



VOL. 66 NO. 8



ISSN 0027-0296

**AUGUST 2013**

**MONTHLY**

**CLIMATIC**

**DATA**

**FOR THE WORLD**

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

**"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center, Asheville, North Carolina 28801."**

A handwritten signature in black ink that reads "Thomas R. Karl".

**Director  
National Climatic Data Center**

**noaa**

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Oceanic and  
Atmospheric Administration**

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

**National  
Climatic Data Center  
Asheville, North Carolina**

# PREFACE

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

## REFERENCE NOTES

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

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

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

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

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

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

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

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

## SURFACE DATA TABLES

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

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

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

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

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

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

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

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

## UPPER AIR DATA TABLES

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

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

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

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

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## PUBLICATION STAFF

**Sherri Nave, Met. Tech**

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

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

# SURFACE

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| STATION                  | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                          |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>EUROPE</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>NORWAY</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 01001 JAN MAYEN          | 7056N    | 00840W    | 10        |           | 1002.1       | 1003.3         | 5.9         | 1.0    | 8.7            | 1.0    | 15            | 74    | 13     | 4        |          |          |
| 01008 SVALBARD LUFTHAVN  | 7815N    | 01528E    | 29        |           | 1001.4       | 1004.7         | 7.2         | 2.4    | 7.8            | .8     | 12            | 59    | 36     | 5        |          |          |
| 01025 TROMSO/LANGNES     | 6941N    | 01855E    | 10        |           | 1010.1       | 1011.2         | 11.9        | 1.0    | 11.2           | 1.0    | 16            | 93    | 14     | 4        |          |          |
| 01026 TROMSO             | 6939N    | 01856E    | 115       |           | 997.4        | 1011.2         | 11.9        |        | 11.0           |        | 16            | 109   |        | 4        |          |          |
| 01028 BJORNOYA           | 7431N    | 01901E    | 16        |           | 1004.9       | 1006.9         | 8.2         | 3.8    | 9.6            | 1.8    | 11            | 35    | -1     | 3        |          |          |
| 01098 VARDØ              | 7022N    | 03106E    | 15        |           | 1010.0       | 1011.8         | 12.5        | 3.4    | 11.6           | 1.5    | 7             | 27    | -28    | 1        |          |          |
| 01152 BODO VI            | 6716N    | 01422E    | 13        |           | 1010.7       | 1012.3         | 13.4        | 1.1    | 12.2           | .9     | 16            | 132   | 44     | 4        |          |          |
| 01212 ONA II             | 6252N    | 00632E    | 15        |           | 1011.0       | 1012.7         | 14.0        |        | 12.5           |        | 17            | 133   |        | 4        |          |          |
| 01238 FOKSTUA II         | 6207N    | 00917E    | 974       |           | 905.8        | 1017.2         | 9.7         |        | 8.8            |        | 11            | 88    |        | 5        |          |          |
| 01241 ORLAND III         | 6342N    | 00936E    | 7         |           | 1011.8       | 1012.8         | 13.8        | .9     | 12.6           | .2     | 12            | 115   | 29     | 5        |          |          |
| 01317 BERGEN/FLORIDA     | 6023N    | 00520E    | 36        |           | 1009.7       | 1014.0         | 15.2        | .8     | 11.7           | -6     | 17            | 218   | 28     | 4        |          |          |
| 01384 OSLO/GARDERMOEN    | 6012N    | 01105E    | 204       |           |              |                | 14.9        | 1.0    |                |        | 14            | 116   | 26     | 4        |          |          |
| 01403 UTSIRA FYR         | 5918N    | 00453E    | 56        |           | 1007.6       | 1014.3         | 15.2        |        | 13.3           |        | 12            | 174   |        | 5        |          |          |
| 01415 STAVANGER/SOLA     | 5853N    | 00538E    | 9         |           | 1013.6       | 1014.7         | 16.0        | 1.6    | 13.7           | .8     | 16            | 165   | 50     | 5        |          |          |
| 01465 TORUNGEN FYR       | 5824N    | 00848E    | 15        |           | 1012.6       | 1014.4         | 16.6        |        | 14.5           |        | 9             | 56    |        | 2        |          |          |
| <b>SWEDEN</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02197 HAPARANDA          | 6549N    | 02406E    | 15        |           | 1011.0       | 1012.8         | 14.8        |        | 14.4           |        | 3             | 19    |        | 1        | 286      | 135      |
| 02226 OSTERSUND FROSON   | 6312N    | 01430E    | 376       |           | 969.3        | 1013.3         | 13.4        | 1.1    | 11.5           | .8     |               |       |        |          | 223      | 119      |
| 02287 HOLMON             | 6349N    | 02052E    | 8         |           | 1012.2       | 1013.2         | 16.0        |        | 15.4           |        | 5             | 42    |        | 2        | 291      | 135      |
| 02366 TIMRA/MIDLANDA     | 6231N    | 01727E    | 8         |           | 1013.0       | 1013.6         | 15.1        | 1.1    | 14.0           | 1.8    | 12            | 93    | 26     | 4        |          |          |
| 02418 KARLSTAD FLYGPLATS | 5927N    | 01320E    | 107       |           | 1001.7       | 1014.5         | 15.3        | .4     | 14.5           | 1.4    |               |       |        |          | 281      | 125      |
| 02485 STOCKHOLM          | 5921N    | 01804E    | 52        |           | 1008.7       | 1014.9         | 17.9        | 1.7    | 14.0           | .7     | 7             | 55    | -11    | 2        | 272      | 123      |
| 02550 JONKOPING/AXAMO    | 5745N    | 01405E    | 224       |           | 989.3        | 1016.0         | 14.8        | .7     | 14.3           | 2.0    | 12            | 98    | 35     | 5        |          |          |
| 02589 GOTSKA SANDON      | 5824N    | 01912E    | 17        |           | 1013.5       | 1015.6         | 18.0        |        | 17.0           |        | 4             | 65    |        | 4        |          |          |
| 02590 VISBY              | 5740N    | 01821E    | 51        |           | 1010.2       | 1016.2         | 17.1        | 1.2    | 15.8           | 1.2    |               |       |        |          | 294      | 122      |
| <b>FINLAND</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02801 KILPISJARVI        | 6903N    | 02047E    | 478       |           | 952.8        | 1011.8         | 11.3        |        | 10.6           |        | 10            | 52    |        | 4        |          |          |
| 02805 KEVO               | 6945N    | 02702E    | 107       |           | 998.2        | 1011.4         | 13.1        |        | 11.5           |        | 8             | 23    |        | 1        | 146      | 100      |
| 02836 SODANKYLA          | 6722N    | 02639E    | 179       |           | 990.2        | 1012.5         | 13.9        | 2.7    | 12.1           |        | 10            | 42    | -21    | 2        | 230      | 127      |
| 02869 KUUSAMO            | 6558N    | 02911E    | 263       |           | 980.4        | 1013.3         | 14.4        | 3.0    | 11.8           |        |               |       |        |          |          |          |
| 02897 KAJAANI            | 6417N    | 02741E    | 143       |           | 996.9        | 1013.7         | 15.0        | 1.9    | 13.6           |        |               |       |        |          |          |          |
| 02929 JOENSUU            | 6240N    | 02938E    | 119       |           | 999.3        | 1014.2         | 16.0        | 2.0    | 14.3           |        |               |       |        |          |          |          |
| 02935 JYVASKYLA          | 6224N    | 02541E    | 145       |           | 996.5        | 1014.2         | 15.0        | 1.4    | 13.9           |        | 11            | 89    | -2     | 3        | 232      | 118      |
| 02942 NIINISALO          | 6151N    | 02228E    | 136       |           | 998.5        | 1014.2         | 15.7        | 1.9    | 13.2           |        | 10            | 59    | -21    | 2        |          |          |
| 02963 JOKIOINEN          | 6049N    | 02330E    | 104       |           | 1001.8       | 1014.7         | 15.8        | 1.6    | 14.3           |        | 10            | 84    | 1      | 3        | 235      | 116      |
| 02974 HELSINKI-VANTAA    | 6019N    | 02458E    | 56        |           | 1008.6       | 1015.3         | 17.3        | 2.3    | 14.9           |        | 10            | 91    | 11     | 4        | 245      | 110      |

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| STATION                             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>UNITED KINGDOM</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 03005 LERWICK                       | 6008N    | 00111W    | 84        |           | 1001.6       | 1011.5         | 12.6        | .8     | 13.0           |        | 13            | 94    | 15     | 4        | 98       | 79       |
| 03026 STORNOWAY AIRPORT             | 5813N    | 00619W    | 15        |           | 1009.3       | 1011.2         | 14.0        | 1.3    | 13.3           |        | 18            | 105   | 21     | 4        | 102      | 77       |
| 03066 KINLOSS                       | 5739N    | 00334W    | 7         |           | 1011.7       | 1012.3         | 15.5        | 1.5    | 12.6           |        | 13            | 42    | -29    | 2        | 134      | 100      |
| 03091 DYCE                          | 5712N    | 00213W    | 69        |           | 1005.1       | 1012.9         | 15.4        | 1.8    | 13.3           |        | 10            | 63    | -12    | 3        | 143      | 95       |
| 03100 TIREE                         | 5630N    | 00653W    | 12        |           | 1011.3       | 1012.9         | 14.1        | .7     | 13.8           |        | 21            | 103   | 8      | 4        | 126      | 81       |
| 03162 ESKDALEMUIR                   | 5519N    | 00312W    | 242       |           | 986.9        | 1015.1         | 14.0        | 1.1    | 13.6           |        | 17            | 102   | -23    | 3        | 74       | 55       |
| 03257 LEEMING                       | 5418N    | 00132W    | 40        |           | 1011.6       | 1015.6         | 16.5        | 1.2    | 14.1           |        | 9             | 59    | -6     | 3        | 162      | 103      |
| 03302 VALLEY                        | 5315N    | 00432W    | 11        |           | 1015.2       | 1016.6         | 16.1        | .7     | 14.9           |        | 9             | 68    | -6     | 2        | 163      | 88       |
| 03377 WADDINGTON                    | 5310N    | 00031W    | 70        |           | 1008.3       | 1016.5         | 17.7        | 2.0    | 14.1           |        | 6             | 36    | -27    | 2        | 182      | 104      |
| 03502 ABERPORTH                     | 5208N    | 00434W    | 134       |           | 1001.5       | 1017.4         | 15.9        | 1.0    | 14.8           |        | 10            | 73    | 9      | 4        | 153      | 88       |
| 03740 LYNEHAM                       | 5130N    | 00159W    | 147       |           | 1000.6       | 1017.9         | 17.0        | 1.3    | 14.6           |        | 7             | 38    | -21    | 2        | 148      | 80       |
| 03808 CAMBORNE                      | 5013N    | 00519W    | 88        |           | 1008.4       | 1018.9         | 16.6        |        | 15.8           |        | 13            | 88    |        | 4        | 173      | 90       |
| 03862 HURN                          | 5047N    | 00150W    | 11        |           | 1017.0       | 1018.2         | 17.4        | 1.3    | 14.9           |        | 6             | 23    | -33    | 2        | 204      | 102      |
| <b>IRELAND</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 03953 VALENTIA OBSERVATORY          | 5156N    | 01015W    | 30        |           | 1014.4       | 1017.3         | 15.9        | .9     | 15.3           | .7     |               |       |        |          |          |          |
| 03955 CORK AIRPORT                  | 5151N    | 00829W    | 162       |           | 997.9        | 1017.3         | 15.4        | 1.1    | 14.9           | 1.0    | 7             | 52    | -38    | 2        | 133      | 85       |
| 03962 SHANNON AIRPORT               | 5242N    | 00855W    | 20        |           | 1014.4       | 1016.7         | 16.1        | .8     | 14.8           | .6     | 11            | 73    | -9     | 3        | 106      | 75       |
| 03967 CASEMENT AERODROME            | 5318N    | 00626W    | 97        |           | 1004.8       | 1015.9         | 15.9        |        | 15.4           |        | 8             | 63    |        |          | 131      | 90       |
| 03969 DUBLIN AIRPORT                | 5326N    | 00615W    | 85        |           | 1005.7       | 1015.8         | 15.7        | 1.0    | 14.0           | .4     | 11            | 48    | -23    | 2        | 130      | 85       |
| 03973 CONNAUGHT AIRPORT             | 5354N    | 00849W    | 209       |           | 990.5        | 1015.5         | 14.0        |        | 13.8           |        | 18            | 73    |        |          | 112      |          |
| 03976 BELMULLET                     | 5414N    | 01000W    | 10        |           | 1013.6       | 1014.6         | 15.2        | .9     | 14.7           | .7     |               |       |        |          |          |          |
| 03980 MALIN HEAD                    | 5522N    | 00720W    | 25        |           | 1011.4       | 1013.6         | 14.9        | 1.0    | 13.8           | .3     |               |       |        |          |          |          |
| <b>ICELAND</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 04013 STYKKISHOLMUR                 | 6505N    | 02244W    | 8         |           |              | 1003.0         | 9.9         | .3     | 10.1           | .3     | 15            | 111   | 60     | 5        |          |          |
| 04018 KEFLAVIKURFLUGVOLLUR          | 6358N    | 02236W    | 54        |           |              | 1002.9         | 9.8         |        | 10.1           |        | 18            | 112   |        | 4        |          |          |
| 04030 REYKJAVIK                     | 6408N    | 02156W    | 61        |           | 995.5        | 1002.8         | 10.1        | -2     | 10.0           | -1     | 16            | 86    | 25     | 4        | 135      | 88       |
| 04063 AKUREYRI                      | 6541N    | 01805W    | 27        |           | 999.8        | 1003.1         | 10.6        | .6     | 8.9            | -8     | 7             | 19    | -15    | 1        | 100      | 74       |
| 04082 AKURNES                       | 6418N    | 01513W    | 21        |           |              | 1004.2         | 10.1        |        | 10.1           |        | 12            | 85    |        | 2        |          |          |
| <b>GREENLAND</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 04211 MITTARFIK UPERNAVIK (UPERNAV) | 7247N    | 05608W    | 129       |           |              | 1005.9         | 5.2         |        | 6.4            |        |               |       |        |          |          |          |
| 04220 AASIAAT (EGEDSMINDE)          | 6842N    | 05251W    | 43        |           |              | 1005.7         |             |        |                |        | 5             | 34    | 1      |          |          |          |
| 04250 NUUK (GODTHAAB)               | 6410N    | 05145W    | 84        |           |              | 1004.5         | 6.5         | .4     | 7.5            |        | 9             | 63    | -26    |          |          |          |
| 04312 STATION NORD AWS              | 8136N    | 01641W    | 36        |           |              | 1006.6         | 1.1         | -1.0   | 4.9            |        |               |       |        |          |          |          |
| 04320 DANMARKSHAVN                  | 7646N    | 01840W    | 12        |           |              | 1006.6         | 3.4         | 1.0    | 5.6            |        | 11            | 49    | 34     |          |          |          |
| 04339 ITTOQQORTOORMIT (SCORESBYSU)  | 7029N    | 02157W    | 69        |           |              | 1004.8         | 6.4         |        | 6.9            |        |               |       |        |          |          |          |
| 04360 TASILAQ (AMMASSALIK)          | 6536N    | 03738W    | 52        |           |              | 1003.8         | 6.3         | .3     | 7.2            |        | 7             | 38    | -28    |          |          |          |
| 04390 PRINS CHRISTIAN SUND          | 6003N    | 04310W    | 88        |           |              | 1004.5         | 8.2         | 1.7    | 7.2            |        |               |       |        |          |          |          |

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| STATION                                | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |     |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|-----|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |     |
| <b>DENMARK AND FAROE ISLANDS</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 06011 TORSHAVN                         | 6201N    | 00646W    | 61        |           |              | 1008.1         | 11.0        | .4     | 11.6           |        | 14            | 59    | -29    |          |          |          |     |
| 06030 AALBORG                          | 5706N    | 00951E    | 13        |           |              | 1015.7         | 17.5        | 2.0    | 15.1           |        | 8             | 55    |        |          |          |          |     |
| 06186 KOEBENHAVN/LANDBOHOEJSKOLEN      | 5541N    | 01233E    | 7         |           |              | 1017.3         | 18.4        |        | 15.0           |        | 8             | 34    |        |          |          |          |     |
| 06190 ROENNE                           | 5504N    | 01445E    | 17        |           |              | 1017.8         | 18.4        | 1.2    | 15.9           |        |               |       |        |          |          |          |     |
| <b>NETHERLANDS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 06235 DE KOOY                          | 5256N    | 00447E    | 2         |           |              | 1017.1         | 1017.2      | 18.1   | 1.5            | 16.1   | .8            | 5     | 32     | -33      | 2        | 264      | 133 |
| 06260 DE BILT                          | 5206N    | 00511E    | 4         |           |              | 1017.3         | 1017.6      | 18.1   | 1.4            | 15.6   | .6            | 5     | 27     | -44      | 1        | 220      | 119 |
| 06280 EELDE/GRONINGEN AP EELDE         | 5307N    | 00635E    | 4         |           |              | 1016.8         | 1017.3      | 17.4   | 1.4            | 15.8   | .8            | 8     | 76     | 10       | 4        | 230      | 126 |
| 06310 VLISSINGEN                       | 5127N    | 00336E    | 10        |           |              | 1016.7         | 1017.7      | 19.1   | 1.8            | 16.3   | .8            | 4     | 20     | -48      | 1        | 242      | 125 |
| <b>BELGIUM</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 06447 UCCLÉ                            | 5048N    | 00421E    | 104       |           |              | 1006.0         | 1017.9      | 18.6   | 1.6            | 14.5   | -.7           | 5     | 48     | -14      | 3        | 213      | 117 |
| <b>LUXEMBOURG</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 06590 LUXEMBOURG/LUXEMBOURG            | 4937N    | 00613E    | 376       |           |              | 974.5          | 1018.1      | 18.3   |                | 14.0   |               | 6     | 47     | -25      | 2        | 266      | 128 |
| <b>SWITZERLAND &amp; LIECHTENSTEIN</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 06601 BASEL-BINNINGEN                  | 4733N    | 00735E    | 317       |           |              | 981.2          | 1017.9      | 19.5   |                | 15.8   |               | 8     | 90     |          |          | 257      | 120 |
| 06610 PAYERNE                          | 4649N    | 00657E    | 491       |           |              | 961.4          | 1017.6      | 18.6   |                | 15.4   |               | 6     | 69     |          |          | 288      | 125 |
| 06660 ZUERICH-METEOSCHWEIZ             | 4723N    | 00834E    | 569       |           |              | 954.1          | 1017.7      | 18.7   | 2.0            | 15.0   | .3            | 8     | 69     | -66      | 1        | 256      | 134 |
| 06680 SAENTIS                          | 4715N    | 00921E    | 2502      |           |              | 757.8          |             | 7.1    | 2.1            | 7.8    | .9            | 14    | 166    | -167     | 1        | 174      | 105 |
| 06700 GENEVE-COINTRIN                  | 4615N    | 00608E    | 420       |           |              | 970.1          | 1017.4      | 20.0   | 1.9            | 15.3   | 1.5           | 4     | 36     | -42      | 1        | 293      | 130 |
| 06717 GRAND ST. BERNARD                | 4552N    | 00710E    | 2479      |           |              | 758.8          |             | 8.4    |                | 8.6    |               | 8     | 88     |          |          | 218      | 110 |
| 06720 SION                             | 4613N    | 00720E    | 482       |           |              | 961.5          | 1016.5      | 20.5   |                | 15.1   |               | 4     | 31     |          |          | 291      | 120 |
| 06770 LUGANO                           | 4600N    | 00858E    | 276       |           |              | 981.4          | 1015.8      | 22.7   | 2.5            | 17.5   | .7            | 5     | 74     | -99      | 1        | 275      | 120 |
| <b>FRANCE</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 07005 ABBEVILLE                        | 5008N    | 00150E    | 77        |           |              | 1009.6         | 1018.4      | 17.8   |                | 15.3   |               | 4     | 41     |          |          | 228      | 110 |
| 07015 LILLE                            | 5034N    | 00306E    | 52        |           |              | 1012.4         | 1018.0      | 18.7   |                | 14.3   |               | 5     | 38     |          |          | 197      | 100 |
| 07020 LA HAGUE                         | 4943N    | 00156W    | 12        |           |              | 1016.9         | 1019.5      | 17.2   |                | 16.3   |               | 6     | 38     |          |          |          |     |
| 07027 CAEN                             | 4911N    | 00027W    | 67        |           |              | 1011.0         | 1019.0      | 17.9   | 1.3            | 14.7   |               | 4     | 13     | -33      | 1        | 238      | 114 |
| 07037 ROUEN                            | 4923N    | 00111E    | 156       |           |              | 1000.8         | 1018.5      | 17.7   |                | 14.5   |               | 6     | 51     |          |          | 225      | 105 |
| 07110 BREST                            | 4827N    | 00425W    | 99        |           |              | 1008.4         | 1019.7      | 17.1   | 1.1            | 15.2   |               | 8     | 28     | -31      | 1        | 203      | 99  |
| 07117 PLOUMANAC'H PERROS GUIREC        | 4850N    | 00328W    | 58        |           |              | 1012.6         | 1019.4      | 17.2   |                | 15.8   |               | 5     | 21     |          | 1        |          |     |
| 07130 RENNES                           | 4804N    | 00144W    | 43        |           |              | 1014.1         | 1019.2      | 18.7   |                | 14.8   |               | 3     | 10     |          |          | 250      | 115 |
| 07139 ALENCON                          | 4826N    | 00006E    | 144       |           |              | 1001.9         | 1018.8      | 18.4   |                | 13.9   |               | 3     | 14     |          | 1        | 265      | 130 |
| 07149 PARIS-ORLY                       | 4843N    | 00223E    | 90        |           |              | 1007.9         | 1018.4      | 19.7   |                | 14.2   |               | 6     | 30     |          | 1        | 258      |     |
| 07168 TROYES                           | 4820N    | 00401E    | 118       |           |              | 1004.6         | 1018.4      | 19.1   |                | 14.4   |               | 9     | 45     |          |          | 266      |     |
| 07181 NANCY-OCHEY                      | 4835N    | 00558E    | 351       |           |              | 978.4          | 1018.1      | 18.5   |                | 14.2   |               | 10    | 59     |          |          |          |     |
| 07190 STRASBOURG-ENTZHEIM              | 4833N    | 00738E    | 153       |           |              | 1000.4         | 1018.0      | 19.6   | 1.3            | 15.5   |               | 8     | 57     | -10      | 5        | 237      | 111 |

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 07207 POINTE DU TALUT              | 4718N    | 00310W    | 43        |           | 1014.7       | 1019.8         | 18.8        |        | 16.2           |        | 3             | 9     |        |          |          |          |
| 07222 NANTES                       | 4709N    | 00136W    | 27        |           | 1016.0       | 1019.1         | 19.2        | .8     | 15.0           |        | 4             | 14    | -30    | 0        | 290      | 122      |
| 07240 TOURS                        | 4727N    | 00044E    | 112       |           | 1005.6       | 1018.8         | 19.5        |        | 13.8           |        | 5             | 23    |        | 1        | 279      | 120      |
| 07255 BOURGES                      | 4704N    | 00222E    | 166       |           | 999.3        | 1018.6         | 20.1        | 1.5    | 14.3           |        | 5             | 32    | -27    | 2        | 290      | 126      |
| 07280 DIJON                        | 4716N    | 00505E    | 227       |           | 991.7        | 1018.1         | 19.7        | .8     | 14.7           |        | 6             | 49    | -16    | 2        | 267      | 117      |
| 07299 BALE-MULHOUSE                | 4736N    | 00731E    | 271       |           | 986.3        | 1018.0         | 19.2        |        | 16.0           |        | 7             | 72    |        |          | 277      | 125      |
| 07314 CHASSIRON                    | 4603N    | 00125W    | 22        |           | 1016.9       | 1019.6         | 19.7        |        | 17.6           |        | 3             | 13    |        | 1        |          |          |
| 07335 POITIERS                     | 4635N    | 00018E    | 120       |           | 1004.9       | 1019.0         | 19.1        |        | 15.1           |        | 6             | 25    |        |          | 278      | 115      |
| 07434 LIMOGES                      | 4552N    | 00111E    | 402       |           | 972.2        | 1018.6         | 19.0        |        | 14.0           |        | 6             | 63    |        |          | 277      | 110      |
| 07460 CLERMONT-FERRAND             | 4547N    | 00310E    | 330       |           | 980.4        | 1018.1         | 19.6        |        | 14.2           |        | 6             | 114   |        | 5        | 289      | 125      |
| 07471 LE PUY                       | 4505N    | 00346E    | 833       |           | 924.1        |                | 16.8        |        | 12.8           |        | 3             | 34    |        |          | 270      |          |
| 07481 LYON-SATOLAS                 | 4544N    | 00505E    | 248       |           | 989.9        | 1017.6         | 21.1        |        | 15.3           |        | 5             | 60    |        |          |          |          |
| 07510 BORDEAUX MERIGNAC            | 4450N    | 00041W    | 61        |           | 1013.5       | 1019.1         | 20.9        |        | 15.5           |        | 5             | 37    | -17    | 2        | 284      | 115      |
| 07535 GOURDON                      | 4455N    | 00124E    | 261       |           | 988.1        | 1018.3         | 20.5        |        | 14.8           |        | 3             | 33    |        |          | 282      | 115      |
| 07560 MONT AIGOUAL                 | 4407N    | 00335E    | 1567      |           | 847.5        |                | 13.3        |        | 11.3           |        | 4             | 68    |        |          |          |          |
| 07577 MONTELMAR                    | 4435N    | 00444E    | 74        |           | 1008.2       | 1016.8         | 22.6        |        | 16.1           |        | 2             | 47    |        |          | 330      | 110      |
| 07591 EMBRUN                       | 4434N    | 00630E    | 876       |           | 918.3        |                | 19.8        |        | 12.5           |        | 4             | 40    |        |          | 298      | 110      |
| 07607 MONT-DE-MARSAN               | 4355N    | 00030W    | 60        |           | 1012.0       | 1019.0         | 21.0        |        | 16.1           |        | 5             | 24    |        |          | 238      | 105      |
| 07621 TARBES-OSSUN                 | 4311N    | 00000W    | 364       |           | 977.0        | 1018.8         | 20.1        |        | 17.0           |        | 7             | 33    |        |          | 221      | 115      |
| 07627 SAINT GIRONS                 | 4300N    | 00106E    | 412       |           | 971.3        | 1018.4         | 19.8        |        | 16.9           |        | 8             | 67    |        | 5        | 222      | 110      |
| <b>07630 TOULOUSE BLAGNAC</b>      | 4338N    | 00122E    | 154       |           | 1000.9       | 1018.2         | 22.4        |        | 16.1           |        | 4             | 33    | -14    | 1        | 273      | 115      |
| 07643 MONTPELLIER                  | 4335N    | 00358E    | 8         |           | 1015.7       | 1016.6         | 24.0        |        | 17.1           |        | 1             | 28    |        |          | 315      | 100      |
| 07650 MARIGNANE                    | 4327N    | 00514E    | 32        |           | 1012.0       | 1015.7         | 24.6        |        | 16.8           |        | 1             | 6     | -23    | 0        | 361      | 110      |
| 07661 CAP CEPET                    | 4305N    | 00556E    | 136       |           | 999.8        | 1015.2         | 24.5        |        | 17.8           |        | 1             | 2     |        |          |          |          |
| 07690 NICE                         | 4339N    | 00712E    | 27        |           | 1012.1       | 1015.1         | 24.9        |        | 20.0           |        | 2             | 14    | -17    | 0        | 346      | 115      |
| 07747 PERPIGNAN                    | 4244N    | 00252E    | 47        |           | 1011.9       | 1017.0         | 24.8        |        | 16.2           |        | 2             | 3     | -29    | 0        | 291      | 110      |
| 07761 AJACCIO                      | 4155N    | 00848E    | 9         |           | 1014.2       | 1015.3         | 24.5        |        | 19.2           |        | 1             | 18    | -1     | 1        | 355      | 105      |
| 07790 BASTIA                       | 4233N    | 00929E    | 12        |           | 1013.7       | 1015.0         | 24.8        |        | 19.8           |        | 2             | 18    |        |          | 321      | 105      |
| <b>SPAIN</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08001 LA CORUNA                    | 4322N    | 00825W    | 67        |           | 1011.3       | 1019.2         | 20.3        | 1.5    | 17.8           | .6     | 2             | 9     | -19    | 1        | 300      | 128      |
| 08002 LA CORUNA/ALVEDRO            | 4318N    | 00823W    | 103       |           | 1007.5       | 1019.5         | 20.4        |        | 17.8           |        | 4             | 9     |        | 1        | 307      | 135      |
| 08008 LUGO/ROZAS                   | 4307N    | 00727W    | 446       |           | 968.1        | 1019.2         | 19.1        |        | 15.8           |        | 2             | 6     |        | 0        | 235      | 100      |
| 08011 ASTURIAS/AVILES              | 4333N    | 00602W    | 130       |           | 1004.9       | 1020.1         | 19.3        |        | 18.4           |        | 6             | 29    |        | 2        | 235      | 130      |
| 08014 GIJON-MUSEL                  | 4334N    | 00542W    | 6         |           | 1018.5       | 1019.2         | 20.5        |        | 19.0           |        | 6             | 20    |        | 1        | 266      | 140      |
| 08015 OVIEDO                       | 4321N    | 00552W    | 339       |           | 980.5        | 1019.7         | 19.1        | .7     | 16.8           | .0     | 5             | 20    | -29    | 1        | 211      | 123      |
| 08021 SANTANDER/PARAYAS            | 4326N    | 00349W    | 5         |           | 1019.8       | 1019.9         | 20.2        |        | 19.4           |        | 9             | 29    |        | 2        | 185      | 100      |
| 08023 SANTANDER                    | 4329N    | 00348W    | 59        |           | 1013.0       | 1019.9         | 20.0        | .4     | 19.5           | 1.7    | 9             | 45    | -38    | 2        | 251      | 128      |
| 08025 BILBAO/SONDICA               | 4318N    | 00254W    | 42        |           | 1015.0       | 1019.6         | 20.9        |        | 18.8           |        | 6             | 41    |        | 2        | 177      | 100      |
| <b>08027 SAN SEBASTIAN/IGUELDO</b> | 4318N    | 00202W    | 259       |           | 989.3        | 1019.3         | 19.3        | .6     | 19.1           | 1.0    | 7             | 73    | -42    | 2        | 217      | 119      |
| 08029 SAN SEBASTIAN/FUENTERRABIA   | 4321N    | 00148W    | 8         |           | 1018.6       | 1019.1         | 21.3        |        | 19.4           |        | 8             | 64    |        | 2        | 221      | 115      |
| 08042 SANTIAGO/LABACOLLA           | 4254N    | 00826W    | 370       |           | 976.6        | 1018.6         | 20.3        |        | 16.8           |        | 3             | 17    |        | 2        | 295      | 120      |
| 08044 PONTEVEDRA                   | 4226N    | 00837W    | 108       |           | 1005.0       | 1017.5         | 21.5        |        | 17.0           |        | 2             | 10    |        | 0        | 354      | 130      |
| 08045 VIGO/PEINADOR                | 4214N    | 00838W    | 256       |           | 988.0        | 1017.6         | 22.3        | 3.4    | 16.2           | -3     | 3             | 9     | -22    | 1        | 304      | 109      |
| 08048 ORENSE                       | 4220N    | 00752W    | 147       |           | 999.5        | 1016.4         | 23.8        |        | 15.4           |        | 0             | 0     |        | 1        | 338      | 125      |
| 08053 PONFERRADA                   | 4234N    | 00636W    | 550       |           | 954.4        | 1016.0         | 22.6        |        | 12.9           |        | 1             | 1     |        | 1        | 366      | 125      |

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 08055 LEON/VIRGEN DEL CAMINO       | 4235N    | 00539W    | 916       |           | 914.8        | 1015.2         | 19.8        |        | 11.2           |        | 2             | 8     |        | 3        | 373      | 110      |
| 08075 BURGOS/VILLAFRIA             | 4221N    | 00338W    | 890       |           | 917.2        | 1016.0         | 19.1        | .8     | 12.4           | -1.4   | 1             | 2     | -22    | 1        | 346      | 116      |
| 08080 VITORIA                      | 4253N    | 00243W    | 513       |           | 960.5        | 1019.0         | 19.2        |        | 15.7           |        | 2             | 15    |        | 2        | 236      | 115      |
| 08084 LOGRONO/AGONCILLO            | 4227N    | 00220W    | 363       |           | 975.9        | 1017.2         | 22.5        | .7     | 13.6           | -1.2   | 2             | 7     | -14    | 2        | 323      | 113      |
| 08085 PAMPLONA/NOAIN               | 4246N    | 00138W    | 459       |           | 966.0        | 1017.3         | 22.1        |        | 14.7           |        | 2             | 25    |        | 3        | 316      | 115      |
| 08130 ZAMORA                       | 4131N    | 00544W    | 667       |           | 942.2        | 1016.3         | 22.8        |        | 11.8           |        | 0             | 0     |        | 2        | 360      | 105      |
| 08140 VALLADOLID/VILLANUBLA        | 4143N    | 00451W    | 846       |           | 921.8        | 1015.0         | 20.6        |        | 10.8           |        | 1             | 6     |        | 3        | 346      | 100      |
| 08141 VALLADOLID                   | 4139N    | 00446W    | 735       |           | 933.8        | 1015.1         | 22.1        | 1.1    | 11.3           | .2     | 1             | 6     | -7     | 3        | 354      | 105      |
| 08148 SORIA                        | 4146N    | 00228W    | 1082      |           | 897.2        | 1015.1         | 20.0        |        | 11.4           |        | 2             | 5     |        | 2        | 349      | 110      |
| 08160 ZARAGOZA/AEROPUERTO          | 4140N    | 00100W    | 263       |           | 986.7        | 1015.9         | 25.4        | 1.6    | 15.6           | -6     | 1             | 21    | 5      | 4        | 343      | 108      |
| 08171 LERIDA                       | 4138N    | 00036E    | 199       |           | 993.8        | 1016.5         | 24.4        |        | 18.0           |        | 2             | 11    |        | 2        | 334      | 105      |
| 08175 REUS/AEROPUERTO              | 4109N    | 00110E    | 76        |           | 1007.9       | 1016.6         | 25.0        |        | 21.5           |        | 5             | 18    |        | 2        | 234      | 90       |
| <b>08181 BARCELONA/AEROPUERTO</b>  | 4117N    | 00204E    | 6         |           | 1016.6       | 1017.2         | 25.2        | 2.2    | 23.5           | 2.2    | 5             | 33    | -33    | 3        | 266      | 99       |
| 08184 GERONA/COSTA BRAVA           | 4154N    | 00246E    | 143       |           | 1001.1       | 1015.8         | 24.0        | 1.3    | 19.4           | .2     | 8             | 76    | 22     | 4        | 297      | 119      |
| <b>08202 SALAMANCA/MATACAN</b>     | 4057N    | 00530W    | 794       |           | 927.1        | 1014.3         | 21.5        | 1.2    | 12.1           | -1.1   | 0             | 0     | -10    | 1        | 390      | 115      |
| 08210 AVILA                        | 4039N    | 00442W    | 1131      |           | 891.8        | 1014.2         | 21.2        |        | 9.7            |        | 2             | 10    |        | 3        | 318      | 95       |
| 08213 SEGOVIA                      | 4057N    | 00407W    | 1006      |           | 904.6        | 1013.5         | 22.3        |        | 10.0           |        | 0             | 0     |        | 1        | 371      | 115      |
| <b>08215 NAVACERRADA</b>           | 4047N    | 00401W    | 1894      |           | 816.8        | 1012.9         | 18.4        |        | 9.0            |        | 1             | 2     |        | 1        | 350      | 105      |
| 08219 MADRI-COLMENAR               | 4039N    | 00344W    | 1004      |           | 904.7        | 1012.2         | 24.3        |        | 12.7           |        | 0             | 0     |        |          | 346      |          |
| 08221 MADRID/BARAJAS               | 4030N    | 00335W    | 633       |           | 949.3        | 1013.3         | 26.3        | 2.5    | 9.8            | -3.5   | 1             | 7     | -2     | 4        | 351      | 105      |
| 08222 MADRID, RETIRO               | 4025N    | 00341W    | 667       |           | 939.9        | 1013.0         | 26.7        | 2.8    | 13.9           | 1.9    | 0             | 0     | -9     | 2        |          |          |
| 08223 MADRID/CUATRO VIENTOS        | 4023N    | 00347W    | 690       |           | 938.0        | 1013.0         | 26.1        |        | 12.9           |        | 1             | 1     |        | 2        | 348      | 105      |
| 08224 MADRID/GETAFE                | 4018N    | 00343W    | 620       |           | 945.4        | 1013.1         | 27.0        |        | 12.4           |        | 0             | 0     |        | 2        | 359      | 105      |
| 08227 MADRID/TORREJON              | 4029N    | 00327W    | 612       |           | 946.0        | 1013.3         | 25.7        |        | 10.3           |        | 1             | 6     |        | 3        | 362      | 115      |
| 08231 CUENCA                       | 4004N    | 00208W    | 946       |           | 911.1        | 1013.5         | 23.8        |        | 12.1           |        | 3             | 36    |        | 5        | 262      | 80       |
| 08235 TERUEL                       | 4021N    | 00107W    | 902       |           | 915.8        | 1014.4         | 22.2        |        | 14.6           |        | 4             | 28    |        | 6        | 236      | 80       |
| 08238 TORTOSA                      | 4049N    | 00030E    | 50        |           | 1010.1       | 1015.5         | 26.2        | .9     | 21.1           | .6     | 2             | 16    | -20    | 2        | 263      | 97       |
| 08261 CACERES                      | 3928N    | 00620W    | 405       |           | 969.9        | 1013.3         | 27.5        | 1.9    | 10.7           | -1.1   | 1             | 1     | -4     | 3        | 374      | 110      |
| 08272 TOLEDO                       | 3953N    | 00403W    | 516       |           | 956.4        | 1013.3         | 27.1        |        | 11.1           |        | 1             | 10    |        | 4        | 370      | 110      |
| <b>08280 ALBACETE/LOS LLANOS</b>   | 3857N    | 00151W    | 704       |           | 936.6        | 1013.8         | 25.2        | 1.5    | 14.0           | -1.0   | 4             | 41    | 29     | 5        | 323      | 101      |
| 08284 VALENCIA/AEROPUERTO          | 3930N    | 00028W    | 69        |           | 1009.1       | 1016.2         | 26.1        | 1.2    | 21.7           | -1     | 4             | 29    | 9      | 4        | 233      | 84       |
| 08285 VALENCIA                     | 3929N    | 00023W    | 11        |           |              |                | 25.7        |        |                |        | 3             | 34    |        | 5        |          |          |
| 08286 CASTELLON                    | 3957N    | 00004W    | 35        |           | 1011.2       | 1016.2         | 25.4        |        | 21.8           |        | 4             | 36    |        | 5        | 269      | 100      |
| 08301 PALMA DE MALLORCA            | 3933N    | 00237E    | 6         |           | 1015.2       | 1015.3         | 25.9        |        |                |        | 2             | 78    |        | 5        | 310      | 100      |
| 08306 PALMA DE MALLORCA/SAN SAN JU | 3933N    | 00244E    | 7         |           | 1016.0       | 1016.6         | 25.6        | 1.5    | 21.6           | -3     | 2             | 31    | 11     | 4        | 315      | 99       |
| 08314 MENORCA/MAHON                | 3952N    | 00414E    | 89        |           | 1006.7       | 1016.6         | 25.5        | 1.0    | 20.8           | -4     | 2             | 12    | -14    | 3        | 293      | 94       |
| 08330 BADAJOZ/TALAVERA LA REAL     | 3853N    | 00650W    | 192       |           | 992.6        | 1014.2         | 27.3        | 2.3    | 17.9           | 2.1    | 1             | 4     | -2     | 3        | 368      | 107      |
| 08348 CIUDAD REAL                  | 3859N    | 00355W    | 629       |           | 944.4        | 1013.3         | 26.8        | 2.3    | 11.4           | -4.6   | 1             | 13    | 5      | 4        | 370      | 108      |
| 08359 ALICANTE                     | 3822N    | 00030W    | 82        |           | 1006.9       | 1016.2         | 25.5        | .0     | 22.0           | -5     | 3             | 42    | 34     | 5        | 342      | 111      |
| 08360 ALICANTE/EL ALTET            | 3817N    | 00033W    | 43        |           | 1012.8       | 1016.3         | 26.5        |        | 22.0           |        | 2             | 22    |        |          | 280      |          |
| 08373 IBIZA/ES CODOLA              | 3853N    | 00123E    | 17        |           | 1014.4       | 1016.4         | 26.2        | .7     | 23.6           | -.7    | 2             | 18    | -8     | 3        | 297      | 98       |
| 08383 HUELVA                       | 3717N    | 00655W    | 20        |           | 1012.7       | 1014.9         | 26.7        |        | 19.1           |        | 0             | 0     |        | 4        |          |          |
| 08391 SEVILLA/SAN PABLO            | 3725N    | 00554W    | 34        |           | 1010.5       | 1014.0         | 29.0        |        | 15.3           |        | 1             | 1     |        | 4        | 374      | 110      |
| 08397 MORON DE LA FRONTERA         | 3709N    | 00537W    | 88        |           | 1003.9       | 1013.9         | 28.2        |        | 20.3           |        | 0             | 0     |        | 2        | 348      | 105      |
| <b>08410 CORDOBA/AEROPUERTO</b>    | 3751N    | 00451W    | 92        |           | 1003.6       | 1014.0         | 28.5        | 1.7    | 13.2           | -3.8   | 1             | 19    | 16     | 5        | 352      | 104      |
| 08417 JAEN                         | 3747N    | 00348W    | 582       |           | 949.8        | 1013.4         | 27.6        |        | 12.8           |        | 2             | 62    |        | 6        | 364      | 110      |



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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 08419 GRANADA/AEROPUERTO           | 3711N    | 00347W    | 570       |           | 950.3        | 1012.7         | 27.6        |        | 12.8           |        | 0             | 0     |        | 2        | 296      | 85       |
| 08420 GRANADA/BASE AEREA           | 3708N    | 00337W    | 692       |           | 937.6        | 1013.1         | 26.1        |        | 13.2           |        | 2             | 10    |        | 5        | 345      | 110      |
| 08429 MURCIA/ALCANTARILLA          | 3757N    | 00114W    | 75        |           | 1007.3       | 1015.9         | 27.0        |        | 19.9           |        | 2             | 22    |        | 5        | 309      | 100      |
| 08430 MURCIA                       | 3800N    | 00110W    | 62        |           | 1009.4       | 1016.4         | 27.5        |        | 21.1           |        | 2             | 52    |        | 6        | 322      | 105      |
| 08433 MURCIA/SAN JAVIER            | 3747N    | 00048W    | 5         |           |              |                | 25.5        | .9     |                |        | 2             | 15    | 7      | 5        |          |          |
| 08449 ROTA                         | 3639N    | 00621W    | 23        |           | 1012.4       | 1015.0         | 26.2        |        | 19.5           |        | 1             | 6     |        |          | 343      |          |
| 08451 JEREZ DE LA FRONTERA AEROPUE | 3645N    | 00604W    | 28        |           | 1011.3       | 1014.5         | 27.6        | 2.0    | 17.2           | -1.9   | 1             | 9     | 4      | 5        | 357      | 106      |
| 08452 CADIZ, OBS.                  | 3632N    | 00617W    | 9         |           | 1014.5       | 1015.5         | 26.4        |        | 21.7           |        | 0             | 0     |        | 3        | 283      | 80       |
| 08482 MALAGA/AEROPUERTO            | 3640N    | 00429W    | 16        |           | 1014.7       | 1015.5         | 26.6        | 1.3    | 22.0           | 1.8    | 2             | 8     | 3      | 5        | 332      | 103      |
| 08487 ALMERIA/AEROPUERTO           | 3651N    | 00223W    | 21        |           | 1012.8       | 1015.2         | 28.0        | 2.0    | 22.5           | -1     | 1             | 5     | 4      | 5        | 352      | 113      |
| <b>GIBRALTAR</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08495 GIBRALTAR                    | 3609N    | 00521W    | 5         |           | 1015.4       | 1016.0         | 24.6        |        |                |        | 0             | 0     |        | 1        |          |          |
| <b>PORTUGAL</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08509 LAJES (ACORES)               | 3846N    | 02706W    | 54        |           | 1018.9       | 1025.4         | 22.1        |        | 19.8           |        | 6             | 25    |        | 2        | 218      | 100      |
| 08512 PONTA DELGADA/NORDELA (ACORE | 3744N    | 02542W    | 72        |           | 1015.9       | 1025.1         | 21.7        |        | 18.0           |        | 1             | 4     |        |          |          |          |
| 08515 SANTA MARIA (ACORES)         | 3658N    | 02510W    | 100       |           | 1012.2       | 1024.1         | 22.2        | .0     | 20.8           | .3     |               | 4     | -36    | 0        |          |          |
| 08535 LISBOA/GEOP                  | 3843N    | 00909W    | 95        |           | 1005.1       | 1016.1         | 24.0        | 1.2    | 16.7           | -3     | 0             | 0     | -6     | 2        | 370      | 108      |
| 08558 EVORA/C. COORD               | 3832N    | 00754W    | 246       |           | 987.0        | 1015.1         | 25.0        |        |                |        | 0             | 0     |        |          |          |          |
| 08570 CASTELO BRANCO               | 3950N    | 00729W    | 386       |           | 971.2        | 1014.6         | 26.6        |        | 11.2           |        | 0             | 0     |        |          | 373      |          |
| 08575 BRAGANCA                     | 4148N    | 00644W    | 692       |           | 938.1        | 1015.7         | 21.8        | 1.0    | 12.8           | .1     | 0             | 0     | -14    | 0        |          |          |
| <b>GERMANY</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 10015 HELGOLAND                    | 5411N    | 00754E    | 8         |           | 1016.2       | 1017.2         | 18.2        |        | 16.8           |        | 11            | 39    |        | 2        | 262      | 120      |
| 10020 LIST/SYLT                    | 5501N    | 00825E    | 29        |           | 1013.9       | 1017.0         | 18.1        |        | 15.8           |        | 9             | 34    |        | 1        | 223      | 100      |
| 10028 ST PETER-ORDING              | 5420N    | 00836E    | 11        |           | 1015.9       | 1017.2         | 18.1        |        | 15.6           |        | 14            | 50    |        | 2        | 242      | 120      |
| 10035 SCHLESWIG                    | 5432N    | 00933E    | 48        |           | 1011.7       | 1017.3         | 17.3        | 1.5    | 14.9           | .6     | 11            | 44    | -43    | 1        | 238      | 111      |
| 10055 WESTERMARKELSDORF            | 5432N    | 01104E    | 9         |           | 1016.4       | 1017.4         | 18.5        |        | 16.6           |        | 7             | 18    |        |          | 253      | 110      |
| 10091 ARKONA                       | 5441N    | 01326E    | 42        |           | 1012.8       | 1017.7         | 18.3        |        | 15.8           |        | 6             | 38    |        | 2        | 272      | 110      |
| 10113 NORDERNEY                    | 5343N    | 00709E    | 16        |           | 1015.3       | 1017.1         | 18.6        |        | 16.1           |        | 9             | 40    |        | 1        | 250      | 120      |
| 10129 BREMERHAVEN                  | 5332N    | 00835E    | 11        |           | 1016.3       | 1017.5         | 18.7        |        | 15.6           |        | 11            | 44    |        | 1        | 229      | 120      |
| 10131 CUXHAVEN                     | 5352N    | 00842E    | 12        |           | 1015.7       | 1017.1         | 18.6        |        | 15.5           |        | 9             | 49    |        | 1        | 229      | 110      |
| 10142 ITZEHOE                      | 5359N    | 00934E    | 26        |           | 1014.5       | 1017.5         | 17.2        |        | 15.5           |        | 11            | 62    |        |          | 218      | 105      |
| 10147 HAMBURG-FUHLBUETTEL          | 5338N    | 00959E    | 16        |           | 1015.9       | 1017.7         | 18.0        | 1.4    | 14.4           | -1     | 7             | 31    | -39    | 1        | 230      | 111      |
| 10156 LUEBECK-BLANKENSEE           | 5349N    | 01042E    | 17        |           | 1015.7       | 1017.8         | 18.0        |        | 14.6           |        | 6             | 26    |        |          | 225      | 105      |
| 10161 BOLTENHAGEN                  | 5400N    | 01112E    | 17        |           | 1015.7       | 1017.6         | 18.2        |        | 15.2           |        | 5             | 17    |        | 1        | 235      | 105      |
| 10162 SCHWERIN                     | 5339N    | 01123E    | 68        |           | 1010.2       | 1017.2         | 18.4        |        | 14.6           |        | 7             | 22    |        | 1        | 230      | 110      |
| 10170 ROSTOCK-WARNEMUENDE          | 5411N    | 01205E    | 10        |           | 1016.1       | 1017.6         | 18.7        | 2.0    | 15.3           | .2     | 5             | 19    | -40    | 1        | 255      | 113      |
| 10180 BARTH                        | 5420N    | 01243E    | 7         |           | 1017.3       | 1017.8         | 17.5        |        | 15.6           |        | 6             | 33    |        |          | 266      | 115      |
| 10184 GREIFSWALD                   | 5406N    | 01324E    | 6         |           | 1017.1       | 1017.9         | 18.2        |        | 15.5           |        | 8             | 23    |        |          | 230      | 100      |
| 10193 UECKERMUENDE                 | 5345N    | 01404E    | 2         |           | 1017.4       | 1017.6         | 18.5        |        | 16.0           |        | 9             | 30    |        | 2        | 231      | 100      |
| 10200 EMDEN-FLUGPLATZ              | 5323N    | 00714E    | -2        |           | 1017.2       | 1017.0         | 17.7        |        | 15.5           |        | 12            | 74    |        |          | 226      | 115      |
| 10224 BREMEN                       | 5303N    | 00848E    | 5         |           | 1016.7       | 1017.3         | 18.3        |        | 14.6           |        | 7             | 39    |        | 1        | 231      | 120      |

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|---------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                           |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 10249 BOIZENBURG          | 5324N    | 01041E    | 46        |           | 1012.3       | 1017.8         | 18.2        |        | 14.3           |        | 6             | 37    |        |          | 230      | 110      |
| 10261 SEEHAUSEN           | 5254N    | 01144E    | 23        |           | 1015.2       | 1017.9         | 18.7        |        | 14.5           |        | 6             | 29    |        |          | 225      | 115      |
| 10264 MARNITZ             | 5319N    | 01156E    | 87        |           | 1007.3       | 1017.6         | 18.3        |        | 14.4           |        | 9             | 36    |        | 2        | 219      | 110      |
| 10270 NEURUPPIN           | 5254N    | 01249E    | 45        |           | 1012.9       | 1018.2         | 18.5        |        | 15.2           |        | 9             | 83    |        | 5        | 231      | 110      |
| 10291 ANGERMUENDE         | 5302N    | 01400E    | 55        |           | 1011.5       | 1018.0         | 18.6        |        | 15.2           |        | 9             | 47    |        | 3        | 226      | 100      |
| 10305 LINGEN              | 5231N    | 00718E    | 26        |           | 1014.6       | 1017.7         | 18.6        |        | 14.3           |        | 7             | 34    |        | 1        | 213      | 115      |
| 10309 AHAUS               | 5204N    | 00656E    | 47        |           | 1012.2       | 1017.7         | 18.0        |        | 14.8           |        | 8             | 44    |        |          | 219      | 115      |
| 10315 MUENSTER/OSNABRUECK | 5208N    | 00742E    | 53        |           | 1011.6       | 1017.8         | 18.6        |        | 13.5           |        | 9             | 33    |        |          | 219      | 115      |
| 10321 DIEPHOLZ            | 5235N    | 00821E    | 43        |           | 1012.4       | 1017.5         | 18.0        |        | 14.5           |        | 8             | 48    |        | 2        | 218      | 115      |
| 10325 BAD SALZUFLEN       | 5206N    | 00845E    | 139       |           | 1001.5       | 1017.5         | 18.3        |        | 14.6           |        | 8             | 35    |        | 1        | 203      | 110      |
| 10338 HANNOVER            | 5228N    | 00941E    | 59        |           | 1010.9       | 1017.9         | 18.6        | 1.7    | 14.2           | -3     | 9             | 38    | -26    | 1        | 219      | 101      |
| 10348 BRAUNSCHWEIG        | 5218N    | 01027E    | 88        |           | 1007.6       | 1017.9         | 18.7        |        | 14.0           |        | 6             | 44    |        | 2        | 221      | 110      |
| 10359 GARDELEGEN          | 5231N    | 01124E    | 48        |           | 1012.6       | 1018.2         | 18.5        |        | 14.4           |        | 7             | 56    |        | 3        | 221      | 110      |
| 10361 MAGDEBURG           | 5206N    | 01135E    | 85        |           | 1007.9       | 1017.9         | 19.4        |        | 14.3           |        | 4             | 24    |        | 1        | 219      | 105      |
| 10365 GENTHIN             | 5223N    | 01210E    | 39        |           | 1013.8       | 1018.3         | 18.9        |        | 14.0           |        | 5             | 23    |        |          | 215      | 105      |
| 10379 POTSDAM             | 5223N    | 01304E    | 100       |           | 1006.3       | 1018.0         | 19.1        | 1.6    | 15.3           | 1.1    | 8             | 46    | -14    | 2        | 235      | 107      |
| 10382 BERLIN-TEGEL        | 5234N    | 01319E    | 37        |           | 1013.6       | 1017.9         | 19.6        |        | 14.7           |        | 7             | 49    |        |          | 220      | 105      |
| 10384 BERLIN-TEMPELHOF    | 5228N    | 01324E    | 50        |           | 1011.9       | 1017.7         | 19.7        |        | 14.5           |        | 9             | 51    |        | 3        | 215      | 100      |
| 10385 BERLIN-SCHOENEFELD  | 5223N    | 01332E    | 48        |           | 1012.0       | 1018.0         | 19.1        |        | 15.0           |        | 9             | 52    |        |          | 227      |          |
| <b>10393 LINDENBERG</b>   | 5213N    | 01407E    | 112       |           | 1005.4       | 1017.6         | 19.1        | 1.5    | 14.8           | .9     | 6             | 44    | -19    | 2        | 224      | 103      |
| 10396 MANSCHNOW           | 5233N    | 01433E    | 16        |           | 1016.5       | 1018.0         | 19.1        |        | 15.4           |        | 7             | 53    |        |          | 236      | 110      |
| 10400 DUESSELDORF         | 5118N    | 00646E    | 45        |           | 1013.1       | 1017.9         | 19.2        |        | 13.8           |        | 8             | 28    |        |          | 203      | 110      |
| 10410 ESSEN-BREDENEY      | 5124N    | 00658E    | 161       |           | 1000.3       | 1017.8         | 18.8        | 1.6    | 13.8           | -5     | 8             | 36    | -41    | 1        | 210      | 115      |
| 10418 LUEDENSCHIED        | 5115N    | 00739E    | 392       |           | 972.8        | 1018.0         | 17.0        |        | 13.5           |        | 9             | 36    |        |          | 205      | 110      |
| 10424 WERL                | 5134N    | 00753E    | 86        |           | 1007.7       | 1017.8         | 18.6        |        | 14.7           |        | 9             | 62    |        |          | 207      | 110      |
| 10427 KAHLER ASTEN        | 5111N    | 00829E    | 859       |           | 920.4        | 1017.9         | 14.6        |        | 12.3           |        | 9             | 71    |        | 1        | 186      | 110      |
| 10430 BAD LIPPSRINGE      | 5147N    | 00850E    | 158       |           | 999.1        | 1017.6         | 18.6        |        | 13.8           |        | 7             | 39    |        | 1        | 209      | 115      |
| 10442 ALFELD              | 5157N    | 00948E    | 145       |           | 1000.9       | 1018.0         | 17.9        |        | 14.2           |        | 6             | 36    |        |          | 202      | 115      |
| 10444 GOETTINGEN          | 5130N    | 00957E    | 175       |           | 998.3        | 1018.0         | 18.1        |        | 14.0           |        | 5             | 47    |        | 2        | 201      | 110      |
| 10449 LEINEFELDE          | 5124N    | 01019E    | 356       |           | 976.9        | 1017.9         | 17.7        |        | 13.3           |        | 8             | 37    |        | 2        | 191      | 100      |
| 10453 BROCKEN             | 5148N    | 01037E    | 1153      |           | 888.2        | 1017.9         | 12.1        |        | 11.4           |        | 9             | 79    |        | 2        | 186      | 115      |
| 10460 ARTERN              | 5123N    | 01118E    | 166       |           | 998.7        | 1018.1         | 18.8        |        | 14.4           |        | 8             | 55    |        | 4        | 228      | 120      |
| 10469 LEIPZIG-SCHKEUDITZ  | 5126N    | 01214E    | 141       |           | 1002.1       | 1017.9         | 19.1        |        | 14.8           |        | 9             | 60    |        |          | 223      | 115      |
| 10474 WITTENBERG          | 5153N    | 01239E    | 106       |           | 1005.5       | 1018.0         | 19.0        |        | 13.9           |        | 7             | 54    |        | 2        | 232      | 110      |
| 10480 OSCHATZ             | 5118N    | 01306E    | 152       |           | 1000.4       | 1018.0         | 18.9        |        | 14.7           |        | 6             | 36    |        |          | 225      | 110      |
| 10488 DRESDEN-KLOTZSCHE   | 5108N    | 01345E    | 232       |           | 990.9        | 1018.0         | 18.8        |        | 14.4           |        | 7             | 30    |        |          | 241      | 120      |
| 10496 COTTBUS             | 5146N    | 01419E    | 70        |           | 1009.9       | 1018.0         | 19.1        |        | 14.8           |        | 5             | 25    |        | 1        | 226      | 105      |
| 10499 GOERLITZ            | 5110N    | 01457E    | 240       |           | 990.2        | 1018.2         | 18.5        | 1.6    | 14.3           | .1     | 8             | 53    | -21    | 2        | 262      | 125      |
| 10506 NUERBURG-BARWEILER  | 5022N    | 00652E    | 488       |           | 961.8        | 1018.1         | 17.0        |        | 13.2           |        | 5             | 26    |        |          | 207      | 110      |
| 10513 KOELN/BONN          | 5052N    | 00710E    | 100       |           | 1005.9       | 1017.6         | 18.5        |        | 14.8           |        | 6             | 24    |        | 1        | 200      | 110      |
| 10519 BONN-ROLEBER        | 5044N    | 00712E    | 162       |           | 999.1        | 1017.9         | 18.3        |        | 14.8           |        | 9             | 36    |        |          | 200      | 110      |
| 10526 BAD MARIENBERG      | 5040N    | 00758E    | 555       |           | 955.0        | 1017.8         | 16.7        |        | 12.9           |        | 8             | 50    |        |          | 207      | 115      |
| 10532 GIESSEN             | 5035N    | 00842E    | 195       |           | 993.9        | 1017.9         | 18.3        |        | 13.7           |        | 6             | 35    |        | 2        | 228      | 120      |
| 10542 BAD HERSFELD        | 5051N    | 00944E    | 273       |           | 986.3        | 1017.9         | 17.8        |        | 13.7           |        | 7             | 35    |        | 2        | 206      | 95       |
| 10544 WASSERKUPPE         | 5030N    | 00957E    | 925       |           | 913.4        | 1017.9         | 14.9        |        | 12.5           |        | 8             | 72    |        | 2        | 209      | 110      |
| 10548 MEININGEN           | 5034N    | 01023E    | 453       |           | 965.7        | 1017.9         | 17.4        |        | 13.1           |        | 7             | 45    |        |          | 208      | 105      |

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|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 10554 ERFURT-BINDERSLEBEN      | 5059N    | 01058E    | 322       |           | 980.5        | 1017.9         | 18.2        |        | 13.5           |        | 6             | 31    |        | 2        | 207      | 100      |
| 10557 NEUHAUS A.R.             | 5030N    | 01108E    | 851       |           | 921.5        |                | 15.4        |        | 12.3           |        | 8             | 38    |        |          | 191      | 105      |
| 10567 GERA-LEUMNITZ            | 5053N    | 01208E    | 312       |           | 981.8        | 1018.0         | 18.3        |        | 14.0           |        | 9             | 41    |        | 2        | 207      | 105      |
| 10578 FICHELBERG               | 5026N    | 01257E    | 1215      |           | 882.9        |                | 12.9        | 1.7    | 11.6           | .7     | 10            | 131   | 25     | 4        | 204      | 108      |
| 10609 TRIER-PETRISBERG         | 4945N    | 00640E    | 273       |           | 986.3        | 1018.1         | 18.3        | 1.2    | 14.6           | .4     | 8             | 55    | -16    | 2        | 233      | 117      |
| 10637 FRANKFURT/M-FLUGHAFEN    | 5063N    | 00836E    | 113       |           | 1004.8       | 1018.0         | 19.9        |        | 14.3           |        | 6             | 48    |        | 3        | 221      | 110      |
| 10655 WUERZBURG                | 4946N    | 00958E    | 272       |           | 986.1        | 1017.7         | 18.8        |        | 15.2           |        | 8             | 109   |        | 5        | 225      | 110      |
| 10675 BAMBERG                  | 4953N    | 01055E    | 243       |           | 989.9        | 1018.1         | 17.6        |        | 15.5           |        | 7             | 101   |        | 5        | 217      | 110      |
| 10685 HOF                      | 5019N    | 01153E    | 568       |           | 952.5        | 1017.5         | 16.8        |        | 13.1           |        | 8             | 44    |        | 1        | 202      | 105      |
| 10688 WEIDEN                   | 4940N    | 01211E    | 439       |           | 967.7        | 1018.0         | 17.7        |        | 13.9           |        | 8             | 75    |        | 4        | 215      | 105      |
| 10708 SAARBRUECKEN/ENSHEIM     | 4913N    | 00707E    | 322       |           | 980.9        | 1018.1         | 18.1        |        | 14.2           |        | 6             | 61    |        | 3        | 228      | 105      |
| 10729 MANNHEIM                 | 4931N    | 00833E    | 100       |           | 1006.2       | 1017.9         | 19.8        |        | 14.6           |        | 7             | 58    |        | 4        | 225      | 105      |
| 10731 RHEINSTETTEN             | 4858N    | 00819E    | 118       |           | 1004.0       | 1017.8         | 19.5        |        | 16.5           |        | 8             | 92    |        |          | 242      | 110      |
| 10738 STUTTGART-ECHTERDINGEN   | 4841N    | 00914E    | 396       |           | 972.8        | 1018.0         | 18.6        |        | 14.6           |        | 8             | 59    |        | 2        | 240      | 115      |
| 10742 OEHRINGEN                | 4913N    | 00931E    | 277       |           | 986.1        | 1018.0         | 18.9        |        | 15.1           |        | 6             | 76    |        | 4        | 239      | 110      |
| 10763 NUERNBERG                | 4930N    | 01103E    | 319       |           | 980.9        | 1017.7         | 18.5        | .9     | 14.9           | .9     | 8             | 57    | -10    | 2        | 228      | 106      |
| 10776 REGENSBURG               | 4903N    | 01206E    | 371       |           | 975.1        | 1017.8         | 18.7        |        | 14.7           |        | 7             | 72    |        | 3        | 224      | 105      |
| 10788 STRAUBING                | 4850N    | 01234E    | 360       |           | 976.2        | 1017.8         | 18.8        |        | 14.7           |        | 6             | 64    |        |          | 248      | 115      |
| 10791 GROSSER ARBER            | 4907N    | 01308E    | 1446      |           | 859.2        |                | 12.8        |        | 11.0           |        | 9             | 157   |        |          | 203      | 100      |
| 10805 LAHR                     | 4822N    | 00750E    | 157       |           | 999.7        | 1018.0         | 19.3        |        | 16.5           |        | 6             | 78    |        | 3        | 249      | 110      |
| 10815 FREUDENSTADT             | 4827N    | 00825E    | 801       |           | 927.3        |                | 16.1        |        | 13.0           |        | 11            | 99    |        | 3        | 226      | 105      |
| 10836 STOETTEN                 | 4840N    | 00952E    | 737       |           | 934.1        | 1017.8         | 16.7        |        | 13.7           |        | 10            | 97    |        | 3        | 230      | 105      |
| 10852 AUGSBURG                 | 4826N    | 01056E    | 477       |           | 962.9        | 1017.8         | 17.5        |        | 14.8           |        | 8             | 153   |        | 5        | 248      | 115      |
| 10870 MUENCHEN, FLUGHAFEN      | 4822N    | 01149E    | 453       |           | 966.4        | 1017.8         | 18.1        | 1.5    | 14.8           | 1.1    | 7             | 71    | -27    | 2        | 252      | 120      |
| 10895 FUERSTENZELL             | 4833N    | 01321E    | 480       |           | 962.9        | 1017.5         | 18.8        |        | 15.0           |        | 9             | 81    |        |          | 244      | 115      |
| 10908 FELDBERG/SCHWARZWALD     | 4753N    | 00800E    | 1493      |           | 854.2        |                | 12.2        |        | 11.3           |        | 10            | 95    |        | 1        | 216      | 115      |
| 10929 KONSTANZ                 | 4741N    | 00911E    | 447       |           | 966.7        | 1017.6         | 19.6        | 1.9    | 15.3           | .1     | 9             | 53    | -35    | 2        | 260      | 121      |
| 10946 KEMPTEN                  | 4743N    | 01020E    | 705       |           | 937.8        | 1017.8         | 17.2        |        | 14.1           |        | 12            | 114   |        | 2        | 233      | 110      |
| 10948 OBERSTDORF               | 4724N    | 01017E    | 812       |           | 926.7        |                | 16.1        |        | 14.1           |        | 14            | 143   |        | 1        | 198      | 110      |
| 10961 ZUGSPITZE                | 4725N    | 01059E    | 2962      |           | 716.0        |                | 4.0         | 1.8    | 6.6            | .3     | 12            | 118   | -52    | 2        | 185      | 104      |
| <b>10962 HOHENPEISSENBERG</b>  | 4748N    | 01101E    | 986       |           | 907.2        |                | 16.5        | 1.9    | 13.5           | .8     | 10            | 187   | 31     | 4        | 242      | 115      |
| <b>AUSTRIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>11012 KREMSMUNSTER</b>      | 4803N    | 01408E    | 389       |           | 972.5        | 1017.2         | 19.8        |        | 21.6           |        | 11            | 168   |        | 5        | 257      | 120      |
| 11035 WIEN/HOHE WARTE          | 4815N    | 01622E    | 200       |           | 992.8        | 1016.7         | 21.3        |        | 16.2           | 1.3    | 7             | 60    | 2      | 3        | 282      | 124      |
| 11120 INNSBRUCK-FLUGHAFEN      | 4716N    | 01121E    | 584       |           | 949.3        | 1016.7         | 19.2        |        | 14.8           |        | 9             | 124   |        | 4        | 254      | 125      |
| <b>11146 SONNBLICK</b>         | 4703N    | 01257E    | 3111      |           | 702.5        |                | 3.6         |        | 6.5            | .1     | 15            | 133   | -93    | 3        | 187      | 110      |
| 11150 SALZBURG-FLUGHAFEN       | 4748N    | 01300E    | 450       |           | 965.7        | 1017.3         | 19.4        |        | 15.7           | 1.0    | 15            | 134   | -19    | 3        | 208      | 101      |
| 11155 FEUERKOGEL               | 4749N    | 01343E    | 1621      |           | 841.8        |                | 12.8        |        | 11.4           |        | 13            | 189   |        | 2        | 208      | 120      |
| 11212 VILLACHERALPE            | 4636N    | 01340E    | 2160      |           | 789.2        |                | 10.7        |        | 9.5            |        | 13            | 208   |        | 4        | 266      | 130      |
| 11231 KLAGENFURT-FLUGHAFEN     | 4639N    | 01420E    | 476       |           | 962.4        | 1016.6         | 20.8        |        | 14.0           | -9     | 9             | 87    | -14    | 2        | 284      | 122      |
| 11240 GRAZ-THALERHOF-FLUGHAFEN | 4700N    | 01526E    | 347       |           | 975.0        | 1016.6         | 20.7        |        | 14.9           | -1.2   | 9             | 140   | 25     | 5        | 270      | 123      |
| <b>CZECH REPUBLIC</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 11423 PRIMDA                   | 4940N    | 01240E    | 748       |           | 933.1        |                | 16.5        |        | 12.8           |        | 8             | 88    |        | 4        | 228      | 110      |

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| STATION                        | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>11464 MILESOVKA</b>         | 5033N    | 01356E    | 836       |           | 922.7        |                | 16.0        |        | 12.8           |        | 8             | 82    |        | 4        | 240      | 110      |
| 11487 KOCELOVICE               | 4928N    | 01350E    | 522       |           | 958.0        | 1017.9         | 17.5        |        | 13.7           |        | 11            | 99    |        | 4        | 250      | 110      |
| 11518 PRAHA/RUZYNE             | 5006N    | 01415E    | 380       |           | 975.8        | 1018.1         | 18.0        | 1.4    | 14.2           | .4     | 9             | 145   | 76     | 5        | 248      | 117      |
| 11520 PRAHA-LIBUS              | 5001N    | 01427E    | 303       |           | 982.8        | 1018.1         | 19.0        |        | 14.5           |        | 11            | 121   |        | 5        | 232      | 105      |
| 11603 LIBEREC                  | 5046N    | 01501E    | 405       |           | 971.6        | 1018.1         | 17.5        |        | 13.7           |        | 9             | 65    |        |          | 225      |          |
| 11659 PRIBYSLAV                | 4935N    | 01546E    | 536       |           | 956.1        | 1017.7         | 17.3        |        | 13.3           |        | 7             | 65    |        | 3        | 247      | 120      |
| 11723 BRNO/TURANY              | 4909N    | 01642E    | 246       |           | 988.8        | 1017.3         | 20.7        | 2.6    | 14.2           | .2     | 6             | 93    | 37     | 5        | 264      | 122      |
| 11782 OSTRAVA/MOSNOV           | 4941N    | 01807E    | 260       |           | 988.6        | 1017.9         | 19.2        | 2.0    | 14.5           | .1     | 8             | 63    | -28    | 2        | 269      | 133      |
| <b>SLOVAKIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 11826 PIESTANY                 | 4837N    | 01750E    | 164       |           | 998.2        | 1017.2         | 20.8        |        | 15.0           |        | 8             | 95    |        |          | 273      | 120      |
| 11858 HURBANOVO                | 4752N    | 01812E    | 124       |           | 1002.5       | 1016.9         | 22.1        | 2.6    | 15.1           | -2     | 6             | 56    | -1     | 3        | 270      | 114      |
| 11903 SLIAC                    | 4839N    | 01909E    | 315       |           | 980.2        | 1016.4         | 21.0        | 3.7    | 14.7           | .5     | 6             | 101   | 32     | 4        | 271      | 129      |
| <b>11934 POPRAD/TATRY</b>      | 4904N    | 02015E    | 696       |           | 938.5        |                | 17.3        | 2.5    | 13.4           | .9     | 6             | 35    | -33    | 1        | 255      | 123      |
| <b>POLAND</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>12120 LEBA</b>              | 5445N    | 01732E    | 6         |           | 1017.5       | 1017.9         | 17.6        |        | 16.1           |        | 10            | 93    |        | 4        | 265      |          |
| 12160 ELBLAG                   | 5410N    | 01926E    | 43        |           |              | 1018.1         | 17.5        |        | 15.7           |        | 8             | 55    |        | 2        | 270      | 130      |
| 12205 SZCZECIN                 | 5324N    | 01437E    | 7         |           | 1017.1       | 1017.9         | 18.6        | 1.4    | 15.7           | .8     | 5             | 36    | -19    | 2        | 249      | 125      |
| 12295 BIALYSTOK                | 5306N    | 02310E    | 151       |           | 1000.1       | 1018.0         | 17.4        | 1.1    | 15.0           | .5     | 7             | 65    | -5     | 2        | 293      | 135      |
| 12330 POZNAN                   | 5225N    | 01651E    | 84        |           | 1007.8       | 1018.2         | 19.6        | 2.2    | 15.0           | .9     | 9             | 38    | -19    | 2        | 289      | 140      |
| 12375 WARSZAWA-OKECIE          | 5210N    | 02058E    | 106       |           | 1005.5       | 1018.1         | 19.7        | 2.4    | 14.7           | .1     | 6             | 60    | -2     | 3        | 341      | 160      |
| <b>12385 SIEDLCE</b>           | 5215N    | 02215E    | 155       |           | 999.8        | 1018.1         | 18.3        |        | 15.1           |        | 6             | 44    |        | 2        | 283      |          |
| 12424 WROCLAW II               | 5106N    | 01653E    | 124       |           | 1003.6       | 1018.3         | 19.2        | 2.0    | 15.3           | .5     | 9             | 66    | -12    | 3        | 277      | 141      |
| 12497 WLODAWA                  | 5133N    | 02332E    | 179       |           | 996.9        | 1018.1         | 18.8        |        | 14.8           |        | 2             | 15    |        | 1        | 281      | 120      |
| 12566 KRAKOW                   | 5005N    | 01948E    | 237       |           | 989.8        | 1018.2         | 19.1        | 2.2    | 14.5           | -.4    | 2             | 21    | -66    | 1        |          |          |
| <b>HUNGARY</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 12843 BUDAPEST/PESTSZENTLORINC | 4726N    | 01911E    | 139       |           | 1000.2       | 1016.4         | 23.5        | 3.3    | 14.3           | -.8    | 3             | 54    | 3      | 3        | 301      | 119      |
| 12882 DEBRECEN                 | 4729N    | 02136E    | 109       |           | 1003.4       | 1016.0         | 22.5        | 2.9    | 14.6           | -1.4   | 5             | 35    | -26    | 2        | 344      | 132      |
| <b>12942 PECS/POGANY</b>       | 4600N    | 01814E    | 203       |           | 993.0        | 1016.4         | 22.9        | 2.8    | 14.7           | -.7    | 5             | 82    | 19     | 4        | 283      | 106      |
| 12982 SZEGED                   | 4615N    | 02006E    | 83        |           | 1006.2       | 1015.9         | 23.1        | 2.9    | 15.8           | .0     | 3             | 26    | -31    | 1        | 322      | 121      |
| <b>SERBIA AND MONTENEGRO</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 13274 BEOGRAD                  | 4448N    | 02028E    | 132       |           | 1000.5       | 1015.1         | 25.1        | 3.8    | 16.5           | .5     | 6             | 40    | -11    | 2        | 302      | 114      |
| 13388 NIS                      | 4320N    | 02154E    | 202       |           | 991.5        | 1014.9         | 24.9        |        | 15.3           |        | 3             | 38    |        | 3        | 300      | 110      |
| <b>SLOVENIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14008 KREDARICA                | 4623N    | 01351E    | 2515      |           | 876.1        |                | 7.9         |        | 7.2            |        | 10            | 144   |        | 2        | 213      | 125      |
| 14015 LJUBLJANA/BEZIGRAD       | 4604N    | 01431E    | 299       |           | 982.4        | 1016.5         | 22.5        |        | 15.6           |        | 10            | 105   |        | 1        | 293      | 130      |
| <b>CROATIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

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| STATION                       | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                               |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 14236 ZAGREB/GRIC             | 4549N    | 01559E    | 162       |           | 997.2        | 1015.9         | 23.8        |        | 16.5           |        | 9             | 111   |        | 4        | 261      | 105      |
| 14445 SPLIT/MARJAN            | 4331N    | 01626E    | 128       |           | 999.1        | 1013.6         | 27.6        |        | 18.1           |        | 1             | 6     |        | 1        | 341      | 110      |
| <b>BOSNIA AND HERZEGOVINA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14542 BANJA LUKA              | 4447N    | 01713E    | 156       |           | 998.7        | 1016.7         | 23.5        |        | 16.0           |        | 4             | 36    |        | 1        | 263      | 110      |
| 14557 TUZLA                   | 4433N    | 01842E    | 307       |           | 981.7        | 1016.4         | 24.5        |        | 16.3           |        | 9             | 36    |        | 2        | 263      | 115      |
| 14648 MOSTAR                  | 4321N    | 01748E    | 108       |           | 1002.6       | 1013.8         | 27.6        |        | 19.2           |        | 4             | 36    |        | 2        | 345      | 115      |
| 14652 BJELASNICA              | 4343N    | 01816E    | 2070      |           | 799.5        | 1011.6         | 11.9        |        | 10.0           |        | 9             | 99    |        | 3        | 279      | 130      |
| 14654 SARAJEVO-BJELAVE        | 4352N    | 01826E    | 638       |           | 944.5        | 1015.2         | 21.5        | 3.0    | 13.8           | .0     | 9             | 38    | -32    | 1        | 259      | 109      |
| <b>ROMANIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 15023 SUCEAVA                 | 4738N    | 02615E    | 352       |           | 974.9        | 1016.0         | 19.3        |        | 15.3           |        | 3             | 43    |        | 2        | 251      | 100      |
| 15085 BISTRITA                | 4709N    | 02431E    | 367       |           | 973.3        | 1015.7         | 21.5        | 3.9    | 14.9           | -7     | 5             | 55    | -13    | 3        | 296      | 115      |
| 15090 IASI                    | 4710N    | 02738E    | 104       |           |              | 1017.0         | 21.4        | 1.5    | 16.0           | -2     | 3             | 50    | -6     | 3        | 280      | 104      |
| 15120 CLUJ-NAPOCA             | 4647N    | 02334E    | 414       |           | 968.7        | 1016.1         | 21.1        | 3.3    | 16.0           | .7     | 6             | 52    | -8     | 3        | 248      | 95       |
| 15247 TIMISOARA               | 4546N    | 02115E    | 88        |           | 1005.1       | 1015.1         | 23.9        | 3.5    | 15.9           | -5     | 6             | 51    | 1      | 3        | 262      | 94       |
| 15260 SIBIU                   | 4548N    | 02409E    | 444       |           | 965.0        | 1016.0         | 21.0        | 2.9    | 16.3           | .7     | 11            | 118   | 50     | 5        | 259      | 112      |
| 15280 VARFU OMU               | 4527N    | 02527E    | 2509      |           | 756.9        | 1015.7         | 7.6         | 2.3    | 8.8            | .9     | 11            | 161   | 47     | 5        | 163      | 98       |
| 15292 CARANSEBES              | 4525N    | 02215E    | 242       |           | 987.9        | 1015.9         | 22.8        |        | 16.1           |        | 6             | 122   |        | 5        | 270      | 105      |
| 15310 GALATI                  | 4529N    | 02802E    | 71        |           | 1007.9       | 1016.0         | 23.8        | 2.4    | 16.0           | -1.0   | 4             | 21    | -25    | 2        | 272      | 92       |
| 15350 BUZAU                   | 4509N    | 02649E    | 97        |           | 1004.9       | 1016.3         | 23.5        |        | 16.3           |        | 5             | 32    |        | 2        | 324      | 115      |
| 15360 SULINA                  | 4510N    | 02944E    | 9         |           | 1013.5       | 1014.8         | 23.8        | 1.9    | 20.9           | .0     | 2             | 5     | -23    | 1        | 319      | 109      |
| 15420 BUCURESTI BANEASA       | 4430N    | 02608E    | 91        |           | 1005.0       | 1015.6         | 23.5        | 2.3    | 16.4           | -6     | 4             | 22    | -36    | 1        | 271      | 96       |
| 15450 CRAIOVA                 | 4419N    | 02352E    | 195       |           | 992.8        | 1015.1         | 24.2        | 2.9    | 15.9           | -1.3   | 8             | 40    | -6     | 4        | 265      | 91       |
| 15480 CONSTANTA               | 4413N    | 02839E    | 14        |           | 1013.4       | 1015.0         | 24.6        | 2.8    | 20.1           | .4     | 4             | 23    | -10    | 2        | 336      | 108      |
| <b>BULGARIA</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 15502 VIDIN                   | 4359N    | 02251E    | 595       |           | 1011.2       | 1014.9         | 24.3        |        | 18.3           |        | 2             | 8     |        | 2        | 324      | 115      |
| 15552 VARNA                   | 4312N    | 02757E    | 43        |           | 1009.9       | 1014.5         | 24.2        | 2.4    | 19.5           | .9     | 1             | 17    | -15    | 2        | 353      | 126      |
| 15614 SOFIA (OBSERV.)         | 4239N    | 02323E    | 595       |           | 947.9        | 1014.5         | 22.8        | 2.1    | 14.0           | .2     | 3             | 13    | -36    | 1        | 341      | 125      |
| 15730 KURDJALI                | 4139N    | 02523E    | 331       |           | 976.6        | 1013.5         | 24.6        |        | 21.9           |        | 0             | 0     |        | 0        | 326      | 105      |
| <b>MALTA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16597 LUQA                    | 3551N    | 01429E    | 91        |           | 1004.3       | 1014.7         | 27.5        | 1.2    | 24.6           | .9     | 2             | 26    | 19     | 5        | 320      | 95       |
| <b>GREECE</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16622 THESSALONIKI (AIRPORT)  | 4031N    | 02258E    | 8         |           | 1013.2       | 1013.3         | 28.7        | 2.9    | 15.9           | -2.2   | 5             | 14    | -6     | 2        | 335      | 114      |
| 16641 KERKYRA (AIRPORT)       | 3937N    | 01955E    | 4         |           | 1011.7       | 1012.1         | 29.5        | 3.4    | 24.5           | 4.2    | 0             | 0     | -17    | 1        | 336      | 101      |
| 16648 LARISSA (AIRPORT)       | 3938N    | 02225E    | 74        |           | 1005.0       | 1013.2         | 28.5        | 2.5    | 12.8           | -3.3   | 0             | 0     | -15    | 1        | 341      | 107      |
| 16723 SAMOS (AIRPORT)         | 3742N    | 02655E    | 7         |           | 1006.9       | 1008.3         | 29.7        | 2.0    | 18.8           | 1.9    | 0             | 0     | -1     | 0        |          |          |
| 16726 KALAMATA (AIRPORT)      | 3704N    | 02201E    | 8         |           | 1011.1       | 1011.7         | 27.7        | 1.5    | 18.6           | -1.7   | 2             | 5     | -5     | 5        | 347      | 103      |
| 16746 SOUDA (AIRPORT)         | 3529N    | 02407E    | 151       |           | 993.9        | 1011.2         | 26.8        | 1.0    | 19.7           | 1.7    | 0             | 0     | -1     | 0        | 380      | 106      |
| 16754 HERAKLION (AIRPORT)     | 3520N    | 02511E    | 39        |           | 1006.0       | 1010.5         | 26.5        | .6     | 23.0           | 3.4    | 0             | 0     | -1     | 4        | 353      | 102      |

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>TURKEY</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 17022 ZONGULDAK                    | 4127N    | 03148E    | 137       |           | 997.9        | 1013.5         | 23.1        | 1.8    | 21.3           | 3.0    | 2             | 20    |        |          | 338      | 115      |
| 17030 SAMSUN                       | 4117N    | 03618E    | 4         |           | 1012.0       | 1012.6         | 24.6        | 1.9    | 20.5           | .1     | 5             | 0027  | 0007   | 6        | 293      | 130      |
| 17034 GIRE SUN                     | 4055N    | 03823E    | 37        |           | 1008.2       | 1012.9         | 24.7        | 2.3    | 20.1           | -8     | 4             | 14    | -76    | 0        |          |          |
| <b>17040 RIZE</b>                  | 4102N    | 04031E    | 9         |           | 1011.4       | 1012.6         | 24.2        | 2.0    | 20.5           | -9     | 6             | 58    | -124   | 1        | 210      | 135      |
| 17050 EDIRNE                       | 4140N    | 02634E    | 51        |           | 1008.3       | 1013.9         | 26.9        | 3.4    | 16.1           | .4     |               |       |        |          | 372      | 120      |
| <b>17062 ISTANBUL/GOZTEPE</b>      | 4058N    | 02905E    | 33        |           | 1010.9       | 1013.0         | 26.4        | 3.4    | 21.3           | 1.5    | 0             | 0     | -26    | 1        |          |          |
| <b>17074 KASTAMONU</b>             | 4122N    | 03347E    | 800       |           | 923.6        | 1012.6         | 20.0        | .7     | 12.7           | -1     | 2             | 26    | -5     | 3        | 288      | 95       |
| 17084 CORUM                        | 4033N    | 03457E    | 776       |           | 925.4        | 1011.3         | 21.1        | .7     | 11.6           | -1.1   | 1             | 7     | -7     | 3        | 305      | 100      |
| <b>17090 SIVAS</b>                 | 3945N    | 03701E    | 1285      |           | 870.6        | 1008.4         | 20.0        | .5     | 9.5            | -1.5   |               |       |        |          | 382      | 105      |
| 17092 ERZINCAN                     | 3942N    | 03931E    | 1154      |           | 875.9        | 1005.0         | 23.8        | .6     | 9.7            | -2.3   |               |       |        |          | 311      | 90       |
| 17096 ERZURUM                      | 3957N    | 04110E    | 1758      |           | 822.5        | 1004.3         | 19.5        | .3     | 9.6            | -1.0   | 2             | 5     | -13    | 2        | 338      | 100      |
| 17098 KARS                         | 4033N    | 04305E    | 1795      |           | 822.0        | 1008.1         | 16.7        | -.4    | 10.5           | -1.8   | 6             | 40    | 2      | 3        | 297      | 95       |
| 17112 CANAKKALE                    | 4008N    | 02624E    | 6         |           | 1012.2       | 1012.4         | 26.7        | 2.5    | 18.1           | -1.3   |               |       |        |          | 355      | 100      |
| 17116 BURSA                        | 4011N    | 02904E    | 100       |           | 1001.2       | 1012.7         | 25.7        | 2.2    | 16.9           | -3     | 1             | 2     | -18    | 2        | 230      | 70       |
| 17130 ANKARA/CENTRAL               | 3957N    | 03253E    | 891       |           | 912.4        | 1009.1         | 24.1        | 1.5    | 10.7           | -6     | 1             | 2     | -10    | 2        | 318      | 90       |
| 17155 KUTAHYA                      | 3925N    | 02958E    | 969       |           | 904.7        | 1010.3         | 21.8        |        | 12.3           |        | 1             | 5     |        | 3        | 307      | 105      |
| <b>17170 VAN</b>                   | 3827N    | 04319E    | 1669      |           | 830.3        | 1002.4         | 20.9        | -.3    | 10.3           | -6     |               |       |        |          | 248      | 70       |
| 17188 USAK                         | 3841N    | 02924E    | 919       |           | 908.6        | 1008.1         | 24.0        | 1.1    | 11.1           | -2.9   | 2             | 10    | 0      | 4        |          |          |
| 17190 AFYON                        | 3845N    | 03032E    | 1034      |           | 896.9        | 1008.6         | 22.7        | 1.3    | 11.1           | -6     | 1             | 4     | -7     | 2        | 345      | 100      |
| 17199 MALATYA/BOLGE                | 3821N    | 03819E    | 948       |           | 902.7        | 1003.6         | 27.3        |        | 7.8            |        | 0             | 0     |        | 4        | 203      | 55       |
| 17210 SIIRT                        | 3755N    | 04157E    | 896       |           | 905.7        | 1000.2         | 30.4        | .7     | 7.7            | -2.5   |               |       |        |          | 340      | 90       |
| 17220 IZMIR/GUZELYALI              | 3826N    | 02710E    | 29        |           | 1006.4       | 1009.2         | 28.7        | 1.8    | 17.4           | -1.1   | 1             | 20    | 17     | 6        | 375      | 100      |
| <b>17240 ISPARTA</b>               | 3745N    | 03033E    | 997       |           | 899.9        | 1007.3         | 23.7        | 1.1    | 11.5           | -5     | 2             | 15    | 7      | 4        | 319      | 90       |
| 17244 KONYA                        | 3758N    | 03233E    | 1032      |           | 897.0        | 1007.9         | 23.5        | .9     | 9.1            | -2.5   | 0             | 0     | -7     | 3        |          |          |
| 17250 NIGDE                        | 3758N    | 03441E    | 1210      |           | 878.1        | 1007.4         | 22.3        | .8     | 8.9            | -1.7   | 0             | 0     | -2     | 3        | 357      | 100      |
| 17255 KAHRAMANMARAS                | 3736N    | 03656E    | 572       |           | 940.8        | 1002.9         | 29.3        | 1.4    | 13.8           | -4.4   |               |       |        |          | 287      | 100      |
| 17270 SANLIURFA                    | 3708N    | 03846E    | 549       |           | 942.0        | 1001.3         | 31.6        | .7     | 10.0           | -2.6   |               |       |        |          | 342      | 95       |
| 17280 DIYARBAKIR                   | 3753N    | 04012E    | 687       |           | 928.0        | 1000.0         | 30.5        | .3     | 8.0            | -3.8   |               |       |        |          |          |          |
| 17285 HAKKARI                      | 3734N    | 04346E    | 1728      |           | 824.0        | 1001.3         | 24.6        | .4     | 7.2            | -3.4   |               |       |        |          | 273      | 80       |
| 17292 MUGLA                        | 3713N    | 02822E    | 646       |           | 936.4        | 1006.6         | 27.9        | 2.5    | 13.1           | -5     | 1             | 1     | -10    | 4        | 323      | 90       |
| 17300 ANTALYA                      | 3652N    | 03044E    | 64        |           | 1001.1       | 1006.4         | 29.7        | 2.0    | 21.4           | -3     |               |       |        |          |          |          |
| 17340 MERSIN                       | 3648N    | 03438E    | 3         |           | 1005.2       | 1006.3         | 29.8        | 2.1    | 26.1           | -1.9   |               |       |        |          | 326      | 105      |
| 17351 ADANA/BOLGE                  | 3659N    | 03521E    | 27        |           | 1002.8       | 1006.1         | 29.2        |        | 26.5           |        | 1             | 20    |        | 5        | 347      | 105      |
| <b>CYPRUS</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 17609 LARNACA AIRPORT              | 3453N    | 03338E    | 2         |           | 1005.7       | 1006.0         | 28.7        | 2.1    | 24.3           |        | 0             | 0     | 0      |          | 374      | 102      |
| <b>RUSSIAN FEDERATION (EUROPE)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 22113 MURMANSK                     | 6858N    | 03303E    | 51        |           | 1006.4       | 1012.4         | 14.3        | 3.5    | 12.1           | 1.9    | 9             | 42    | -36    | 2        | 237      | 154      |
| <b>22165 KANIN NOS</b>             | 6839N    | 04318E    | 49        |           | 1006.5       | 1012.5         | 11.6        | 3.2    | 12.1           | 2.2    | 8             | 26    | -21    | 2        | 217      | 167      |
| <b>22217 KANDALAKSHA</b>           | 6709N    | 03221E    | 25        |           | 1009.8       | 1012.9         | 14.8        | 2.9    | 12.5           | 1.4    | 6             | 38    | -24    | 2        | 256      | 138      |
| 22235 KRASNOSCEL'E                 | 6721N    | 03703E    | 156       |           | 994.6        | 1013.3         | 13.9        |        | 11.7           |        | 6             | 55    |        |          | 212      | 130      |

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| STATION                               | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                       |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 22471 MEZEN'                          | 6552N    | 04413E    | 19        |           | 1010.8       | 1012.8         | 14.8        |        | 13.3           |        | 14            | 107   |        | 5        | 238      | 130      |
| 22520 KEM'-PORT                       | 6459N    | 03448E    | 8         |           | 1012.4       | 1013.2         | 15.1        |        | 13.4           |        | 8             | 57    |        | 2        | 258      | 130      |
| <b>22550 ARHANGEL'SK</b>              | 6433N    | 04035E    | 4         |           | 1012.8       | 1013.8         | 15.5        | 2.3    | 13.9           | 1.9    | 11            | 58    | -6     | 2        | 218      | 107      |
| 22619 PADANY                          | 6316N    | 03325E    | 128       |           | 998.9        | 1014.3         | 15.8        |        | 13.6           |        | 11            | 94    |        | 4        | 255      |          |
| 22641 ONEGA                           | 6354N    | 03807E    | 13        |           | 1012.6       | 1014.1         | 15.7        | 2.0    | 14.0           | 1.6    | 11            | 127   | 51     | 5        | 253      | 118      |
| 22676 SURA                            | 6335N    | 04538E    | 62        |           | 1006.5       | 1014.0         | 15.6        |        | 14.1           |        | 10            | 70    |        | 2        |          |          |
| 22768 SHENKURSK                       | 6206N    | 04254E    | 45        |           | 1009.6       | 1015.0         | 16.7        |        | 13.9           |        | 9             | 35    |        | 1        | 250      | 110      |
| <b>22802 SORTAVALA</b>                | 6143N    | 03043E    | 19        |           | 1013.2       | 1015.4         | 16.3        | 1.7    | 15.0           | 1.8    | 9             | 96    | 17     | 4        | 253      | 113      |
| 22820 PETROZAVODSK                    | 6149N    | 03416E    | 110       |           | 1001.8       | 1014.9         | 16.4        | 2.4    | 13.9           | 1.1    | 11            | 66    | -17    | 2        | 273      | 125      |
| <b>22837 VYTEGRA</b>                  | 6101N    | 03627E    | 56        |           | 1008.8       | 1015.5         | 16.3        | 1.7    | 13.8           | .5     | 11            | 70    | -19    | 2        | 248      | 119      |
| <b>26063 ST.PETERSBURG (VOEJKOVO)</b> | 5958N    | 03018E    | 6         |           | 1015.2       | 1015.9         | 18.6        | 2.4    | 15.4           | 1.3    | 8             | 96    | 16     | 4        | 244      | 115      |
| 26157 GDOV                            | 5844N    | 02750E    | 40        |           | 1011.7       | 1016.5         | 16.9        |        | 15.2           |        | 10            | 61    |        |          | 264      |          |
| 26275 STARAYA RUSSA                   | 5801N    | 03119E    | 25        |           | 1013.9       | 1016.8         | 17.2        |        | 15.2           |        | 6             | 75    |        |          | 302      | 125      |
| 26359 PUSKINSKIE GORY                 | 5701N    | 02854E    | 108       |           | 1004.5       | 1017.3         | 17.3        |        | 15.4           |        | 11            | 78    |        |          |          |          |
| <b>26781 SMOLENSK</b>                 | 5445N    | 03204E    | 239       |           | 989.2        | 1017.1         | 16.8        | 1.2    | 13.9           | -2     | 5             | 31    | -42    |          | 253      | 110      |
| 26997 TRUBCHEVSK                      | 5235N    | 03346E    | 178       |           | 996.0        | 1017.0         | 18.1        |        | 14.5           |        | 9             | 57    |        | 2        |          |          |
| 27037 VOLOGDA                         | 5919N    | 03955E    | 130       |           | 1001.1       | 1016.5         | 16.1        | 1.4    | 14.3           | .8     | 6             | 30    | -41    | 1        | 223      | 103      |
| <b>27051 TOT'MA</b>                   | 5953N    | 04245E    | 134       |           | 999.9        | 1015.7         | 16.4        | 2.2    | 14.3           | 1.2    | 5             | 22    | -43    | 1        | 152      | 73       |
| 27333 KOSTROMA                        | 5744N    | 04047E    | 126       |           | 1001.6       | 1016.5         | 17.3        | 1.6    | 14.7           | 1.0    | 5             | 44    | -27    | 1        | 240      | 106      |
| 27459 NIZHNIJ NOVGOROD                | 5616N    | 04400E    | 157       |           | 997.1        | 1015.5         | 18.6        |        | 15.7           |        | 11            | 40    |        | 2        | 289      | 120      |
| <b>27595 KAZAN'</b>                   | 5536N    | 04917E    | 116       |           | 1000.4       | 1014.3         | 20.2        | 2.9    | 15.1           | 1.5    | 6             | 27    | -41    | 1        | 296      | 117      |
| <b>27612 MOSKVA</b>                   | 5550N    | 03737E    | 156       |           | 998.3        | 1016.6         | 18.3        | 1.9    | 15.4           | 1.5    | 10            | 78    | 2      |          |          |          |
| <b>27648 ELAT'MA</b>                  | 5457N    | 04146E    | 136       |           | 999.7        | 1015.7         | 18.5        | 1.8    | 16.1           | 2.0    | 8             | 86    | 24     | 5        | 275      | 112      |
| 27675 PORETSKOE                       | 5511N    | 04620E    | 136       |           | 998.6        | 1014.5         | 18.8        |        | 16.3           |        | 12            | 71    |        | 4        | 236      | 100      |
| 27707 SUHINICHI                       | 5406N    | 03521E    | 238       |           | 988.7        | 1016.5         | 17.7        |        | 14.6           |        | 5             | 29    |        |          |          |          |
| 27823 PAVELETS                        | 5347N    | 03915E    | 209       |           | 991.0        | 1015.4         | 18.7        | 1.8    | 14.6           | 1.1    | 8             | 53    | -4     | 3        | 277      | 116      |
| 27857 ZAMETCHINO                      | 5329N    | 04238E    | 131       |           | 999.5        | 1014.9         | 18.9        |        | 15.4           |        | 7             | 74    |        | 5        | 272      | 105      |
| 27995 SAMARA (BEZENCHUK)              | 5259N    | 04926E    | 46        |           | 1007.8       | 1013.2         | 20.4        |        | 16.2           |        | 6             | 58    |        | 4        | 274      | 100      |
| 34110 BOGORODITSKOE-FENINO            | 5110N    | 03721E    | 226       |           | 988.7        | 1015.0         | 19.2        |        | 15.1           |        | 6             | 72    |        | 3        | 268      |          |
| 34123 VORONEZ                         | 5142N    | 03913E    | 149       |           | 997.7        | 1015.1         | 20.5        |        | 15.3           |        | 7             | 88    |        | 5        |          |          |
| 34152 BALASHOV                        | 5133N    | 04309E    | 159       |           | 995.3        | 1013.8         | 20.6        |        | 14.7           |        | 4             | 23    |        | 2        |          |          |
| <b>34163 OKTJABR'SKIJ GORODOK</b>     | 5138N    | 04527E    | 201       |           | 990.5        | 1013.7         | 20.5        |        | 13.9           |        | 3             | 13    |        | 1        | 279      | 101      |
| 34186 ERSHOV                          | 5122N    | 04818E    | 111       |           | 1000.0       | 1012.9         | 21.8        |        | 13.6           |        | 4             | 30    |        | 3        | 288      | 100      |
| 34579 VERHNIJ BASKUNCHAK              | 4813N    | 04644E    | 34        |           | 1008.1       | 1012.1         | 23.6        |        | 12.9           |        | 3             | 16    |        | 1        |          |          |
| 34720 TAGANROG                        | 4712N    | 03854E    | 32        |           | 1008.7       | 1012.4         | 24.8        |        | 15.3           |        | 3             | 17    |        |          |          |          |
| 34740 GIGANT                          | 4631N    | 04121E    | 79        |           | 1002.9       | 1011.9         | 24.1        |        | 13.7           |        | 5             | 47    |        | 3        | 299      | 100      |
| <b>34866 YASHKUL'</b>                 | 4611N    | 04521E    | -7        |           | 1012.6       | 1011.8         | 24.0        | .0     | 14.1           | -7     | 2             | 14    | -6     |          |          |          |
| 34880 ASTRAHAN'                       | 4617N    | 04759E    | -21       |           | 1014.2       | 1011.7         | 23.9        | .6     | 15.5           | -6     | 3             | 14    | -3     | 3        |          |          |
| 34927 KRASNODAR-KRUGLIK               | 4503N    | 03902E    | 29        |           | 1008.4       | 1011.9         | 25.3        |        | 16.0           |        | 4             | 34    |        | 2        | 328      | 115      |
| 34949 STAVROPOL'                      | 4507N    | 04205E    | 452       |           | 960.8        | 1011.9         | 21.9        |        | 13.5           |        | 4             | 13    |        |          |          |          |
| 37001 ANAPA                           | 4453N    | 03717E    | 32        |           | 1008.0       | 1011.7         | 25.3        |        | 19.0           |        | 4             | 11    |        | 2        | 337      | 105      |
| 37061 BUDENNOVSK                      | 4447N    | 04408E    | 136       |           | 996.3        | 1011.8         | 23.5        |        | 15.1           |        | 6             | 53    |        |          | 317      |          |
| 37107 KRASNAYA POLYANA                | 4341N    | 04012E    | 569       |           | 947.9        | 1011.7         | 20.3        |        | 17.4           |        | 9             | 110   |        |          | 277      | 115      |
| 37126 SHADZHATMAZ                     | 4344N    | 04240E    | 2056      |           | 796.2        |                | 11.2        |        | 11.3           |        | 11            | 91    |        |          | 241      |          |
| 37228 VLADIKAVKAZ                     | 4303N    | 04439E    | 703       |           | 933.3        | 1011.8         | 20.1        |        | 15.1           |        | 8             | 27    |        | 1        | 234      | 115      |
| 37470 DERBENT                         | 4204N    | 04818E    | -18       |           | 1013.8       | 1011.7         | 25.2        |        | 20.4           |        | 4             | 13    |        | 1        | 269      | 125      |

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| STATION                       | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                               |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 37472 MAHACHKALA              | 4250N    | 04733E    | 32        |           | 1011.3       | 1013.5         | 24.2        | .2     | 19.5           | -.7    | 4             | 18    | -6     | 3        | 301      | 111      |
| 37663 AHY                     | 4128N    | 04745E    | 1015      |           | 799.9        |                | 19.1        |        | 15.3           |        | 6             | 36    |        | 3        | 264      | 100      |
| <b>ARMENIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37682 AMASIA                  | 4047N    | 04350E    | 1876      |           | 813.3        |                | 15.9        |        | 14.5           |        | 8             | 40    |        | 3        | 315      | 95       |
| 37789 YEREVAN/YEREVAN-ARABKIR | 4008N    | 04428E    | 1140      |           | 886.5        |                | 24.5        | -.7    | 16.9           | 3.3    | 1             | 5     | -2     | 3        | 356      | 107      |
| <b>AZERBAIJAN</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37735 GANDJA                  | 4043N    | 04625E    | 311       |           | 974.7        | 1009.8         | 24.6        | .3     | 17.3           | .3     | 5             | 18    | 0      |          | 278      |          |
| 37747 EVLAKH AIRPORT          | 4037N    | 04709E    | 15        |           | 1010.6       | 1012.3         | 27.3        | .9     | 17.8           | -1.0   | 2             | 10    | -12    |          |          |          |
| 37936 NAXCIVAN                | 3912N    | 04525E    | 885       |           | 910.4        | 1005.9         | 25.8        | -.4    | 14.2           | 1.2    |               |       | -8     |          |          |          |
| <b>BELARUS</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26554 VERHNEDVINSK            | 5549N    | 02757E    | 132       |           | 1001.9       | 1017.5         | 17.0        |        | 15.1           |        | 7             | 77    |        | 4        | 236      |          |
| 26666 VITEBSK                 | 5510N    | 03013E    | 176       |           | 996.8        | 1017.3         | 18.3        | 2.4    | 14.9           | 1.0    | 7             | 38    | -35    | 2        |          |          |
| 26825 GRODNO                  | 5336N    | 02403E    | 134       |           | 1000.0       | 1017.5         | 18.3        |        | 14.6           |        | 6             | 21    |        | 1        |          |          |
| 26850 MINSK                   | 5356N    | 02738E    | 231       |           | 990.7        | 1017.7         | 18.1        | 1.6    | 14.6           | 1.1    | 9             | 19    | -53    | 1        | 203      | 86       |
| 26863 MOGILEV                 | 5357N    | 03004E    | 192       |           | 994.7        | 1017.2         | 17.6        | 1.3    | 14.4           | .6     | 5             | 34    | -32    | 2        |          |          |
| 26941 BARANOVICHI             | 5307N    | 02600E    | 193       |           | 995.3        | 1017.9         | 18.4        |        | 14.8           |        | 6             | 41    |        | 2        |          |          |
| 26951 SLUTSK                  | 5302N    | 02733E    | 162       |           | 998.7        | 1017.8         | 18.2        |        | 14.9           |        | 5             | 20    |        | 0        |          |          |
| 33008 BREST                   | 5207N    | 02341E    | 146       |           | 1001.3       | 1018.3         | 19.5        | 2.1    | 13.7           | -.5    | 5             | 19    | -57    | 1        | 276      | 114      |
| 33019 PINSK                   | 5207N    | 02607E    | 142       |           | 1001.2       | 1017.8         | 19.2        |        | 15.0           |        | 4             | 27    |        | 1        | 252      | 100      |
| 33036 MOZYR                   | 5157N    | 02910E    | 190       |           | 995.7        | 1017.7         | 19.2        |        | 14.0           |        | 5             | 21    |        | 1        |          |          |
| <b>33038 VASILEVICHI</b>      | 5215N    | 02950E    | 142       |           | 1001.0       | 1017.7         | 18.3        | 1.1    | 14.4           | .0     | 6             | 41    | -30    | 1        | 274      | 110      |
| 33041 GOMEL                   | 5224N    | 03057E    | 126       |           | 1002.5       | 1017.3         | 19.4        | 1.9    | 14.3           | .1     | 3             | 22    | -37    | 1        | 263      | 107      |
| <b>ESTONIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26038 TALLINN                 | 5923N    | 02435E    | 34        |           | 1011.8       | 1015.8         | 16.7        | 1.4    | 15.0           | 1.0    | 9             | 121   | 37     | 4        | 253      | 111      |
| 26214 VILSANDI                | 5823N    | 02149E    | 6         |           | 1015.4       | 1016.1         | 17.9        | 1.7    | 16.5           | 1.6    | 6             | 34    | -28    | 2        | 299      | 119      |
| <b>26242 TARTU</b>            | 5818N    | 02644E    | 68        |           | 1008.1       | 1016.5         | 17.2        | 1.9    | 13.9           | .1     | 11            | 79    | -7     | 3        | 253      | 117      |
| <b>GEORGIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37279 ZUGDIDI                 | 4231N    | 04153E    | 118       |           | 998.1        | 1011.6         | 23.2        |        | 24.0           |        | 11            | 180   |        |          |          |          |
| 37395 KUTAISI                 | 4216N    | 04238E    | 114       |           | 998.9        | 1012.1         | 23.6        |        | 22.2           |        | 10            | 101   |        | 5        |          |          |
| 37432 PASANAURI               | 4221N    | 04442E    | 1070      |           | 894.8        | 1015.0         | 17.7        |        | 14.7           |        | 7             | 96    |        |          |          |          |
| 37545 TBILISI                 | 4145N    | 04446E    | 427       |           | 963.0        | 1011.0         | 23.6        |        | 20.1           |        | 6             | 46    |        |          |          |          |
| 37621 BOLNISI                 | 4127N    | 04433E    | 534       |           | 951.0        | 1010.7         | 23.7        |        | 20.0           |        | 10            | 21    |        |          |          |          |
| <b>KAZAKHSTAN</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 34398 ZHALPAKTAL              | 4940N    | 04929E    | 10        |           | 1010.5       | 1011.7         | 23.3        | 1.4    | 14.3           | 2.1    | 1             | 5     | -22    |          | 306      | 110      |
| 34691 NOVYJ USHTOGAN          | 4754N    | 04848E    | -10       |           | 1012.9       | 1011.8         | 23.7        |        | 12.9           |        |               |       |        |          | 293      |          |



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| STATION                    | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|----------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                            |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>LATVIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26346 ALUKSNE              | 5726N    | 02702E    | 193       |           | 993.5        | 1017.0         | 16.6        |        | 14.7           |        | 8             | 49    |        |          | 275      | 125      |
| <b>26406 LIEPAJA</b>       | 5629N    | 02101E    | 7         |           | 1016.7       | 1017.3         | 18.0        | 1.6    | 15.7           | 1.7    | 6             | 44    | -36    |          | 290      | 117      |
| 26424 DOBELE               | 5637N    | 02319E    | 44        |           | 1012.0       | 1017.1         | 17.6        |        | 14.8           |        | 12            | 89    |        |          | 285      | 120      |
| 26544 DAUGAVPILS           | 5552N    | 02637E    | 122       |           | 1002.7       | 1017.4         | 16.7        | .8     | 14.5           | 1.5    | 8             | 35    | -39    |          | 262      | 116      |
| <b>LITHUANIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26509 KLAIPEDA             | 5544N    | 02104E    | 7         |           | 1016.6       | 1017.5         | 18.4        | 1.6    | 16.3           | 1.3    | 8             | 55    | -28    | 2        | 267      | 106      |
| 26524 SIAULIAI             | 5556N    | 02319E    | 107       |           | 1004.7       | 1017.4         | 18.0        | 1.9    | 14.3           | .3     | 8             | 45    | -32    | 2        | 230      | 95       |
| 26531 BIRZAI               | 5612N    | 02446E    | 62        |           | 1009.9       | 1017.3         | 17.7        | 1.8    | 15.5           | 1.4    | 7             | 29    | -42    | 1        | 257      |          |
| 26629 KAUNAS               | 5453N    | 02350E    | 77        |           | 1008.6       | 1017.8         | 18.1        | 1.7    | 14.8           | .6     | 10            | 67    | -11    | 3        | 242      | 102      |
| 26730 VILNIUS              | 5438N    | 02506E    | 162       |           | 999.5        | 1017.9         | 17.5        | 1.2    | 14.7           | 1.0    | 9             | 61    | -11    | 3        | 264      | 122      |
| <b>REPUBLIC OF MOLDOVA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 33748 CORNESTI             | 4720N    | 02805E    | 232       |           | 989.2        | 1016.2         | 21.3        |        | 14.7           |        | 4             | 50    |        | 3        |          |          |
| 33815 CHISINAU             | 4701N    | 02859E    | 173       |           | 995.8        | 1015.5         | 22.6        | 2.1    | 13.6           | -1.0   | 4             | 44    | -1     | 3        | 331      | 112      |
| 33829 TIRASPOL             | 4654N    | 02936E    | 40        |           | 1011.4       | 1016.1         | 22.5        |        | 15.6           |        | 4             | 28    |        | 2        | 312      | 110      |
| 33883 KOMRAT               | 4618N    | 02838E    | 133       |           | 999.9        | 1015.6         | 22.5        |        | 14.1           |        | 3             | 41    |        | 3        |          |          |
| <b>UKRAINE</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 33177 VOLODYMYR-VOLYNS'KYI | 5050N    | 02419E    | 194       |           | 995.2        | 1018.1         | 18.7        |        | 14.5           |        | 3             | 14    |        | 1        |          |          |
| 33275 SUMY                 | 5051N    | 03440E    | 181       |           | 994.3        | 1015.5         | 19.6        | 1.4    | 15.0           |        | 4             | 81    | 19     | 4        |          |          |
| 33301 RIVNE                | 5035N    | 02608E    | 231       |           | 990.9        | 1017.9         | 18.7        | 1.5    | 13.9           |        | 5             | 51    | -12    | 2        |          |          |
| <b>33317 SHEPETIVKA</b>    | 5010N    | 02702E    | 278       |           | 985.6        | 1017.9         | 18.1        |        | 14.7           |        | 4             | 40    |        | 1        | 262      | 100      |
| 33345 KIEV                 | 5024N    | 03034E    | 167       |           | 997.3        | 1016.8         | 19.9        | 1.3    | 13.8           | -1.1   | 5             | 51    | -18    | 2        |          |          |
| <b>33377 LUBNY</b>         | 5000N    | 03301E    | 158       |           | 997.4        | 1015.9         | 20.2        | 1.3    | 14.3           |        | 5             | 57    | -5     | 3        |          |          |
| 33393 L'VIV                | 4949N    | 02357E    | 323       |           | 980.5        | 1017.9         | 18.9        | 2.1    | 14.4           | -1     | 6             | 39    | -37    | 1        | 261      | 118      |
| 33415 TERNOPIL'            | 4932N    | 02540E    | 329       |           | 980.0        | 1018.1         | 18.1        | 1.3    | 14.3           |        | 5             | 38    | -25    | 2        |          |          |
| 33429 KHMEL'NYTS'KYI       | 4926N    | 02659E    | 350       |           | 977.1        | 1017.7         | 18.1        | .7     | 14.7           |        | 6             | 48    | -21    | 2        |          |          |
| 33506 POLTAVA              | 4936N    | 03433E    | 160       |           | 996.4        | 1015.0         | 21.0        | 1.6    | 14.3           | .3     | 3             | 41    | -5     | 3        |          |          |
| 33526 IVANO-FRANKIVS'K     | 4858N    | 02424E    | 280       |           | 985.5        | 1018.0         | 18.9        | 1.6    | 14.9           |        | 10            | 56    | -25    | 2        |          |          |
| 33562 VINNYTSIA            | 4914N    | 02836E    | 298       |           | 982.7        | 1017.2         | 18.7        | 1.1    | 14.0           | -4     | 8             | 61    | -6     | 3        | 301      | 115      |
| <b>33587 UMAN'</b>         | 4846N    | 03014E    | 216       |           | 991.5        | 1016.5         | 19.8        | 1.6    | 15.3           | .6     | 7             | 54    | -5     | 3        |          |          |
| 33631 UZHGOROD             | 4838N    | 02216E    | 124       |           | 1002.5       | 1016.1         | 21.8        | 2.4    | 14.4           | -8     | 5             | 36    | -35    | 1        | 331      | 131      |
| 33658 CHERNIVTSI           | 4822N    | 02554E    | 246       |           | 989.0        | 1017.6         | 19.8        | 1.8    | 15.1           | .1     | 6             | 33    | -28    | 2        | 256      | 104      |
| 33711 KIROVOHRAD           | 4831N    | 03212E    | 171       |           | 995.6        | 1015.5         | 20.7        | 1.3    | 14.1           |        | 4             | 19    | -29    | 1        |          |          |
| 33761 LIUBASHIVKA          | 4751N    | 03016E    | 183       |           | 994.6        | 1015.8         | 20.9        | 1.3    | 14.3           |        | 4             | 25    | -30    | 1        |          |          |
| 33777 VOZNESENS'K          | 4734N    | 03120E    | 34        |           | 1011.4       | 1015.3         | 22.6        |        | 14.9           |        | 2             | 11    |        | 1        |          |          |
| 33791 KRYVYI RIH           | 4802N    | 03313E    | 124       |           | 1000.2       | 1014.4         | 22.1        | 1.6    | 14.4           |        | 3             | 22    | -20    | 2        | 295      | 105      |
| 33837 ODESA                | 4626N    | 03046E    | 42        |           | 1010.2       | 1015.0         | 23.9        | 2.7    | 16.5           | .4     | 2             | 6     | -28    | 1        | 327      | 108      |
| 33889 IZMAIL               | 4522N    | 02851E    | 30        |           | 1012.4       | 1016.7         | 23.9        | 2.7    | 15.3           | -8     | 4             | 11    | -27    | 2        | 322      | 110      |
| 33902 KHERSON              | 4638N    | 03234E    | 54        |           | 1007.4       | 1013.6         | 24.2        | 2.9    | 14.7           |        | 2             | 12    | -26    | 1        | 300      | 100      |
| <b>33915 ASKANIIA-NOVA</b> | 4627N    | 03353E    | 30        |           | 1010.2       | 1013.7         | 24.4        | 2.8    | 14.5           | .2     | 2             | 20    | -15    | 2        | 310      | 104      |

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| STATION                                  | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 33946 SIMFEROPOL'                        | 4441N    | 03408E    | 181       |           | 992.5        | 1013.2         | 23.9        | 2.9    | 15.5           | .4     | 3             | 18    | -23    | 2        | 357      | 113      |
| <b>33998 AI-PETRI</b>                    | 4426N    | 03405E    | 1180      |           | 884.1        |                | 17.5        | 2.8    | 12.3           |        | 5             | 56    | 0      | 4        | 336      | 115      |
| 34300 KHARKIV                            | 4958N    | 03608E    | 155       |           | 996.6        | 1014.6         | 21.1        | 1.6    | 14.6           | .6     | 7             | 50    | 0      | 4        | 290      | 117      |
| 34415 IZIUM                              | 4911N    | 03718E    | 78        |           | 1005.1       | 1014.2         | 21.4        |        | 15.1           |        | 6             | 50    |        | 4        |          |          |
| 34504 DNIPROPETROVS'K                    | 4836N    | 03458E    | 143       |           | 997.0        | 1013.8         | 22.6        | 2.0    | 15.6           |        | 4             | 29    | -8     | 3        | 297      | 105      |
| 34519 DONETS'K                           | 4804N    | 03746E    | 225       |           | 987.2        | 1013.2         | 22.7        | 2.6    | 13.9           |        | 5             | 31    | -10    | 2        |          |          |
| 34523 LUHANS'K                           | 4834N    | 03915E    | 62        |           | 1006.7       | 1013.9         | 22.2        | 1.6    | 15.1           |        | 7             | 60    | 21     | 4        | 294      | 105      |
| 34712 MARIUPOL'                          | 4702N    | 03730E    | 70        |           | 1004.4       | 1012.4         | 24.4        |        | 17.3           |        | 2             | 4     |        | 1        |          |          |
| <b>ISRAEL</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40153 HAR-KNAAN (ZEFAT)                  | 3258N    | 03530E    | 934       |           | 904.7        |                | 23.6        |        | 15.6           |        | 0             | 0     |        | 5        |          |          |
| 40179 BET DAGAN                          | 3200N    | 03449E    | 35        |           | 1003.9       | 1007.4         | 27.9        | 2.3    | 25.7           |        | 0             | 0     |        | 5        | 351      | 99       |
| 40180 BEN-GURION INT. AIRPORT            | 3200N    | 03454E    | 49        |           | 1003.0       | 1007.6         | 28.0        |        | 23.8           |        | 0             | 0     |        | 5        |          |          |
| <b>40199 EILAT</b>                       | 2933N    | 03457E    | 12        |           | 1003.4       | 1005.8         | 33.9        | 1.6    | 13.8           |        | 0             | 0     |        | 5        |          |          |
| <b>JORDAN</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40250 H-4 'IRWAISHED'                    | 3230N    | 03812E    | 683       |           | 929.1        | 1002.8         | 28.9        |        | 15.7           |        | 0             | 0     |        | 2        | 370      | 100      |
| 40265 MAFRAQ                             | 3222N    | 03615E    | 683       |           | 932.2        | 1007.4         | 25.5        |        | 17.1           |        | 0             | 0     |        | 2        | 343      | 95       |
| 40296 GHOR SAFI                          | 3102N    | 03528E    | -350      |           | 1046.8       | 1006.9         | 34.7        |        | 22.3           |        | 0             | 0     |        |          | 335      | 100      |
| 40310 MA'AN                              | 3010N    | 03547E    | 1069      |           | 890.1        |                | 25.9        | .3     | 13.9           | 1.9    | 0             | 0     | 0      | 2        | 366      | 100      |
| <b>ASIA</b>                              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>RUSSIAN FEDERATION (ASIA)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>20046 POLARGMO IM. E.T. KRENKELJA</b> | 8037N    | 05803E    | 22        |           | 1006.9       | 1009.6         | 1.3         | 1.3    | 6.4            | .8     | 7             | 26    | 1      |          | 084      | 101      |
| <b>20069 OSTROV VIZE</b>                 | 7930N    | 07659E    | 10        |           | 1010.0       | 1011.6         | 2.2         | 2.4    | 6.9            | 1.2    | 2             | 18    | -10    | 2        |          |          |
| <b>20087 OSTROV GOLOMJANNYJ</b>          | 7933N    | 09037E    | 8         |           | 1011.1       | 1012.1         | .3          |        | 6.1            |        | 8             | 32    |        | 4        |          |          |
| <b>20292 GMO IM.E.K. FEDOROVA</b>        | 7743N    | 10410E    | 15        |           | 1011.0       | 1012.9         | 1.3         | .8     | 6.4            | .4     | 6             | 25    | -5     | 0        | 094      | 099      |
| 20476 MYS STERLEGOVA                     | 7525N    | 08854E    | 11        |           | 1012.4       | 1013.7         | 3.6         |        | 7.2            |        | 5             | 15    |        |          |          |          |
| <b>20667 IM. M.V. POPOVA</b>             | 7320N    | 07003E    | 7         |           | 1012.4       | 1013.1         | 7.2         |        | 9.1            |        | 4             | 17    |        |          | 153      |          |
| <b>20674 OSTROV DIKSON</b>               | 7330N    | 08024E    | 47        |           | 1007.5       | 1013.1         | 6.4         | 2.1    | 8.5            | .7     | 8             | 23    | -20    | 2        | 145      | 105      |
| <b>20891 HATANGA</b>                     | 7159N    | 10220E    | 33        |           | 1007.9       | 1011.9         | 10.0        | .9     | 9.2            | .3     | 3             | 17    | -15    | 1        | 215      | 110      |
| 20982 VOLOCHANKA                         | 7058N    | 09430E    | 40        |           | 1006.6       | 1011.3         | 11.1        |        | 9.9            |        | 3             | 18    |        | 1        | 217      |          |
| 21802 SASKYLAH                           | 7158N    | 11400E    | 18        |           | 1010.9       | 1013.1         | 8.5         |        | 7.3            |        | 9             | 17    |        |          |          |          |
| 21908 DZALINDA                           | 7008N    | 11350E    | 62        |           | 1004.4       | 1011.9         | 9.7         |        | 8.5            |        | 5             | 11    |        |          | 166      | 80       |
| <b>21946 CHOKURDAH</b>                   | 7037N    | 14750E    | 61        |           | 1006.2       | 1013.7         | 7.1         | .3     | 7.8            | -.4    | 5             | 17    | -16    |          | 189      | 117      |
| <b>23205 NAR'JAN-MAR</b>                 | 6738N    | 05302E    | 12        |           | 1010.9       | 1012.3         | 12.8        | 2.5    | 11.9           | 1.4    | 12            | 72    | 10     | 4        | 197      | 123      |
| 23242 NOVYJ PORT                         | 6741N    | 07253E    | 12        |           | 1009.8       | 1011.3         | 12.0        |        | 11.0           |        | 6             | 19    |        |          | 182      |          |
| 23256 TAZOVSKOE                          | 6728N    | 07844E    | 8         |           | 1007.7       | 1011.1         | 12.0        |        | 11.5           |        | 7             | 38    |        |          | 237      |          |
| 23274 IGARKA                             | 6728N    | 08634E    | 31        |           | 1006.1       | 1009.5         | 13.1        |        | 12.2           |        | 10            | 63    |        | 3        | 204      | 100      |
| 23324 PETRUN'                            | 6626N    | 06046E    | 62        |           | 1005.2       | 1012.6         | 12.6        |        | 11.3           |        | 13            | 77    |        | 4        | 186      | 105      |
| <b>23330 SALEHARD</b>                    | 6632N    | 06640E    | 16        |           | 1010.3       | 1012.3         | 12.5        | 1.7    | 11.0           | .6     | 7             | 31    | -30    |          | 188      | 102      |

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| STATION                         | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                 |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 23383 AGATA                     | 6653N    | 09328E    | 278       |           | 976.9        | 1009.9         | 12.5        |        | 10.6           |        | 6             | 22    |        | 1        |          |          |
| <b>23405 UST'-CIL'MA</b>        | 6526N    | 05216E    | 68        |           | 1003.9       | 1013.2         | 13.8        | 2.0    | 12.2           | 1.0    | 14            | 71    | 2      | 4        | 235      | 132      |
| 23445 NADYM                     | 6528N    | 07240E    | 19        |           | 1009.4       | 1011.9         | 12.6        |        | 11.4           |        | 10            | 53    |        |          |          |          |
| 23463 YANOV-STAN                | 6559N    | 08416E    | 40        |           | 1005.6       | 1012.1         | 12.9        |        | 11.9           |        |               | 104   |        |          |          |          |
| <b>23472 TURUHANSK</b>          | 6547N    | 08756E    | 38        |           | 1004.5       | 1009.1         | 14.0        | 1.4    | 11.9           | .6     | 9             | 63    | -5     | 3        | 160      | 80       |
| <b>23552 TARKO-SALE</b>         | 6455N    | 07749E    | 27        |           | 1007.9       | 1011.2         | 13.6        | 1.5    | 11.7           | .7     | 6             | 24    | -40    | 0        | 175      | 94       |
| <b>23631 BEREZOVO</b>           | 6356N    | 06503E    | 32        |           | 1009.0       | 1012.9         | 13.5        | 1.0    | 11.9           | .4     | 9             | 53    | -20    | 3        | 218      | 103      |
| 23662 TOL'KA                    | 6359N    | 08205E    | 33        |           | 1006.1       | 1010.3         | 13.6        |        | 12.3           |        | 8             | 38    |        |          | 179      |          |
| 23678 VERHNEIMBATSK             | 6309N    | 08757E    | 46        |           | 1003.6       | 1009.0         | 15.4        |        | 13.8           |        | 11            | 97    |        | 5        |          |          |
| <b>23711 TROICKO-PECHERSKOE</b> | 6242N    | 05612E    | 139       |           | 998.0        | 1014.5         | 14.4        | 2.0    | 13.2           | 1.5    | 15            | 65    | -12    | 2        | 200      | 102      |
| <b>23724 NJAKSIMVOL'</b>        | 6226N    | 06052E    | 51        |           | 1007.1       | 1013.2         | 14.7        | 1.9    | 11.7           | .1     | 6             | 28    | -48    |          | 227      | 105      |
| 23734 OKTJABR'SKOE              | 6227N    | 06603E    | 72        |           | 1004.1       | 1012.7         | 14.3        |        | 12.6           |        | 10            | 78    |        |          | 237      |          |
| 23867 LAR' YAK                  | 6106N    | 08015E    | 57        |           | 1003.1       | 1009.8         | 15.8        |        | 14.1           |        | 11            | 57    |        |          | 219      |          |
| <b>23884 BOR</b>                | 6136N    | 09001E    | 58        |           | 1002.2       | 1009.1         | 15.7        | 1.8    | 14.2           | 2.1    | 8             | 64    | -3     | 3        | 151      | 73       |
| <b>23891 BAJKIT</b>             | 6140N    | 09622E    | 262       |           | 979.3        |                | 15.3        | 2.6    | 11.0           | -.1    | 8             | 53    | -30    | 2        | 177      | 95       |
| <b>23914 CHERDYN'</b>           | 6024N    | 05631E    | 207       |           | 990.3        | 1014.7         | 16.1        | 2.4    | 13.6           | 1.6    | 8             | 42    | -30    | 1        | 259      | 115      |
| 23921 IVDEL'                    | 6041N    | 06027E    | 95        |           | 1002.8       | 1014.1         | 14.9        | 1.4    | 13.2           | 1.7    | 6             | 100   | 25     | 4        | 204      | 96       |
| <b>23933 HANTY-MANSIJSK</b>     | 6101N    | 06902E    | 46        |           | 1007.1       | 1012.4         | 14.9        | 1.1    | 13.3           | .8     | 11            | 84    | 18     |          | 247      | 113      |
| <b>23955 ALEKSANDROVSKOE</b>    | 6026N    | 07752E    | 48        |           | 1004.5       | 1010.2         | 16.2        | 2.4    | 14.5           | 1.9    | 11            | 73    | 1      |          | 254      | 120      |
| 23966 VANZIL'-KYNAK             | 6021N    | 08405E    | 99        |           | 997.3        | 1009.0         | 15.8        |        | 14.1           |        | 8             | 39    |        |          | 180      | 95       |
| 23986 SEVERO-ENISEJSK           | 6023N    | 09320E    | 519       |           | 949.9        | 1008.8         | 14.7        |        | 12.2           |        | 14            | 150   |        | 5        |          |          |
| <b>24125 OLENEK</b>             | 6830N    | 11220E    | 220       |           | 984.9        | 1011.3         | 10.7        | -1     | 8.7            | -3     | 6             | 22    | -17    |          | 127      | 59       |
| 24136 SUHANA                    | 6837N    | 11820E    | 77        |           | 1002.3       | 1011.7         | 10.2        |        | 9.4            |        | 6             | 23    |        |          | 145      | 65       |
| <b>24143 DZARDZAN</b>           | 6844N    | 12400E    | 39        |           | 1005.4       | 1009.4         | 11.5        | .7     | 11.3           | 1.6    | 7             | 54    | 11     |          |          |          |
| <b>24266 VERHOJANSK</b>         | 6733N    | 13320E    | 137       |           | 993.9        | 1010.4         | 11.9        | 1.1    | 8.8            | .0     | 1             | 5     | -24    |          | 290      | 132      |
| <b>24329 SHELAGONTSY</b>        | 6615N    | 11410E    | 236       |           | 982.5        | 1010.7         | 10.7        | .3     | 9.9            | 1.1    | 11            | 71    | 27     |          | 140      | 65       |
| <b>24343 ZHIGANSK</b>           | 6646N    | 12320E    | 92        |           | 998.6        | 1009.7         | 12.3        | .4     | 10.3           | .2     | 6             | 64    | 23     |          | 186      | 76       |
| <b>24382 UST'-MOMA</b>          | 6627N    | 14310E    | 196       |           | 986.8        | 1010.2         | 10.6        |        | 9.7            |        | 8             | 46    |        |          | 244      | 105      |
| <b>24507 TURA</b>               | 6416N    | 10010E    | 168       |           | 986.9        | 1009.4         | 13.8        | 1.4    | 11.5           | 1.0    | 11            | 51    | -3     | 3        | 111      | 60       |
| 24606 KISLOKAN                  | 6335N    | 10350E    | 211       |           | 984.7        | 1009.7         | 12.9        |        | 10.8           |        | 9             | 54    |        | 3        | 149      | 70       |
| <b>24641 VILJUJSK</b>           | 6346N    | 12130E    | 111       |           | 996.1        | 1009.3         | 15.4        | 1.3    | 10.6           | .4     | 5             | 37    | 0      |          | 243      | 96       |
| 24661 SEGEN-KYUEL'              | 6400N    | 13010E    | 208       |           | 982.9        | 1007.3         | 15.0        |        | 11.7           |        | 3             | 42    |        |          |          |          |
| <b>24671 TOMPO</b>              | 6357N    | 13550E    | 402       |           | 959.9        | 1006.8         | 12.8        |        | 10.6           |        | 4             | 40    |        |          | 272      | 125      |
| <b>24688 OJMJAKON</b>           | 6315N    | 14300E    | 741       |           | 922.9        | 1007.9         | 11.3        | 1.2    | 10.4           | 1.9    | 6             | 39    | 1      |          | 237      | 100      |
| <b>24738 SUNTAR</b>             | 6209N    | 11730E    | 133       |           | 992.7        | 1009.0         | 14.9        | 1.0    | 12.9           | 2.2    | 5             | 21    | -20    |          | 263      | 107      |
| 24790 SUSUMAN                   | 6247N    | 14810E    | 655       |           | 933.5        | 1009.5         | 9.5         |        | 10.0           |        | 10            | 134   |        |          | 168      |          |
| <b>24908 VANAVARA</b>           | 6020N    | 10210E    | 260       |           | 978.7        | 1009.2         | 14.6        | 1.5    | 12.0           | .7     | 7             | 32    | -35    | 1        | 202      | 94       |
| <b>24959 JAKUTSK</b>            | 6201N    | 12940E    | 101       |           | 995.4        | 1007.3         | 16.0        | 1.1    | 11.7           | .6     | 3             | 20    | -16    |          | 299      | 110      |
| <b>24966 UST'-MAJYA</b>         | 6023N    | 13420E    | 170       |           | 986.3        | 1006.3         | 15.9        | 1.7    | 13.2           | 1.5    | 9             | 96    | 41     |          | 283      | 116      |
| 24967 TEGYULTYA                 | 6028N    | 13000E    | 171       |           | 988.1        | 1008.6         | 14.8        |        | 14.3           |        | 9             | 97    |        |          |          |          |
| 25206 SREDNE-KOLYMSK            | 6727N    | 15340E    | 21        |           | 1008.8       | 1011.4         | 9.2         |        | 8.6            |        | 7             | 93    |        |          |          |          |
| <b>25400 ZYRYANKA</b>           | 6544N    | 15050E    | 43        |           | 1005.7       | 1010.9         | 10.0        | -1.8   | 9.9            | -2     | 9             | 92    | 55     |          | 216      | 94       |
| 25503 KORKODON                  | 6445N    | 15350E    | 98        |           | 998.3        | 1010.2         | 10.2        |        | 9.8            |        | 9             | 98    |        |          | 221      |          |
| 25538 VERHNEE PENZINO           | 6413N    | 16410E    | 326       |           | 970.9        | 1009.6         | 10.2        |        | 9.2            |        | 12            | 90    |        | 5        |          |          |
| 25705 SREDNIKAN                 | 6227N    | 15210E    | 260       |           | 978.3        | 1009.3         | 10.6        |        | 10.5           |        | 10            | 127   |        |          | 166      |          |
| 25745 KAMENSKOE                 | 6228N    | 16612E    | 40        |           |              |                | 11.9        |        | 8.1            |        | 12            | 52    |        |          |          |          |

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| STATION                        | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 25927 BROHOVO                  | 5939N    | 15410E    | 5         |           | 1008.3       | 1009.0         | 12.5        |        | 12.3           |        | 12            | 85    |        | 0        | 218      |          |
| 28009 KIRS                     | 5922N    | 05213E    | 169       |           | 995.6        | 1015.5         | 16.7        |        | 13.8           |        | 4             | 15    |        | 1        |          |          |
| <b>28064 LEUSI</b>             | 5937N    | 06543E    | 72        |           | 1004.7       | 1013.0         | 16.2        | 1.7    | 14.3           | 1.9    | 5             | 38    | -30    | 1        | 274      | 126      |
| <b>28138 BISER</b>             | 5831N    | 05851E    | 463       |           | 960.5        | 1014.4         | 14.2        | 1.7    | 13.1           | 1.5    | 9             | 59    | -41    | 2        | 271      | 125      |
| 28224 PERM'                    | 5801N    | 05618E    | 171       |           | 994.2        | 1014.3         | 17.2        |        | 14.3           |        | 6             | 72    |        |          | 265      | 115      |
| 28255 TURINSK                  | 5803N    | 06341E    | 103       |           | 1001.1       | 1013.3         | 16.2        |        | 14.3           |        | 6             | 46    |        | 2        | 198      | 90       |
| <b>28275 TOBOL'SK</b>          | 5809N    | 06815E    | 50        |           | 1006.9       | 1012.4         | 16.3        | 1.5    | 14.0           | 1.0    | 5             | 28    | -43    | 1        | 286      | 127      |
| 28418 SARAPUL                  | 5628N    | 05344E    | 133       |           | 998.6        | 1014.2         | 18.5        |        | 16.8           |        | 11            | 54    |        | 3        | 268      | 110      |
| 28434 KRASNOUFIMSK             | 5639N    | 05747E    | 206       |           | 989.7        | 1013.8         | 16.5        | 1.6    | 14.4           | 1.5    | 9             | 68    | 5      | 4        | 205      | 96       |
| <b>28493 TARA</b>              | 5654N    | 07423E    | 73        |           | 1002.2       | 1010.8         | 16.0        | 1.1    | 14.4           | 1.6    | 7             | 83    | 18     | 4        | 247      | 106      |
| 28552 SADRINSK                 | 5604N    | 06339E    | 89        |           | 1002.1       | 1012.6         | 17.8        | 1.7    | 14.5           | 1.5    | 8             | 50    | -2     | 3        | 258      | 102      |
| 28573 ISHIM                    | 5606N    | 06926E    | 82        |           | 1002.1       | 1011.8         | 16.8        |        | 14.6           |        | 7             | 46    |        |          | 293      |          |
| 28666 MAKUSINO                 | 5515N    | 06718E    | 140       |           | 994.8        | 1011.1         | 17.4        |        | 14.6           |        | 10            | 60    |        | 4        | 229      | 90       |
| <b>28698 OMSK</b>              | 5501N    | 07323E    | 122       |           | 996.1        | 1010.5         | 17.0        | .9     | 15.0           | 2.4    | 5             | 61    | 7      |          | 213      | 86       |
| 28704 CULPANOVO                | 5430N    | 05025E    | 78        |           | 1004.3       | 1013.4         | 19.1        |        | 15.6           |        | 7             | 63    |        | 4        | 272      | 105      |
| <b>28722 UFA-DIOMA</b>         | 5443N    | 05550E    | 104       |           | 1000.5       | 1012.7         | 18.7        | 2.2    | 15.7           | 2.0    | 9             | 78    | 20     |          | 241      | 96       |
| 28748 TROIJK                   | 5405N    | 06137E    | 192       |           | 989.2        | 1011.5         | 18.4        |        | 15.6           |        | 9             | 166   |        | 6        | 222      |          |
| 29111 SREDNY VASJUGAN          | 5913N    | 07814E    | 69        |           | 1002.0       | 1010.1         | 16.2        |        | 14.4           |        | 5             | 29    |        |          | 191      |          |
| <b>29231 KOLPASEVO</b>         | 5819N    | 08257E    | 75        |           | 999.7        | 1008.7         | 16.3        | 1.8    | 15.7           | 2.8    | 16            | 139   | 69     |          | 198      | 84       |
| <b>29263 ENISEJSK</b>          | 5827N    | 09209E    | 79        |           | 998.9        | 1008.2         | 16.7        | 2.0    | 16.1           | 3.2    | 11            | 48    | -22    | 2        | 198      | 85       |
| <b>29282 BOGUCANY</b>          | 5823N    | 09727E    | 133       |           | 993.0        | 1008.7         | 16.6        | 1.7    | 14.3           | 1.9    | 4             | 30    | -23    | 1        | 207      | 93       |
| 29313 PUDINO                   | 5732N    | 07922E    | 97        |           | 997.7        | 1009.1         | 15.7        |        | 11.4           |        | 15            | 95    |        |          | 137      |          |
| 29328 BAKCHAR                  | 5705N    | 08155E    | 110       |           | 995.7        | 1008.4         | 15.9        |        | 15.2           |        | 13            | 102   |        |          | 189      |          |
| 29379 TASEEVO                  | 5712N    | 09433E    | 168       |           | 989.8        | 1009.0         | 16.6        |        | 15.3           |        | 9             | 55    |        |          |          |          |
| 29570 KRASNOJARSK OPYTNOE POLE | 5602N    | 09245E    | 276       |           | 976.6        | 1008.8         | 16.5        |        | 15.6           |        | 14            | 143   |        | 5        |          |          |
| <b>29612 BARABINSK</b>         | 5520N    | 07822E    | 120       |           | 995.1        | 1009.2         | 16.7        | 1.2    | 15.5           | 2.4    | 9             | 84    | 31     |          | 213      | 87       |
| 29645 KEMEROVO CGMS            | 5515N    | 08613E    | 148       |           | 990.9        | 1008.3         | 16.8        |        | 15.9           |        | 15            | 140   |        |          | 172      |          |
| 29752 NENASTNAYA               | 5445N    | 08849E    | 1183      |           | 876.6        |                | 12.1        |        | 12.2           |        | 19            | 163   |        | 4        | 140      | 65       |
| <b>29866 MINUSINSK</b>         | 5342N    | 09142E    | 254       |           | 978.7        | 1008.1         | 18.1        | 1.4    | 15.2           | 1.9    | 8             | 89    | 30     | 5        | 223      | 98       |
| 29939 BIJSK ZONAL'NAYA         | 5241N    | 08457E    | 228       |           | 982.9        | 1009.0         | 18.0        |        | 15.6           |        | 12            | 83    |        | 5        |          |          |
| <b>30054 VITIM</b>             | 5927N    | 11230E    | 190       |           | 986.2        | 1008.5         | 15.4        | 1.1    | 13.0           | .2     | 7             | 24    | -37    |          | 167      | 81       |
| 30089 DZHIKIMDA                | 5901N    | 12140E    | 175       |           | 987.4        | 1008.0         | 15.0        |        | 13.9           |        | 7             | 76    |        |          |          |          |
| <b>30372 CHARA</b>             | 5654N    | 11810E    | 711       |           | 925.8        | 1006.5         | 14.0        | 1.0    | 12.1           | 1.0    | 6             | 45    | -25    | 2        | 216      | 101      |
| 30385 UST'-NJUKZHA             | 5635N    | 12120E    | 426       |           | 956.1        | 1005.1         | 14.8        |        | 14.4           |        | 10            | 115   |        |          | 157      |          |
| 30433 NIZHNEANGARSK            | 5457N    | 10930E    | 487       |           | 951.4        | 1006.1         | 17.0        | 2.4    | 13.5           | 1.3    | 6             | 104   | 43     | 5        | 268      | 122      |
| <b>30554 BAGDARIN</b>          | 5428N    | 11330E    | 903       |           | 905.9        | 1006.7         | 13.6        | 1.5    | 11.8           | 1.5    | 12            | 158   | 73     | 5        | 195      | 94       |
| 30636 BARGUZIN                 | 5337N    | 10930E    | 489       |           | 949.2        | 1004.8         | 17.4        |        | 13.7           |        | 11            | 30    |        | 2        | 253      | 100      |
| 30650 ROMANOVKA                | 5312N    | 11240E    | 923       |           | 902.1        | 1005.0         | 14.0        |        | 13.1           |        | 10            | 131   |        | 5        |          |          |
| <b>30673 MOGOCHA</b>           | 5345N    | 11940E    | 625       |           | 934.1        | 1005.3         | 14.4        | .7     | 13.9           | 2.0    | 11            | 119   | 14     | 4        | 185      | 92       |
| 30758 CHITA                    | 5205N    | 11320E    | 671       |           | 929.5        | 1005.0         | 16.6        | 1.4    | 14.1           | 1.6    | 10            | 69    | -11    | 2        | 228      | 101      |
| 30777 SRETENSK                 | 5214N    | 11740E    | 525       |           | 944.5        | 1004.3         | 16.1        |        | 15.1           |        | 9             | 109   |        | 4        | 190      | 90       |
| 30844 HILOK                    | 5121N    | 11020E    | 802       |           | 916.4        | 1006.3         | 14.8        |        | 13.6           |        | 12            | 102   |        | 5        |          |          |
| <b>30879 NERCHINSKIJ ZAVOD</b> | 5119N    | 11930E    | 619       |           | 933.8        | 1003.8         | 15.7        | .3     | 14.1           | .7     | 12            | 95    | -4     | 3        |          |          |
| <b>30925 KJAHTA</b>            | 5022N    | 10620E    | 797       |           | 916.7        | 1005.7         | 16.8        |        | 13.2           |        | 12            | 107   |        | 5        | 200      | 83       |
| 30935 KRASNYY CHIKOJ           | 5022N    | 10840E    | 771       |           | 919.8        | 1006.3         | 15.3        |        | 12.5           |        | 14            | 72    |        | 2        | 168      | 85       |
| <b>30949 KYRA</b>              | 4934N    | 11150E    | 908       |           | 904.4        | 1005.3         | 15.8        | .9     | 12.8           | .9     | 15            | 181   | 80     | 5        | 202      | 83       |

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| STATION                           | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>30965 BORZYA</b>               | 5024N    | 11630E    | 676       |           | 928.1        | 1004.1         | 16.5        | .2     | 15.0           | 1.7    | 12            | 71    | -4     | 3        | 226      | 84       |
| <b>31004 ALDAN</b>                | 5837N    | 12520E    | 679       |           | 930.0        | 1007.5         | 13.2        | .1     | 13.1           | 2.4    | 14            | 153   | 56     |          | 160      | 70       |
| <b>31088 OHOTSK</b>               | 5922N    | 14310E    | 6         |           | 1007.4       | 1008.1         | 14.0        | .8     | 13.6           | .8     | 7             | 65    | -16    | 3        | 181      | 99       |
| 31137 TOKO                        | 5617N    | 13100E    | 850       |           | 910.1        | 1005.9         | 13.1        |        | 11.9           |        | 7             | 23    |        |          |          |          |
| 31152 NEL' KAN                    | 5739N    | 13600E    | 318       |           | 969.0        | 1005.1         | 15.8        |        | 12.7           |        | 8             | 80    |        |          | 207      |          |
| <b>31168 AYAN</b>                 | 5627N    | 13800E    | 8         |           | 1006.7       | 1007.6         | 14.2        | 1.1    | 13.8           | 1.3    | 17            | 229   | 68     |          | 112      | 71       |
| 31174 BOL'SHOJ SHANTAR            | 5450N    | 13730E    | 21        |           | 1005.6       | 1006.7         | 12.7        |        | 13.4           |        | 11            | 199   |        |          | 130      | 70       |
| <b>31253 BOMNAK</b>               | 5443N    | 12850E    | 357       |           | 963.0        | 1005.0         | 16.0        | .8     | 14.7           | 1.1    | 14            | 91    | -23    | 2        | 197      | 94       |
| <b>31329 EKIMCHAN</b>             | 5304N    | 13250E    | 542       |           | 943.0        | 1004.6         | 15.7        | 1.4    | 15.1           | 1.8    | 13            | 86    | -45    | 1        | 171      | 98       |
| <b>31369 NIKOLAEVSK-NA-AMURE</b>  | 5309N    | 14040E    | 68        |           | 997.3        | 1005.1         | 17.6        | 1.9    | 17.2           | 2.6    | 10            | 71    | -11    |          |          |          |
| <b>31416 IM POLINY OSIPENKO</b>   | 5225N    | 13630E    | 73        |           | 996.8        | 1005.1         | 17.5        | 1.0    | 16.4           | 1.6    | 12            | 93    | 7      |          | 138      | 70       |
| 31439 BOGORODSKOE                 | 5223N    | 14020E    | 35        |           | 1001.2       | 1005.3         | 18.7        |        | 14.3           |        | 9             | 88    |        |          |          |          |
| 31478 SOFIJSKIJ PRIISK            | 5216N    | 13350E    | 902       |           | 903.8        | 1004.5         | 14.5        |        | 13.9           |        | 15            | 118   |        | 0        |          |          |
| <b>31707 EKATERINO-NIKOL'SKOE</b> | 4744N    | 13050E    | 73        |           | 994.7        | 1003.4         | 20.5        | 1.0    | 22.0           | 3.5    | 13            | 143   | -6     |          |          |          |
| 31770 SOVETSKAYA GAVAN'           | 5100N    | 13950E    | 238       |           | 1002.2       | 1005.0         | 17.9        |        | 17.8           |        | 11            | 136   |        |          | 167      | 110      |
| 31873 DAL'NERECHENSK              | 4552N    | 13340E    | 101       |           | 992.3        | 1004.3         | 20.9        |        | 20.4           |        | 13            | 145   |        |          |          |          |
| <b>31960 VLADIVOSTOK</b>          | 4307N    | 13150E    | 183       |           | 983.3        | 1004.9         | 20.9        | 1.4    | 21.3           | .9     | 15            | 162   | 14     |          | 197      | 132      |
| 31961 TIMIRYAZEVSIIJ              | 4353N    | 13150E    | 37        |           | 1000.5       | 1004.7         | 21.8        |        | 21.8           |        | 11            | 85    |        |          | 220      | 105      |
| 31989 PREOBRAZHENIE               | 4254N    | 13350E    | 43        |           | 1000.3       | 1005.3         | 20.7        |        | 21.2           |        | 11            | 84    |        |          |          |          |
| 32027 POGIBI                      | 5213N    | 14130E    | 6         |           | 1004.8       | 1005.7         | 17.7        |        | 17.6           |        | 10            | 156   |        |          | 129      |          |
| 32061 ALEKSANDROVSK-SAHALINSKIJ   | 5054N    | 14210E    | 31        |           | 1001.9       | 1005.4         | 18.6        | 2.6    | 17.9           | 3.0    | 8             | 155   | 73     | 5        | 174      | 86       |
| 32076 POGRANICHNOE                | 5024N    | 14340E    | 8         |           | 1005.5       | 1006.5         | 12.0        |        | 13.1           |        | 8             | 100   |        | 4        |          |          |
| <b>32098 PORONAJSK</b>            | 4913N    | 14300E    | 8         |           | 1006.1       | 1007.0         | 17.0        | 1.6    | 17.5           | 2.2    | 11            | 97    | 8      | 4        | 105      | 66       |
| 32099 MYS TERPENIYA               | 4839N    | 14440E    | 6         |           | 1006.6       | 1007.4         | 13.4        |        | 15.0           |        | 12            | 94    |        |          |          |          |
| 32150 JUZHNO-SAHALINSK            | 4657N    | 14240E    | 24        |           | 1003.7       | 1006.5         | 17.8        | 1.1    | 18.2           | 1.8    | 15            | 218   | 113    | 5        | 116      | 78       |
| 32165 JUZHNO-KURIL'SK             | 4401N    | 14550E    | 49        |           | 1001.8       | 1007.6         | 15.5        | -1     | 16.7           | .1     | 22            | 319   | 185    | 6        | 73       | 62       |
| 32213 MYS LOPATKA                 | 5052N    | 15640E    | 47        |           | 1004.6       | 1009.9         | 10.7        |        | 11.3           |        | 4             | 73    |        | 0        | 142      | 180      |
| <b>32252 UST'-VOYAMPOLKA</b>      | 5830N    | 15910E    | 7         |           | 1008.8       | 1009.7         | 11.5        | .9     | 11.2           | -3     | 12            | 108   | 42     | 5        | 160      | 109      |
| 32287 UST'-HAJRJUZOVO             | 5705N    | 15640E    | 8         |           | 1008.3       | 1009.3         | 13.4        |        | 13.0           |        | 16            | 152   |        | 5        | 149      | 100      |
| <b>32389 KLJUCHI</b>              | 5619N    | 16050E    | 29        |           | 1005.8       | 1009.3         | 15.1        | 1.6    | 13.2           | .9     | 3             | 69    | -4     | 1        | 217      | 121      |
| 32477 SOBOLEVO                    | 5418N    | 15550E    | 14        |           | 1006.6       | 1009.6         | 13.5        |        | 13.5           |        | 10            | 140   |        | 4        | 185      | 150      |
| 32509 SEMYACHIK                   | 5407N    | 15950E    | 27        |           | 1006.6       | 1009.9         | 13.1        |        | 13.8           |        | 10            | 85    |        | 2        | 116      | 75       |
| <b>32618 OSTROV BERINGA</b>       | 5512N    | 16550E    | 18        |           | 1009.1       | 1011.2         | 12.7        | 2.1    | 13.3           | 1.6    | 10            | 57    | -27    | 2        | 102      | 100      |
| 35011 SOROCHINSK                  | 5226N    | 05308E    | 123       |           | 997.8        | 1012.1         | 20.3        |        | 15.8           |        | 10            | 89    |        | 5        |          |          |
| 36038 ZMEINOGORSK                 | 5109N    | 08212E    | 355       |           | 968.3        | 1009.1         | 17.7        |        | 14.6           |        | 12            | 89    |        |          | 237      |          |
| 36064 YAJLJU                      | 5146N    | 08736E    | 480       |           | 955.0        | 1010.1         | 16.6        |        | 15.5           |        | 21            | 162   |        |          | 176      |          |
| 36096 KYZYL                       | 5143N    | 09430E    | 628       |           | 936.4        | 1007.4         | 18.2        |        | 14.0           |        | 10            | 97    |        | 5        | 241      | 90       |
| 36229 UST'-KOKSA                  | 5017N    | 08537E    | 978       |           | 901.0        | 1010.2         | 14.5        |        | 12.3           |        | 18            | 173   |        |          | 217      |          |
| 36259 KOSH-AGACH                  | 5001N    | 08841E    | 1759      |           | 820.0        |                | 13.8        |        | 8.3            |        | 5             | 25    |        |          | 289      |          |
| 36307 ERZIN                       | 5016N    | 09507E    | 1101      |           | 886.2        |                | 16.9        |        |                |        | 12            | 70    |        | 0        |          |          |
| <b>KAZAKHSTAN</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 28766 BLAGOVESHCHENKA             | 5422N    | 06658E    | 151       |           | 993.3        | 1010.9         | 17.4        |        | 15.4           |        | 13            | 134   |        | 6        | 230      |          |
| 28879 KOKSHETAY                   | 5317N    | 06923E    | 229       |           | 983.7        | 1010.4         | 17.4        | .6     | 15.1           | 3.0    | 12            | 78    | 35     | 5        | 240      | 96       |
| <b>28952 KOSTANAY</b>             | 5313N    | 06337E    | 170       |           | 993.4        | 1011.2         | 18.7        | .9     | 15.7           | 3.5    | 9             | 80    | 46     |          | 262      | 93       |
| 28966 RUZAEVKA                    | 5249N    | 06658E    | 227       |           | 983.7        | 1010.0         | 17.6        |        | 15.0           |        | 11            | 96    |        |          |          |          |

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|----------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                            |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>29807</b> IRTYSHSK      | 5321N    | 07527E    | 94        |           | 998.1        | 1009.0         | 18.1        | .7     | 15.4           | 2.8    | 9             | 79    | 40     |          |          |          |
| 35067 ESIL'                | 5153N    | 06620E    | 221       |           | 984.3        | 1009.9         | 18.5        |        | 14.2           |        | 11            | 62    |        | 5        |          |          |
| <b>35078</b> ATBASAR       | 5149N    | 06822E    | 304       |           | 975.0        | 1010.2         | 17.3        | .0     | 15.0           | 4.1    | 12            | 87    | 56     | 6        | 237      | 83       |
| 35108 URALSK               | 5115N    | 05117E    | 37        |           | 1007.8       | 1012.0         | 21.9        | 1.5    | 15.4           | 2.7    | 6             | 29    | 5      | 3        | 260      | 89       |
| 35188 ASTANA               | 5108N    | 07122E    | 350       |           | 969.6        | 1009.7         | 18.7        | 1.0    | 14.6           | 3.6    | 12            | 65    | 26     | 5        | 211      | 72       |
| 35217 DZHAMBETY            | 5015N    | 05234E    | 32        |           | 1007.7       | 1011.4         | 22.2        |        | 15.3           |        | 6             | 14    |        |          |          |          |
| 35229 AKTOBE               | 5017N    | 05709E    | 219       |           | 985.3        | 1010.4         | 20.4        | .3     | 15.2           | 3.8    | 12            | 43    | 16     | 5        | 244      | 81       |
| 35357 BARSHINO             | 4941N    | 06931E    | 350       |           | 968.3        | 1008.2         | 19.6        |        | 13.0           |        | 8             | 48    |        |          | 220      |          |
| <b>35394</b> KARAGANDA     | 4948N    | 07309E    | 553       |           | 946.9        | 1009.7         | 18.0        | .3     | 12.3           | 2.2    | 9             | 70    | 37     |          | 262      | 86       |
| 35406 TAIPAK               | 4903N    | 05152E    | 2         |           | 1011.0       | 1011.2         | 23.7        | .7     | 12.8           | 1.1    | 2             | 12    | -6     |          | 320      | 109      |
| <b>35416</b> UIL           | 4904N    | 05441E    | 128       |           | 999.7        | 1010.7         | 22.4        | -1     | 14.1           | 3.1    | 5             | 28    | 11     | 1        | 307      | 97       |
| 35426 TEMIR                | 4909N    | 05707E    | 234       |           | 983.6        | 1010.4         | 21.0        |        | 13.6           |        | 2             | 21    |        | 4        |          |          |
| <b>35576</b> KZYLZAR       | 4818N    | 06939E    |           |           | 967.7        | 1008.7         | 21.1        | .7     | 12.0           | 1.9    | 5             | 31    | 18     |          |          |          |
| 35671 ZHEKAZGAN            | 4748N    | 06743E    | 346       |           | 969.3        | 1008.6         | 21.9        |        | 11.9           |        | 6             | 33    |        |          | 320      |          |
| 35700 ATYRAU               | 4707N    | 05155E    | -22       |           | 1013.4       | 1011.3         | 24.4        | .4     | 13.9           | 1.0    | 3             | 26    | 13     |          | 314      | 97       |
| 35746 ARALSKOE MORE        | 4647N    | 06139E    | 62        |           | 1003.0       | 1009.1         | 24.6        | .4     | 13.6           | 2.7    | 2             | 16    | 10     | 4        | 360      | 100      |
| <b>35796</b> BALHASH       | 4648N    | 07505E    | 350       |           | 968.8        | 1008.4         | 22.4        | .7     | 14.0           | 2.0    | 4             | 19    | 7      |          | 344      | 95       |
| <b>35849</b> KAZALINSK     | 4546N    | 06207E    | 68        |           | 1001.3       | 1009.2         | 23.3        | -8     | 13.4           | 1.6    | 4             | 10    | 5      | 4        | 361      | 98       |
| <b>35925</b> SAM           | 4524N    | 05607E    | 88        |           | 1000.4       | 1010.6         | 24.3        | -2     | 10.4           | -1.5   | 5             | 54    | 49     |          |          |          |
| 35953 DZHUSALY             | 4530N    | 06405E    | 103       |           | 996.8        | 1008.6         | 24.9        |        | 10.2           |        | 3             | 14    |        | 5        |          |          |
| 36003 PAVLODAR             | 5218N    | 07656E    | 122       |           | 994.6        | 1008.5         | 18.8        |        | 14.6           |        | 9             | 70    |        | 5        | 263      | 95       |
| <b>36177</b> SEMIPALATINSK | 5025N    | 08018E    | 196       |           | 986.5        | 1009.1         | 19.5        | .8     | 14.9           | 3.0    | 8             | 27    | 0      | 4        | 296      | 96       |
| 36208 LENINOGORSK          | 5020N    | 08333E    | 811       |           | 918.1        | 1009.0         | 15.7        | .9     | 12.3           | .7     | 15            | 142   | 66     | 5        |          |          |
| 36428 BOL'SHE NARYMSKOE    | 4912N    | 08431E    | 401       |           | 963.0        | 1008.9         | 18.6        |        | 15.4           |        | 10            | 88    |        |          | 275      | 95       |
| <b>36535</b> KOKPEKTY      | 4845N    | 08222E    | 512       |           | 951.8        | 1009.9         | 18.1        | .3     | 12.4           | 1.7    | 11            | 67    | 47     |          | 275      | 84       |
| <b>36859</b> ZHARKENT      | 4410N    | 08004E    | 645       |           | 936.7        | 1008.0         | 22.9        | .2     | 15.1           | 2.2    | 6             | 46    | 36     |          | 276      | 88       |
| <b>36870</b> ALMATY        | 4314N    | 07656E    | 851       |           | 914.7        | 1007.3         | 23.3        | 1.1    | 12.7           | 1.1    | 7             | 66    | 40     | 5        | 263      | 89       |
| 38062 KYZYLORDA            | 4451N    | 06530E    | 130       |           | 993.4        | 1008.2         | 25.8        | 1.4    | 12.6           | 2.5    | 1             | 3     | -2     | 4        |          |          |
| 38069 CHILI                | 4410N    | 06645E    | 153       |           | 990.5        | 1007.9         | 24.9        |        | 12.3           |        | 3             | 19    |        | 5        |          |          |
| 38198 TURKESTAN            | 4316N    | 06813E    | 207       |           | 983.5        | 1007.0         | 26.9        | .7     | 10.8           | 1.5    | 1             | 2     | 1      |          | 381      | 99       |
| 38328 SHYMKENT             | 4219N    | 06942E    | 604       |           | 939.7        | 1006.1         | 25.6        |        | 11.7           |        | 2             | 4     |        | 4        | 329      |          |
| 38334 AUL TURARA RYSKULOVA | 4229N    | 07018E    | 808       |           | 918.4        | 1006.3         | 24.4        |        | 10.2           |        | 2             | 7     |        | 3        | 312      |          |
| 38341 ZHAMBYL              | 4251N    | 07123E    | 655       |           | 935.2        | 1007.0         | 24.0        |        | 11.6           |        | 4             | 10    |        | 4        | 337      |          |
| 38343 KULAN                | 4257N    | 07245E    | 683       |           | 930.1        | 1007.3         | 23.3        |        | 11.1           |        | 4             | 39    |        | 5        |          |          |
| 38439 CHARDARA             | 4122N    | 06800E    | 275       |           | 975.3        | 1006.0         | 27.1        |        | 15.5           |        |               |       |        |          |          |          |
| <b>KYRGYZSTAN</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>36974</b> NARYN         | 4126N    | 07600E    | 2041      |           | 796.2        |                | 17.9        | .3     | 8.9            | .6     | 11            | 67    | 47     | 5        |          |          |
| 38353 BISHKEK              | 4251N    | 07432E    | 760       |           | 924.7        | 1008.0         | 24.3        | 1.2    | 11.2           | -8     | 6             | 31    | 20     | 5        | 325      | 103      |
| <b>TAJIKISTAN</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 38599 KHUJANT              | 4013N    | 06944E    | 427       |           | 958.6        | 1005.9         | 27.0        | .9     | 13.2           | .6     | 2             | 4     | 3      |          |          |          |
| <b>TURKMENISTAN</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

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|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 38388 EKEZHE                   | 4102N    | 05746E    | 62        |           | 1003.6       | 1010.3         | 28.0        |        | 12.5           |        | 0             | 0     |        |          | 353      |          |
| 38392 DASHOGUZ                 | 4150N    | 05959E    | 87        |           | 1000.2       | 1009.6         | 26.8        |        | 17.0           |        | 1             | 2     |        |          | 355      |          |
| <b>38507 TURKMENBASHI</b>      | 4003N    | 05300E    | 82        |           | 1001.3       | 1010.8         | 26.9        | -2     | 14.5           | -1     | 0             | 0     | -5     |          | 324      | 98       |
| 38511 CHAGYL                   | 4047N    | 05520E    | 115       |           | 996.3        | 1009.9         | 27.6        |        | 12.6           |        | 0             | 0     |        |          | 329      | 115      |
| 38545 DARGANATA                | 4028N    | 06217E    | 142       |           | 992.0        | 1008.2         | 25.9        |        | 11.9           |        | 0             | 0     |        |          | 342      |          |
| 38656 ERBENT                   | 3919N    | 05836E    | 87        |           | 999.2        | 1009.2         | 29.8        | -2     | 16.9           | 6.6    | 0             | 0     | -1     |          |          |          |
| 38687 CHARDZHEV                | 3905N    | 06336E    | 190       |           | 985.7        | 1007.5         | 27.2        | .3     | 13.3           | 1.3    | 1             | 2     | 1      |          | 337      | 89       |
| <b>38750 ESENGYLY</b>          | 3728N    | 05338E    | -22       |           | 1013.4       | 1010.8         | 27.9        | .8     | 27.0           | 1.6    | 2             | 3     | -4     |          | 285      | 97       |
| <b>38763 GYZYLARBAT</b>        | 3859N    | 05617E    | 92        |           | 999.9        | 1009.6         | 29.2        | -2     | 15.4           | 1.4    | 0             | 0     | -3     |          | 335      | 98       |
| 38880 ASHGABAT KESHI           | 3755N    | 05808E    | 312       |           | 999.9        | 1009.4         | 27.6        | -1.1   | 14.4           | 1.2    | 2             | 5     | 4      |          | 284      | 82       |
| <b>38895 BAJRAMALY</b>         | 3736N    | 06211E    | 240       |           | 981.7        | 1009.9         | 28.8        | -1     | 14.1           | 4.2    | 0             | 0     | -1     |          | 310      | 87       |
| <b>38915 KOYTENDAG</b>         | 3731N    | 06601E    | 265       |           | 975.0        | 1004.5         | 30.3        | 1.0    | 11.4           | -1.2   | 0             | 0     | 0      |          |          |          |
| 38974 SARAGT                   | 3632N    | 06113E    | 275       |           | 976.8        | 1007.7         | 29.0        | .6     | 12.1           | 3.5    | 1             | 2     | 2      |          | 356      | 99       |
| <b>UZBEKISTAN</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 38178 AK-BAJTAL                | 4309N    | 06420E    | 234       |           | 981.5        | 1007.8         | 26.7        | .1     | 9.7            | -5     | 1             | 7     | 5      | 5        | 359      | 96       |
| <b>38262 CHIMBAJ</b>           | 4257N    | 05949E    | 66        |           | 1004.6       | 1012.2         | 25.2        | .7     | 15.5           | .9     | 1             | 8     | 6      | 5        | 352      | 93       |
| 38396 URGENCH                  | 4134N    | 06034E    | 101       |           | 997.8        | 1009.4         | 25.2        |        | 13.6           |        | 0             | 0     |        | 3        |          |          |
| 38403 BUZAUBAJ                 | 4145N    | 06228E    | 98        |           | 997.0        | 1007.6         | 28.6        |        | 13.9           |        | 0             | 0     |        | 0        |          |          |
| <b>38413 TAMDY</b>             | 4144N    | 06437E    | 237       |           | 982.5        | 1009.1         | 28.3        | .1     | 7.3            | -2.5   | 0             | 0     | -1     | 0        | 361      | 98       |
| <b>38457 TASHKENT</b>          | 4116N    | 06916E    | 488       |           | 951.9        | 1005.9         | 26.5        | 1.1    | 13.0           | .0     | 1             | 3     | 1      | 5        | 318      | 87       |
| 38611 NAMANGAN                 | 4059N    | 07135E    | 474       |           | 953.6        | 1005.9         | 27.0        |        | 17.6           |        | 2             | 15    |        | 6        | 308      | 90       |
| 38618 FERGANA                  | 4022N    | 07145E    | 577       |           | 941.0        | 1004.1         | 26.7        | 1.7    | 18.5           | 2.7    | 2             | 10    | 9      | 5        | 310      | 90       |
| 38683 BUHARA                   | 3943N    | 06437E    | 226       |           | 981.0        | 1006.4         | 27.0        |        | 11.4           |        | 0             | 0     |        | 5        |          |          |
| 38696 SAMARKAND                | 3934N    | 06657E    | 724       |           | 927.0        | 1005.9         | 25.7        | 1.5    | 14.2           | 2.1    | 0             | 0     | 0      | 5        | 303      | 84       |
| 38812 KARSHI                   | 3848N    | 06543E    | 376       |           | 962.8        | 1004.4         | 27.6        |        | 12.8           |        | 0             | 0     |        | 4        |          |          |
| 38927 TERMEZ                   | 3714N    | 06716E    | 310       |           | 969.1        | 1003.6         | 28.9        | 2.1    | 13.3           | -1.1   | 0             | 0     | 0      | 6        | 360      | 99       |
| <b>SAUDI ARABIA</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40356 TURAIF                   | 3141N    | 03844E    | 855       |           | 911.5        |                | 29.4        |        | 11.4           |        | 0             | 0     |        |          | 346      |          |
| 40357 ARAR                     | 3054N    | 04108E    | 555       |           | 942.1        | 1000.9         | 34.1        |        | 14.3           |        | 0             | 0     |        |          |          |          |
| 40360 GURIAT                   | 3124N    | 03717E    | 509       |           | 948.7        | 1004.1         | 29.3        |        | 12.4           |        | 0             | 0     |        |          | 375      |          |
| <b>40361 AL-JOUF</b>           | 2947N    | 04006E    | 689       |           | 930.4        | 1001.7         | 33.1        |        | 7.8            |        | 0             | 0     |        |          |          |          |
| 40362 RAFHA                    | 2937N    | 04329E    | 449       |           | 952.6        | 1000.1         | 34.7        |        | 7.3            |        | 0             | 0     |        |          |          |          |
| <b>40394 HAIL</b>              | 2726N    | 04141E    | 1015      |           | 896.1        |                | 33.2        |        | 8.2            |        | 0             | 0     |        |          | 346      |          |
| 40405 GASSIM                   | 2618N    | 04346E    | 648       |           | 931.2        | 998.7          | 35.8        |        | 11.5           |        | 0             | 0     |        |          |          |          |
| 40416 DHAHRAN                  | 2616N    | 05010E    | 26        |           | 996.0        | 997.9          | 35.0        | .6     | 21.5           | 4.2    | 0             | 0     | 0      |          |          |          |
| 40437 KING KHALED INT. AIRPORT | 2456N    | 04643E    | 614       |           | 935.0        | 1000.2         | 35.4        |        | 6.1            |        | 0             | 0     |        |          | 322      |          |
| 41030 MAKKAH                   | 2126N    | 03946E    | 240       |           | 976.5        | 1002.5         | 34.8        |        | 22.8           |        | 3             | 14    |        |          |          |          |
| 41061 WADI AL-DAWASSER AIRPORT | 2030N    | 04515E    | 629       |           | 932.9        | 998.5          | 35.7        |        | 18.8           |        | 0             | 0     |        |          | 295      |          |
| 41084 BISHA                    | 1959N    | 04238E    | 1167      |           | 879.7        |                | 32.0        |        | 10.1           |        | 01            | 1     |        |          | 271      |          |
| 41112 ABHA                     | 1814N    | 04239E    | 2093      |           | 792.3        |                | 22.6        |        | 14.9           |        | 2             | 3     |        |          | 220      |          |
| 41114 KHAMIS MUSHAIT           | 1818N    | 04248E    | 2066      |           | 795.5        |                | 23.4        |        | 13.6           |        | 3             | 6     |        |          | 203      |          |
| 41128 NAJRAN                   | 1737N    | 04425E    | 1214      |           | 873.9        |                | 31.8        |        | 9.6            |        | 2             | 14    |        |          | 226      |          |
| 41136 SHARORAH                 | 1728N    | 04706E    | 725       |           | 921.9        | 998.4          | 33.8        |        | 15.2           |        | 2             | 5     |        |          | 267      |          |

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| STATION   | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 41140 GIZAN   | 1653N    | 04235E    | 7         |           | 1003.4       | 1004.1         | 33.0        |        | 32.2           |        | 6             | 34    |        |          |          |          |
| <b>KUWAIT</b><br>40582 KUWAIT INTERNATIONAL AIRPORT | 2913N    | 04758E    | 47        |           | 994.4        | 999.4          | 37.8        | 1.0    |                |        | 0             | 0     | 0      |          | 314      | 104      |
| <b>IRAN, ISLAMIC REPUBLIC OF</b><br>40745 MASHHAD   | 3616N    | 05938E    | 999       |           | 899.1        | 1008.0         | 25.8        | 1.2    | 10.9           | 1.1    | 1             | 2     | 1      |          | 344      | 96       |
| 40766 KERMANSHAH                                    | 3416N    | 04707E    | 1322      |           | 863.4        | 999.6          | 27.9        | .7     | 5.6            | -1.9   | 0             | 0     | -1     |          | 324      | 96       |
| 40831 ABADAN  | 3022N    | 04815E    | 6         |           | 998.6        | 999.4          | 36.5        | .4     | 15.3           | -1.2   | 0             | 0     | 0      |          | 357      | 123      |
| 40841 KERMAN  | 3015N    | 05658E    | 1754      |           | 821.3        | 998.3          | 26.7        | -2     | 7.7            | 1.4    | 2             | 7     | 6      |          | 338      | 104      |
| 40856 ZAHEDAN                                       | 2928N    | 06053E    | 1370      |           | 855.8        | 998.0          | 27.6        | .5     | 9.2            | 1.0    | 1             | 4     | 3      |          | 364      | 112      |
| <b>QATAR</b><br>41170 DOHA INTERNATIONAL AIRPORT    | 2515N    | 05134E    | 11        |           | 999.1        | 1000.0         | 35.3        | 1.0    | 31.7           | 3.2    | 0             | 0     | 0      | 5        | 324      | 99       |
| <b>OMAN</b><br>41241 KHASAB AIRPORT                 | 2610N    | 05614E    | 29        |           | 995.8        | 999.4          | 36.6        |        | 28.5           |        | 1             | 4     |        | 0        |          |          |
| 41242 DIBA  | 2537N    | 05615E    | 10        |           | 999.2        | 1001.7         | 32.0        |        | 32.8           |        | 1             | 1     |        | 0        |          |          |
| 41244 BURAIMI                                       | 2414N    | 05547E    | 372       |           | 966.7        | 1001.7         | 36.4        |        | 17.4           |        | 0             | 0     |        | 0        |          |          |
| 41246 SOHAR MAJIS                                   | 2428N    | 05638E    | 2         |           | 1000.2       | 1000.6         | 31.5        |        | 37.6           |        | 0             | 0     |        | 0        |          |          |
| 41252 IBRI  | 2325N    | 05631E    | 327       |           | 964.4        | 1002.2         | 35.4        |        | 20.0           |        | 4             | 11    |        | 0        |          |          |
| 41254 SAIQ  | 2304N    | 05738E    | 1986      |           | 800.6        | 1018.4         | 23.0        |        | 13.4           |        | 11            | 83    |        | 0        |          |          |
| 41255 NIZWA   | 2251N    | 05732E    | 462       |           | 950.2        | 1001.2         | 33.0        |        | 19.7           |        | 6             | 29    |        | 0        |          |          |
| 41256 SEEB, INT'L AIRPORT                           | 2335N    | 05817E    | 15        |           | 999.3        | 1000.3         | 31.1        |        | 32.9           |        | 0             | 0     |        | 0        | 108      |          |
| 41257 SAMAIL  | 2318N    | 05756E    | 417       |           | 954.6        | 1003.3         | 34.7        |        | 24.9           |        | 2             | 3     |        | 0        |          |          |
| 41258 MINA SULTAN QABOOS                            | 2337N    | 05834E    | 3         |           | 999.6        | 999.9          | 29.5        |        | 32.8           |        | 0             | 0     |        | 0        |          |          |
| 41259 JABAL SHAMS                                   | 2307N    | 05709E    | 2764      |           | 711.2        |                | 15.1        |        | 10.4           |        | 3             | 15    |        | 0        |          |          |
| 41262 FAHUD   | 2220N    | 05629E    | 168       |           | 980.8        | 1001.0         | 35.2        |        | 20.7           |        | 3             | 10    |        | 0        |          |          |
| 41263 BAHLA   | 2259N    | 05718E    | 592       |           | 936.6        | 1004.9         | 32.6        |        | 18.1           |        | 9             | 32    |        | 0        |          |          |
| 41264 ADAM AIRPORT                                  | 2223N    | 05731E    | 328       |           | 964.5        | 1002.8         | 33.2        |        | 19.4           |        |               |       |        |          |          |          |
| 41268 SUR   | 2232N    | 05928E    | 14        |           | 999.2        | 1000.6         | 31.7        |        | 27.5           |        | 0             | 0     |        | 0        |          |          |
| 41270 RAS AL HADD                                   | 2218N    | 05948E    | 43        |           | 996.2        | 998.1          | 24.5        |        | 26.4           |        | 0             | 0     |        | 0        |          |          |
| 41288 MASIRAH                                       | 2040N    | 05854E    | 19        |           | 1000.3       | 1002.4         | 26.5        |        | 26.2           |        | 0             | 0     |        | 0        |          |          |
| 41312 MINA SALALAH                                  | 1654N    | 05355E    | 25        |           | 1000.1       | 1004.1         | 24.5        |        | 28.9           |        | 7             | 20    |        | 0        |          |          |
| 41314 THUMRAIT                                      | 1740N    | 05401E    | 467       |           | 951.7        | 1006.3         | 29.3        |        | 20.5           |        | 1             | 1     |        | 0        |          |          |
| 41315 QAIROON HAIRITI                               | 1715N    | 05405E    | 881       |           | 907.3        | 1008.7         | 21.1        |        | 22.4           |        | 11            | 37    |        | 0        |          |          |
| 41316 SALALAH                                       | 1702N    | 05405E    | 23        |           | 1001.8       | 1004.3         | 25.6        |        | 27.9           |        | 2             | 11    |        | 0        |          |          |
| <b>PAKISTAN</b><br>41515 DROSH                      | 3534N    | 07147E    | 1465      |           | 846.0        |                | 27.5        | -1.6   | 16.2           |        | 7             | 53    | 31     | 5        |          |          |
| 41560 PARACHINAR                                    | 3352N    | 07005E    | 1726      |           |              |                |             |        |                |        | 11            | 230   | 128    | 6        |          |          |
| 41571 ISLAMABAD AIRPORT                             | 3337N    | 07306E    | 508       |           | 947.1        | 1002.5         | 28.3        | -2     | 29.7           |        | 17            | 609   | 300    | 5        |          |          |
| 41594 SARGODHA                                      | 3203N    | 07240E    | 188       |           | 979.3        | 999.8          | 31.3        |        | 29.7           |        | 7             | 45    |        | 4        |          |          |



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| STATION                           | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 41598 JHELMU                      | 3256N    | 07343E    | 234       |           | 974.3        | 1000.1         | 29.6        | -.3    | 33.7           |        | 13            | 241   | 20     | 3        |          |          |
| 41600 SIALKOT                     | 3230N    | 07432E    | 256       |           | 972.0        | 1000.2         | 28.4        | -.6    | 33.0           |        | 15            | 670   | 411    | 5        |          |          |
| <b>41620 ZHOB</b>                 | 3121N    | 06928E    | 1407      |           |              |                | 28.3        | -.6    | 17.3           |        | 3             | 38    | -20    | 3        |          |          |
| 41624 DERA ISMAIL KHAN            | 3149N    | 07055E    | 173       |           | 980.0        | 998.7          | 32.1        | .2     | 33.3           |        | 2             | 6     | -51    | 1        |          |          |
| <b>41640 LAHORE CITY</b>          | 3133N    | 07420E    | 215       |           | 976.5        | 1000.2         | 29.9        | -.8    | 34.4           |        | 14            | 351   | 188    | 5        |          |          |
| 41660 QUETTA AIRPORT              | 3015N    | 06653E    | 1589      |           | 836.3        |                | 26.9        | .5     | 12.2           |        | 4             | 15    | 3      | 4        |          |          |
| 41675 MULTAN                      | 3012N    | 07126E    | 123       |           | 985.7        | 999.8          | 32.3        | -.7    | 33.0           |        | 4             | 13    | -19    | 3        |          |          |
| 41685 BARKHAN                     | 2953N    | 06943E    | 1098      |           | 882.2        |                | 27.8        | -.9    | 22.5           |        | 4             | 47    | -48    | 4        |          |          |
| <b>41712 DAL BANDIN</b>           | 2853N    | 06424E    | 850       |           | 907.5        |                | 34.4        | 1.9    | 14.2           |        | 0             | 0     | -1     | 5        |          |          |
| 41715 JACOBABAD                   | 2818N    | 06828E    | 56        |           | 993.2        | 999.1          | 32.2        | -1.0   | 34.5           |        | 4             | 0027  | 0001   | 5        |          |          |
| 41718 KHANPUR                     | 2839N    | 07041E    | 88        |           | 989.4        | 999.0          | 31.9        | -.5    | 34.0           |        | 1             | 2     | -21    | 2        |          |          |
| 41739 PANJGUR                     | 2658N    | 06406E    | 981       |           | 894.6        |                | 30.1        | -.6    | 18.9           |        | 5             | 19    | 10     | 5        |          |          |
| 41744 KHUZDAR                     | 2750N    | 06638E    | 1232      |           | 869.8        |                | 27.3        | -2.0   | 12.1           |        | 9             | 133   | 69     | 5        |          |          |
| 41749 NAWABSHAH                   | 2615N    | 06822E    | 38        |           | 996.1        | 1000.1         | 32.3        | -.2    | 29.3           |        | 3             | 40    | -5     | 3        |          |          |
| 41756 JIWANI                      | 2504N    | 06148E    | 57        |           | 995.0        | 1001.4         | 28.4        | -.2    | 30.7           |        | 2             | 13    | 10     | 5        |          |          |
| <b>41759 PASNI</b>                | 2516N    | 06329E    | 6         |           | 1000.4       | 1000.9         | 28.6        |        | 31.0           |        | 1             | 16    | 5      | 5        |          |          |
| <b>41764 HYDERABAD</b>            | 2523N    | 06825E    | 30        |           | 995.5        | 1000.3         | 30.1        |        | 30.3           |        | 3             | 29    |        | 3        |          |          |
| 41768 CHHOR                       | 2531N    | 06947E    | 6         |           | 1000.3       | 1001.0         | 30.2        | .1     | 33.0           |        | 3             | 143   | 69     | 5        |          |          |
| 41780 KARACHI AIRPORT             | 2454N    | 06708E    | 22        |           |              | 1002.1         | 29.2        | .3     | 30.5           |        | 2             | 105   | 38     | 4        |          |          |
| <b>BANGLADESH</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 41859 RANGPUR                     | 2544N    | 08914E    | 34        |           | 997.8        | 1001.5         | 28.1        |        | 32.8           |        | 22            | 268   |        |          | 147      | 90       |
| 41883 BOGRA                       | 2451N    | 08922E    | 20        |           | 1000.4       | 1002.5         | 28.4        |        | 33.6           |        | 19            | 261   |        |          | 95       | 60       |
| 41891 SYLHET                      | 2454N    | 09153E    | 35        |           | 999.4        | 1003.1         | 27.6        |        | 32.5           |        | 30            | 534   |        |          | 119      | 85       |
| 41923 DHAKA                       | 2346N    | 09023E    | 9         |           | 1000.8       | 1001.8         | 28.3        |        | 32.0           |        | 28            | 213   |        |          | 102      | 60       |
| 41936 JESSORE                     | 2311N    | 08910E    | 7         |           | 1000.7       | 1001.4         | 28.6        |        | 33.6           |        | 23            | 310   |        |          | 99       | 75       |
| 41943 FENI                        | 2302N    | 09125E    | 8         |           | 1003.0       | 1003.7         | 27.6        |        | 31.7           |        | 22            | 525   |        |          | 122      | 85       |
| 41950 BARISAL                     | 2245N    | 09022E    | 4         |           | 1001.6       | 1001.9         | 28.2        |        | 33.6           |        | 24            | 398   |        |          | 123      | 90       |
| 41978 CHITTAGONG (PATENGA)        | 2216N    | 09149E    | 6         |           | 1002.3       | 1002.9         | 27.6        |        | 32.5           |        | 25            | 269   |        |          | 126      | 85       |
| 41992 COX'S BAZAR                 | 2126N    | 09156E    | 4         |           | 1002.7       | 1002.9         | 27.5        |        | 32.5           |        | 24            | 939   |        |          | 133      | 100      |
| <b>INDIA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>42027 SRINAGAR</b>             | 3405N    | 07450E    | 1587      |           | 834.7        |                | 23.9        | .4     | 20.8           |        | 10            | 89    | 13     | 4        | 169      |          |
| 42071 AMRITSAR                    | 3138N    | 07452E    | 234       |           | 974.3        | 1000.1         | 29.4        | -.3    | 33.9           |        | 12            | 0047  | -140   | 6        | 129      | 57       |
| 42147 MUKTESHWAR KUMAON           | 2928N    | 07939E    | 2311      |           |              |                | 17.4        | .5     | 18.2           |        | 16            | 171   | -110   | 1        |          |          |
| <b>42165 BIKANER</b>              | 2800N    | 07318E    | 224       |           | 974.5        | 999.0          | 31.7        | .0     | 29.5           |        | 7             | 118   | 47     | 5        |          |          |
| <b>42182 NEW DELHI/SAFDARJUNG</b> | 2835N    | 07712E    | 216       |           | 976.4        | 999.9          | 29.7        | -.3    | 33.5           |        | 12            | 218   | -17    | 3        | 116      | 66       |
| 42314 DIBRUGARH /MOHANBARI        | 2729N    | 09501E    | 111       |           | 990.2        | 1002.5         | 28.5        | .1     | 34.5           |        | 17            | 380   | -49    | 3        | 171      |          |
| 42339 JODHPUR                     | 2618N    | 07301E    | 224       |           | 976.4        | 1000.8         | 29.6        |        | 29.5           |        | 7             | 128   |        | 3        |          |          |
| 42404 DHUBRI                      | 2601N    | 08959E    | 36        |           | 998.5        | 1002.3         | 29.2        |        | 33.4           |        | 18            | 295   |        | 3        |          |          |
| <b>42410 GUWAHATI</b>             | 2606N    | 09135E    | 54        |           | 997.0        | 1003.1         | 29.9        | 1.1    | 34.9           |        | 13            | 135   | -92    | 1        | 210      | 130      |
| 42452 KOTA AERODROME              | 2509N    | 07551E    | 274       |           | 970.7        | 1001.1         | 28.2        | -.1    | 30.8           |        | 15            | 284   | 41     | 4        |          |          |
| 42475 ALLAHABAD/BAMHRAULI         | 2527N    | 08144E    | 98        |           |              |                | 29.7        | .5     | 34.4           |        | 19            | 296   | 30     | 4        | 143      | 79       |
| <b>42515 CHERRAPUNJI</b>          | 2515N    | 09144E    | 1313      |           | 864.3        |                | 20.7        | .1     | 23.0           |        | 26            | 1099  | -661   | 2        |          |          |
| <b>42587 DALTONGANJ</b>           | 2403N    | 08404E    | 221       |           | 974.5        | 999.9          | 28.8        | .0     | 32.0           |        | 18            | 395   | 105    | 5        |          |          |

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| STATION                          | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 42619 SILCHAR                    | 2445N    | 09248E    | 29        |           | 999.8        | 1003.3         | 28.8        |        | 34.3           |        | 24            | 481   |        | 3        |          |          |
| 42647 AHMADABAD                  | 2304N    | 07238E    | 55        |           | 997.1        | 1003.4         | 28.5        | .3     | 31.0           |        | 14            | 174   | -114   | 2        | 110      | 99       |
| <b>42671 SAGAR</b>               | 2351N    | 07845E    | 551       |           | 940.5        | 1000.9         | 25.7        | .1     | 29.7           |        | 17            | 602   | 135    | 5        |          |          |
| <b>42731 DWARKA</b>              | 2222N    | 06905E    | 11        |           | 1002.3       | 1003.5         | 27.5        | -.6    | 30.3           |        | 12            | 82    | 4      |          |          |          |
| 42754 INDORE                     | 2243N    | 07548E    | 567       |           | 940.1        | 1001.0         | 24.2        | -.9    | 27.0           |        | 14            | 393   | 33     | 4        |          |          |
| 42807 CALCUTTA/ALIPORE           | 2232N    | 08820E    | 6         |           | 1000.5       | 1001.2         | 29.2        | .1     | 34.4           |        | 19            | 679   | 330    | 5        | 85       | 82       |
| 42867 NAGPUR SONEGAON            | 2106N    | 07903E    | 310       |           | 967.5        | 1001.9         | 26.5        | -.6    | 30.5           |        | 19            | 328   | 37     | 4        |          |          |
| 42909 VERAVAL                    | 2054N    | 07022E    | 8         |           | 1003.7       | 1004.6         | 27.7        | .3     | 31.5           |        | 15            | 87    | -81    | 2        |          |          |
| 42933 AKOLA                      | 2042N    | 07702E    | 282       |           | 971.9        | 1003.3         | 26.3        | -.8    | 28.1           |        | 16            | 170   | -67    | 2        |          |          |
| 42971 BHUBANESHWAR               | 2015N    | 08550E    | 46        |           | 996.1        | 1001.2         | 27.7        | -.7    | 34.7           |        | 14            | 135   | -254   | 1        | 93       | 73       |
| <b>43041 JAGDALPUR</b>           | 1905N    | 08202E    | 553       |           | 943.0        | 1002.9         | 25.3        | -.1    | 27.9           |        | 19            | 229   | -138   | 1        |          |          |
| 43057 BOMBAY / COLABA            | 1854N    | 07249E    | 11        |           | 1004.7       | 1005.9         | 27.7        | .4     | 31.7           |        | 20            | 275   | -212   | 2        | 109      | 145      |
| <b>43063 PUNE</b>                | 1832N    | 07351E    | 559       |           | 944.8        | 1005.4         | 24.5        | .0     | 24.2           |        | 8             | 46    | -83    | 1        | 121      | 108      |
| <b>43128 HYDERABAD AIRPORT</b>   | 1727N    | 07828E    | 545       |           | 944.6        | 1004.3         | 25.8        | -.4    | 26.3           |        | 12            | 125   | -38    | 2        | 123      | 90       |
| 43150 CWC VISHAKHAPATNAM/WALTAIR | 1742N    | 08318E    | 66        |           | 994.9        | 1002.1         | 29.1        |        | 31.3           |        | 12            | 128   |        |          | 192      | 155      |
| 43185 MACHILIPATNAM/FRANCPET     | 1612N    | 08109E    | 3         |           | 1002.8       | 1003.1         | 29.5        | .5     | 29.9           |        | 11            | 100   | -81    | 2        | 164      |          |
| 43192 GOA/PANJIM                 | 1529N    | 07349E    | 60        |           | 1000.9       | 1007.7         | 26.7        | .3     | 31.7           |        | 27            | 361   | -261   | 2        | 136      | 111      |
| 43198 BELGAUM/SAMBRE             | 1551N    | 07437E    | 758       |           | 924.8        | 1006.6         | 23.0        | .1     | 24.3           |        | 16            | 120   | -24    | 3        |          |          |
| <b>43279 CHENNAI/MINAMBAKKAM</b> | 1300N    | 08011E    | 16        |           | 1004.1       | 1005.9         | 29.5        | -.6    | 29.1           |        | 13            | 168   | 30     | 4        | 165      | 85       |
| 43284 BAJPE                      | 1255N    | 07453E    | 102       |           | 996.8        | 1008.3         | 25.8        |        | 29.6           |        | 27            | 643   |        |          | 097      | 120      |
| <b>43295 BANGALORE</b>           | 1258N    | 07735E    | 921       |           | 906.3        |                | 23.8        | .3     | 22.2           |        | 11            | 94    | -25    | 2        | 85       | 75       |
| 43314 KOZHIKODE                  | 1115N    | 07547E    | 5         |           | 1008.4       | 1009.0         | 27.1        | 1.2    | 31.0           |        | 19            | 297   | -175   | 1        |          |          |
| <b>43333 PORT BLAIR</b>          | 1140N    | 09243E    | 79        |           | 998.7        | 1007.6         | 27.4        | 1.4    | 31.9           |        | 23            | 235   | -190   | 1        | 126      | 125      |
| <b>43363 PAMBAN</b>              | 0916N    | 07918E    | 11        |           | 1005.2       | 1006.5         | 29.9        | .4     | 31.5           |        | 2             | 6     | -3     | 4        |          |          |
| <b>43369 MINICOY</b>             | 0818N    | 07309E    | 2         |           | 1009.2       | 1009.4         | 28.2        | .7     | 31.9           |        | 15            | 254   | 13     | 3        | 221      | 119      |
| 43371 THIRUVANANTHAPURAM         | 0829N    | 07657E    | 64        |           | 1001.7       | 1009.0         | 27.3        | .9     | 29.3           |        | 11            | 128   | -24    | 3        | 136      | 82       |
| <b>SRI LANKA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 43418 TRINCOMALEE                | 0835N    | 08115E    | 79        |           |              |                | 29.3        | -.6    | 29.8           | 2.9    | 6             | 93    | 4      |          |          |          |
| 43424 PUTTALAM                   | 0802N    | 07950E    | 2         |           | 1007.1       | 1007.3         | 28.7        | .2     | 30.7           | 1.6    | 4             | 145   | 129    |          |          |          |
| 43441 KURUNEGALA                 | 0728N    | 08022E    | 116       |           | 994.9        | 1007.8         | 28.1        | .7     | 28.1           | .6     | 6             | 25    | -68    |          |          |          |
| 43466 COLOMBO                    | 0654N    | 07952E    | 7         |           | 1007.4       | 1008.6         | 28.1        | .5     | 30.8           | 1.7    | 10            | 22    | -92    |          | 218      | 108      |
| <b>43473 NUWARA ELIYA</b>        | 0658N    | 08046E    | 1880      |           | 811.7        |                | 16.2        | .5     | 16.2           | 1.1    | 18            | 175   | 16     |          |          |          |
| <b>43497 HAMBANTOTA</b>          | 0607N    | 08108E    | 20        |           | 1005.9       | 1007.5         | 27.9        | .5     | 30.5           | 2.4    | 01            | 1     | -54    |          |          |          |
| <b>MONGOLIA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 44203 RINCHINHUMBE               | 5107N    | 09940E    | 1583      |           | 836.5        | 1006.6         | 12.8        | 2.2    | 10.0           | 1.2    | 13            | 99    | 41     | 6        |          |          |
| 44207 HATGAL                     | 5026N    | 10000E    | 1669      |           | 828.2        | 1010.9         | 12.2        | 2.0    | 10.9           | 2.5    | 17            | 196   | 124    | 6        |          |          |
| <b>44212 ULAANGOM</b>            | 4948N    | 09205E    | 940       |           | 902.9        | 1007.3         | 18.1        | 1.5    | 12.3           | 1.9    | 9             | 71    | 49     | 6        | 266      | 90       |
| 44213 BARUUNTURUUN               | 4939N    | 09424E    | 1232      |           | 871.7        | 1006.3         | 16.6        | 1.3    | 7.8            | -3.0   | 10            | 42    | -1     | 3        |          |          |
| 44214 ULGI                       | 4856N    | 08956E    | 1716      |           | 823.6        | 1005.7         | 16.4        | 1.9    | 7.1            | -2.6   | 2             | 13    | -7     | 2        |          |          |
| 44215 OMNO-GOBI                  | 4901N    | 09143E    | 1590      |           | 836.1        | 1004.7         | 15.9        | 1.7    | 10.0           | .6     | 6             | 39    | 12     | 4        |          |          |
| <b>44218 HOVD</b>                | 4801N    | 09134E    | 1406      |           | 854.3        | 1004.4         | 18.6        | 1.9    | 10.3           | .1     | 7             | 26    | 4      | 4        |          |          |
| 44225 TOSONTSENGEL               | 4844N    | 09812E    | 1724      |           | 823.0        | 1010.8         | 13.2        | 1.5    | 10.2           | 1.5    | 12            | 90    | 44     | 5        |          |          |
| 44230 TARIALAN                   | 4934N    | 10200E    | 1236      |           | 872.4        | 1009.7         | 15.4        | 1.4    | 12.9           | 1.8    | 13            | 97    | 18     | 4        |          |          |

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| STATION                    | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|----------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                            |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>44231 MUREN</b>         | 4938N    | 10010E    | 1285      |           | 864.2        | 1006.0         | 16.1        | 1.7    | 13.2           | 2.8    | 12            | 70    | 16     | 4        | 234      | 85       |
| 44232 HUTAG                | 4923N    | 10240E    | 938       |           | 901.8        | 1007.4         | 16.4        | 1.0    | 11.2           | -1.1   | 13            | 186   | 98     | 6        |          |          |
| 44237 ERDENEMANDAL         | 4832N    | 10120E    | 1510      |           | 843.1        | 1005.8         | 14.0        | 1.2    | 11.1           | .0     | 18            | 156   | 81     | 5        |          |          |
| <b>44239 BULGAN</b>        | 4848N    | 10330E    | 1209      |           | 873.2        | 1008.2         | 15.0        | 1.1    | 10.0           | -1.1   | 17            | 145   | 82     | 5        |          |          |
| 44241 BARUUNHARAA          | 4855N    | 10600E    | 811       |           | 915.8        | 1005.1         | 17.7        | 1.4    | 15.1           | 3.4    | 12            | 107   | 48     | 5        |          |          |
| 44256 DASHBALBAR           | 4933N    | 11420E    | 706       |           | 925.2        | 1004.8         | 17.2        | .8     | 16.3           | 3.2    | 11            | 129   | 42     | 3        |          |          |
| <b>44259 CHOIBALSAN</b>    | 4805N    | 11430E    | 747       |           | 920.5        | 1004.3         | 17.7        | -2     | 14.8           | 1.4    | 16            | 175   | 132    | 5        |          |          |
| 44265 BAITAG               | 4607N    | 09128E    | 1186      |           | 877.0        | 1005.3         | 19.6        | 1.1    | 9.7            | -8     | 1             | 6     | -3     | 3        |          |          |
| <b>44272 ULIASTAI</b>      | 4745N    | 09651E    | 1761      |           | 818.1        | 1004.2         | 14.3        | 1.0    | 9.4            | .5     | 9             | 47    | -1     | 3        | 201      | 70       |
| 44275 BAYANBULAG           | 4650N    | 09805E    | 2255      |           | 772.2        | 1011.7         | 12.6        | 2.5    | 7.4            | -8     | 6             | 23    | 2      | 3        |          |          |
| 44277 ALTAI                | 4624N    | 09615E    | 2182      |           | 779.8        | 1010.6         | 13.8        | 1.5    | 7.5            | -1     | 7             | 37    | -3     | 3        |          |          |
| 44282 TSETSERLEG           | 4727N    | 10120E    | 1693      |           | 825.5        | 1006.9         | 14.1        | 1.3    | 11.4           | 1.5    | 14            | 80    | 14     | 3        |          |          |
| 44284 GALUUT               | 4642N    | 10000E    | 2126      |           | 784.2        | 1005.4         | 13.2        | 2.0    | 7.3            | -6     | 8             | 40    | -13    | 2        |          |          |
| 44285 HUIJRT               | 4654N    | 10240E    | 1662      |           | 828.5        | 1007.8         | 14.0        | 1.2    | 11.6           | 1.5    | 15            | 122   | 58     | 5        |          |          |
| 44287 BAYANHONGOR          | 4608N    | 10040E    | 1860      |           | 809.1        | 1003.9         | 16.3        | 1.8    | 8.9            | -5     | 7             | 47    | -1     | 3        | 289      | 99       |
| <b>44288 ARVAIHEER</b>     | 4616N    | 10240E    | 1813      |           | 814.0        | 1009.4         | 14.6        | .7     | 10.7           | 1.1    | 12            | 107   | 54     | 5        |          |          |
| 44292 ULAANBAATAR          | 4755N    | 10650E    | 1307      |           | 864.2        | 1008.1         | 15.5        | .8     | 11.5           | 1.1    | 11            | 75    | 24     | 4        | 205      | 79       |
| 44294 MAANTI               | 4718N    | 10720E    | 1430      |           | 851.1        | 1005.7         | 15.1        | .8     | 10.1           | -1.1   | 7             | 40    | -11    | 2        |          |          |
| 44298 CHOIR                | 4627N    | 10810E    | 1287      |           | 864.7        | 1003.7         | 17.9        | 1.0    | 7.9            | -4.5   | 7             | 18    | -25    | 1        |          |          |
| 44302 BAYAN-OVOO           | 4747N    | 11200E    | 926       |           | 902.5        | 1005.3         | 15.4        | -1.3   | 13.0           | .6     | 17            | 126   | 52     | 5        |          |          |
| 44304 UNDERKHAAN           | 4719N    | 11030E    | 1035      |           | 891.0        | 1004.4         | 17.0        | .5     | 12.5           | .5     | 8             | 46    | -3     | 2        |          |          |
| 44305 BARUUN-URT           | 4641N    | 11310E    | 982       |           | 896.2        | 1004.7         | 17.5        | -5     | 12.5           | -1     | 15            | 100   | 50     | 5        |          |          |
| 44313 KHALKH-GOL           | 4737N    | 11830E    | 689       |           | 926.6        | 1004.1         | 17.8        | .1     | 16.1           | 2.4    | 13            | 191   | 130    | 6        |          |          |
| 44314 MATAD                | 4710N    | 11530E    | 907       |           | 904.5        | 1005.4         | 17.4        | -9     | 13.5           | .8     | 10            | 76    | 26     | 4        |          |          |
| <b>44317 ERDENETSAGAAN</b> | 4554N    | 11520E    | 1076      |           | 886.2        | 1004.4         | 17.4        |        | 10.8           |        | 11            | 72    |        | 4        |          |          |
| 44336 SAIKHAN-OVOO         | 4527N    | 10350E    | 1317      |           | 862.2        | 1004.6         | 19.8        | 1.5    | 10.1           | -2     | 6             | 39    | 14     | 3        |          |          |
| <b>44341 MANDALGOBI</b>    | 4546N    | 10610E    | 1396      |           | 854.4        | 1004.0         | 18.1        | 1.1    | 10.6           | -5     | 5             | 41    | -2     | 3        |          |          |
| 44347 TSOGT-OVOO           | 4425N    | 10510E    | 1298      |           | 864.0        | 1002.1         | 21.6        | 1.9    | 10.1           | -1.8   | 4             | 10    | -13    | 1        |          |          |
| 44352 BAYANDELGER          | 4544N    | 11220E    | 1101      |           | 883.4        | 1002.2         | 18.9        | .5     | 11.5           | -1.5   | 7             | 24    | -28    | 2        |          |          |
| 44354 SAINSHAND            | 4454N    | 11000E    | 938       |           | 900.8        | 1003.5         | 23.2        | 2.3    | 11.7           | -1.8   | 8             | 38    | 8      | 4        |          |          |
| 44358 ZAMYN-UUD            | 4344N    | 11150E    | 965       |           | 898.1        | 1004.0         | 23.3        | 2.5    | 10.5           | -2.7   | 6             | 47    | 18     | 4        |          |          |
| <b>44373 DALANZADGAD</b>   | 4335N    | 10420E    | 1465      |           | 847.3        | 1001.6         | 21.7        | 2.4    | 9.1            | -1.6   | 5             | 39    | 7      | 4        | 254      | 85       |
|                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>HONG KONG, CHINA</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 45004 KOWLOON              | 2219N    | 11410E    | 66        |           | 997.3        | 1004.7         | 28.4        | -3     | 32.0           | 1.0    | 17            | 433   | 38     | 4        | 148      | 71       |
| <b>REPUBLIC OF KOREA</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47101 CHUNCHEON            | 3754N    | 12740E    | 78        |           | 998.1        | 1006.8         | 26.7        | 2.3    | 28.3           | 4.2    | 9             | 214   | -72    | 2        | 206      | 121      |
| 47105 GANGNEUNG            | 3745N    | 12850E    | 26        |           | 1003.1       | 1006.0         | 28.5        | 3.9    | 23.3           | -1.5   | 6             | 55    | -206   | 0        | 241      | 156      |
| 47108 SEOUL                | 3734N    | 12650E    | 86        |           | 996.8        | 1006.5         | 27.7        | 2.3    | 25.4           | .0     | 11            | 149   | -145   | 1        | 218      | 146      |
| 47112 INCHEON              | 3728N    | 12630E    | 69        |           | 998.7        | 1006.3         | 26.9        | 2.0    | 31.3           | 5.8    | 6             | 121   | -131   | 1        | 245      | 128      |
| 47115 ULLEUNGDO            | 3729N    | 13050E    | 221       |           | 981.5        | 1006.4         | 26.6        | 2.8    | 24.2           | -7     | 4             | 43    | -90    | 1        | 258      | 159      |
| 47133 DAEJEON              | 3622N    | 12720E    | 72        |           | 999.4        | 1007.2         | 27.8        | 2.4    | 30.1           | 4.1    | 10            | 127   | -150   | 1        | 261      | 138      |
| 47138 POHANG               | 3602N    | 12920E    | 4         |           | 1006.6       | 1006.9         | 28.8        | 3.2    | 27.5           | 1.8    | 11            | 85    | -87    | 1        | 245      | 138      |
| 47159 BUSAN                | 3506N    | 12900E    | 70        |           | 999.6        | 1007.4         | 28.0        | 2.1    | 24.8           | -2.0   | 9             | 145   | -58    | 2        | 287      | 136      |

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| STATION            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 47165 MOKPO        | 3449N    | 12620E    | 39        |           | 1003.3       | 1007.5         | 27.8        | 1.6    | 32.2           | 4.5    | 7             | 177   | 22     | 3        | 279      | 129      |
| 47168 YEOSU        | 3444N    | 12740E    | 67        |           | 1000.2       | 1007.4         | 27.0        | 1.1    | 28.1           | 1.5    | 8             | 247   | 18     | 3        | 286      | 129      |
| 47184 JEJU         | 3331N    | 12630E    | 23        |           | 1005.4       | 1007.7         | 29.1        | 2.5    | 29.6           | 1.6    | 8             | 74    | -167   | 1        | 262      | 117      |
| <b>JAPAN</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47401 WAKKANAI     | 4525N    | 14140E    | 12        |           | 1004.2       | 1005.6         | 20.2        | 1.0    | 20.2           | 1.6    | 16            | 116   | 4      | 3        | 114      | 77       |
| 47407 ASAHIKAWA    | 4345N    | 14220E    | 140       |           | 989.5        | 1005.5         | 21.9        | 1.0    | 20.4           | .8     | 18            | 221   | 63     | 5        | 136      | 84       |
| 47409 ABASHIRI     | 4401N    | 14410E    | 44        |           | 1001.0       | 1006.0         | 20.2        | 1.1    | 20.1           | 1.5    | 12            | 122   | 18     | 4        | 134      | 85       |
| 47412 SAPPORO      | 4304N    | 14120E    | 26        |           | 1002.4       | 1005.4         | 23.1        | 1.4    | 22.4           | 2.1    | 15            | 184   | 42     | 5        | 142      | 85       |
| 47418 KUSHIRO      | 4259N    | 14420E    | 40        |           | 1002.2       | 1006.8         | 19.2        | 1.4    | 20.2           | 2.1    | 13            | 90    | -28    | 2        | 100      | 81       |
| 47420 NEMURO       | 4320N    | 14530E    | 39        |           | 1003.8       | 1007.0         | 17.7        | .6     | 19.1           | 1.4    | 12            | 72    | -41    | 1        | 82       | 66       |
| 47421 SUTTSU       | 4248N    | 14010E    | 38        |           | 1001.3       | 1005.4         | 22.3        | 1.4    | 22.7           | 1.7    | 13            | 129   | -9     | 4        | 128      | 79       |
| 47426 URAKAWA      | 4210N    | 14240E    | 37        |           | 1001.9       | 1006.3         | 21.3        | 1.4    | 23.1           | 2.4    | 12            | 215   | 63     | 4        | 147      | 97       |
| 47430 HAKODATE     | 4149N    | 14040E    | 44        |           | 1000.9       | 1005.9         | 23.6        | 2.0    | 23.6           | 2.1    | 8             | 225   | 68     | 5        | 160      | 105      |
| 47570 WAKAMATSU    | 3729N    | 13950E    | 217       |           | 983.4        | 1007.4         | 25.4        | .7     | 25.1           | 1.1    | 11            | 116   | -2     | 3        | 206      | 106      |
| 47575 AOMORI       | 4049N    | 14040E    | 4         |           | 1005.8       | 1006.3         | 24.7        | 1.8    | 23.2           | .6     | 10            | 308   | 169    | 5        | 185      | 98       |
| 47582 AKITA        | 3943N    | 14000E    | 22        |           | 1004.4       | 1006.9         | 25.4        | 1.0    | 25.3           | 1.4    | 12            | 236   | 47     | 5        | 186      | 92       |
| 47584 MORIOKA      | 3942N    | 14110E    | 155       |           | 989.2        | 1006.8         | 24.2        | 1.0    | 23.4           | .5     | 12            | 225   | 49     | 4        | 179      | 108      |
| 47590 SENDAI       | 3816N    | 14050E    | 44        |           | 1002.1       | 1007.1         | 25.6        | 1.5    | 24.9           | .4     | 7             | 89    | -75    | 2        | 199      | 129      |
| 47600 WAJIMA       | 3724N    | 13650E    | 15        |           | 1006.4       | 1007.2         | 26.8        | 1.6    | 27.1           | 1.3    | 9             | 299   | 119    | 5        | 239      | 112      |
| 47604 NIIGATA      | 3755N    | 13900E    | 7         |           | 1006.8       | 1007.4         | 26.9        | .7     | 26.6           | 1.0    | 11            | 265   | 132    | 5        | 203      | 91       |
| 47605 KANAZAWA     | 3635N    | 13630E    | 34        |           | 1003.7       | 1007.4         | 28.2        | 1.6    | 26.5           | .4     | 9             | 300   | 129    | 5        | 247      | 122      |
| 47610 NAGANO       | 3640N    | 13810E    | 420       |           | 960.5        | 1007.1         | 25.4        | .6     | 24.1           | 1.4    | 13            | 235   | 143    | 6        | 199      | 104      |
| 47624 MAEBASHI     | 3624N    | 13900E    | 114       |           | 994.1        | 1006.9         | 28.1        | 2.2    | 24.8           | -5     | 10            | 184   | 13     | 3        | 225      | 139      |
| 47629 MITO         | 3623N    | 14020E    | 31        |           | 1003.9       | 1007.5         | 26.6        | 1.6    | 27.2           | .9     | 10            | 105   | -29    | 3        | 226      | 132      |
| 47636 NAGOYA       | 3510N    | 13650E    | 56        |           | 1001.1       | 1007.4         | 29.3        | 2.2    | 26.2           | -2     | 7             | 136   | -9     | 4        | 262      | 134      |
| 47648 CHOSHI       | 3544N    | 14050E    | 28        |           | 1004.4       | 1007.6         | 27.0        | 2.1    | 29.6           | 2.3    | 6             | 46    | -61    | 2        | 273      | 127      |
| 47651 TSU          | 3444N    | 13630E    | 18        |           | 1005.6       | 1007.7         | 29.2        | 2.4    | 27.1           | -5     | 7             | 80    | -95    | 3        | 269      | 136      |
| 47655 OMAEZAKI     | 3436N    | 13810E    | 47        |           | 1002.3       | 1007.6         | 27.9        | 1.8    | 31.4           | 2.6    | 7             | 30    | -185   | 1        | 269      | 121      |
| 47662 TOKYO        | 3541N    | 13940E    | 36        |           | 1002.9       | 1007.0         | 29.2        | 2.1    | 28.0           | 2.1    | 8             | 99    | -48    | 2        | 211      | 119      |
| 47675 OSHIMA       | 3445N    | 13920E    | 80        |           | 999.1        | 1007.6         | 27.3        | 2.8    | 30.5           | 3.2    | 6             | 43    | -176   | 1        | 226      | 133      |
| 47678 HACHIJOJIMA  | 3307N    | 13940E    | 156       |           | 990.8        | 1008.3         | 27.4        | .9     | 30.3           | .9     | 6             | 113   | -91    | 2        | 207      | 104      |
| 47740 SAIGO        | 3612N    | 13320E    | 32        |           | 1004.2       | 1007.4         | 27.2        | 1.5    | 28.9           | 2.0    | 6             | 150   | 20     | 4        | 225      | 100      |
| 47741 MATSUE       | 3527N    | 13300E    | 23        |           | 1005.1       | 1007.6         | 28.2        | 1.7    | 29.7           | 2.4    | 9             | 249   | 104    | 5        | 244      | 113      |
| 47746 TOTTORI      | 3529N    | 13410E    | 16        |           | 1006.0       | 1007.8         | 28.1        | 1.4    | 27.7           | 1.3    | 7             | 264   | 130    | 5        | 216      | 105      |
| 47750 MAIZURU      | 3527N    | 13510E    | 23        |           | 1005.4       | 1007.9         | 27.8        | 1.5    | 28.3           | 2.3    | 7             | 142   | -11    | 3        | 223      | 116      |
| 47765 HIROSHIMA    | 3424N    | 13220E    | 54        |           | 1001.9       | 1008.0         | 29.5        | 2.6    | 28.6           | 1.5    | 8             | 238   | 122    | 5        | 239      | 113      |
| 47772 OSAKA        | 3441N    | 13530E    | 83        |           | 998.5        | 1007.8         | 30.0        | 1.8    | 26.2           | .2     | 7             | 128   | 34     | 5        | 256      | 124      |
| 47778 SHIONOMISAKI | 3327N    | 13540E    | 76        |           | 1000.4       | 1008.2         | 27.9        | 1.5    | 30.5           | 1.5    | 4             | 48    | -224   | 1        | 287      | 128      |
| 47800 IZUHARA      | 3412N    | 12910E    | 19        |           | 1007.3       | 1007.8         | 28.8        | 2.6    | 29.7           | 1.8    | 9             | 421   | 179    | 4        | 223      | 127      |
| 47807 FUKUOKA      | 3335N    | 13020E    | 15        |           | 1006.4       | 1008.1         | 30.0        | 2.4    | 29.9           | 2.5    | 10            | 502   | 337    | 6        | 246      | 119      |
| 47815 OITA         | 3314N    | 13130E    | 13        |           | 1006.7       | 1008.2         | 29.3        | 2.5    | 28.5           | 1.1    | 7             | 88    | -86    | 2        | 243      | 122      |
| 47817 NAGASAKI     | 3244N    | 12950E    | 36        |           | 1004.5       | 1008.5         | 29.3        | 1.7    | 30.4           | 2.2    | 8             | 199   | 13     | 3        | 235      | 106      |
| 47827 KAGOSHIMA    | 3133N    | 13030E    | 32        |           | 1005.2       | 1008.8         | 30.0        | 2.1    | 30.6           | 1.9    | 7             | 93    | -120   | 1        | 228      | 111      |
| 47830 MIYAZAKI     | 3156N    | 13120E    | 15        |           | 1006.8       | 1008.5         | 29.3        | 2.1    | 29.3           | .1     | 10            | 77    | -217   | 1        | 270      | 123      |
| 47843 FUKUE        | 3242N    | 12850E    | 27        |           | 1005.2       | 1008.2         | 28.8        | 2.1    | 30.8           | 1.8    | 11            | 234   | 12     | 3        | 230      | 108      |

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| STATION               | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-----------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                       |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 47887 MATSUYAMA       | 3351N    | 13240E    | 34        |           | 1004.4       | 1008.3         | 29.2        | 2.0    | 28.0           | 2.1    | 6             | 119   | 21     | 4        | 243      | 111      |
| 47891 TAKAMATSU       | 3419N    | 13400E    | 14        |           | 1006.3       | 1007.9         | 29.8        | 2.7    | 27.3           | -.1    | 8             | 143   | 50     | 4        | 249      | 107      |
| 47895 TOKUSHIMA       | 3404N    | 13430E    | 6         |           | 1007.2       | 1007.9         | 29.0        | 1.8    | 28.3           | 1.0    | 10            | 106   | -72    | 3        | 256      | 120      |
| 47909 NAZE            | 2823N    | 12930E    | 8         |           | 1008.1       | 1009.0         | 29.4        | 1.3    | 31.1           | 1.1    | 11            | 116   | -195   | 1        | 220      | 115      |
| 47918 ISHIGAKIJIMA    | 2420N    | 12410E    | 11        |           | 1005.1       | 1006.8         | 29.7        | .9     | 33.3           | 1.7    | 14            | 201   | -34    | 3        | 224      | 95       |
| 47927 MIYAKOJIMA      | 2448N    | 12510E    | 42        |           | 1002.6       | 1007.3         | 29.1        | 1.1    | 31.8           | .8     | 12            | 164   | -62    | 2        | 236      | 100      |
| 47936 NAHA            | 2612N    | 12740E    | 28        |           | 1002.8       | 1008.4         | 29.6        | 1.5    | 31.2           | .6     | 9             | 212   | -46    | 3        | 242      | 105      |
| 47945 MINAMIDAITOJIMA | 2550N    | 13110E    | 21        |           | 1007.1       | 1009.4         | 29.3        | 1.4    | 31.1           | .2     | 11            | 113   | -79    | 3        | 266      | 114      |
| 47971 CHICHIJIMA      | 2706N    | 14210E    | 8         |           | 1010.0       | 1010.9         | 27.8        | .3     | 31.2           | .9     | 11            | 38    | -51    | 1        | 265      | 122      |
| 47991 MINAMITORISHIMA | 2417N    | 15350E    | 9         |           | 1011.9       | 1012.9         | 28.9        | 1.1    | 31.1           | 1.2    | 10            | 89    | -78    | 2        | 287      | 110      |
| <b>MYANMAR</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48008 MYITKYINA       | 2522N    | 09724E    | 147       |           | 986.7        | 997.6          | 28.6        |        |                |        | 22            | 608   | 197    |          |          |          |
| 48042 MANDALAY        | 2159N    | 09606E    | 76        |           | 995.0        | 998.5          | 29.8        |        |                |        | 8             | 130   | -3     |          |          |          |
| 48062 SITTWE          | 2008N    | 09253E    | 5         |           | 1004.2       | 1010.3         | 27.1        |        |                |        | 28            | 1031  | 6      |          |          |          |
| 48097 YANGON          | 1646N    | 09610E    | 15        |           | 1003.4       | 1007.1         | 27.5        |        |                |        | 28            | 464   | -138   |          |          |          |
| 48112 VICTORIA POINT  | 0958N    | 09835E    | 47        |           | 1003.6       | 1008.7         | 26.8        |        |                |        | 25            | 675   | -38    |          |          |          |
| <b>THAILAND</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48303 CHIANG RAI      | 1958N    | 09953E    | 393       |           | 960.7        | 1004.1         | 26.7        | .6     | 29.0           | .5     | 20            | 423   | 38     | 3        | 144      | 100      |
| 48327 CHIANG MAI      | 1847N    | 09859E    | 314       |           | 971.1        | 1006.1         | 27.3        | .7     | 29.2           | 1.2    | 19            | 299   | 63     | 4        | 100      | 70       |
| 48453 BANGNA AGROMET  | 1339N    | 10036E    | 3         |           | 1006.4       | 1006.7         | 29.0        |        | 30.9           |        | 19            | 233   |        |          | 150      | 90       |
| 48455 BANGKOK         | 1344N    | 10030E    | 4         |           | 1006.4       | 1006.9         | 28.7        | .6     | 31.1           | 1.2    | 22            | 234   | 37     | 4        | 130      | 81       |
| 48462 ARANYAPRATHET   | 1342N    | 10230E    | 49        |           | 1001.5       | 1007.1         | 28.1        | .7     | 31.1           | 1.1    | 19            | 317   | 115    | 5        |          |          |
| 48480 CHANTHA BURI    | 1237N    | 10200E    | 4         |           | 1006.8       | 1007.2         | 27.8        | .8     | 31.6           | 1.0    | 22            | 499   | -15    | 3        |          |          |
| 48565 PHUKET AIRPORT  | 0809N    | 09819E    | 9         |           | 1007.6       | 1008.6         | 28.2        | .6     | 30.4           | .3     | 13            | 141   | -131   | 1        | 72       | 41       |
| 48568 SONGKHLA        | 0712N    | 10030E    | 7         |           | 1007.9       | 1008.7         | 28.3        | .0     | 28.5           | -.2    | 12            | 209   | 109    | 5        | 185      | 87       |
| <b>VIET NAM</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48806 SON LA          | 2120N    | 10350E    | 676       |           | 929.9        | 1004.6         | 25.0        |        | 26.5           |        | 16            | 351   |        | 4        | 184      |          |
| 48808 CAO BANG        | 2240N    | 10610E    | 244       |           | 976.3        | 1003.7         | 27.0        |        | 30.3           |        | 15            | 0254  |        | 3        | 173      | 90       |
| 48826 PHU LIEN        | 2048N    | 10630E    | 116       |           | 990.2        | 1003.3         | 28.0        |        | 33.5           |        | 14            | 290   |        | 2        | 171      | 95       |
| 48830 LANG SON        | 2150N    | 10640E    | 263       |           | 974.0        | 1003.7         | 26.5        |        | 30.0           |        | 15            | 336   |        | 5        | 161      | 95       |
| 48840 THANH HOA       | 1945N    | 10540E    | 5         |           | 1002.0       | 1002.6         | 28.5        |        | 32.9           |        | 12            | 385   |        | 4        | 164      | 90       |
| 48845 VINH            | 1840N    | 10540E    | 6         |           | 1002.3       | 1003.0         | 29.2        |        | 31.2           |        | 6             | 153   |        | 2        | 176      | 90       |
| 48848 DONG HOI        | 1729N    | 10630E    | 8         |           | 1003.0       | 1003.8         | 29.0        |        | 29.3           |        | 7             | 78    |        | 6        | 186      | 90       |
| 48852 HUE             | 1626N    | 10730E    | 10        |           | 1002.8       | 1003.8         | 28.4        |        | 30.4           |        | 5             | 39    |        |          | 182      | 85       |
| 48855 DA NANG         | 1604N    | 10820E    | 7         |           | 1003.5       | 1004.3         | 29.3        |        | 30.9           |        | 6             | 80    |        | 2        | 166      | 75       |
| 48870 QUY NHON        | 1346N    | 10910E    | 6         |           | 1004.3       | 1005.0         | 29.4        |        | 29.5           |        | 8             | 101   |        | 1        | 154      | 65       |
| 48877 NHA TRANG       | 1213N    | 10910E    | 4         |           | 1004.9       | 1005.4         | 28.6        |        | 30.1           |        | 10            | 93    |        | 1        | 223      |          |
| 48887 PHAN THIET      | 1056N    | 10800E    | 8         |           | 1006.7       | 1007.3         | 27.2        |        | 30.0           |        | 15            | 229   |        | 4        | 219      | 105      |
| 48914 CA MAU          | 0911N    | 10500E    | 2         |           | 1008.1       | 1008.3         | 27.6        |        | 31.2           |        | 16            | 288   |        | 2        | 166      | 110      |
| 48917 PHU QUOC        | 1013N    | 10350E    | 4         |           | 1007.4       | 1008.0         | 27.9        |        | 31.7           |        | 21            | 316   |        |          | 163      |          |

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| STATION             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>LAO PDR</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48930 LUANG-PRABANG | 1953N    | 10200E    | 305       |           | 970.4        | 1003.9         | 28.3        | 1.6    | 29.9           | -8     | 20            | 394   | 106    | 5        | 144      | 102      |
| 48938 SAYABOURY     | 1914N    | 10140E    | 326       |           | 971.5        | 1004.1         | 27.6        |        | 30.4           |        | 22            | 308   |        | 4        | 125      |          |
| 48940 VIENTIANE     | 1757N    | 10230E    | 171       |           | 984.2        | 1003.0         | 27.6        | .4     | 30.4           | .0     | 19            | 400   | 78     | 5        | 140      | 102      |
| 48946 THAKHEK       | 1723N    | 10430E    | 152       |           | 987.9        | 1004.0         | 28.0        |        | 35.4           |        | 17            | 37    |        |          | 109      |          |
| 48947 SAVANNAKHET   | 1633N    | 10430E    | 145       |           | 990.0        | 1006.4         | 27.9        | .9     | 30.7           | 2.1    | 13            | 130   | -214   | 1        | 119      |          |
| 48948 SENO          | 1640N    | 10500E    | 185       |           | 985.2        | 1005.8         | 27.1        |        | 28.1           |        | 15            | 95    |        | 1        | 102      |          |
| 48955 PAKSE         | 1507N    | 10510E    | 102       |           | 994.4        | 1005.9         | 27.7        | 1.2    | 30.1           | .4     | 20            | 333   | -190   | 1        | 100      | 80       |
| <b>CHINA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 50527 HAILAR        | 4913N    | 11940E    | 611       |           | 930.3        | 1003.9         | 17.1        | -.1    | 15.5           | 1.2    | 10            | 102   | 13     | 3        | 205      | 75       |
| 50745 QIQIHAR       | 4723N    | 12350E    | 148       |           | 985.7        | 1002.8         | 21.5        | .6     | 21.0           | 3.0    | 7             | 144   | 50     | 4        | 213      | 79       |
| 51076 ALTAY         | 4744N    | 08805E    | 737       |           | 925.6        | 1008.3         | 19.2        | -1.1   | 13.6           | 3.1    | 5             | 18    | 5      | 3        | 320      | 98       |
| 51431 YINING        | 4357N    | 08120E    | 664       |           | 934.1        | 1008.1         | 22.6        | .8     | 14.8           | 1.4    | 6             | 33    | 22     | 5        | 317      | 101      |
| 51463 WU LU MU QI   | 4348N    | 08739E    | 947       |           | 905.3        | 1007.8         | 22.8        |        | 11.2           |        | 4             | 29    |        | 4        | 317      | 105      |
| 51709 KASHI         | 3928N    | 07559E    | 1291      |           | 865.3        | 1001.2         | 25.9        | 1.5    | 12.6           | -.4    | 3             | 15    | 7      | 5        | 274      | 96       |
| 51777 RUOQIANG      | 3902N    | 08810E    | 889       |           | 904.4        | 1000.2         | 26.4        | .4     | 11.8           | 1.4    | 1             | 2     | 0      | 4        | 273      | 90       |
| 51828 HOTAN         | 3708N    | 07956E    | 1375      |           | 855.9        | 999.4          | 26.9        | 2.5    | 11.9           | -1.1   | 0             | 0     | -3     | 2        | 213      | 93       |
| 52203 HAMI          | 4249N    | 09331E    | 739       |           | 920.7        | 1001.4         | 25.3        | .1     | 11.3           | -1.1   | 0             | 0     | -4     | 1        | 352      | 107      |
| 52533 JIUQUAN       | 3946N    | 09829E    | 1478      |           | 847.1        | 1004.1         | 20.7        | .3     | 12.8           | 1.3    | 7             | 21    | 4      | 4        | 270      | 95       |
| 52836 DOULAN        | 3618N    | 09806E    | 3190      |           | 691.7        |                | 16.7        | 2.5    | 7.1            | .2     | 2             | 17    | -12    | 2        | 322      | 115      |
| 52983 YU ZHONG      | 3552N    | 10400E    | 1875      |           | 808.2        |                | 19.5        |        | 15.2           |        | 9             | 48    |        | 1        | 273      | 115      |
| 53068 ERENHOT       | 4339N    | 11200E    | 966       |           | 898.4        | 1003.5         | 22.5        | 1.7    | 11.1           | -.8    | 4             | 41    | 2      | 4        | 288      | 97       |
| 53614 YINCHUAN      | 3828N    | 10610E    | 1112      |           | 883.7        | 1002.8         | 24.4        | 2.8    | 15.1           | -2.3   | 3             | 12    | -39    | 1        | 257      | 94       |
| 53772 TAIYUAN       | 3747N    | 11230E    | 779       |           | 920.0        | 1005.5         | 23.6        | 1.8    | 20.1           | .4     | 5             | 56    | -38    | 2        | 261      | 114      |
| 54292 YANJI         | 4252N    | 12930E    | 178       |           | 975.6        | 1005.2         | 21.6        | .3     | 20.6           | .4     | 8             | 125   | -9     | 4        | 210      | 115      |
| 54342 SHENYANG      | 4144N    | 12331E    | 43        |           | 999.0        | 1004.3         | 24.3        | .7     | 24.4           | 1.8    | 9             | 176   | 19     | 2        | 168      | 75       |
| 54511 BEIJING       | 3956N    | 11610E    | 55        |           | 1000.8       | 1004.4         | 27.3        | 2.7    | 24.6           | .5     | 9             | 119   | -63    | 3        | 224      | 98       |
| 54823 JINAN         | 3636N    | 11700E    | 169       |           | 985.9        | 1005.2         | 28.6        |        | 25.3           |        | 5             | 100   |        | 2        | 275      | 140      |
| 54857 QINGDAO       | 3604N    | 12020E    | 77        |           | 997.6        | 1006.2         | 27.0        | 1.7    | 27.2           | .4     | 5             | 43    | -113   | 1        | 258      | 116      |
| 55591 LHASA         | 2940N    | 09108E    | 3650      |           | 654.6        |                | 15.9        | 1.4    | 9.0            | -1.6   | 9             | 120   | -2     | 3        | 281      | 124      |
| 56137 QAMDO         | 3109N    | 09710E    | 3307      |           | 682.4        | 998.9          | 16.1        | .7     | 9.6            | -1.3   | 6             | 43    | -50    | 1        | 258      | 128      |
| 56187 WENJIANG      | 3045N    | 10352E    | 555       |           | 942.9        | 1003.5         | 26.5        |        | 26.3           |        | 7             | 228   |        | 4        | 169      | 130      |
| 56571 XICHANG       | 2754N    | 10210E    | 1599      |           | 836.6        |                | 23.6        | 1.5    | 17.8           | -1.6   | 11            | 138   | -39    | 2        | 197      | 99       |
| 56739 TENGCHONG     | 2507N    | 09829E    | 1649      |           | 830.9        |                | 20.4        | .6     | 19.7           | -.5    | 24            | 322   | 73     | 5        | 179      | 161      |
| 56778 KUNMING       | 2501N    | 10240E    | 1892      |           | 808.8        |                | 19.9        | .8     | 18.0           | -.4    | 17            | 154   | -51    | 2        | 175      | 109      |
| 56985 MENGZI        | 2323N    | 10320E    | 1302      |           | 865.1        | 1003.7         | 23.2        |        | 19.9           |        | 16            | 184   |        | 4        | 171      | 115      |
| 57083 ZHENGZHOU     | 3443N    | 11330E    | 111       |           | 992.3        | 1004.8         | 30.1        | 4.3    | 22.8           | -3.5   | 6             | 64    | -53    | 2        | 251      | 117      |
| 57131 JINGHE        | 3426N    | 10858E    | 411       |           | 958.3        | 1003.8         | 28.3        |        | 23.7           |        | 4             | 31    |        | 1        | 260      | 160      |
| 57461 YICHANG       | 3042N    | 11110E    | 134       |           | 989.1        | 1004.2         | 29.4        | 1.8    | 27.7           | -.7    | 11            | 273   | 88     | 5        | 192      | 90       |
| 57745 ZHANJIANG     | 2727N    | 10940E    | 273       |           | 973.7        | 1004.2         | 28.6        | 1.6    | 25.1           | -2.6   | 8             | 85    | -37    | 3        | 219      | 92       |
| 57993 GANZHOU       | 2552N    | 11500E    | 138       |           | 989.2        | 1004.7         | 29.8        | .8     | 28.4           | -.1    | 11            | 147   | 25     | 4        | 227      | 90       |
| 58362 SHANGHAI      | 3124N    | 12120E    | 8         |           | 1005.0       | 1005.8         | 31.0        |        | 27.7           |        | 9             | 112   |        | 2        | 242      | 120      |
| 58606 NANCHANG      | 2836N    | 11550E    | 50        |           | 999.0        | 1004.4         | 31.6        | 2.4    | 29.1           | -1.1   | 3             | 31    | -72    | 1        | 278      | 106      |
| 59287 GUANGZHOU     | 2310N    | 11320E    | 42        |           | 996.7        | 1004.9         | 27.5        | -.8    | 31.5           | .1     | 16            | 396   | 176    | 5        | 152      | 77       |

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>59316 SHANTOU</b>               | 2324N    | 11640E    | 3         |           | 1005.3       | 1005.7         | 28.9        | .9     | 31.5           | .0     | 14            | 396   | 182    | 4        | 185      | 80       |
| <b>59431 NANNING</b>               | 2238N    | 10810E    | 126       |           | 990.0        | 1003.8         | 27.7        | -.3    | 30.0           | -.7    | 12            | 271   | 57     | 5        | 174      | 86       |
| <b>59758 HAIKOU</b>                | 2002N    | 11020E    | 24        |           | 996.2        | 1003.6         | 27.9        | .1     | 31.2           | -.6    | 13            | 231   | 7      | 3        | 201      | 89       |
| 59948 SANYA                        | 1814N    | 10930E    | 420       |           | 957.8        | 1004.8         | 25.5        |        | 30.3           |        | 8             | 122   |        | 1        | 131      | 60       |
| <b>AFRICA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MADEIRA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08522 FUNCHAL                      | 3238N    | 01654W    | 58        |           | 1011.7       | 1018.4         | 23.1        | .8     | 21.0           | .9     | 0             | 0     | -3     | 2        | 273      | 114      |
| <b>SPAIN (CANARY ISLANDS)</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60001 HIERRO/AEROPUERTO            | 2749N    | 01753W    | 32        |           | 1012.1       | 1015.8         | 24.3        |        | 21.8           |        | 0             | 0     |        | 3        | 265      | 120      |
| 60005 LA PALMA/AEROPUERTO          | 2837N    | 01745W    | 31        |           | 1011.4       | 1015.0         | 24.4        |        | 21.7           |        | 0             | 0     |        | 4        | 217      | 100      |
| <b>60010 IZANA</b>                 | 2819N    | 01630W    | 2371      |           | 773.5        | 1011.6         | 19.2        |        | 5.3            |        | 1             | 6     |        | 5        | 341      | 95       |
| 60015 TENERIFE/LOS RODEOS          | 2828N    | 01619W    | 632       |           | 946.3        | 1015.1         | 23.4        |        | 16.7           |        | 1             | 3     |        | 2        | 236      | 90       |
| 60020 STA. CRUZ DE TENERIFE        | 2827N    | 01615W    | 36        |           | 1010.3       | 1014.5         | 26.2        | 1.1    | 19.5           | 1.3    | 1             | 2     | 1      | 5        | 300      | 96       |
| 60025 TENERIFE SUR                 | 2803N    | 01634W    | 77        |           | 1005.9       | 1014.7         | 26.2        |        | 20.2           |        | 0             | 0     |        | 6        | 253      | 100      |
| 60030 LAS PALMAS DE GRAN CANARIA/G | 2756N    | 01523W    | 47        |           | 1008.3       | 1013.6         | 26.4        | 2.3    | 20.1           | .7     | 1             | 1     | 1      | 6        | 244      | 85       |
| 60035 FUERTEVENTURA/AEROPUERTO     | 2827N    | 01352W    | 30        |           | 1010.6       | 1014.0         | 26.4        |        | 21.8           |        | 0             | 0     |        | 5        | 280      | 100      |
| 60040 LANZAROTE/AEROPUERTO         | 2857N    | 01336W    | 21        |           | 1011.6       | 1014.0         | 26.5        | 1.8    | 20.4           | .2     | 0             | 0     | -1     | 5        | 292      | 108      |
| <b>MOROCCO</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60101 TANGER (AERODROME)           | 3544N    | 00554W    | 21        |           | 1012.0       | 1014.4         | 25.8        | 1.9    | 20.0           |        | 0             | 0     | -2     | 0        | 352      | 110      |
| 60115 OUJDA                        | 3447N    | 00156W    | 470       |           | 961.9        | 1013.5         | 26.7        | 1.5    | 20.4           |        | 1             | 11    | 7      | 5        | 336      | 100      |
| 60120 KENITRA                      | 3418N    | 00636W    | 14        |           | 1012.4       | 1013.9         | 24.4        | 1.1    | 21.6           |        | 0             | 0     | -1     | 3        | 321      | 100      |
| 60135 RABAT-SALE                   | 3403N    | 00646W    | 84        |           | 1005.3       | 1013.9         | 23.6        | 1.2    | 20.0           |        | 1             | 1     | 0      | 0        | 312      | 100      |
| 60150 MEKNES                       | 3353N    | 00532W    | 576       |           | 950.7        | 1012.6         | 27.3        | 2.0    | 13.6           |        | 0             | 0     | -1     | 0        | 343      | 105      |
| 60155 CASABLANCA                   | 3334N    | 00740W    | 57        |           | 1007.0       | 1013.6         | 24.2        | 1.5    | 24.0           |        | 0             | 0     | -1     | 0        | 302      |          |
| 60230 MARRAKECH                    | 3137N    | 00802W    | 468       |           | 961.4        | 1011.6         | 30.7        | 2.4    | 14.9           |        | 1             | 5     | 2      | 5        | 288      | 90       |
| <b>60265 OUARZAZATE</b>            | 3056N    | 00654W    | 1140      |           | 889.1        |                | 30.6        | 1.8    | 7.0            |        | 1             | 4     | -1     | 2        | 316      |          |
| <b>SPAIN (CEUTA AND MELILLA)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60338 MELILLA                      | 3517N    | 00257W    | 55        |           | 1009.0       | 1015.3         | 26.2        | .9     | 26.2           | 3.9    | 2             | 4     | 3      | 5        | 279      | 110      |
| <b>ALGERIA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60351 JIJEL-ACHOUAT                | 3648N    | 00553E    | 10        |           | 1013.4       | 1014.8         | 25.4        |        | 23.4           |        | 7             | 43    |        |          | 335      |          |
| 60353 JIJEL-PORT                   | 3649N    | 00553E    | 6         |           | 1011.3       | 1012.0         | 21.1        |        | 22.2           |        | 5             | 54    |        |          | 160      |          |
| 60369 ALGER-PORT                   | 3646N    | 00306E    | 12        |           | 1014.4       | 1015.2         | 26.0        |        | 25.3           |        | 1             | 5     |        | 5        |          |          |
| 60387 DELLYS                       | 3655N    | 00357E    | 8         |           | 1013.8       | 1014.4         | 24.2        |        | 23.3           |        | 6             | 38    |        |          | 339      |          |
| 60390 DAR-EL-BEIDA                 | 3641N    | 00313E    | 29        |           | 1012.0       | 1015.3         | 25.4        | .2     | 23.3           |        | 3             | 17    | 10     | 5        | 338      |          |
| 60395 TIZI-OUZOU                   | 3642N    | 00403E    | 189       |           | 997.0        | 1014.5         | 26.9        |        | 19.9           |        | 3             | 11    |        |          | 335      |          |

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|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                          |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 60402 BEJAIA-AEROPORT    | 3643N    | 00504E    | 3         |           | 1014.9       | 1015.7         | 24.7        | -1     | 24.3           |        | 5             | 69    | 56     | 6        | 328      |          |
| 60403 GUELMA             | 3628N    | 00728E    | 228       |           | 989.7        | 1015.5         | 26.1        |        | 19.5           |        | 6             | 55    |        |          | 328      |          |
| 60405 BOUCHEGOUF         | 3630N    | 00743E    | 111       |           | 1001.3       | 1013.3         | 27.4        |        | 22.6           |        | 7             | 64    |        |          |          |          |
| 60410 TENES              | 3630N    | 00120E    | 18        |           | 1013.8       | 1015.9         | 26.4        |        | 24.9           |        | 1             | 3     |        |          | 354      |          |
| 60415 AIN-BESSAM         | 3619N    | 00332E    | 748       |           | 932.2        |                | 25.1        |        | 14.8           |        | 6             | 26    |        |          | 360      |          |
| 60417 BOUIRA             | 3623N    | 00353E    | 560       |           | 951.7        | 1013.7         | 26.2        |        | 16.6           |        | 5             | 23    |        |          | 348      |          |
| 60419 CONSTANTINE        | 3617N    | 00637E    | 694       |           | 938.1        | 1014.5         | 24.5        | -7     | 15.0           |        | 4             | 36    | 24     | 4        | 322      |          |
| 60421 OUM EL BOUAGHI     | 3552N    | 00707E    | 891       |           | 916.2        |                | 24.8        |        | 15.4           |        | 5             | 55    |        |          | 323      |          |
| 60423 SOUK AHRAS         | 3617N    | 00758E    | 680       |           | 921.6        |                | 23.9        |        | 17.5           |        | 8             | 61    |        |          | 329      |          |
| 60425 CHLEF              | 3613N    | 00120E    | 144       |           | 995.5        | 1013.9         | 29.5        | .5     | 17.1           |        | 0             | 0     | -6     | 2        | 350      |          |
| 60430 MILIANA            | 3618N    | 00214E    | 721       |           | 935.3        | 1014.1         | 26.8        | .2     | 15.5           |        | 1             | 7     | 0      | 4        | 352      |          |
| 60437 MEDEA              | 3617N    | 00244E    | 1036      |           | 899.3        |                | 24.9        |        | 14.2           |        | 3             | 26    |        |          | 356      |          |
| 60444 BORDJ-BOU-ARRERIDJ | 3604N    | 00446E    | 930       |           | 910.2        |                | 25.3        |        | 13.7           |        | 2             | 6     |        |          | 343      |          |
| 60445 SETIF              | 3611N    | 00515E    | 1040      |           | 904.3        |                | 23.7        |        | 11.4           |        | 4             | 25    |        |          | 338      |          |
| 60452 ARZEW              | 3549N    | 00016W    | 4         |           | 1014.6       | 1015.9         | 25.5        |        | 27.8           |        | 1             | 1     |        |          |          |          |
| 60457 MOSTAGANEM         | 3553N    | 00007E    | 138       |           | 998.1        | 1014.2         | 25.7        |        | 22.5           |        | 2             | 2     |        |          | 332      |          |
| 60461 ORAN-PORT          | 3542N    | 00039W    | 22        |           | 1012.5       | 1015.1         | 25.8        |        | 26.2           |        | 0             | 0     |        |          |          |          |
| 60467 M'SILA             | 3540N    | 00430E    | 442       |           | 964.0        | 1012.7         | 30.0        |        | 13.2           |        | 5             | 9     |        |          | 328      |          |
| 60468 BATNA              | 3545N    | 00619E    | 826       |           | 923.7        |                | 24.6        | .3     | 13.7           |        | 5             | 82    | 65     | 5        | 318      |          |
| 60471 BARIKA             | 3520N    | 00520E    | 461       |           | 962.4        | 1013.2         | 29.7        |        | 15.8           |        | 5             | 28    |        |          | 331      |          |
| 60475 TEBESSA            | 3525N    | 00807E    | 823       |           | 924.4        |                | 25.5        | .6     | 16.1           |        | 6             | 27    | 2      | 4        | 338      |          |
| 60476 KHENCHELLA         | 3528N    | 00705E    | 987       |           | 907.1        |                | 25.0        |        | 14.4           |        | 4             | 57    |        |          | 294      |          |
| 60490 ORAN-SENIJA        | 3538N    | 00036W    | 91        |           | 1004.2       | 1014.6         | 25.9        | .4     | 24.6           |        | 2             | 3     | 2      | 5        | 337      |          |
| 60511 TIARET             | 3521N    | 00128E    | 978       |           | 906.8        |                | 25.2        |        | 12.9           |        | 2             | 7     |        |          | 355      |          |
| 60514 KSAR CHELLALA      | 3510N    | 00219E    | 801       |           | 926.9        |                | 27.5        |        | 12.6           |        | 4             | 19    |        |          | 345      |          |
| 60515 BOU-SAADA          | 3520N    | 00412E    | 461       |           | 962.3        | 1013.0         | 30.0        |        | 15.4           |        | 3             | 6     |        |          | 331      |          |
| 60517 GHAZAOUET          | 3506N    | 00152W    | 5         |           | 1014.9       | 1015.7         | 25.8        |        | 26.7           |        | 1             | 2     |        |          |          |          |
| 60518 BENI-SAF           | 3518N    | 00121W    | 70        |           | 1005.4       | 1013.4         | 26.3        |        | 27.2           |        | 2             | 3     |        |          | 299      |          |
| 60520 SIDI-BEL-ABBES     | 3512N    | 00037W    | 476       |           | 959.6        | 1013.7         | 25.9        |        | 16.4           |        | 0             | 0     |        |          | 341      |          |
| 60522 MAGHNIA            | 3449N    | 00147W    | 428       |           | 966.8        | 1014.4         | 26.6        |        | 18.7           |        | 1             | 8     |        |          | 330      |          |
| 60525 BISKRA             | 3448N    | 00544E    | 89        |           | 1002.2       | 1012.2         | 32.3        | -5     | 14.9           |        | 2             | 11    | 5      | 4        | 335      |          |
| 60531 TLEMCEN-ZENATA     | 3501N    | 00128W    | 247       |           | 986.6        | 1014.6         | 25.8        |        | 20.9           |        | 0             | 0     |        |          | 336      |          |
| 60535 DJELFA             | 3420N    | 00323E    | 1185      |           | 885.4        |                | 24.7        | -2     | 11.3           |        | 2             | 5     | -13    | 2        | 312      |          |
| 60536 SAIDA              | 3452N    | 00009E    | 752       |           | 931.2        |                | 26.5        |        | 17.1           |        | 2             | 7     |        |          | 333      |          |
| 60540 EL-KHEITER         | 3409N    | 00004E    | 1001      |           | 904.4        |                | 26.8        |        | 10.7           |        | 2             | 11    |        |          | 333      |          |
| 60545 LAGHOUAT           | 3346N    | 00256E    | 763       |           | 929.3        |                | 29.1        |        | 12.2           |        | 2             | 6     |        |          | 324      |          |
| 60549 MECHERIA           | 3335N    | 00017W    | 1150      |           | 893.1        |                | 27.6        |        | 14.2           |        | 3             | 18    |        |          | 333      |          |
| 60550 EL-BAYADH          | 3340N    | 00100E    | 1347      |           | 869.6        |                | 26.0        |        | 10.2           |        | 2             | 6     |        | 1        | 317      |          |
| 60555 TOUGGOURT          | 3307N    | 00608E    | 92        |           | 1002.9       |                | 32.2        |        | 16.9           |        | 2             | 6     |        |          | 341      |          |
| 60557 NAAMA              | 3316N    | 00018W    | 1166      |           | 887.2        |                | 27.3        |        | 10.5           |        | 4             | 7     |        | 0        | 327      |          |
| 60559 EL-OUED            | 3330N    | 00647E    | 69        |           | 1005.3       | 1013.0         | 32.5        | .1     | 15.8           |        | 1             | 1     | 0      | 5        | 330      |          |
| 60560 AIN-SEFRA          | 3246N    | 00036W    | 1059      |           | 895.8        |                | 28.9        |        | 13.3           |        | 1             | 3     |        |          | 341      |          |
| 60563 HASSIR'MEL         | 3256N    | 00317E    | 764       |           | 928.8        |                | 30.0        |        | 23.1           |        | 1             | 2     |        |          | 341      |          |
| 60566 GHARDAIA           | 3224N    | 00348E    | 469       |           | 961.2        | 1012.1         | 31.9        | -6     | 13.6           |        | 0             | 0     | -1     | 4        | 329      |          |
| 60571 BECHAR             | 3130N    | 00215W    | 816       |           | 924.0        |                | 33.0        | .4     | 10.6           |        | 01            | 1     | 0      | 0        | 346      |          |
| 60580 OUARGLA            | 3156N    | 00524E    | 148       |           | 995.6        | 1012.0         | 33.7        |        | 11.0           |        | 1             | 2     |        |          | 341      |          |



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|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                          |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 60581 HASSI-MESSAOUD     | 3140N    | 00609E    | 144       |           | 995.8        | 1012.0         | 33.4        | -.3    | 14.2           |        | 1             | 2     | 1      | 5        | 352      |          |
| 60590 EL-GOLEA           | 3034N    | 00252E    | 403       |           | 967.3        | 1011.4         | 33.2        | .9     | 11.8           |        | 0             | 0     | -1     | 5        | 333      |          |
| 60602 BENI-ABBES         | 3008N    | 00210W    | 505       |           | 954.7        | 1009.0         | 35.0        | .4     | 12.9           |        | 01            | 1     | 0      | 5        | 340      |          |
| 60607 TIMIMOUN           | 2915N    | 00017E    | 317       |           | 974.8        | 1009.4         | 34.8        | -.1    | 9.0            |        | 0             | 0     | -1     | 5        | 314      |          |
| 60611 IN-AMENAS          | 2803N    | 00938E    | 562       |           | 948.9        | 1009.8         | 32.0        | 1.3    | 10.6           |        | 0             | 0     | -1     | 5        | 368      |          |
| 60620 ADRAR              | 2753N    | 00011W    | 283       |           | 977.4        | 1008.2         | 36.2        | .8     | 10.2           |        | 0             | 0     | -1     | 5        | 352      |          |
| 60630 IN-SALAH           | 2714N    | 00230E    | 269       |           | 978.6        | 1007.8         | 37.2        | .7     | 9.7            |        | 0             | 0     | -1     | 4        | 350      |          |
| 60640 ILLIZI             | 2630N    | 00825E    | 544       |           | 949.6        | 1008.5         | 33.8        |        | 12.4           |        | 0             | 0     |        |          | 356      |          |
| 60656 TINDOUF            | 2742N    | 00810W    | 443       |           | 960.0        | 1008.5         | 34.4        |        | 9.1            |        | 0             | 0     |        |          | 305      |          |
| 60670 DJANET             | 2416N    | 00928E    | 970       |           | 904.9        |                | 31.2        | .8     | 8.9            |        | 0             | 0     | -1     | 5        | 357      | 100      |
| 60680 TAMANRASSET        | 2248N    | 00526E    | 1364      |           | 863.7        |                | 28.9        | .7     | 12.5           |        | 3             | 12    | 7      | 5        | 227      | 75       |
| 60686 BORDJ-BADJ-MOKHTAR | 2120N    | 00057E    | 399       |           | 962.8        | 1005.9         | 35.2        |        | 16.1           |        | 4             | 47    |        |          | 114      |          |
| <b>TUNISIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60715 TUNIS-CARTHAGE     | 3650N    | 01014E    | 4         |           | 1014.6       | 1015.1         | 28.4        | 1.6    | 22.7           |        | 5             | 36    | 29     | 5        | 325      | 99       |
| 60725 JENDOUBA           | 3629N    | 00848E    | 144       |           | 998.2        | 1015.1         | 28.2        | 1.1    | 21.9           |        | 9             | 56    | 41     | 5        |          |          |
| 60735 KAIROUAN           | 3540N    | 01006E    | 68        |           | 1007.1       | 1015.0         | 29.5        | .8     | 20.4           |        | 7             | 49    | 36     | 6        | 322      | 96       |
| 60745 GAFSA              | 3425N    | 00849E    | 314       |           | 979.0        | 1013.9         | 29.7        | 1.0    | 16.0           |        | 1             | 6     | -2     | 4        | 304      | 90       |
| <b>NIGER</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61017 BILMA              | 1841N    | 01255E    | 357       |           | 967.4        | 1006.2         | 34.0        |        | 18.0           |        | 0             | 0     |        |          |          |          |
| 61024 AGADEZ             | 1658N    | 00759E    | 502       |           | 953.4        | 1008.4         | 29.9        |        | 24.2           |        | 8             | 135   |        | 5        | 178      | 65       |
| 61036 TILLABERY          | 1412N    | 00127E    | 210       |           | 986.0        | 1009.5         | 27.9        |        | 27.6           |        | 16            | 303   |        | 5        | 217      | 85       |
| 61043 TAHOUA             | 1454N    | 00515E    | 391       |           | 966.3        | 1009.6         | 27.3        |        | 25.9           |        | 9             | 126   |        | 3        | 190      | 75       |
| 61045 GOURE              | 1359N    | 01018E    | 464       |           | 960.4        | 1009.2         | 27.3        |        | 25.6           |        | 14            | 200   |        | 6        | 229      |          |
| 61049 N'GUIGMI           | 1415N    | 01307E    | 286       |           | 976.8        | 1007.9         | 28.5        |        | 26.9           |        | 11            | 140   |        | 4        | 197      | 80       |
| 61052 NIAMEY-AERO        | 1329N    | 00210E    | 227       |           | 985.8        | 1011.0         | 27.2        |        | 27.8           |        | 17            | 300   |        | 5        | 193      | 80       |
| 61053 DOSSO              | 1302N    | 00318E    | 213       |           |              |                | 26.6        |        | 28.7           |        | 19            | 281   |        |          | 204      |          |
| 61075 BIRNI-N'KONNI      | 1348N    | 00515E    | 273       |           | 980.1        | 1010.4         | 27.2        |        | 26.7           |        | 12            | 163   |        | 2        | 185      | 80       |
| 61080 MARADI             | 1328N    | 00705E    | 373       |           | 969.0        | 1010.4         | 26.2        |        | 27.7           |        | 10            | 282   |        | 5        | 209      |          |
| 61085 DIFFA              | 1325N    | 01247E    | 305       |           |              | 1017.1         | 26.5        |        | 23.3           |        |               | 156   |        |          |          |          |
| 61090 ZINDER             | 1347N    | 00859E    | 453       |           |              | 1009.6         | 26.9        |        | 25.2           |        | 14            | 256   |        | 4        | 210      | 90       |
| 61091 MAGARIA            | 1259N    | 00856E    | 403       |           | 966.2        | 1010.8         | 26.9        |        | 27.5           |        | 14            | 217   |        | 3        | 200      | 90       |
| 61096 MAINE-SOROA        | 1314N    | 01159E    | 338       |           | 972.4        | 1010.0         | 26.7        |        | 28.2           |        | 13            | 132   |        | 3        | 192      | 75       |
| 61099 GAYA               | 1153N    | 00327E    | 203       |           | 987.4        | 1009.7         | 26.6        |        | 29.9           |        | 17            | 225   |        | 3        | 176      | 85       |
| <b>MALI</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61233 NARA               | 1510N    | 00717W    | 271       |           | 981.0        |                | 27.6        | -.4    | 27.9           |        | 12            | 170   | 31     |          | 275      | 110      |
| 61257 KAYES              | 1426N    | 01126W    | 47        |           | 1005.2       | 1010.4         | 27.6        | .0     | 29.3           |        | 16            | 292   | 94     | 0        | 219      | 98       |
| 61265 MOPTI              | 1431N    | 00406W    | 276       |           | 979.4        | 1009.7         | 27.0        | -.8    | 28.4           |        | 15            | 211   | 56     | 0        | 219      | 89       |
| 61270 KITA               | 1304N    | 00928W    | 334       |           | 974.4        | 1011.6         | 26.5        | 1.1    | 28.1           |        | 20            | 422   | 140    | 5        | 198      | 101      |
| 61272 SEGOU              | 1324N    | 00609W    | 289       |           |              | 1011.2         | 26.7        | .2     | 29.1           |        | 19            | 229   | 19     | 3        | 205      | 89       |
| 61277 SAN                | 1320N    | 00450W    | 284       |           |              | 1011.1         | 26.9        | .1     | 29.9           |        | 16            | 311   | 99     | 4        | 205      | 87       |
| 61285 KENIEBA            | 1251N    | 01114W    | 132       |           | 996.7        |                | 26.5        | -.2    | 27.9           |        | 24            | 559   | 207    | 5        | 180      | 106      |

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| STATION                             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>MAURITANIA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61404 ZOUERATE                      | 2245N    | 01229W    | 343       |           | 971.0        | 1008.4         | 34.2        |        | 14.9           |        | 2             | 9     |        | 5        |          |          |
| 61437 AKJOUIT                       | 1945N    | 01422W    | 123       |           | 997.4        | 1010.7         | 32.9        |        | 20.4           |        | 6             | 91    |        |          |          |          |
| 61442 NOUAKCHOTT                    | 1806N    | 01557W    | 3         |           | 1010.2       | 1010.8         | 29.4        |        | 29.9           |        |               | 53    |        |          | 266      |          |
| 61461 BOUTILIMIT                    | 1732N    | 01441W    | 77        |           | 1003.2       | 1011.7         | 30.3        |        | 20.9           |        | 4             | 92    |        | 4        |          |          |
| 61492 KAEDI                         | 1609N    | 01331W    | 18        |           | 1010.8       | 1012.7         | 30.8        |        | 28.5           |        | 10            | 71    |        | 2        |          |          |
| 61497 NEMA                          | 1636N    | 00716W    | 269       |           | 985.2        |                | 33.6        |        | 24.9           |        | 4             | 62    |        | 4        |          |          |
| 61499 AIOUN EL ATROUSS              | 1642N    | 00936W    | 223       |           |              | 1009.7         | 30.7        |        | 26.6           |        | 5             | 100   |        | 5        |          |          |
| <b>SENEGAL</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61600 SAINT-LOUIS                   | 1603N    | 01627W    | 4         |           | 1010.7       | 1011.1         | 28.2        |        | 32.0           | 1.6    | 12            | 151   | 57     | 5        | 219      | 88       |
| 61612 PODOR                         | 1639N    | 01458W    | 7         |           | 1009.5       | 1010.1         | 30.8        |        | 29.2           | 2.6    | 10            | 73    | -4     | 3        | 242      |          |
| 61627 LINGUERE                      | 1523N    | 01507W    | 21        |           |              |                | 28.6        |        | 31.0           | 2.5    | 12            | 195   | 53     | 5        | 213      | 93       |
| 61630 MATAM                         | 1539N    | 01315W    | 17        |           | 1009.3       | 1011.2         | 30.2        |        | 30.8           | 3.2    | 9             | 82    | -51    | 2        | 221      | 86       |
| 61641 DAKAR/YOFF                    | 1444N    | 01730W    | 27        |           | 1008.7       | 1011.9         | 27.6        |        | 31.2           | 1.8    | 12            | 293   | 129    | 5        | 177      | 79       |
| 61666 DIOURBEL                      | 1439N    | 01614W    | 9         |           |              | 1011.1         | 27.9        |        | 31.7           | 3.1    | 15            | 186   | 1      | 3        | 194      |          |
| 61679 KAOLACK                       | 1408N    | 01604W    | 7         |           | 1011.7       | 1012.5         | 27.6        |        | 32.2           |        | 21            | 322   | 102    | 5        | 171      | 74       |
| 61687 TAMBACOUNDA                   | 1346N    | 01341W    | 50        |           | 1005.9       | 1011.6         | 27.3        |        | 29.1           | .1     | 15            | 205   | -22    | 3        | 162      | 82       |
| 61695 ZIGUINCHOR                    | 1233N    | 01616W    | 26        |           | 1009.7       | 1012.3         | 26.3        |        |                |        | 24            | 654   | 245    | 5        |          |          |
| 61698 KOLDA                         | 1253N    | 01458W    | 10        |           | 1010.9       | 1012.0         | 26.2        |        | 30.0           | .5     | 14            | 288   | 1      | 3        | 117      | 61       |
| <b>OCEAN ISLANDS</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61901 ST. HELENA IS.                | 1556S    | 00540W    | 436       |           | 969.2        | 1020.5         | 15.5        |        |                |        | 19            | 93    |        |          |          |          |
| 61968 ILES GLORIEUSES               | 1130S    | 04712E    | 4         |           | 1016.0       | 1016.5         | 24.6        |        | 20.6           |        | 6             | 22    |        |          |          |          |
| 61970 ILE JUAN DE NOVA              | 1700S    | 04242E    | 10        |           | 1016.3       | 1017.0         | 24.8        |        | 22.0           |        | 01            | 1     |        |          |          |          |
| 61972 ILE EUROPA                    | 2218S    | 04018E    | 6         |           | 1018.9       | 1019.6         | 22.4        |        | 20.0           |        | 1             | 11    |        |          |          |          |
| 61976 SERGE-FROLOW (ILE TROMELIN)   | 1548S    | 05430E    | 13        |           | 1017.0       | 1018.5         | 23.9        |        | 21.9           |        | 12            | 63    |        | 6        |          |          |
| 61980 SAINT-DENIS/GILLOT (REUNION)  | 2053S    | 05532E    | 20        |           | 1019.9       | 1021.4         | 21.4        |        | 16.9           |        | 9             | 62    |        |          | 245      |          |
| 61996 MARTIN DE VIVIES (ILE AMSTER) | 3748S    | 07730E    | 29        |           | 1015.3       | 1018.8         | 12.0        |        | 11.8           |        | 21            | 93    | -2     |          | 115      | 95       |
| 61997 ALFRED FAURE (ILES CROZET)    | 4618S    | 05130E    | 146       |           | 994.2        | 1012.3         | 3.8         |        | 7.0            |        | 17            | 141   |        |          |          |          |
| 61998 PORT-AUX-FRANCAIS (ILES KERG) | 4918S    | 07012E    | 29        |           | 998.5        | 1002.2         | 2.5         | .5     | 5.7            |        | 7             | 54    | -12    |          | 98       | 93       |
| <b>MAURITIUS</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61974 AGALEGA                       | 1026S    | 05645E    | 3         |           | 1014.4       | 1014.9         | 25.5        | .5     | 24.9           | .1     | 16            | 77    | 14     | 4        | 279      | 110      |
| 61986 ST. BRANDON (ST. RAPHAEL)     | 1627S    | 05937E    | 4         |           | 1017.4       | 1017.8         | 24.0        | .9     | 23.5           | .8     | 12            | 87    | 36     | 2        |          |          |
| 61988 RODRIGUES                     | 1941S    | 06325E    | 59        |           | 1013.8       | 1020.1         | 22.7        | 1.3    | 21.0           | 2.2    | 17            | 93    | 32     | 5        | 223      | 92       |
| 61990 PLAISANCE (MAURITIUS)         | 2026S    | 05741E    | 57        |           | 1015.9       | 1021.8         | 21.9        | 1.1    | 19.3           | .3     | 16            | 83    | -6     | 4        | 188      | 99       |
| 61995 VACOAS (MAURITIUS)            | 2018S    | 05730E    | 425       |           | 972.2        |                | 18.6        | 7.5    | 17.5           |        | 16            | 89    |        | 2        | 246      | 110      |
| <b>EGYPT</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 62306 MERSA MATRUH                  | 3120N    | 02713E    | 28        |           | 1006.8       | 1010.3         | 26.8        | 1.3    | 26.5           | 2.4    | 0             | 0     |        | 0        | 362      | 102      |
| 62318 NOUZHA                        | 3112N    | 02957E    | 7         |           | 1009.0       | 1008.8         | 27.2        | .9     | 26.6           | 2.4    | 0             | 0     |        | 0        |          |          |

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| STATION                          | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 62337 EL ARISH                   | 3105N    | 03349E    | 32        |           | 1004.2       | 1007.9         | 26.2        | .0     | 25.5           | 1.5    | 0             | 0     |        | 0        | 358      | 100      |
| 62378 HELWAN                     | 2952N    | 03120E    | 141       |           | 991.3        | 1007.5         | 29.3        | 1.7    | 20.1           | .6     | 0             | 0     |        | 5        | 350      | 104      |
| 62387 MINYA                      | 2805N    | 03044E    | 40        |           | 1002.2       | 1006.5         | 28.6        | .6     |                |        | 0             | 0     |        | 0        | 367      | 101      |
| 62403 SOUTH OF VALLEY UNIVERSITY | 2612N    | 03245E    | 96        |           | 995.2        | 1005.9         | 32.8        |        | 15.0           |        | 0             | 0     |        | 0        | 370      | 120      |
| <b>62414 ASSWAN</b>              | 2358N    | 03247E    | 200       |           | 984.6        | 1005.4         | 34.9        | 1.7    |                |        | 0             | 0     |        | 3        | 360      | 100      |
| <b>62417 SIWA</b>                | 2912N    | 02519E    | -13       |           | 1011.3       | 1009.9         | 30.8        | 1.4    |                |        | 0             | 0     |        | 0        | 378      | 104      |
| 62423 FARAFRA                    | 2703N    | 02759E    | 78        |           | 1000.1       | 1008.8         |             |        | 13.2           | .8     | 0             | 0     |        | 0        | 376      |          |
| 62435 KHARGA                     | 2527N    | 03032E    | 78        |           | 996.9        | 1005.8         | 33.4        | 1.4    | 13.9           | -1.3   | 0             | 0     |        | 0        | 364      | 100      |
| 62453 ELHASANA                   | 3027N    | 03346E    | 255       |           | 981.9        | 1008.0         | 27.9        |        | 20.5           |        | 0             | 0     |        | 0        | 358      | 120      |
| 62467 DAHAB                      | 2829N    | 03430E    | 19        |           | 1001.5       | 1003.7         | 32.1        |        | 19.5           |        | 0             | 0     |        | 0        | 376      | 100      |
| <b>SUDAN</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>62600 WADI HALFA</b>          | 2149N    | 03121E    | 190       |           | 986.9        | 1007.4         | 35.4        | 2.9    | 14.4           |        | 1             | 5     | 4      | 6        | 298      |          |
| <b>62640 ABU HAMED</b>           | 1932N    | 03319E    | 312       |           | 969.6        | 1003.9         | 34.7        | .2     | 16.9           |        | 1             | 15    | 9      | 5        | 245      |          |
| <b>62641 PORT SUDAN</b>          | 1935N    | 03713E    | 42        |           | 1000.9       | 1005.6         | 35.2        | .7     | 21.3           |        | 1             | 11    | 10     | 5        | 186      |          |
| <b>62650 DONGOLA</b>             | 1910N    | 03029E    | 226       |           | 980.8        | 1006.9         | 35.1        | 1.6    | 17.6           |        | 1             | 11    | 8      | 5        | 267      |          |
| 62660 KARIMA                     | 1833N    | 03151E    | 249       |           | 977.6        | 1006.6         | 32.8        | -1.6   | 17.5           |        | 4             | 11    | 0      | 5        | 232      |          |
| 62680 ATBARA                     | 1742N    | 03358E    | 347       |           | 965.7        | 1005.7         | 32.7        | -.8    | 23.3           |        | 6             | 89    | 63     | 5        | 200      |          |
| 62721 KHARTOUM                   | 1536N    | 03233E    | 382       |           | 964.9        | 1007.5         | 29.5        | -2.0   | 23.4           |        | 8             | 69    | -6     | 4        |          |          |
| <b>62730 KASSALA</b>             | 1528N    | 03624E    | 500       |           | 957.1        | 1012.9         | 28.6        | -.5    | 24.3           |        | 7             | 106   | 21     | 4        | 224      |          |
| 62751 WAD MEDANI                 | 1424N    | 03329E    | 408       |           | 964.3        | 1009.7         | 27.5        | -1.1   | 24.7           |        | 11            | 123   | 11     | 4        | 185      |          |
| 62752 GEDAREF                    | 1402N    | 03524E    | 599       |           | 942.1        | 1009.1         | 26.1        | -.2    | 24.9           |        | 14            | 286   | 102    | 4        | 185      |          |
| <b>62760 EL FASHER</b>           | 1337N    | 02520E    | 733       |           | 927.3        | 1007.0         | 27.6        | -.3    | 23.3           |        | 9             | 67    | -20    | 3        | 184      |          |
| <b>62762 SENNAR</b>              | 1333N    | 03337E    | 418       |           | 960.7        | 1007.5         | 26.7        | -1.3   | 26.2           |        | 11            | 210   | 75     | 5        | 146      |          |
| <b>62770 GENINA</b>              | 1329N    | 02227E    | 805       |           | 922.4        | 1010.6         | 26.4        | .6     | 23.8           |        | 8             | 242   | 28     | 5        | 167      |          |
| 62771 EL OBEID                   | 1310N    | 03014E    | 574       |           | 945.3        | 1009.0         | 26.3        | -1.2   | 24.3           |        | 14            | 234   | 124    | 5        | 167      |          |
| 62772 AROMA                      | 1310N    | 03240E    | 381       |           | 966.2        | 1008.9         | 27.1        | -1.1   | 24.0           |        | 11            | 236   | 117    | 6        | 162      |          |
| <b>62781 EN NAHUD</b>            | 1242N    | 02826E    | 565       |           | 942.4        | 1004.5         | 27.4        | -.3    | 25.7           |        | 9             | 186   | 71     | 5        | 185      |          |
| 62790 NYALA                      | 1203N    | 02453E    | 643       |           | 938.2        | 1009.9         | 25.0        | -2.1   | 24.7           |        | 11            | 139   | 21     | 4        | 189      |          |
| 62795 ABU NA'AMA                 | 1244N    | 03408E    | 445       |           | 959.5        | 1009.2         | 26.6        | -.1    | 25.2           |        | 15            | 158   | 13     | 3        | 136      |          |
| 62805 DAMAZINE                   | 1147N    | 03423E    | 474       |           | 955.8        | 1008.3         | 26.5        | .4     | 26.2           |        | 17            | 277   | 106    | 5        | 137      |          |
| 62810 KADOGLLI                   | 1100N    | 02943E    | 499       |           |              |                | 26.7        | .4     | 25.9           |        | 13            | 179   | 16     | 4        | 145      |          |
| <b>ETHIOPIA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 63331 GONDAR                     | 1233N    | 03725E    | 1967      |           | 805.3        | 1023.0         | 18.3        |        | 17.7           |        | 27            | 310   |        | 5        | 128      |          |
| 63402 JIMMA                      | 0740N    | 03650E    | 1725      |           | 837.5        | 1002.2         | 19.7        |        | 17.6           |        | 25            | 255   |        | 4        | 108      |          |
| <b>63450 ADDIS ABABA-BOLE</b>    | 0902N    | 03845E    | 2354      |           | 773.7        | 1011.7         | 16.4        |        | 14.1           |        | 28            | 270   |        | 1        |          |          |
| <b>KENYA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>63612 LODWAR</b>              | 0307N    | 03537E    | 506       |           | 956.1        | 1012.4         | 29.3        | .6     | 21.2           | 2.9    | 2             | 34    | 26     | 5        | 305      | 100      |
| <b>63624 MANDERA</b>             | 0356N    | 04152E    | 331       |           | 987.6        | 1013.6         | 29.7        |        | 17.9           |        |               |       |        |          |          |          |
| <b>63661 KITALE</b>              | 0101N    | 03500E    | 561       |           | 817.8        |                | 18.8        | 1.3    | 17.0           | 2.5    | 18            | 189   | 39     |          |          |          |
| 63686 ELDORET                    | 0032N    | 03517E    | 2133      |           |              |                | 16.3        |        | 14.9           |        | 19            | 285   |        |          | 189      | 95       |
| <b>63723 GARISSA</b>             | 0028S    | 03938E    | 128       |           | 997.0        | 1013.8         | 27.6        | .0     | 20.4           | .2     |               |       |        |          | 258      | 100      |

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| STATION  | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>63740 NAIROBI/KENYATTA AIRPORT</b>                        | 0119S    | 03655E    | 1624      |           | 841.0        |                | 17.0        |        | 14.3           |        | 2             | 33    |        |          |          |          |
| <b>UNITED REPUBLIC OF TANZANIA</b><br>63756 MWANZA           | 0228S    | 03255E    | 1140      |           | 887.2        |                | 22.9        |        | 16.6           |        | 3             | 40    | 15     |          | 271      |          |
| <b>KENYA</b><br>63799 MALINDI                                | 0314S    | 04006E    | 23        |           | 1013.0       | 1015.6         | 26.3        |        | 24.5           |        | 9             | 51    |        |          |          |          |
| <b>63820 MOMBASA INTERNATIONAL</b>                           | 0402S    | 03937E    | 6         |           | 1009.7       | 1016.4         | 24.0        | .0     | 24.6           | 2.4    | 14            | 56    | -12    | 3        | 222      | 91       |
| <b>UNITED REPUBLIC OF TANZANIA</b><br>63832 TABORA AIRPORT   | 0505S    | 03250E    | 1190      |           |              |                | 24.0        |        | 12.2           |        | 3             | 9     | 7      |          |          |          |
| <b>63862 DODOMA</b>  | 0610S    | 03546E    | 1120      |           | 892.4        |                | 20.5        |        | 13.5           |        | 0             | 0     | 0      | 0        | 313      |          |
| <b>63894 DAR ES SALAAM INT</b>                               | 0652S    | 03912E    | 55        |           | 1010.6       | 1016.9         | 24.0        |        | 23.5           |        | 3             | 9     | -18    |          |          |          |
| <b>63962 SONGEA</b>  | 1041S    | 03535E    | 1067      |           | 899.4        |                | 19.4        |        | 10.9           |        | 0             | 0     | 0      | 0        | 249      |          |
| <b>SEYCHELLES</b><br>63980 SEYCHELLES INTERNATIONAL AIR      | 0440S    | 05531E    | 3         |           | 1012.0       | 1012.4         | 26.5        | .6     | 26.2           | -3     | 6             | 23    | -74    | 1        | 266      | 116      |
| <b>DEMO. REPUBLIC OF THE CONGO</b><br>64210 KINSHASA/N'DJILI | 0423S    | 01526E    | 312       |           |              | 1012.4         | 23.7        |        | 20.2           |        | 0             | 0     |        |          |          |          |
| <b>CONGO</b><br>64400 POINTE-NOIRE                           | 0449S    | 01154E    | 17        |           | 1012.1       | 1014.1         | 22.4        |        | 22.1           |        | 1             | 2     |        | 5        | 163      | 155      |
| 64403 MAKABANA   | 0329S    | 01237E    | 161       |           |              |                | 22.9        |        | 22.7           |        |               |       |        |          |          |          |
| 64405 SIBITI   | 0341S    | 01321E    | 530       |           |              |                | 21.3        |        | 19.8           |        | 0             | 0     |        |          |          |          |
| 64450 BRAZZAVILLE /MAYA-MAYA                                 | 0415S    | 01515E    | 319       |           | 976.5        | 1012.1         | 23.9        |        | 19.3           |        | 1             | 7     |        | 4        | 189      | 140      |
| 64458 OUESSO   | 0137N    | 01603E    | 352       |           | 971.4        | 1010.0         | 24.9        |        | 26.1           |        | 6             | 133   |        | 2        |          |          |
| <b>64459 IMPFONDO</b>  | 0137N    | 01804E    | 335       |           |              | 1012.0         | 24.8        |        | 26.9           |        | 11            | 98    |        | 1        | 127      |          |
| <b>CENTRAL AFRICAN REPUBLIC</b><br>64600 BERBERATI           | 0415N    | 01548E    | 583       |           | 947.1        | 1009.9         | 23.0        |        | 24.6           |        | 10            | 175   |        |          | 130      |          |
| 64601 BOUAR  | 0558N    | 01538E    | 1020      |           | 900.2        |                | 20.8        |        | 22.1           |        | 23            | 418   |        |          |          |          |
| 64650 BANGUI   | 0424N    | 01831E    | 366       |           | 969.8        | 1010.7         | 24.8        |        | 26.3           |        | 13            | 230   |        |          | 128      |          |
| <b>CHAD</b><br>64700 NDJAMENA                                | 1208N    | 01502E    | 295       |           | 976.0        | 1009.0         | 26.2        |        | 27.5           | 1.3    | 17            | 215   | 41     |          | 178      | 89       |
| 64750 SARH   | 0909N    | 01823E    | 365       |           | 968.9        | 1009.7         | 25.2        |        | 26.6           | -5     | 17            | 222   | -21    |          | 140      | 80       |
| <b>NIGERIA</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

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| STATION                         | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                 |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 65123 MINNA                     | 0937N    | 00632E    | 262       |           | 979.1        | 1011.3         | 25.3        | .1     |                |        | 11            | 222   | -49    | 2        | 94       | 64       |
| 65167 YOLA                      | 0914N    | 01228E    | 191       |           | 991.8        | 1012.7         | 26.7        |        | 28.6           | .6     | 11            | 120   | -70    | 1        | 141      | 72       |
| <b>BENIN</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>65306 KANDI</b>              | 1108N    | 00256E    | 292       |           | 977.8        | 1011.5         | 25.9        | -.1    | 28.1           | .8     | 15            | 332   | 61     | 5        | 149      | 76       |
| 65319 NATITINGOU                | 1019N    | 00123E    | 461       |           |              | 1010.8         | 25.1        | .2     | 27.1           | 1.5    | 17            | 182   | -81    | 1        | 147      | 106      |
| 65330 PARAKOU                   | 0921N    | 00237E    | 393       |           | 967.8        | 1011.7         | 24.3        | -.4    | 24.9           | -.5    | 8             | 126   | -82    | 1        | 121      | 105      |
| <b>65335 SAVE</b>               | 0802N    | 00228E    | 200       |           | 990.1        | 1012.6         | 24.6        | -.4    | 25.3           | -.4    | 3             | 95    | -53    | 2        | 101      | 109      |
| 65338 BOHICON                   | 0710N    | 00204E    | 167       |           | 993.8        | 1012.6         | 24.8        | -.5    | 25.6           | -.3    | 3             | 35    | -77    | 2        | 106      | 110      |
| 65344 COTONOU                   | 0621N    | 00223E    | 9         |           | 1012.1       | 1012.8         | 25.7        | .1     | 27.0           | -.5    | 1             | 2     | -62    | 1        | 190      | 128      |
| <b>TOGO</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65352 MANGO                     | 1022N    | 00028E    | 146       |           |              |                | 26.3        | .3     | 28.0           |        | 14            | 223   | -13    | 3        |          |          |
| 65355 NIAMTOUGOU                | 0946N    | 00106E    | 343       |           | 960.6        | 1012.3         | 24.2        |        | 26.0           |        | 11            | 134   |        |          | 125      |          |
| 65361 SOKODE                    | 0859N    | 00109E    | 387       |           |              |                | 24.2        |        | 25.4           |        | 11            | 144   | -102   | 1        |          |          |
| 65376 ATAHPAME                  | 0735N    | 00107E    | 402       |           | 966.7        | 1012.9         | 23.9        | .0     | 24.3           |        | 8             | 85    | -96    | 1        |          |          |
| 65387 LOME                      | 0610N    | 00115E    | 25        |           | 1010.2       | 1011.9         | 25.1        | -.1    | 26.0           |        |               |       |        |          |          |          |
| <b>GHANA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65442 KUMASI                    | 0643N    | 00136W    | 293       |           | 981.1        | 1014.5         | 24.0        |        | 25.2           |        | 2             | 57    |        |          | 55       |          |
| <b>BURKINA FASO</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>65501 DORI</b>               | 1402N    | 00002W    | 277       |           | 979.3        | 1010.3         | 27.4        |        | 27.9           |        | 13            | 250   |        | 5        | 199      | 80       |
| 65502 OUAHIGOUYA                | 1334N    | 00225W    | 337       |           | 972.6        | 1010.3         | 26.3        |        | 26.7           |        | 13            | 220   |        | 4        | 195      | 75       |
| 65503 OUAGADOUGOU               | 1221N    | 00131W    | 316       |           | 976.8        | 1011.1         | 26.1        |        | 26.7           |        | 14            | 269   |        | 3        | 181      | 95       |
| 65505 DEDOUGOU                  | 1228N    | 00329W    | 300       |           | 977.2        | 1010.9         | 25.7        |        | 27.7           |        | 15            | 184   |        | 5        | 263      | 115      |
| 65507 FADA N'GOURMA             | 1202N    | 00022E    | 309       |           | 976.2        | 1010.9         | 25.6        |        | 28.3           |        | 13            | 212   |        | 4        | 171      | 90       |
| 65510 BOBO-DIOULASSO            | 1110N    | 00419W    | 460       |           | 959.9        | 1011.2         | 24.6        |        | 26.3           |        | 17            | 294   |        | 3        | 156      | 90       |
| <b>65516 BOROMO</b>             | 1145N    | 00256W    | 271       |           | 980.4        | 1010.9         | 25.9        |        | 27.7           |        | 17            | 285   |        | 4        | 177      | 95       |
| 65518 PO                        | 1109N    | 00109W    | 322       |           | 974.2        | 1010.3         | 25.3        |        | 27.9           |        | 15            | 250   |        | 4        | 147      | 65       |
| 65522 GAOUA                     | 1020N    | 00311W    | 335       |           | 978.7        | 1011.5         | 25.0        |        | 26.4           |        | 13            | 230   |        | 3        | 145      | 80       |
| <b>COTE D'IVOIRE</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65578 ABIDJAN                   | 0515N    | 00356W    | 8         |           | 1013.3       | 1014.0         | 24.3        | -.2    | 27.6           | .6     | 2             | 10    | -26    | 1        | 106      | 93       |
| <b>COMOROS</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67005 PAMANDZI (MAYOTTE)</b> | 1248S    | 04517E    | 7         |           | 1016.2       | 1017.0         | 24.7        |        | 22.4           |        | 2             | 4     |        | 0        | 273      |          |
| <b>MADAGASCAR</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67009 ANTSIRANANA</b>        | 1221S    | 04918E    | 114       |           | 1004.5       | 1016.5         | 23.8        | .4     | 18.0           | -1.0   |               | 10    | -8     |          |          |          |
| 67012 FASCENE (NOSSI-BE)        | 1319S    | 04819E    | 10        |           | 1015.1       | 1016.2         | 24.3        | 1.0    | 19.7           | -1.8   | 4             | 118   | 82     | 1        |          |          |

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| STATION                         | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                 |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 67023 SAMBAVA                   | 1417S    | 05010E    | 5         |           | 1017.9       | 1019.5         | 21.6        | .7     | 21.7           | .3     | 22            | 131   | -63    |          |          |          |
| 67027 MAHAJANGA                 | 1540S    | 04621E    | 26        |           | 1014.6       | 1016.7         | 25.1        | .5     | 18.3           | -1.5   | 0             | 0     | -2     | 3        | 284      | 94       |
| <b>67083 ANTANANARIVO/IVATO</b> | 1848S    | 04729E    | 1279      |           | 879.5        |                | 14.7        | .2     | 11.3           | -1.2   | 01            | 1     | -9     | 2        | 244      | 104      |
| <b>67095 TOAMASINA</b>          | 1807S    | 04924E    | 6         |           | 1020.5       | 1021.2         | 20.8        | .3     | 20.6           | -1     | 23            | 169   | -49    | 3        | 201      | 109      |
| 67107 ANTSIRABE                 | 1949S    | 04704E    | 1532      |           | 852.6        |                | 13.6        |        | 8.1            |        | 2             | 7     |        |          |          |          |
| 67137 FIANARANTSOA              | 2127S    | 04706E    | 1115      |           | 895.3        |                | 14.8        | .4     | 13.6           | .2     | 5             | 96    | 75     |          |          |          |
| <b>67143 MANANJARY</b>          | 2112S    | 04822E    | 6         |           | 1020.1       | 1020.8         | 20.3        | -.2    | 19.3           | -1.2   | 12            | 229   | 65     | 5        |          |          |
| <b>67197 TAOLAGNARO</b>         | 2502S    | 04657E    | 9         |           | 1020.6       | 1021.6         | 20.6        | .3     | 18.0           | -6     | 6             | 143   | 40     | 4        | 242      | 100      |
| <b>MOZAMBIQUE</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67215 PEMBA                     | 1259S    | 04032E    | 101       |           | 1007.6       | 1018.9         | 23.6        |        | 21.0           |        | 1             | 10    |        | 4        | 266      | 75       |
| 67217 LICHINGA                  | 1318S    | 03514E    | 1365      |           | 871.4        |                | 17.2        |        | 11.7           |        | 0             | 0     |        | 4        | 241      |          |
| 67237 NAMPULA                   | 1506S    | 03917E    | 441       |           |              | 1019.0         | 22.2        |        | 17.2           |        | 1             | 2     |        | 2        | 219      |          |
| 67283 QUELIMANE                 | 1753S    | 03653E    | 16        |           | 1017.0       | 1018.9         | 22.7        |        | 21.3           |        | 2             | 7     |        | 1        | 288      |          |
| 67297 BEIRA                     | 1948S    | 03454E    | 16        |           | 1017.0       | 1017.9         | 22.1        |        | 21.1           |        | 4             | 13    |        | 2        | 237      |          |
| 67323 INHAMBANE                 | 2352S    | 03523E    | 15        |           | 1018.3       | 1019.9         | 23.0        |        | 20.3           |        | 7             | 13    |        | 2        | 258      | 75       |
| 67341 MAPUTO/MAVALANE           | 2555S    | 03234E    | 44        |           | 1011.6       | 1019.0         |             |        |                |        | 3             | 8     |        | 2        |          |          |
| <b>NAMIBIA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>68014 GROOTFONTEIN</b>       | 1936S    | 01807E    | 1411      |           | 893.5        |                | 22.4        |        | 6.1            |        | 0             | 0     | -1     |          | 296      |          |
| <b>68110 WINDHOEK</b>           | 2234S    | 01706E    | 1728      |           | 830.8        |                | 16.5        |        | 3.6            |        | 0             | 0     |        |          | 311      |          |
| <b>SOUTH AFRICA</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>68174 PIETERSBURG</b>        | 2350S    | 02925E    | 1228      |           | 883.0        |                | 14.2        |        | 7.9            |        | 0             | 0     | -6     | 2        | 269      | 96       |
| 68242 MMABATHA                  | 2547S    | 02532E    | 1281      |           | 876.8        |                | 13.9        |        | 5.5            |        | 0             | 0     |        |          | 319      |          |
| 68262 PRETORIA                  | 2544S    | 02811E    | 1326      |           | 874.2        |                | 15.5        |        | 6.7            |        | 0             | 0     | -5     | 2        |          |          |
| <b>NAMIBIA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>68312 KEETMANSHOOP</b>       | 2632S    | 01807E    | 1100      |           | 898.7        |                | 14.0        |        | 4.7            |        | 0             | 0     |        |          |          |          |
| <b>SOUTH AFRICA</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>68424 UPINGTON</b>           | 2825S    | 02116E    | 851       |           | 923.8        |                | 12.7        |        | 5.6            |        | 0             | 0     | -4     | 3        | 315      | 103      |
| <b>68438 KIMBERLEY</b>          | 2848S    | 02446E    | 1204      |           | 885.3        |                | 10.9        |        | 4.6            |        | 0             | 0     | -7     | 2        | 305      | 102      |
| 68442 BLOEMFONTEIN AIRPORT      | 2906S    | 02618E    | 1359      |           |              |                | 10.2        |        | 4.6            |        | 0             | 0     | -14    | 1        | 295      | 104      |
| 68461 BETHLEHEM                 | 2815S    | 02820E    | 1690      |           | 835.8        |                | 9.7         |        | 5.4            |        | 1             | 9     |        | 4        | 287      | 100      |
| 68512 SPRINGBOK                 | 2940S    | 01754E    | 1007      |           | 905.2        |                | 10.8        |        | 7.5            |        | 9             | 64    |        | 5        | 232      |          |
| 68538 DE AAR                    | 3039S    | 02400E    | 1287      |           | 874.6        |                | 10.4        |        | 5.3            |        | 0             | 0     |        | 2        | 301      |          |
| 68592 KING SHAKA INT'L AIRPORT  | 2936S    | 03107E    | 109       |           |              |                | 17.8        |        | 13.6           |        | 2             | 20    |        |          | 260      |          |
| <b>68618 CALVINIA</b>           | 3128S    | 01946E    | 975       |           | 907.9        |                | 9.3         |        | 7.0            |        | 10            | 28    |        | 4        | 228      | 85       |
| 68816 CAPE TOWN INTNL. AIRPORT  | 3358S    | 01836E    | 46        |           |              |                | 12.8        |        | 9.7            |        | 14            | 167   | 90     | 5        | 192      | 91       |
| 68828 GEORGE AIRPORT            | 3401S    | 02223E    | 191       |           |              |                | 13.2        |        | 9.7            |        | 8             | 89    |        |          | 215      | 100      |
| 68842 PORT ELIZABETH            | 3359S    | 02537E    | 69        |           |              |                | 14.1        |        | 10.7           |        | 5             | 63    | -1     | 4        | 238      | 103      |
| <b>68858 EAST LONDON</b>        | 3302S    | 02750E    | 131       |           |              |                | 15.7        |        | 10.2           |        | 4             | 13    | -65    | 1        | 265      | 113      |

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| STATION                                   | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>68906 GOUGH ISLAND</b>                 | 4021S    | 00953W    | 54        |           | 1005.6       | 1012.1         | 9.2         |        | 8.7            |        | 27            | 364   | 60     | 4        | 88       | 101      |
| <b>68994 MARION ISLAND</b>                | 4653S    | 03752E    | 22        |           | 1005.8       | 1008.8         | 4.5         |        | 7.4            |        | 14            | 199   | 12     | 3        | 89       | 98       |
| <b>N AMERICA</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>USA (ALASKA)</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>70026 BARROW/W. POST W. ROGERS</b>     | 7117N    | 15647W    | 12        |           | 1011.1       | 1011.7         | 4.2         | .9     | 7.4            |        | 6             | 35    | 11     | 5        |          |          |
| <b>70133 KOTZEBUE, RALPH WIEN</b>         | 6653N    | 16236W    | 5         |           | 1006.7       | 1007.7         | 12.2        | 1.0    | 11.4           |        | 7             | 17    | -28    | 2        |          |          |
| <b>70200 NOME, AK</b>                     | 6430N    | 16526W    | 6         |           | 1006.2       | 1007.1         | 11.7        | 1.6    | 11.5           |        | 18            | 107   | 39     | 5        |          |          |
| <b>70219 BETHEL/BETHEL AIRPORT, AK</b>    | 6046N    | 16150W    | 44        |           | 1001.8       | 1007.5         | 12.5        | .9     | 12.3           |        | 16            | 84    | 11     | 4        |          |          |
| <b>70231 MCGRATH, AK</b>                  | 6257N    | 15530W    | 103       |           | 995.8        | 1008.5         | 13.7        | 1.3    | 12.0           |        | 14            | 66    | 4      | 4        |          |          |
| <b>70251 TALKEETNA</b>                    | 6218N    | 15000W    | 109       |           | 996.5        | 1009.9         | 14.0        | 1.2    | 12.6           |        | 18            | 127   | 13     | 4        |          |          |
| <b>70261 FAIRBANKS/INT., AK</b>           | 6448N    | 14750W    | 135       |           | 991.3        | 1008.2         | 15.2        | 1.4    | 11.0           |        | 5             | 52    | 3      | 5        |          |          |
| <b>70273 ANCHORAGE/INT., AK</b>           | 6109N    | 14950W    | 50        |           | 1004.5       | 1009.6         | 14.4        | .9     | 12.5           |        | 17            | 129   | 67     | 6        |          |          |
| <b>70308 ST. PAUL ISLANDS, AK</b>         | 5709N    | 17013W    | 10        |           | 1007.0       | 1008.2         | 9.4         | .7     | 11.1           |        | 14            | 94    | 25     | 5        |          |          |
| <b>70316 COLD BAY, AK</b>                 | 5512N    | 16240W    | 31        |           | 1005.0       | 1008.8         | 12.2        | 1.4    | 12.2           |        | 23            | 165   | 83     | 5        |          |          |
| <b>70326 KING SALMON, AK</b>              | 5840N    | 15630W    | 14        |           | 1005.0       | 1006.9         | 13.2        | 1.0    | 13.1           |        | 17            | 137   | 63     | 5        |          |          |
| <b>70341 HOMER/MUNICIPAL</b>              | 5938N    | 15130W    | 24        |           | 1006.7       | 1009.6         | 13.7        | 1.9    | 11.9           |        | 10            | 86    | 30     | 5        |          |          |
| <b>70361 YAKUTAT, AK</b>                  | 5931N    | 13940W    | 13        |           | 1011.3       | 1012.6         | 13.4        | 1.6    | 13.8           |        | 17            | 243   | -50    | 4        |          |          |
| <b>70398 ANNETTE ISLAND, AK</b>           | 5502N    | 13130W    | 35        |           | 1009.7       | 1014.0         | 15.6        | .8     | 15.0           |        | 13            | 120   | -36    | 3        |          |          |
| <b>USA</b>                                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>72201 KEY WEST/INT., FL</b>            | 2433N    | 08145W    | 5         |           | 1015.3       | 1016.1         | 28.6        | -.5    | 30.0           |        | 11            | 111   | -16    | 4        |          |          |
| <b>72202 MIAMI, FL</b>                    | 2545N    | 08023W    | 5         |           | 1015.4       | 1016.7         | 28.8        | .6     | 27.5           |        | 13            | 113   | -79    | 3        |          |          |
| <b>72203 WEST PALM BEACH/ INT. FL.</b>    | 2641N    | 08006W    | 7         |           | 1015.6       | 1016.4         | 29.6        | 1.5    | 27.1           |        | 8             | 104   | -48    | 3        |          |          |
| <b>72205 ORLANDO/JETPORT FL.</b>          | 2826N    | 08119W    | 32        |           | 1013.3       | 1017.0         | 28.6        | .5     | 27.3           |        | 11            | 154   | -18    | 3        |          |          |
| <b>72206 JACKSONVILLE/INTNL.,</b>         | 3029N    | 08142W    | 11        |           | 1015.8       | 1017.1         | 27.7        | .4     | 27.4           |        | 15            | 151   | -50    | 2        |          |          |
| <b>72207 SAVANNAH/MUNICIPAL,</b>          | 3208N    | 08112W    | 15        |           | 1015.6       | 1017.5         | 27.5        | .3     | 26.1           |        | 10            | 179   | -10    | 5        |          |          |
| <b>72208 CHARLESTON/MUN., SC.</b>         | 3253N    | 08001W    | 15        |           | 1015.8       | 1017.6         | 27.4        | .4     | 25.4           |        | 6             | 100   | -83    | 3        |          |          |
| <b>72211 TAMPA/INT., FL.</b>              | 2758N    | 08232W    | 8         |           | 1016.4       | 1016.9         | 28.8        | .8     | 27.4           |        | 19            | 303   | 110    | 5        |          |          |
| <b>72214 TALLAHASSEE/MUN.,</b>            | 3023N    | 08421W    | 19        |           | 1014.4       | 1016.9         | 28.1        | .7     | 25.3           |        | 13            | 219   | 28     | 5        |          |          |
| <b>72217 MACON/LEWIS B.WILSON, GA.</b>    | 3242N    | 08339W    | 110       |           | 1004.4       | 1017.3         | 25.8        | -1.1   | 25.4           |        | 12            | 259   | 167    | 6        |          |          |
| <b>72218 AUGUSTA/BUSH FIELD,</b>          | 3322N    | 08158W    | 45        |           | 1012.2       | 1017.5         | 25.7        | -.8    | 25.4           |        | 12            | 148   | 34     | 5        |          |          |
| <b>72219 ATLANTA/MUN., GA.</b>            | 3339N    | 08425W    | 315       |           | 981.5        | 1017.8         | 25.3        | -.3    | 23.9           |        | 8             | 133   | 40     | 5        |          |          |
| <b>72223 MOBILE/BATES FIELD,</b>          | 3041N    | 08815W    | 67        |           | 1008.7       | 1016.7         | 27.1        | -.6    | 25.7           |        | 10            | 253   | 77     | 5        |          |          |
| <b>72226 MONTGOMERY/DANNELLY,</b>         | 3218N    | 08624W    | 67        |           | 1009.8       | 1017.1         | 27.1        | .1     | 25.3           |        | 7             | 104   | 11     | 5        |          |          |
| <b>72231 NEW ORLEANS/MOISANT INT., LA</b> | 2959N    | 09015W    | 9         |           | 1015.3       | 1016.5         | 28.2        | .7     | 28.2           |        | 11            | 183   | 27     | 5        |          |          |
| <b>72234 MERIDIAN/KEY, MS.</b>            | 3220N    | 08845W    | 94        |           | 1005.8       | 1016.9         | 26.4        |        | 25.4           |        | 8             | 94    |        | 5        |          |          |
| <b>72235 JACKSON/ALLEN C. THOMPSON FI</b> | 3219N    | 09004W    | 91        |           | 1004.6       | 1016.4         | 27.5        | .3     | 24.9           |        | 11            | 75    | -20    | 3        |          |          |
| <b>72240 LAKE CHARLES/MUN.,</b>           | 3007N    | 09312W    | 5         |           | 1015.3       | 1016.5         | 28.9        | 1.2    | 25.7           |        | 8             | 94    | -41    | 2        |          |          |
| <b>72242 GALVESTON, TX.</b>               | 2918N    | 09448W    | 16        |           | 1016.1       |                | 29.3        | .7     |                |        | 7             | 98    | -15    | 4        |          |          |
| <b>72243 HOUSTON/INTERCONTINENTAL, TX</b> | 2958N    | 09521W    | 33        |           | 1011.5       | 1015.4         | 29.6        | 1.7    | 25.7           |        | 4             | 85    | -3     | 3        |          |          |
| <b>72244 HOUSTON, TX WM P HOBBY ARPT</b>  | 2938N    | 09516W    | 15        |           | 1013.4       | 1015.7         | 29.5        |        | 25.4           |        | 6             | 37    |        |          |          |          |

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| STATION                             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 72248 SHREVEPORT/REG., LA.          | 3227N    | 09350W    | 85        |           | 1006.1       | 1015.4         | 29.5        | 1.6    | 22.5           |        | 2             | 5     | -56    | 0        |          |          |
| 72250 BROWNSVILLE/INT., TX          | 2555N    | 09725W    | 8         |           | 1013.5       | 1014.3         | 30.0        | .8     | 27.1           |        | 5             | 38    | -32    | 4        |          |          |
| 72251 CORPUS CHRISTI/INT.,          | 2746N    | 09730W    | 15        |           | 1012.9       | 1014.6         | 30.4        | 1.4    | 26.4           |        | 5             | 31    | -53    | 3        |          |          |
| 72253 SAN ANTONIO/INT.,             | 2932N    | 09828W    | 247       |           | 986.3        | 1013.9         | 31.4        | 2.0    | 21.7           |        | 4             | 22    | -42    | 3        |          |          |
| 72254 AUSTIN/CTY, TX.               | 3018N    | 09742W    | 193       |           | 991.8        | 1014.3         | 31.2        | 1.9    | 20.5           |        | 2             | 7     | -45    | 2        |          |          |
| 72255 VICTORIA/VICTORIA REGIONAL,   | 2851N    | 09655W    | 36        |           | 1010.8       | 1015.1         | 30.0        | 1.1    | 25.3           |        | 5             | 47    | -29    | 2        |          |          |
| 72256 WACO, MADISON-COOPER,         | 3137N    | 09713W    | 157       |           | 996.7        | 1014.6         | 29.7        | -1     | 21.7           |        | 2             | 6     | -36    | 2        |          |          |
| 72258 DALLAS, TX DALLAS LOVE FIELD  | 3250N    | 09651W    | 156       |           | 997.3        | 1014.5         |             |        | 20.3           |        | 3             | 42    |        |          |          |          |
| 72259 DALLAS-FORT WORTH/FORT WORTH  | 3254N    | 09702W    | 182       |           | 993.3        | 1014.2         | 30.6        | 1.2    | 19.9           |        | 5             | 34    | -22    | 4        |          |          |
| 72263 SAN ANGELO/MATHIS,            | 3122N    | 10030W    | 584       |           | 948.9        | 1014.1         | 29.2        | 1.5    | 18.1           |        | 3             | 21    | -28    | 3        |          |          |
| 72265 MIDLAND/MIDLAND REG. AIR TER  | 3156N    | 10210W    | 875       |           | 916.9        | 1012.8         | 29.0        | 1.9    | 16.6           |        | 1             | 30    | -12    | 4        |          |          |
| 72266 ABILENE/MUN., TX.             | 3225N    | 09941W    | 546       |           | 952.8        | 1014.1         | 29.1        | .7     | 19.3           |        | 4             | 14    | -57    | 2        |          |          |
| 72267 LUBBOCK/LUBBOCK INTERNATIONAL | 3339N    | 10140W    | 996       |           | 905.2        | 1013.7         | 27.0        | 1.5    | 16.7           |        | 4             | 34    | -29    | 4        |          |          |
| 72270 EL PASO/INT., TX.             | 3148N    | 10620W    | 1206      |           | 882.5        | 1011.1         | 28.3        | 1.6    | 14.4           |        | 3             | 29    | -11    | 4        |          |          |
| 72272 DOUGLASS BISBEE, AZ INTL ARP  | 3128N    | 10936W    | 1251      |           | 877.4        | 1012.7         | 25.3        |        | 16.9           |        | 9             | 98    |        |          |          |          |
| 72274 TUCSON/INT., AZ.              | 3207N    | 11050W    | 788       |           | 925.3        | 1010.7         | 30.9        | 1.7    | 14.4           |        | 3             | 12    | -43    | 2        |          |          |
| 72278 PHOENIX/SKY HARBOR,           | 3326N    | 11200W    | 344       |           | 971.0        | 1008.9         | 34.8        | 1.7    | 15.4           |        | 1             | 9     | -15    | 3        |          |          |
| 72290 SAN DIEGO/LINDBERGH,          | 3244N    | 11710W    | 9         |           | 1012.5       | 1013.6         | 21.5        | -1.1   | 17.2           |        | 0             | 0     | -2     | 4        |          |          |
| 72295 LOS ANGELES /INT.,            | 3356N    | 11820W    | 38        |           | 1001.5       | 1013.2         | 20.3        | -1.1   | 17.1           |        | 0             | 0     | -3     | 4        |          |          |
| 72301 HICKORY, NC HICKORY RGNL ARP  | 3544N    | 08123W    | 357       |           | 976.1        | 1017.1         |             |        | 21.5           |        | 14            | 112   |        |          |          |          |
| 72304 CAPE HATTERAS, NC.            | 3516N    | 07533W    | 3         |           | 1017.1       | 1017.5         | 26.8        | 1.0    | 26.2           |        | 11            | 96    | -56    | 4        |          |          |
| 72306 RALEIGH/RALEIGH-DURHAM, NC.   | 3552N    | 07847W    | 134       |           | 1002.2       | 1017.7         | 24.5        | -6     | 22.6           |        | 9             | 124   | 22     | 5        |          |          |
| 72307 ELIZABETH CITY, NC CG AIR ST  | 3615N    | 07610W    | 12        |           | 1016.9       | 1017.5         | 24.5        |        | 24.6           |        | 12            | 159   |        |          |          |          |
| 72308 NORFOLK/INT., VA.             | 3654N    | 07612W    | 9         |           | 1016.2       | 1017.3         | 24.8        | -3     | 23.1           |        | 11            | 128   | 6      | 4        |          |          |
| 72310 COLUMBIA, SC.                 | 3357N    | 08107W    | 72        |           | 1009.4       | 1017.4         | 26.3        | -2     | 24.6           |        | 8             | 191   | 37     | 5        |          |          |
| 72312 GREENVILLE/GREENVILLE SPARTA  | 3454N    | 08213W    | 296       |           | 983.3        | 1017.5         | 24.5        | -6     | 22.9           |        | 14            | 186   | 86     | 5        |          |          |
| 72314 CHARLOTTE/DOUGLAS,            | 3513N    | 08056W    | 234       |           | 990.8        | 1018.0         | 24.6        | -1.1   | 23.2           |        | 6             | 46    | -48    | 3        |          |          |
| 72315 ASHEVILLE/MUN., NC.           | 3526N    | 08233W    | 661       |           | 943.5        | 1018.6         | 22.0        | -2     | 20.8           |        | 13            | 177   | 58     | 5        |          |          |
| 72316 ALMA, GA BACON COUNTY ARPT    | 3132N    | 08230W    | 44        |           | 1009.8       | 1017.2         | 27.6        |        | 26.3           |        | 12            | 240   |        |          |          |          |
| 72317 GREENSBORO/G.-HIGH PT., NC.   | 3605N    | 07957W    | 277       |           | 986.4        | 1017.6         | 23.7        | -6     | 21.4           |        | 10            | 143   | 45     | 5        |          |          |
| 72319 ANDERSON RGNL ARPT            | 3429N    | 08242W    | 240       |           | 990.5        | 1017.8         |             |        | 23.9           |        | 12            | 167   |        |          |          |          |
| 72323 HUNTSVILLE/MADISON CO., AL.   | 3439N    | 08646W    | 196       |           | 994.8        | 1017.6         | 25.0        | -7     | 24.9           |        | 7             | 46    | -42    | 2        |          |          |
| 72324 CHATTANOOGA/LOVELL FIELD, TN  | 3502N    | 08512W    | 210       |           | 993.5        | 1017.8         | 25.6        | .1     | 24.1           |        | 13            | 167   | 78     | 5        |          |          |
| 72325 CROSSVILLE, TN                | 3557N    | 08505W    | 571       |           | 953.3        | 1018.4         | 22.3        |        | 21.5           |        | 9             | 85    |        |          |          |          |
| 72326 KNOXVILLE/MUN., TN.           | 3549N    | 08359W    | 299       |           | 982.9        | 1017.4         | 24.6        | .2     | 22.7           |        | 12            | 81    | 2      | 5        |          |          |
| 72327 NASHVILLE/METROPOLITAN, TN.   | 3607N    | 08641W    | 180       |           | 996.0        | 1017.5         | 25.5        | -1     | 22.6           |        | 10            | 51    | -36    | 3        |          |          |
| 72328 CLARKSVILLE, TN               | 3637N    | 08724W    | 171       |           | 997.6        | 1017.3         | 24.2        |        | 23.8           |        | 7             | 82    |        |          |          |          |
| 72329 CAPE GIRARDEAU, MO            | 3713N    | 08934W    | 103       |           | 1004.4       | 1017.2         | 23.9        |        | 23.9           |        | 5             | 90    |        |          |          |          |
| 72335 BRISTOL-JOHNSON-KINGSPORT, T  | 3628N    | 08223W    | 469       |           | 964.8        | 1017.3         | 22.8        |        | 20.1           |        | 11            | 119   |        |          |          |          |
| 72340 LITTLE ROCK/ADAMS FLD,        | 3450N    | 09216W    | 173       |           |              |                | 26.9        |        |                |        | 6             | 96    |        | 5        |          |          |
| 72344 FORT SMITH/MUN., AR.          | 3520N    | 09422W    | 143       |           | 999.4        | 1015.9         | 27.9        | .9     | 24.9           |        | 5             | 98    | 24     | 5        |          |          |
| 72345 HARRISON, AR BOONE COUNTY AP  | 3615N    | 09309W    | 421       |           | 968.7        | 1017.3         | 23.9        |        | 22.8           |        | 8             | 189   |        |          |          |          |
| 72351 WICHITA FALLS/SHEPS AFB/WICH  | 3358N    | 09829W    | 314       |           | 978.1        | 1014.0         | 29.2        | .5     | 19.6           |        | 4             | 38    | -25    | 4        |          |          |
| 72353 OKLAHOMA CITY/W. ROGERS WORL  | 3523N    | 09736W    | 398       |           | 969.5        | 1015.0         | 27.5        | .2     | 23.3           |        | 6             | 89    | 23     | 5        |          |          |
| 72360 CLAYTON/MUN., NM.             | 3627N    | 10300W    | 1515      |           | 851.0        | 1014.4         | 23.9        | 1.6    | 14.0           |        | 5             | 71    | 5      | 4        |          |          |
| 72365 ALBUQUERQUE/INT., NM.         | 3502N    | 10630W    | 1619      |           | 841.3        | 1014.3         | 25.3        | .9     | 13.0           |        | 6             | 11    | -30    | 2        |          |          |



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| STATION                                   | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 72366 CHILDRESS, TX CHILDRESS MUNI        | 3426N    | 10017W    | 595       |           | 947.2        | 1014.2         | 28.0        |        | 18.6           |        | 4             | 78    |        |          |          |          |
| <b>72386 LAS VEGAS/MCCARRAN,</b>          | 3605N    | 11510W    | 664       |           | 934.6        | 1008.9         | 31.8        | .3     | 10.8           |        | 3             | 7     | -5     | 4        |          |          |
| <b>72389 FRESNO/AIR TERM.,</b>            | 3646N    | 11940W    | 101       |           | 999.8        | 1011.5         | 28.3        | 1.5    | 13.4           |        | 0             | 0     | -1     | 4        |          |          |
| 72398 SALISBURY, MD                       | 3820N    | 07530W    | 20        |           | 1015.1       | 1017.5         | 24.1        |        | 21.7           |        | 6             | 185   |        |          |          |          |
| 72399 HARRISBURG, PA                      | 4011N    | 07645W    | 96        |           | 1005.4       | 1016.9         | 22.2        |        | 19.5           |        | 8             | 79    |        |          |          |          |
| 72401 RICHMOND/BYRD, VA.                  | 3730N    | 07720W    | 54        |           | 1011.5       | 1017.8         | 24.4        | -.5    | 22.1           |        | 8             | 194   | 83     | 5        |          |          |
| <b>72405 WASHINGTON/NAT., VA.</b>         | 3851N    | 07702W    | 20        |           | 1015.0       | 1017.4         | 25.0        | -.8    | 19.6           |        | 6             | 34    | -65    | 2        |          |          |
| 72406 BALTIMORE/BALTIMORE-WASHINGT        | 3911N    | 07640W    | 48        |           | 1011.3       | 1016.9         | 23.5        | -.7    | 18.3           |        | 5             | 29    | -70    | 2        |          |          |
| 72407 ATLANTIC CITY, NJ.                  | 3927N    | 07434W    | 21        |           | 1014.8       | 1017.3         | 22.2        | -.8    | 20.3           |        | 6             | 75    | -30    | 3        |          |          |
| 72408 PHILADELPHIA/INT.,                  | 3953N    | 07515W    | 9         |           | 1016.0       | 1017.1         | 23.7        | -.5    | 18.7           |        | 6             | 150   | 54     | 5        |          |          |
| 72411 ROANOKE/MUN., VA.                   | 3719N    | 07958W    | 358       |           | 977.0        | 1018.5         | 23.1        | -.6    | 19.8           |        | 11            | 65    | -40    | 3        |          |          |
| 72412 BECKLEY (RALEIGH CTY. MEMORI        | 3747N    | 08107W    | 766       |           | 931.6        | 1018.1         | 20.5        | .1     | 19.1           |        | 11            | 131   | 46     | 5        |          |          |
| 72414 CHARLESTON/KANAWHA.,                | 3822N    | 08136W    | 299       |           | 982.8        | 1017.5         | 22.8        | -.5    | 21.5           |        | 10            | 105   | 4      | 4        |          |          |
| 72418 WILMINGTON, DE NEW CASTLE AP        | 3940N    | 07536W    | 23        |           | 1014.2       | 1017.3         | 22.9        |        | 20.5           |        | 7             | 133   |        |          |          |          |
| 72419 JACKSON, KY JULIAN CARROL AP        | 3735N    | 08318W    | 414       |           | 970.0        | 1017.9         | 22.3        |        | 22.1           |        | 12            | 255   |        |          |          |          |
| 72420 MANSFIELD, OH                       | 4049N    | 08231W    | 396       |           | 971.2        | 1017.9         | 20.5        |        | 18.4           |        | 9             | 48    |        |          |          |          |
| 72421 CINCINNATI/GREATER CINCINNAT        | 3903N    | 08440W    | 271       |           | 986.1        | 1017.3         | 23.4        | .3     | 20.7           |        | 5             | 94    | 9      | 5        |          |          |
| <b>72422 LEXINGTON/BLUE GRASS, KY.</b>    | 3802N    | 08436W    | 301       |           | 982.6        | 1017.6         | 23.8        |        | 22.3           |        | 6             | 131   |        |          |          |          |
| 72423 LOUISVILLE/STANDIFORD, KY.          | 3811N    | 08544W    | 151       |           | 999.8        | 1017.1         | 25.4        | 1.1    | 21.3           |        | 6             | 82    | -7     | 4        |          |          |
| 72425 HUNTINGTON, WV.                     | 3822N    | 08233W    | 255       |           | 987.6        | 1017.4         | 23.0        | -.1    | 21.4           |        | 10            | 132   | 35     | 4        |          |          |
| 72427 OAK RIDGE, TN                       | 3601N    | 08413W    | 279       |           | 986.0        | 1017.7         |             |        | 22.6           |        | 9             | 117   |        |          |          |          |
| 72428 COLUMBUS/PORT COLUMBUS, OH.         | 4000N    | 08253W    | 254       |           | 988.2        | 1017.3         | 23.2        | 1.3    | 19.0           |        | 6             | 72    | -22    | 3        |          |          |
| 72429 DAYTON/ COX, OH.                    | 3952N    | 08407W    | 307       |           | 982.2        | 1018.0         | 22.7        | .4     | 19.3           |        | 5             | 35    | -46    | 3        |          |          |
| <b>72432 EVANSVILLE/REG., IN.</b>         | 3803N    | 08732W    | 127       |           | 1003.4       | 1017.4         | 24.9        | .4     | 22.4           |        | 4             | 42    | -37    | 3        |          |          |
| 72434 ST. LOUIS/LAMBERT,                  | 3845N    | 09022W    | 174       |           | 992.0        | 1016.8         | 25.9        | .6     | 19.7           |        | 4             | 30    | -42    | 3        |          |          |
| 72438 INDIANAPOLIS/I.-MUN/WEIR COO        | 3944N    | 08616W    | 246       |           | 988.3        | 1017.2         | 23.8        | .9     | 18.4           |        | 3             | 29    | -63    | 2        |          |          |
| 72439 SPRINGFIELD/CAPITAL,                | 3951N    | 08940W    | 187       |           | 995.3        | 1017.5         | 22.9        | -.3    | 21.7           |        | 2             | 9     | -74    | 1        |          |          |
| 72442 ROLLA-VICHY, MO, ROLLA NAT A        | 3807N    | 09146W    | 344       |           | 976.8        | 1017.1         | 23.0        |        | 21.7           |        | 8             | 109   |        |          |          |          |
| 72443 QUINCY, IL                          | 3956N    | 09111W    | 237       |           | 989.7        | 1017.0         | 23.4        |        | 19.5           |        | 01            | 1     |        |          |          |          |
| <b>72445 COLUMBIA/REGIONAL,</b>           | 3849N    | 09213W    | 274       |           | 985.3        | 1017.3         | 24.4        | .4     | 20.6           |        | 3             | 48    | -35    | 4        |          |          |
| <b>72451 DODGE CITY/MUN., KS.</b>         | 3745N    | 09958W    | 790       |           | 925.9        | 1014.8         | 24.8        | -.9    | 19.9           |        | 10            | 176   | 107    | 5        |          |          |
| 72453 PONCA CITY, OK                      | 3643N    | 09705W    | 309       |           | 980.0        | 1015.1         |             |        | 23.1           |        | 8             | 63    |        |          |          |          |
| <b>72458 CONCORDIA/BLOSSER MUN., KS.</b>  | 3933N    | 09739W    | 453       |           | 963.4        | 1015.5         | 24.1        | -.9    | 22.9           |        | 5             | 167   | 78     | 5        |          |          |
| <b>72476 GRAND JUNCTION/WALKER FIELD,</b> | 3907N    | 10830W    | 1474      |           | 854.4        | 1014.0         | 23.7        | -1.0   | 11.8           |        | 5             | 30    | 10     | 5        |          |          |
| 72477 EUREKA, NV RAMOS                    | 3936N    | 11600W    | 1811      |           | 820.0        | 1011.9         | 21.3        |        | 6.2            |        | 2             | 4     |        |          |          |          |
| <b>72483 SACRAMENTO/EXECUTIVE CA.</b>     | 3831N    | 12130W    | 8         |           | 1011.2       | 1012.2         | 23.7        | -.2    | 14.5           |        | 0             | 0     | -1     | 4        |          |          |
| <b>72486 ELY/YELLAND, NV.</b>             | 3917N    | 11450W    | 1909      |           | 811.5        | 1012.2         | 19.9        | 1.3    | 6.9            |        | 5             | 20    | -1     | 5        |          |          |
| 72488 RENO/INT., NV.                      | 3930N    | 11940W    | 1344      |           | 866.4        | 1012.7         | 23.5        | 2.6    | 6.7            |        | 2             | 28    | 20     | 5        |          |          |
| 72494 SAN FRANCISCO/INT.,                 | 3737N    | 12220W    | 6         |           | 1013.8       | 1014.6         | 18.0        | .4     | 14.8           |        | 0             | 0     | -1     | 4        |          |          |
| 72495 CONCORD, CA                         | 3759N    | 12203W    | 12        |           | 1011.2       | 1012.1         | 21.7        |        | 14.2           |        | 0             | 0     |        |          |          |          |
| 72503 NEW YORK/LA GUARDIA,                | 4046N    | 07354W    | 9         |           | 1015.1       | 1016.3         | 24.3        | .2     | 16.8           |        | 7             | 50    | -45    | 3        |          |          |
| 72505 ISLIP, NY, LONG IS ARTHUR AP        | 4047N    | 07306W    | 44        |           | 1012.0       | 1016.0         | 22.3        | 1.1    | 18.8           |        | 8             | 69    | -13    | 3        |          |          |
| 72506 NEW YORK, NY CENTRAL PARK           | 4046N    | 07358W    | 48        |           | 1011.7       | 1016.5         | 23.5        |        | 17.5           |        | 8             | 72    |        |          |          |          |
| 72507 PROVIDENCE/GREEN STATE, RI.         | 4144N    | 07126W    | 19        |           | 1014.1       | 1016.2         | 21.6        | -.2    | 16.9           |        | 6             | 98    | 6      | 4        |          |          |
| 72508 HARTFORD/BRADLEY INTNL., CT.        | 4156N    | 07241W    | 55        |           | 1009.3       | 1015.8         | 21.5        | -.5    | 17.3           |        | 10            | 175   | 83     | 5        |          |          |
| 72509 BOSTON/LOGAN INT.,                  | 4222N    | 07102W    | 9         |           | 1014.5       | 1015.6         | 22.3        | .1     | 16.6           |        | 3             | 47    | -35    | 3        |          |          |

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| STATION                                   | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 72510 WORCESTER, MA WORCESTER RGNL        | 4216N    | 07152W    | 306       |           | 980.0        | 1016.6         | 19.9        |        | 15.9           |        | 6             | 81    |        |          |          |          |
| 72513 WILKES-BARRE-SCRANTON, PA.          | 4120N    | 07544W    | 292       |           | 982.6        | 1016.8         | 21.1        | .0     | 16.0           |        | 9             | 36    | -48    | 1        |          |          |
| 72515 BINGHAMTON/BROOME CO., NY.          | 4213N    | 07559W    | 497       |           | 959.0        | 1017.2         | 19.0        | -.6    | 16.4           |        | 9             | 137   | 52     | 5        |          |          |
| 72517 ALLENTOWN/A.-BETHLEHEM-EASTO        | 4039N    | 07526W    | 118       |           | 1003.0       | 1016.9         | 21.4        | -.9    | 19.2           |        | 10            | 261   | 153    | 5        |          |          |
| <b>72519 SYRACUSE/HANCOCK,</b>            | 4307N    | 07607W    | 128       |           | 1000.9       | 1015.7         | 21.1        | .9     | 17.8           |        | 9             | 66    | -23    | 3        |          |          |
| <b>72520 PITTSBURGH/GREATER PITTSBURG</b> | 4030N    | 08013W    | 373       |           | 974.5        | 1018.1         | 21.5        | .1     | 17.1           |        | 8             | 45    | -36    | 2        |          |          |
| 72521 AKRON/AKRON-CANTON REG. OH.         | 4055N    | 08126W    | 377       |           | 973.5        | 1017.5         | 21.4        | .1     | 17.7           |        | 6             | 46    | -38    | 3        |          |          |
| 72522 GLENN FALLS, NY                     | 4320N    | 07336W    | 104       |           | 1003.6       | 1015.8         | 19.0        |        | 17.7           |        | 7             | 74    |        |          |          |          |
| 72525 YOUNGSTOWN, OH.                     | 4116N    | 08040W    | 365       |           | 975.1        | 1017.6         | 20.0        | -.4    | 17.7           |        | 8             | 67    | -17    | 4        |          |          |
| 72528 BUFFALO/GREATER BUFFALO INT.        | 4256N    | 07843W    | 219       |           | 991.1        | 1016.5         | 20.6        | .0     | 17.0           |        | 10            | 89    | -16    | 4        |          |          |
| 72529 ROCHESTER/ROCHESTER-MONROE C        | 4307N    | 07740W    | 171       |           | 996.3        | 1016.7         | 20.7        | .7     | 17.8           |        | 10            | 69    | -17    | 4        |          |          |
| 72530 CHICAGO/O'HARE, IL.                 | 4159N    | 08754W    | 205       |           | 992.5        | 1016.9         | 22.8        | .7     | 18.0           |        | 7             | 43    | -64    | 3        |          |          |
| <b>72532 PEORIA/GREATER PEORIA MUN.,</b>  | 4040N    | 08941W    | 202       |           | 993.4        | 1017.4         | 23.8        | 1.0    | 19.6           |        | 2             | 8     | -70    | 1        |          |          |
| 72533 FORT WAYNE/MUN.,                    | 4100N    | 08512W    | 252       |           | 988.0        | 1017.8         | 21.5        | -.5    | 19.7           |        | 5             | 129   | 44     | 5        |          |          |
| 72535 SOUTH BEND/ST.JOSEPH CO., IN        | 4142N    | 08619W    | 241       |           | 989.9        | 1017.7         | 21.4        | -.2    | 17.6           |        | 6             | 77    | -16    | 4        |          |          |
| 72536 TOLEDO/EXPRESS, OH.                 | 4136N    | 08348W    | 211       |           | 992.3        | 1017.3         | 21.2        | .1     | 17.7           |        | 5             | 51    | -31    | 2        |          |          |
| 72537 DETROIT/METROPOLITAN, MI.           | 4214N    | 08320W    | 202       |           | 993.4        | 1017.4         | 22.2        | .8     | 17.5           |        | 5             | 152   | 65     | 5        |          |          |
| 72542 BURLINGTON, IA                      | 4046N    | 09107W    | 212       |           | 991.9        | 1017.1         | 22.8        |        | 20.8           |        | 0             | 0     |        |          |          |          |
| 72543 ROCKFORD/GREATER ROCKFORD, I        | 4212N    | 08906W    | 226       |           | 990.9        | 1017.7         | 21.9        | .3     | 18.7           |        | 4             | 74    | -31    | 3        |          |          |
| 72544 MOLINE/QUAD CITY,                   | 4127N    | 09031W    | 181       |           | 995.5        | 1017.1         | 22.8        | .2     | 19.6           |        | 2             | 19    | -88    | 2        |          |          |
| <b>72546 DES MOINES/MUN., IA.</b>         | 4132N    | 09339W    | 294       |           | 981.9        | 1016.3         | 25.2        | 1.9    | 19.4           |        | 3             | 25    | -81    | 2        |          |          |
| 72550 EPPLEY FIELD, OMAHA,                | 4118N    | 09554W    | 300       |           | 982.2        | 1016.1         | 24.4        | 1.0    | 19.6           |        | 3             | 44    | -38    | 2        |          |          |
| 72551 LINCOLN/MUN., NE.                   | 4051N    | 09645W    | 365       |           | 973.9        | 1016.0         | 23.3        | -.6    | 20.6           |        | 3             | 28    | -58    | 1        |          |          |
| <b>72556 NORFOLK/KARL STEFAN,</b>         | 4159N    | 09726W    | 479       |           | 960.8        | 1015.7         | 23.2        | .6     | 21.8           |        | 7             | 91    | 27     | 5        |          |          |
| 72557 SIOUX CITY/MUN., IA.                | 4224N    | 09623W    | 336       |           | 976.4        | 1015.9         | 22.9        | .2     | 22.8           |        | 10            | 78    | 3      | 4        |          |          |
| <b>72562 NORTH PLATTE/LEE BIRD, NE.</b>   | 4107N    | 10040W    | 849       |           | 918.7        | 1014.6         | 23.8        | 1.7    | 19.5           |        | 4             | 89    | 45     | 5        |          |          |
| 72564 CHEYENNE, WY.                       | 4109N    | 10440W    | 1876      |           | 815.8        | 1014.5         | 21.1        |        | 10.1           |        | 5             | 31    |        | 4        |          |          |
| 72569 CASPER/NATRONA COUNTY, INTNL        | 4255N    | 10620W    | 1630      |           | 839.8        | 1013.4         | 22.1        | 1.7    | 10.1           |        | 2             | 18    | 1      | 5        |          |          |
| 72572 SALT LAKE CITY/INTNL UT.            | 4047N    | 11150W    | 1288      |           | 871.4        | 1011.2         | 28.2        | 4.0    | 8.7            |        | 1             | 4     | -17    | 2        |          |          |
| <b>72576 LANDER/HUNT, WY.</b>             | 4249N    | 10840W    | 1703      |           | 831.3        | 1012.9         | 22.9        | 2.4    | 8.9            |        | 0             | 0     | -13    | 1        |          |          |
| <b>72578 POCATELLO/MUN., ID.</b>          | 4255N    | 11230W    | 1365      |           | 863.8        | 1012.9         | 22.4        | 2.0    | 8.2            |        | 1             | 6     | -11    | 3        | 313      | 90       |
| <b>72583 WINNEMUCCA/MUN., NV.</b>         | 4054N    | 11740W    | 1322      |           | 868.3        | 1012.5         | 21.4        | .5     | 6.5            |        | 1             | 4     | -7     | 4        |          |          |
| 72585 HAYWARD, CA HAYWARD EXEC ARP        | 3739N    | 12207W    |           |           | 1012.7       | 1015.4         | 18.0        |        | 15.9           |        | 0             | 0     |        |          |          |          |
| 72593 SALINAS, CA SALINAS MUNI ARP        | 3639N    | 12136W    | 24        |           | 1011.9       | 1015.7         | 18.0        |        | 15.3           |        | 0             | 1     |        |          |          |          |
| <b>72594 EUREKA, CA.</b>                  | 4048N    | 12410W    | 18        |           |              |                | 15.4        | 1.0    |                |        |               | 2     | -10    | 4        |          |          |
| 72597 MEDFORD/MEDFORD-JACKSON COUN        | 4223N    | 12250W    | 398       |           | 966.7        | 1013.7         | 23.5        |        | 13.3           |        | 2             | 11    |        | 5        |          |          |
| 72605 CONCORD/MUN., NH.                   | 4312N    | 07130W    | 105       |           | 1002.9       | 1015.6         | 19.4        |        | 16.0           |        | 6             | 52    |        | 2        |          |          |
| 72606 PORTLAND/INTNL. JET PORT, ME        | 4339N    | 07019W    | 23        |           | 1012.7       | 1015.1         | 19.8        | .2     | 16.5           |        | 6             | 44    | -28    | 3        |          |          |
| 72607 BANGOR, ME BANGOR INTL ARPT         | 4448N    | 06849W    | 60        |           | 1007.5       | 1014.4         | 19.1        |        | 16.0           |        | 6             | 119   |        |          |          |          |
| <b>72613 MOUNT WASHINGTON,</b>            | 4416N    | 07118W    | 1910      |           |              |                | 8.2         | .0     |                |        |               | 213   | 4      | 3        |          |          |
| <b>72617 BURLINGTON/INT., VT.</b>         | 4428N    | 07309W    | 104       |           | 1002.7       | 1015.1         | 20.8        | .9     | 16.3           |        | 9             | 78    | -25    | 3        |          |          |
| 72635 GRAND RAPIDS/KENT CO., MI.          | 4253N    | 08531W    | 245       |           | 988.6        | 1017.6         | 21.2        | .4     | 17.0           |        | 5             | 48    | -42    | 2        | 309      | 117      |
| 72636 MUSKEGON/COUNTY, MI.                | 4310N    | 08615W    | 193       |           | 994.3        | 1017.4         | 20.8        | .5     | 17.6           |        | 5             | 49    | -37    | 3        |          |          |
| 72637 FLINT/BISHOP, MI.                   | 4258N    | 08345W    | 238       |           | 989.6        | 1017.2         | 20.9        | .6     | 16.8           |        | 5             | 66    | -22    | 4        |          |          |
| 72640 MILWAUKEE/GEN. MITCHELL, WI.        | 4257N    | 08754W    | 220       |           | 992.0        | 1017.1         | 21.6        | .9     | 18.8           |        | 3             | 83    | -6     | 5        |          |          |
| 72641 MADISON/DANE COUNTY REGIONAL        | 4308N    | 08920W    | 264       |           | 985.6        | 1016.9         | 21.4        | 1.2    | 18.4           |        | 4             | 39    | -63    | 2        |          |          |

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|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 72644 ROCHESTER/MUN., MN.                 | 4355N    | 09230W    | 402       |           | 969.7        | 1017.1         | 21.0        | .9     | 19.1           |        | 4             | 46    | -52    | 1        |          |          |
| 72645 GREEN BAY/A.-STRAUBEL, WI.          | 4429N    | 08806W    | 209       |           | 991.2        | 1016.8         | 20.4        | .9     | 18.3           |        | 5             | 78    | -10    | 4        |          |          |
| 72651 SIOUX FALLS/FOSS FIELD, SD.         | 4335N    | 09644W    | 435       |           | 965.0        | 1015.8         | 22.0        | .1     | 21.4           |        | 6             | 82    | 10     | 5        |          |          |
| <b>72654 HURON/HURON REGIONAL SD.</b>     | 4423N    | 09813W    | 393       |           | 968.8        | 1014.6         | 22.9        | .8     | 20.5           |        | 5             | 31    | -19    | 3        |          |          |
| 72656 PIERRE, SD, PIERRE RGNL ARPT        | 4422N    | 10017W    | 527       |           | 953.1        | 1013.6         | 22.9        |        | 18.8           |        | 6             | 64    |        |          |          |          |
| <b>72658 MINNEAPOLIS/ST.PAUL INT., MN</b> | 4453N    | 09313W    | 256       |           | 985.6        | 1015.9         | 23.7        | 2.3    | 17.6           |        | 3             | 53    | -38    | 3        |          |          |
| 72659 ABERDEEN/REG., SD.                  | 4527N    | 09824W    | 398       |           | 968.7        | 1015.1         | 21.1        | -.3    | 17.8           |        | 2             | 9     | -45    | 1        |          |          |
| 72662 RAPID CITY/REGIONAL AIRPORT,        | 4440N    | 10310W    | 1030      |           | 905.8        | 1014.5         | 22.6        | 1.2    | 16.7           |        | 6             | 61    | 19     | 5        |          |          |
| <b>72666 SHERIDAN/COUNTY, WY.</b>         | 4446N    | 10650W    | 1226      |           | 879.6        | 1013.7         | 22.4        | 2.2    | 11.0           |        | 01            | 1     | -19    | 2        |          |          |
| 72669 RAWLINGS, WY                        | 4148N    | 10712W    | 2065      |           | 798.3        | 1014.5         | 20.2        |        | 7.3            |        | 4             | 14    |        |          |          |          |
| 72677 BILLINGS/LOGAN INT.,                | 4548N    | 10830W    | 1099      |           | 892.3        | 1013.5         | 23.8        | 2.3    | 12.2           |        | 1             | 5     | -20    | 2        |          |          |
| <b>72681 BOISE/MUN., ID.</b>              | 4334N    | 11610W    | 872       |           | 913.0        | 1010.7         | 25.7        | 3.2    | 10.0           |        | 1             | 12    | 2      | 5        |          |          |
| <b>72688 PENDLETON, OR.</b>               | 4541N    | 11850W    | 456       |           | 959.4        | 1012.2         | 22.7        | .5     | 11.4           |        | 2             | 8     | -5     | 4        |          |          |
| 72692 ROBERT FIELD ARPT                   | 4415N    | 12109W    | 936       |           | 908.2        | 1014.4         | 19.6        |        | 9.7            |        | 4             | 29    |        |          |          |          |
| 72698 PORTLAND/INT., OR.                  | 4536N    | 12230W    | 12        |           | 1011.3       | 1015.3         | 21.8        | 1.5    | 15.7           |        | 5             | 20    | -7     | 4        |          |          |
| <b>72712 CARIBOU/MUN., ME.</b>            | 4652N    | 06800W    | 191       |           | 990.4        | 1013.4         | 17.2        | .1     | 15.9           |        | 15            | 144   | 41     | 5        |          |          |
| <b>72743 MARQUETTE, MI.</b>               | 4632N    | 08733W    | 434       |           |              |                | 18.0        | 1.1    |                |        | 11            | 59    | -27    | 4        |          |          |
| 72745 DULUTH/INT., MN.                    | 4650N    | 09211W    | 436       |           | 965.0        | 1016.1         | 20.5        | 2.9    | 15.6           |        | 6             | 50    | -51    | 2        |          |          |
| 72747 INT.FALLS/FALLS INT. MN.            | 4833N    | 09323W    | 362       |           | 972.5        | 1015.4         | 17.3        | -.3    | 16.2           |        | 8             | 95    | 16     | 5        |          |          |
| 72753 FARGO/HECTOR FIELD,                 | 4654N    | 09648W    | 274       |           | 982.4        | 1015.1         | 21.6        | 1.2    | 17.0           |        | 3             | 10    | -51    | 2        |          |          |
| 72757 GRAND FORKS, ND                     | 4756N    | 09710W    | 257       |           | 983.6        | 1013.7         | 19.7        |        | 16.0           |        | 4             | 22    |        |          |          |          |
| 72763 DICKINSON, ND                       | 4647N    | 10248W    | 791       |           | 924.7        | 1014.6         | 20.7        |        | 15.2           |        | 4             | 42    |        |          |          |          |
| <b>72764 BISMARCK/MUN., ND.</b>           | 4646N    | 10040W    | 505       |           | 956.3        | 1015.3         | 21.7        | 1.5    | 15.9           |        | 7             | 35    | -8     | 4        |          |          |
| 72767 WILLISTON/SLOULIN FIELD INT.        | 4811N    | 10330W    | 592       |           | 947.5        | 1015.0         | 20.8        | .4     | 15.6           |        | 10            | 55    | 24     | 5        |          |          |
| <b>72768 GLASGOW/INT., MT.</b>            | 4812N    | 10630W    | 693       |           | 933.4        | 1014.0         | 22.5        | 1.7    | 13.4           |        | 2             | 5     | -29    | 2        |          |          |
| 72769 CUT BANK, MT CUT BANK MUNI A        | 4836N    | 11222W    | 1175      |           | 883.7        | 1014.3         | 19.3        |        | 10.6           |        | 4             | 39    |        |          |          |          |
| 72770 DILLON, MT DILLON ARPT              | 4515N    | 11233W    | 1591      |           | 841.2        | 1014.2         | 19.5        |        | 8.9            |        | 5             | 39    |        |          |          |          |
| <b>72772 HELENA/COUNTY-CITY,</b>          | 4636N    | 11200W    | 1188      |           | 882.7        | 1015.3         | 21.7        | 2.0    | 10.8           |        | 6             | 44    | 12     | 5        |          |          |
| 72773 MISSOULA / JOHNSON-BELL FIEL        | 4655N    | 11400W    | 976       |           | 904.8        | 1014.7         | 21.4        | 2.6    | 10.7           |        | 2             | 11    | -19    | 3        |          |          |
| 72774 BUTTE, MT MT BERT MOONEY ARP        | 4557N    | 11230W    | 1688      |           | 832.5        | 1015.6         | 17.5        |        | 8.1            |        | 6             | 41    |        |          |          |          |
| 72781 YAKIMA/YAKIMA AIR TERMINAL,         | 4634N    | 12030W    | 332       |           | 974.9        | 1012.8         | 23.0        | 2.4    | 12.5           |        | 2             | 5     | -5     | 4        |          |          |
| 72785 SPOKANE/INT., WA.                   | 4738N    | 11730W    | 721       |           | 931.0        | 1013.3         | 22.3        | 2.1    | 11.6           |        | 3             | 17    | -1     | 4        |          |          |
| 72787 DEER PARK, WA DEER PARK ARPT        | 4758N    | 11725W    | 670       |           | 936.5        | 1013.8         |             |        | 12.9           |        | 5             | 54    |        |          |          |          |
| 72790 EPHRATA, WA EPHRATA MUNI ARP        | 4718N    | 11930W    | 384       |           | 967.5        | 1012.0         |             |        | 11.5           |        | 3             | 16    |        |          |          |          |
| <b>72792 OLYMPIA, WA.</b>                 | 4658N    | 12250W    | 62        |           | 1008.4       | 1015.9         | 18.8        | 1.4    | 15.2           |        | 7             | 47    | 15     | 5        |          |          |
| 72793 SEATTLE/S.-TACOMA,                  | 4727N    | 12210W    | 137       |           | 1000.2       | 1016.6         | 20.8        | 2.2    | 15.0           |        | 7             | 34    | 5      | 5        |          |          |
| 72797 QUILLAYUTE, WA.                     | 4757N    | 12430W    | 56        |           | 1008.5       | 1016.2         | 17.3        |        | 15.4           |        | 10            | 77    |        | 5        |          |          |
| <b>74492 BLUE HILL OBS. MA.</b>           | 4213N    | 07107W    | 195       |           |              |                | 20.9        | .0     |                |        |               | 70    | -29    | 3        |          |          |
| 74641 GAGE, OK GAGE ARPT                  | 3617N    | 09946W    | 669       |           | 938.7        | 1014.4         |             |        | 20.0           |        | 4             | 55    |        |          |          |          |
| 74736 DALHART, TX DALHART MUNI ARP        | 3601N    | 10232W    | 1217      |           | 881.1        | 1014.0         | 25.1        |        | 15.9           |        | 4             | 40    |        |          |          |          |
| 74739 FORT WORTH MEACHAM INTL ARPT        | 3249N    | 09721W    | 215       |           | 989.3        | 1014.2         |             |        | 21.8           |        | 2             | 22    |        |          |          |          |
| 74745 AUSTIN-BERGSTROM INTL AIRPOR        | 3011N    | 09741W    | 202       |           | 997.1        | 1014.2         | 29.9        |        | 21.7           |        | 2             | 42    |        |          |          |          |
| 74746 COLLEGE STATION, TX                 | 3035N    | 09621W    | 100       |           | 1003.4       | 1015.0         | 30.7        |        | 22.1           |        | 3             | 20    |        |          |          |          |
| 74756 GAINSVILLE, FL                      | 2941N    | 08216W    | 46        |           | 1011.2       | 1017.0         | 28.0        |        | 26.7           |        | 10            | 71    |        |          |          |          |
| 74757 GULFPORT, MS                        | 3024N    | 08904W    | 16        |           | 1015.1       | 1016.1         |             |        | 27.6           |        | 10            | 210   |        |          |          |          |
| 74758 GREENWOOD, MS                       | 3329N    | 09005W    | 45        |           | 1011.7       | 1016.6         | 27.0        |        | 25.1           |        | 5             | 64    |        |          |          |          |

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|---------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                       |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 74759 HATTIESBURG, MS                 | 3115N    | 08915W    | 45        |           | 1011.3       | 1016.7         | 27.2        |        | 26.2           |        | 8             | 102   |        |          |          |          |
| 74768 GREENVILLE, MS                  | 3328N    | 09059W    | 46        |           | 1011.5       | 1016.9         | 27.4        |        | 24.3           |        | 4             | 20    |        |          |          |          |
| 74782 JACKSONVILLE, FL                | 3020N    | 08130W    | 14        |           | 1015.8       | 1017.2         |             |        | 27.4           |        | 13            | 176   |        |          |          |          |
| 74783 FORT LAUDERALE, FL              | 2604N    | 08009W    | 37        |           | 1015.9       | 1016.4         | 28.7        |        | 28.6           |        | 11            | 52    |        |          |          |          |
| 74787 DAYTONA BEACH, FL               | 2910N    | 08103W    | 10        |           | 1015.8       | 1017.3         | 28.2        |        | 28.2           |        | 12            | 158   |        |          |          |          |
| 74793 VERO BEACH, FL                  | 2739N    | 08025W    | 12        |           | 1015.9       | 1017.0         | 27.6        |        | 29.6           |        | 5             | 37    |        |          |          |          |
| <b>CANADA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 71017 STEFANSSON ISLAND, NU           | 7345N    | 10510W    | 11        |           | 1011.2       | 1013.3         | 1.9         |        | 6.4            |        | 2             | 6     |        |          |          |          |
| 71018 RESOLUTE CS, NU                 | 7442N    | 09459W    | 68        |           | 1000.2       | 1008.7         | .7          |        | 5.5            |        | 2             | 12    |        |          |          |          |
| 71026 MEDICINE HAT RCS, ALTA          | 5001N    | 11040W    | 717       |           | 930.9        | 1013.6         | 20.8        |        | 12.2           |        | 1             | 6     |        | 1        |          |          |
| 71028 TATLAYOKO LAKE RCS, BC          | 5140N    | 12420W    | 877       |           | 915.3        | 1016.5         | 15.9        |        | 10.2           |        | 3             | 27    |        |          |          |          |
| 71029 HOLMAN CS, NWT                  | 7045N    | 11740W    | 30        |           | 1007.6       | 1011.4         | 7.7         |        | 8.4            |        | 4             | 10    |        |          |          |          |
| 71044 OLD CROW, YT                    | 6734N    | 13950W    | 251       |           | 980.4        | 1011.1         | 12.9        |        | 9.9            |        | 0             | 0     |        |          |          |          |
| 71049 WAGER BAY (AUT), MAN            | 6552N    | 08926W    | 18        |           | 1010.0       | 1012.3         | 11.1        |        | 5.4            |        | 2             | 4     |        |          |          |          |
| 71063 OTTAWA CDA RCS, ONT             | 4523N    | 07543W    | 79        |           | 1004.8       | 1014.0         | 19.5        |        | 16.5           |        | 6             | 48    |        |          |          |          |
| <b>71066 HIGH LEVEL A, ALTA</b>       | 5837N    | 11700W    | 338       |           | 971.9        | 1012.7         | 15.7        | 1.7    | 13.7           |        | 9             | 56    |        | 4        |          |          |
| <b>71069 SLAVE LAKE A, ALTA</b>       | 5517N    | 11440W    | 583       |           |              |                | 16.3        | 1.9    |                |        | 10            | 76    | 7      | 4        |          |          |
| <b>71074 ISACHSEN (AUT), NU</b>       | 7847N    | 10330W    | 58        |           | 1000.1       | 1007.6         | -2.1        |        | 5.1            |        | 2             | 4     |        | 6        |          |          |
| <b>71079 THOMPSON</b>                 | 5548N    | 09752W    | 222       |           | 986.7        | 1013.9         | 14.8        | 1.0    | 11.9           |        | 11            | 59    | -18    | 2        |          |          |
| 71101 SANDSPIT AWOS, BC               | 5315N    | 13140W    | 6         |           | 1012.4       | 1013.2         | 15.5        | .6     | 14.9           |        | 12            | 47    | -7     | 3        |          |          |
| 71109 PORT HARDY A, BC                | 5040N    | 12720W    | 22        |           | 1012.9       | 1015.5         | 15.6        | 1.7    | 14.8           |        | 12            | 85    | 23     | 4        |          |          |
| <b>71120 COLD LAKE A, ALTA</b>        | 5425N    | 11010W    | 541       |           | 951.3        | 1015.3         | 17.6        | 1.9    | 14.1           |        | 9             | 34    | -34    | 1        |          |          |
| <b>71122 BANFF CS, ALTA</b>           | 5112N    | 11530W    | 1397      |           | 860.2        | 1016.3         | 14.7        | .5     | 9.8            |        | 8             | 30    | -21    | 1        |          |          |
| 71158 BERENS RIVER CS, MAN            | 5221N    | 09702W    | 222       |           | 986.7        | 1013.4         | 16.6        |        | 15.3           |        | 5             | 105   |        | 4        |          |          |
| <b>71160 FORT RELIANCE (AUT), NWT</b> | 6242N    | 10900W    | 168       |           | 993.6        | 1014.3         | 14.5        |        | 11.5           |        | 7             | 32    |        | 2        |          |          |
| <b>71197 PORT AUX BASQUES,</b>        | 4734N    | 05909W    | 40        |           | 1008.6       | 1013.1         | 16.3        | 1.5    | 16.8           |        | 7             | 64    | -57    | 1        |          |          |
| 71199 WATSON LAKE (AUT), YT           | 6007N    | 12840W    | 690       |           | 931.9        | 1012.7         | 15.8        |        | 11.3           |        | 3             | 17    |        | 1        |          |          |
| 71212 FORET MONTMORENCY RCS, QUE      | 4719N    | 07108W    | 673       |           | 936.3        | 1014.7         | 13.3        |        | 13.5           |        | 11            | 89    |        |          |          |          |
| 71222 DEASE LAKE AUT, BC              | 5825N    | 13001W    | 802       |           | 920.3        | 1014.4         | 14.2        |        | 10.9           |        | 6             | 24    |        | 1        |          |          |
| 71261 GODERICH, ONT                   | 4346N    | 08143W    | 214       |           | 991.1        | 1016.5         | 18.2        |        | 17.5           |        | 6             | 68    |        |          |          |          |
| 71279 SEPT-ILES, QUE                  | 5013N    | 06615W    | 53        |           | 1004.6       | 1011.0         | 14.4        |        | 13.6           |        | 7             | 56    |        |          |          |          |
| 71288 CAMBRIDGE BAY GSN, NU           | 6906N    | 10500W    | 19        |           | 1010.5       | 1012.9         | 7.5         |        | 8.2            |        | 4             | 9     |        |          |          |          |
| 71294 BANCROFT AUTO, ONT              | 4504N    | 07752W    | 331       |           | 976.9        | 1016.1         | 16.7        |        | 14.9           |        | 5             | 91    |        |          |          |          |
| 71296 EGBERT CS, ONT                  | 4414N    | 07947W    | 251       |           | 986.4        | 1016.1         | 18.2        |        | 16.2           |        | 8             | 70    |        |          |          |          |
| 71298 HARROW CDA AUTO, ONT            | 4202N    | 08254W    | 192       |           | 994.7        | 1016.5         | 20.9        |        | 18.4           |        | 1             | 8     |        |          |          |          |
| 71299 KAPUSKASING CDA ON, ONT         | 4924N    | 08226W    | 218       |           | 986.4        | 1011.9         | 16.3        |        | 15.0           |        | 12            | 101   |        | 5        |          |          |
| 71307 RIDGETOWN RCS, ONT              | 4227N    | 08153W    | 206       |           | 993.1        | 1017.5         | 19.4        |        | 17.7           |        | 4             | 54    |        |          |          |          |
| 71309 MOOSONEE RCS, ONT               | 5117N    | 08037W    | 9         |           | 1010.4       | 1011.5         | 14.8        |        | 14.6           |        | 16            | 101   |        |          |          |          |
| 71310 ST. PETERS, PEI                 | 4627N    | 06234W    | 30        |           | 1009.5       | 1012.8         | 18.4        |        | 16.1           |        | 10            | 172   |        |          |          |          |
| 71311 NAPPAN AUTO, NS                 | 4545N    | 06414W    | 20        |           | 1010.7       | 1012.9         | 17.9        |        | 15.8           |        | 2             | 29    |        |          |          |          |
| 71315 CHARLO AUTO, NB                 | 4759N    | 06620W    | 42        |           | 1006.9       | 1012.0         | 17.2        |        | 14.7           |        | 11            | 63    |        |          |          |          |
| 71317 DEBERT, NS                      | 4525N    | 06328W    | 39        |           | 1009.3       | 1013.6         | 17.1        |        | 15.0           |        | 5             | 33    |        |          |          |          |
| 71318 CORONATION CLIMATE, ALTA        | 5204N    | 11120W    | 791       |           | 922.9        | 1015.0         | 17.2        |        | 12.2           |        | 6             | 24    |        |          |          |          |
| 71320 HALL BEACH CLIMATE, NU          | 6846N    | 08114W    | 8         |           | 1007.2       | 1007.7         | 6.2         |        | 7.9            |        | 3             | 18    |        |          |          |          |
| 71321 IQALUIT CLIMATE, NU             | 6345N    | 06833W    | 34        |           | 1005.7       | 1009.9         | 7.6         |        | 8.3            |        | 3             | 20    |        |          |          |          |

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 71322 ARVIAT CLIMATE, NU           | 6106N    | 09404W    | 10        |           | 1011.3       | 1012.5         | 10.3        |        | 10.1           |        | 12            | 54    |        |          |          |          |
| 71331 ISLAND FALLS (AUT), SASK     | 5532N    | 10220W    | 297       |           | 978.0        | 1013.8         | 16.3        |        | 12.0           |        | 8             | 51    |        |          |          |          |
| 71332 KUGLUKTUK CLIMATE, NU        | 6749N    | 11508W    | 24        |           | 1010.0       | 1012.8         | 11.5        |        | 9.6            |        | 6             | 28    |        |          |          |          |
| 71350 HARRINGTON CDA CS, PEI       | 4621N    | 06310W    | 53        |           | 1006.3       | 1012.4         | 18.7        |        | 16.2           |        | 5             | 47    |        |          |          |          |
| 71352 ELORA RCS, ONT               | 4339N    | 08025W    | 376       |           | 972.8        | 1017.1         | 17.7        |        | 16.0           |        | 7             | 70    |        |          |          |          |
| 71355 ALERT CLIMATE, NU            | 8230N    | 06220W    | 65        |           | 998.9        | 1007.4         | -1.1        |        | 4.7            |        | 4             | 19    |        |          |          |          |
| 71356 BAKER LAKE CLIMATE, NU       | 6419N    | 09600W    | 51        |           | 1006.5       | 1012.8         | 11.4        |        | 8.8            |        | 2             | 10    |        |          |          |          |
| 71357 QIKIQTARJUAQ CLIMATE, NU     | 6732N    | 06402W    | 6         |           | 1006.7       | 1007.3         | 5.1         |        | 7.2            |        | 6             | 45    |        |          |          |          |
| 71358 CLYDE RIVER CLIMATE, NU      | 7029N    | 06831W    | 27        |           | 1005.6       | 1009.7         | 5.9         |        | 7.3            |        | 1             | 7     |        |          |          |          |
| 71361 HAY RIVER CLIMATE, NWT       | 6050N    | 11540W    | 164       |           | 991.6        | 1011.6         | 15.7        |        | 12.7           |        | 5             | 33    |        |          |          |          |
| 71362 FORT SMITH CLIMATE, NWT      | 6001N    | 11150W    | 203       |           | 987.6        | 1012.2         | 16.5        |        | 12.2           |        | 9             | 85    |        |          |          |          |
| 71363 GJOA HAVEN CLIMATE, NU       | 6838N    | 09551W    | 42        |           | 1006.7       | 1011.9         | 6.1         |        | 7.4            |        | 3             | 24    |        |          |          |          |
| 71364 INUVIK CLIMATE, NWT          | 6819N    | 13330W    | 103       |           | 998.6        | 1011.4         | 12.4        |        | 10.5           |        | 6             | 29    |        |          |          |          |
| 71365 FORT SIMPSON CLIMATE, NWT    | 6145N    | 12110W    | 168       |           | 990.7        | 1011.2         | 16.2        |        | 12.8           |        | 8             | 57    |        |          |          |          |
| 71407 RESERVED OR UNKNOWN          | 9999N    | 99999E    |           |           | 1008.8       | 1010.8         | 6.4         |        | 7.1            |        | 3             | 23    |        |          |          |          |
| 71434 PEAWANUCK (AUT), ONT         | 5459N    | 08526W    | 52        |           | 1004.6       | 1011.0         | 12.5        |        | 11.7           |        | 12            | 67    |        |          |          |          |
| 71446 SWIFT CURRENT CDA, SASK      | 5016N    | 10740W    | 825       |           | 919.8        | 1015.6         | 19.2        |        | 11.8           |        | 4             | 13    |        |          |          |          |
| 71467 SACHS HARBOUR CLIMATE, NWT   | 7200N    | 12510W    | 88        |           | 1000.5       | 1011.7         | 4.3         |        | 7.5            |        | 1             | 3     |        | 1        |          |          |
| 71470 LUPIN CS, NU                 | 6546N    | 11110W    | 497       |           | 955.5        | 1015.9         | 11.5        |        | 9.4            |        | 5             | 37    |        |          |          |          |
| 71480 RESERVED OR UNKNOWN          | 9999N    | 99999E    |           |           | 998.5        | 1010.1         | 14.4        |        | 11.7           |        | 5             | 32    |        |          |          |          |
| 71490 ROBERTSON LAKE (AUT), NU     | 6505N    | 10220W    | 244       |           | 985.9        | 1014.8         | 11.1        |        | 8.9            |        | 1             | 4     |        |          |          |          |
| 71493 PARRSBORO, NS                | 4524N    | 06420W    | 31        |           | 1010.1       | 1013.6         | 16.6        |        | 15.5           |        | 5             | 54    |        |          |          |          |
| 71508 TORONTO CITY, ONT            | 4340N    | 07924W    | 113       |           | 1002.8       | 1016.2         | 21.3        |        | 16.8           |        | 5             | 89    |        |          |          |          |
| 71550 DAUPHIN CS, MAN              | 5106N    | 10000W    | 305       |           | 978.1        | 1014.4         | 18.2        |        | 15.4           |        | 4             | 21    |        |          |          |          |
| 71570 GREAT FALLS CLIMATE, MAN     | 5031N    | 09558W    | 253       |           | 984.6        | 1014.8         | 19.3        |        | 14.5           |        | 5             | 25    |        |          |          |          |
| 71573 DELHI CS, ONT                | 4252N    | 08033W    | 232       |           | 988.8        | 1016.3         | 19.1        |        | 16.2           |        | 6             | 59    |        |          |          |          |
| 71575 CAPE DORSET CLIMATE, NU      | 6413N    | 07631W    | 50        |           | 1001.9       | 1008.2         | 6.2         |        | 7.6            |        | 6             | 40    |        |          |          |          |
| 71576 POND INLET CLIMATE, NU       | 7241N    | 07757W    | 65        |           | 999.1        | 1007.3         | 4.6         |        | 6.5            |        | 4             | 22    |        |          |          |          |
| 71585 FORT MCMURRAY CS, ALTA       | 5639N    | 11110W    | 369       |           | 968.9        | 1011.5         | 17.6        |        | 12.9           |        | 1             | 3     |        |          |          |          |
| 71586 LA RONGE RCS, SASK           | 5509N    | 10510W    | 379       |           | 969.3        | 1014.6         | 17.2        |        | 13.4           |        | 9             | 53    |        | 3        |          |          |
| 71590 EDMUNDSTON, NB               | 4725N    | 06819W    | 157       |           | 994.3        | 1012.8         | 15.7        |        | 14.3           |        | 8             | 92    |        |          |          |          |
| 71592 ARCTIC BAY CS, NU            | 7259N    | 08500W    | 10        |           | 1007.1       | 1008.4         | 3.7         |        | 6.3            |        | 4             | 17    |        |          |          |          |
| <b>71600 SABLE ISLAND, NS</b>      | 4355N    | 06000W    | 5         |           | 1014.8       | 1015.4         | 19.0        | 1.4    | 19.4           |        | 8             | 161   | 50     | 5        |          |          |
| <b>71603 YARMOUTH UA, NS</b>       | 4352N    | 06606W    | 43        |           | 1010.4       | 1015.5         | 17.3        | .8     | 17.2           |        | 3             | 55    | -27    | 3        |          |          |
| 71622 LONDON CS, ONT               | 4302N    | 08109W    | 278       |           | 984.5        | 1017.4         | 19.3        |        | 16.7           |        | 5             | 41    |        |          |          |          |
| 71665 NAIN, NFLD                   | 5633N    | 06141W    | 12        |           | 1006.8       | 1007.6         | 10.9        |        | 10.2           |        | 11            | 48    |        |          |          |          |
| 71695 THE PAS CLIMATE, MAN         | 5358N    | 10106W    | 274       |           | 981.2        | 1013.5         | 17.7        |        | 13.4           |        | 6             | 79    |        |          |          |          |
| 71696 CHURCHILL CLIMATE, MAN       | 5844N    | 09404W    | 29        |           | 1008.3       | 1011.8         | 11.9        |        | 10.9           |        | 10            | 71    |        |          |          |          |
| 71713 LA POCATIERE, QUE            | 4721N    | 07001W    | 31        |           | 1008.9       | 1012.7         | 17.3        |        | 16.6           |        | 9             | 121   |        | 4        |          |          |
| <b>71721 MANIWAKI AIRPORT, QUE</b> | 4616N    | 07559W    | 201       |           | 990.8        | 1014.7         | 17.8        |        | 16.0           |        | 11            | 56    |        | 1        |          |          |
| 71726 PARENT, QUE                  | 4755N    | 07437W    | 445       |           | 961.5        | 1014.2         | 15.8        |        | 14.5           |        | 15            | 102   |        |          |          |          |
| <b>71727 BAGOTVILLE A, QUE</b>     | 4820N    | 07100W    | 159       |           | 994.1        | 1013.2         | 17.0        | .6     | 14.7           |        | 13            | 149   | 49     | 5        |          |          |
| 71741 KAMLOOPS AUT, BC             | 5042N    | 12026W    | 345       |           | 972.7        | 1013.2         | 22.5        |        | 12.4           |        | 6             | 13    |        |          |          |          |
| 71742 GANDER AIRPORT CS, NFLD      | 4856N    | 05434W    | 151       |           | 994.6        | 1012.4         | 16.8        |        | 14.5           |        | 5             | 59    |        |          |          |          |
| 71743 RIVIERE AUX FEUILLES, QUE    | 5754N    | 07258W    | 171       |           | 989.1        | 1010.1         | 11.6        |        | 10.5           |        | 8             | 52    |        |          |          |          |
| 71747 ATIKOKAN (AUT), ONT          | 4845N    | 09137W    | 389       |           | 969.0        | 1015.2         | 17.3        | 1.3    | 15.7           |        | 9             | 57    | -42    |          |          |          |

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| STATION                                 | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |     |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|-----|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |     |
| <b>71813 NATASHQUAN A, QUE</b>          | 5011N    | 06149W    | 11        |           | 1008.5       | 1009.8         | 14.4        | .9     | 14.4           |        |               |       |        |          |          |          |     |
| <b>71816 GOOSE A, NFLD</b>              | 5319N    | 06025W    | 49        |           | 1003.5       | 1009.5         | 14.8        | .6     | 12.0           |        |               | 17    | 114    | 16       | 4        |          |     |
| <b>71818 CARTWRIGHT, NFLD</b>           | 5342N    | 05702W    | 15        |           | 1007.8       | 1009.6         | 12.8        | .9     | 11.8           |        |               | 16    | 130    | 47       | 5        | 185      |     |
| 71823 LA GRANDE IV A, QUE               | 5345N    | 07340W    | 306       |           | 974.1        | 1011.1         | 13.2        |        | 12.3           |        |               | 13    | 70     |          | 2        |          |     |
| 71826 PANGNIRTUNG, NU                   | 6609N    | 06543W    | 23        |           | 1002.4       | 1006.4         | 6.9         |        | 8.1            |        |               | 9     | 53     |          |          |          |     |
| 71827 LA GRANDE RIVIERE A,              | 5338N    | 07742W    | 195       |           | 987.6        | 1011.4         | 12.8        |        | 12.6           |        |               | 13    | 124    |          | 5        |          |     |
| <b>71828 SCHEFFERVILLE A, QUE</b>       | 5448N    | 06648W    | 518       |           | 948.3        | 1009.9         | 12.1        | 1.1    | 11.9           |        |               | 8     | 129    | 40       | 5        |          |     |
| 71832 NAGAGAMI (AUT), ONT               | 4944N    | 08409W    | 264       |           | 981.8        | 1013.5         | 16.0        |        | 14.5           |        |               | 9     | 79     |          |          |          |     |
| 71834 GERALDTON A, ONT                  | 4946N    | 08655W    | 349       |           | 972.8        | 1014.4         | 17.1        |        | 15.0           |        |               | 14    | 97     |          |          |          |     |
| <b>71842 SIOUX LOOKOUT A, ONT</b>       | 5007N    | 09154W    | 390       |           | 969.3        | 1015.0         | 17.3        | .5     | 15.5           |        |               | 10    | 140    | 53       | 4        |          |     |
| <b>71844 BIG TROUT LAKE READAC, ONT</b> | 5348N    | 08953W    | 222       |           |              |                | 14.7        |        |                |        |               | 10    | 106    |          | 4        |          |     |
| <b>71862 ESTEVAN A, SASK</b>            | 4913N    | 10250W    | 584       |           | 947.8        | 1016.0         | 19.1        | .3     | 16.3           |        |               | 5     | 29     | -24      | 2        |          |     |
| <b>71869 PRINCE ALBERT A, SK</b>        | 5313N    | 10540W    | 428       |           | 964.0        | 1015.1         | 17.2        | 1.1    | 14.6           |        |               | 5     | 20     | -38      | 1        |          |     |
| <b>71894 ESTEVAN POINT CS, BC</b>       | 4923N    | 12630W    | 7         |           | 1014.3       | 1015.2         | 15.1        |        |                |        |               | 14    | 148    |          | 5        |          |     |
| <b>71906 KUUIJUAQ A, QUE</b>            | 5806N    | 06825W    | 44        |           | 1004.2       | 1009.1         | 11.5        | 1.1    | 10.5           |        |               | 14    | 57     | -9       | 3        |          |     |
| <b>71907 INUKJUAQ A, QUE</b>            | 5828N    | 07805W    | 28        |           | 1005.8       | 1008.6         | 10.8        | 1.9    | 10.9           |        |               |       |        |          |          |          |     |
| <b>71915 CORAL HARBOUR A,</b>           | 6411N    | 08321W    | 64        |           | 1001.6       | 1009.4         | 7.9         | .8     | 7.3            |        |               | 4     | 24     | -26      | 1        |          |     |
| <b>71917 EUREKA, NU</b>                 | 7959N    | 08556W    | 11        |           | 1005.2       | 1006.6         | -1.1        | -4.1   | 4.7            |        |               | 13    | 65     | 54       | 6        |          |     |
| 71923 ENNADAI LAKE (AUT), NU            | 6107N    | 10050W    | 353       |           | 971.8        | 1014.8         | 13.1        |        | 10.2           |        |               | 6     | 23     |          |          |          |     |
| <b>71945 FORT NELSON A, BC</b>          | 5850N    | 12230W    | 389       |           | 966.9        | 1012.8         | 15.9        | 1.0    | 13.4           |        |               | 13    | 205    | 142      | 6        |          |     |
| <b>71964 WHITEHORSE A, YT</b>           | 6042N    | 13500W    | 706       |           | 929.2        | 1012.4         | 15.1        | 2.8    | 10.3           |        |               |       |        |          |          |          |     |
| <b>71966 DAWSON, YT</b>                 | 6403N    | 13900W    | 370       |           | 965.4        | 1009.8         | 14.6        |        | 10.3           |        |               | 2     | 12     |          | 1        |          |     |
| 71984 PAULATUK, NWT                     | 6921N    | 12400W    | 6         |           | 1010.7       | 1011.5         | 10.6        |        | 9.9            |        |               | 5     | 14     |          |          |          |     |
| 71989 MOULD BAY CS, NWT                 | 7614N    | 11920W    | 2         |           | 1010.9       | 1012.5         | 10.0        |        | 6.0            |        |               | 3     | 8      |          | 1        |          |     |
| 71990 MACMILLAN PASS, NWT               | 6314N    | 13000W    | 1379      |           | 857.5        | 1013.7         | 10.6        |        | 9.1            |        |               | 25    | 88     |          |          |          |     |
| <b>MEXICO</b>                           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |     |
| 76225 CHIHUAHUA, CHIH.                  | 2838N    | 10600W    | 1433      |           | 863.0        | 1007.1         | 25.5        |        | 17.7           |        |               | 9     | 59     |          | 2        | 263      | 135 |
| 76243 PIEDRAS NEGRAS, COAH.             | 2842N    | 10030W    | 250       |           | 986.1        | 1013.9         | 32.2        |        | 24.6           |        |               | 2     | 25     |          | 1        | 315      | 115 |
| 76256 EMPALME, SON.                     | 2757N    | 11040W    | 12        |           | 1010.7       | 1011.2         | 31.5        |        | 30.7           |        |               | 8     | 148    |          | 5        | 291      |     |
| 76311 CHOIX, SIN.                       | 2644N    | 10810W    | 238       |           | 983.4        | 1010.3         | 27.9        |        | 30.0           |        |               | 13    | 287    |          | 4        | 243      |     |
| 76342 MONCLOVA, COAH.                   | 2653N    | 10120W    | 615       |           | 944.9        | 1011.9         | 30.6        |        | 20.1           |        |               | 1     | 1      |          | 1        | 308      |     |
| 76382 TORREON, COAH.                    | 2532N    | 10320W    | 1124      |           | 890.0        | 1008.8         | 28.7        |        | 21.1           |        |               | 3     | 21     |          | 3        | 233      |     |
| 76390 SALTILLO, COAH.                   | 2522N    | 10100W    | 1790      |           | 825.1        | 1012.2         | 19.6        |        | 13.9           |        |               | 7     | 56     |          | 2        | 258      | 100 |
| 76393 MONTERREY, N.L.                   | 2544N    | 10010W    | 515       |           | 957.2        | 1012.4         | 28.7        |        | 23.2           |        |               | 8     | 64     |          | 2        | 252      | 105 |
| 76402 CIUDAD CONSTITUCION, BCS          | 2457N    | 11140W    | 48        |           | 1005.2       | 1010.6         | 28.3        |        | 24.9           |        |               | 5     | 59     |          | 4        | 289      | 110 |
| 76405 LA PAZ, BCS                       | 2410N    | 11010W    | 18        |           | 1008.5       | 1010.5         | 31.1        |        | 25.4           |        |               | 2     | 6      |          | 1        | 276      | 105 |
| 76423 DURANGO, DGO.                     | 2403N    | 10430W    | 1872      |           | 816.6        | 1009.6         | 21.1        |        | 14.8           |        |               | 10    | 83     |          | 2        | 230      |     |
| 76458 COLONIA JUAN CARRASCO MAZATL      | 2312N    | 10620W    | 4         |           | 1010.5       | 1010.9         | 29.4        | .6     | 30.4           | -8     |               | 12    | 178    | -38      | 3        | 244      | 105 |
| 76548 TAMPICO, TAMP                     | 2212N    | 09751W    | 25        |           | 1014.4       | 1015.4         | 28.5        | .4     | 31.3           | 1.7    |               | 10    | 266    | 146      | 5        | 234      | 106 |
| 76556 TEPIC, NAY.                       | 2131N    | 10450W    | 915       |           | 911.2        | 1011.5         | 24.6        |        | 25.4           |        |               | 19    | 367    |          | 4        | 192      | 100 |
| 76577 GUANAJUATO, GTO.                  | 2100N    | 10110W    | 1999      |           | 805.0        | 1010.5         | 20.2        | .9     | 20.4           | 5.3    |               | 8     | 71     | -69      | 3        | 213      | 97  |
| 76581 RIO VERDE, S.L.P.                 | 2156N    | 09959W    | 983       |           | 902.4        | 1009.6         | 24.3        |        | 17.3           |        |               |       |        |          | 0        | 266      | 120 |
| 76585 MATLAPA, S.L.P.                   | 2119N    | 09849W    | 132       |           | 999.0        | 1014.3         | 26.8        |        | 28.6           |        |               | 14    | 383    |          | 6        | 215      |     |
| 76634 TULANCINGO, HGO.                  | 2005N    | 09822W    | 2181      |           | 786.6        | 1014.5         | 16.7        |        | 13.7           |        |               | 13    | 79     |          | 4        | 232      | 105 |
| 76640 TUXPAN.VER.                       | 2057N    | 09724W    | 28        |           | 1014.5       | 1015.7         | 27.9        |        | 31.9           |        |               | 11    | 207    |          | 3        | 213      |     |

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 76644 AEROP.INTERNACIONAL MERIDA,  | 2059N    | 08939W    | 9         |           | 1012.7       | 1014.0         | 27.8        | .5     | 29.9           | 1.3    | 16            | 189   | 26     | 4        | 271      | 110      |
| 76647 VALLADOLID, YUC.             | 2041N    | 08812W    | 27        |           | 1011.1       | 1014.2         | 27.1        |        | 32.8           |        | 18            | 223   |        | 5        | 217      | 95       |
| 76654 MANZANILLO, COL.             | 1903N    | 10410W    | 3         |           | 1011.7       | 1012.1         | 28.6        |        | 25.2           |        | 12            | 328   |        | 5        | 191      | 90       |
| 76656 CIUDAD GUZMAN, JAL.          | 1943N    | 10320W    | 1515      |           | 851.0        | 1012.4         | 20.6        |        | 18.2           |        | 20            | 215   |        | 5        | 204      | 110      |
| 76665 MORELIA, MICH.               | 1942N    | 10110W    | 1913      |           | 812.4        | 1011.0         | 18.8        | .4     | 15.9           | .7     | 15            | 146   | -16    | 2        | 195      | 123      |
| 76675 TOLUCA, MEX.                 | 1917N    | 09941W    | 2720      |           | 738.8        | 1011.0         | 14.4        |        | 11.2           |        | 19            | 152   |        | 4        | 193      |          |
| 76680 MEXICO (CENTRAL),            | 1924N    | 09911W    | 2303      |           | 776.2        | 1008.1         | 17.4        | 1.0    | 14.3           | 1.2    | 21            | 117   | -56    | 4        | 202      | 128      |
| 76683 TLAXCALA, TLAX.              | 1919N    | 09815W    | 2248      |           | 783.8        | 1014.3         | 16.7        |        | 13.4           |        | 19            | 152   |        | 3        | 182      | 110      |
| 76685 PUEBLA, PUE.                 | 1903N    | 09810W    | 2179      |           | 787.6        | 1010.4         | 17.6        |        | 11.8           |        | 13            | 109   |        | 4        | 214      | 105      |
| 76687 JALAPA, VER.                 | 1933N    | 09655W    | 1389      |           | 869.0        | 1015.8         | 19.4        |        | 19.0           |        | 18            | 288   |        | 5        | 182      | 100      |
| 76692 HACIENDA YLANG YLANG VERACRU | 1909N    | 09607W    | 16        |           | 1012.0       | 1013.9         | 28.1        | .1     | 29.4           | .0     | 16            | 477   | 125    | 6        | 226      | 102      |
| 76695 CAMPECHE, CAMP.              | 1951N    | 09033W    | 5         |           | 1012.6       | 1013.2         | 27.8        |        | 31.7           |        | 17            | 310   |        | 5        | 277      | 105      |
| 76698 FELIPE CARRILLO PUERTO, Q.RO | 1942N    | 08754W    | 12        |           | 1013.1       | 1014.2         | 28.7        |        | 30.4           |        | 14            | 157   |        | 3        | 196      | 85       |
| 76726 CUERNAVACA, MOR.             | 1853N    | 09914W    | 1618      |           | 839.8        | 1010.9         | 20.7        |        | 16.6           |        | 23            | 238   |        | 2        | 248      |          |
| 76737 ORIZABA, VER.                | 1851N    | 09706W    | 1259      |           | 878.2        | 1014.4         | 20.2        |        | 19.2           |        | 26            | 497   |        | 4        | 167      | 105      |
| 76750 CHETUMAL, Q.R.               | 1829N    | 08818W    | 7         |           | 1012.4       | 1013.4         | 28.8        |        | 30.2           |        | 19            | 272   |        | 5        | 158      | 65       |
| 76762 CHILPANCIINGO, RO.           | 1733N    | 09930W    | 1265      |           | 875.8        | 1011.2         | 22.4        |        | 19.4           |        | 19            | 123   |        | 2        | 207      | 105      |
| 76805 ACAPULCO, GRO.               | 1650N    | 09956W    | 3         |           | 1011.1       | 1011.4         | 28.5        | .1     | 31.1           | .0     | 13            | 186   | -126   | 2        | 211      | 92       |
| 76833 SALINA CRUZ, OAX.            | 1610N    | 09511W    | 2         |           | 1010.5       | 1010.7         | 31.1        | 1.8    |                |        | 3             | 234   | 36     | 4        | 187      |          |
| 76840 ARRIAGA, CHIS.               | 1614N    | 09354W    | 48        |           | 1005.4       | 1010.9         | 29.5        |        | 28.2           |        | 14            | 142   |        | 1        | 218      |          |
| 76845 SN. CRISTOBAL LAS CASAS, CHI | 1645N    | 09238W    | 2116      |           | 795.2        | 1014.1         | 16.6        |        | 16.0           |        | 14            | 177   |        | 5        | 208      |          |
| 76848 COMITAN, CHIS.               | 1615N    | 09208W    | 1646      |           | 838.2        | 1007.5         | 19.4        |        | 16.3           |        | 16            | 263   |        | 5        | 229      | 95       |
| 76855 PUERTO ANGEL, OAX.           | 1541N    | 09629W    | 46        |           | 1005.8       | 1009.8         | 28.3        |        | 30.6           |        | 8             | 136   |        | 5        | 212      | 90       |
| <b>BERMUDA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78016 BERMUDA INTERNATIONAL AIRPOR | 3222N    | 06440W    | 130       |           | 1019.1       | 1019.5         | 27.1        |        | 27.3           |        | 15            | 265   |        |          | 252      |          |
| <b>BAHAMAS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78073 NASSAU AIRPORT NEW PROVIDENC | 2503N    | 07728W    | 7         |           | 1016.2       | 1017.0         | 28.5        | .6     | 31.6           | 2.1    | 18            | 220   | 5      | 4        | 220      | 83       |
| <b>CUBA</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78310 CABO SAN ANTONIO,            | 2152N    | 08457W    | 8         |           | 1014.4       | 1015.4         | 27.3        |        | 30.4           |        | 13            | 344   |        |          |          |          |
| 78325 CASA BLANCA,                 | 2310N    | 08221W    | 50        |           | 1009.8       | 1015.9         | 27.1        | -7     | 28.9           |        | 14            | 263   | 164    | 6        | 226      |          |
| 78355 CAMAGUEY                     | 2124N    | 07751W    | 122       |           | 1001.8       | 1015.2         | 26.8        |        | 27.9           |        | 12            | 184   |        |          |          |          |
| 78369 PUNTA DE MAISI,              | 2015N    | 07409W    | 10        |           | 1013.6       | 1014.5         | 29.2        |        | 29.3           |        | 3             | 10    |        |          |          |          |
| <b>JAMAICA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78388 MONTEGO BAY/SANGSTER         | 1830N    | 07755W    | 8         |           | 1013.9       | 1014.0         | 28.4        |        | 31.4           |        | 13            | 110   |        | 4        | 241      | 100      |
| 78397 KINGSTON/NORMAN MANLEY       | 1756N    | 07647W    | 14        |           | 1013.1       | 1013.3         | 29.2        |        | 30.1           |        | 9             | 180   |        | 5        | 269      |          |
| <b>DOMINICAN REPUBLIC</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78458 PUERTO PLATA                 | 1945N    | 07033W    | 5         |           | 1014.1       | 1015.1         | 28.0        |        | 31.0           |        | 13            | 52    |        |          |          |          |
| 78486 SANTO DOMINGO                | 1826N    | 06953W    | 14        |           | 1013.4       | 1015.0         | 28.8        | 1.7    | 30.9           | 3.3    | 16            | 161   | -16    | 3        |          |          |

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| STATION   | LATITUDE       | LONGITUDE        | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE  |        | VAPOR PRESSURE |        | PRECIPITATION |            |        |          | SUNSHINE   |           |
|---|----------------|------------------|-----------|-----------|--------------|----------------|--------------|--------|----------------|--------|---------------|------------|--------|----------|------------|-----------|
|   |                |                  |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN         | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL      | DEPART | QUINTILE | TOTAL      | % of AV.  |
| <b>PUERTO RICO AND US POSS</b><br>78526 SAN JUAN/INT.,                                      | 1825N          | 06559W           | 4         |           | 1015.2       | 1015.3         | 28.8         | .6     | 28.8           |        | 20            | 189        | 54     | 5        |            |           |
| <b>BELIZE</b><br>78583 BELIZE/PHILLIP GOLDSTON INTL   | 1732N          | 08818W           | 5         |           |              |                | 28.1         | .2     |                |        | 18            | 342        | 156    | 4        | 195        | 83        |
| <b>EL SALVADOR</b><br>78650 ACAJUTLA  | 1334N          | 08950W           | 15        |           | 1009.9       |                | 27.7         | .7     | 32.1           |        | 21            | 196        | -110   | 1        |            |           |
| <b>NICARAGUA</b><br>78741 MANAGUA A.C.SANDINO   | 1209N          | 08610W           | 56        |           | 1004.3       | 1010.5         | 27.3         |        | 27.4           |        | 14            | 86         |        | 2        | 236        |           |
| <b>COSTA RICA</b><br>78767 PUERTO LIMON   | 1000N          | 08303W           | 5         |           | 1011.3       | 1011.5         | 26.4         | .8     | 28.7           |        | 10            | 138        | -150   | 1        | 106        | 73        |
| <b>NETHERLANDS ANTILLES &amp; ARUBA</b><br>78866 JULIANA AIRPORT,                           | 1802N          | 06307W           | 4         |           | 1014.9       | 1015.4         | 28.9         | .7     | 28.9           | .1     | 13            | 80         | -19    | 2        | 266        | 102       |
| <b>GUADELOUPE</b><br>78897 LE RAIZET, GUADELOUPE  | 1616N          | 06131W           | 11        |           | 1013.6       | 1014.5         | 27.4         | -.3    | 29.7           |        | 19            | 204        | 6      | 6        | 207        |           |
| <b>MARTINIQUE</b><br>78925 LE LAMENTIN  | 1436N          | 06100W           | 8         |           | 1013.0       | 1013.9         | 27.7         | .5     | 28.6           | -1.2   | 25            | 273        | 22     | 4        | 198        | 79        |
| <b>BARBADOS</b><br>78954 GRANTLEY ADAMS   | 1304N          | 05929W           | 56        |           | 1006.8       | 1013.3         | 27.5         |        | 30.9           |        | 20            | 267        |        | 5        | 236        |           |
| <b>TRINIDAD AND TOBAGO</b><br>78970 PIARCO INT. AIRPORT,                                    | 1037N          | 06121W           | 15        |           | 1010.3       | 1012.8         | 27.8         | 1.4    | 28.8           | .2     | 16            | 114        | -136   | 1        | 246        | 116       |
| <b>CURACAO AND BONAIRE</b><br>78988 HATO AIRPORT, CURACAO                                   | 1212N          | 06858W           | 9         |           | 1011.2       | 1012.1         | 29.1         | .6     | 29.9           | .1     | 5             | 41         | 0      | 4        | 293        | 101       |
| <b>COLOMBIA</b><br>80001 SAN ANDRES (ISLA)/SESQUICENT<br>80002 PROVIDENCIA (ISLA)/EL EMBRUJ | 1235N<br>1322N | 08143W<br>08121W | 6<br>6    |           | 1011.0       | 1011.1         | 28.2<br>28.4 | .4     | 31.9<br>31.3   | .6     | 17<br>17      | 220<br>176 | 20     | 4<br>4   | 193<br>222 | 93<br>115 |



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| STATION                                  | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>S AMERICA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>COLOMBIA</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80009 SANTA MARTA/SIMON BOLIVAR          | 1108N    | 07414W    | 14        |           | 1008.9       | 1009.4         | 28.6        | .3     | 30.4           | 1.2    | 10            | 53    | 4      | 3        | 203      | 70       |
| 80022 CARTAGENA/RAFAEL NUNEZ             | 1027N    | 07531W    | 12        |           | 1009.7       | 1009.9         | 28.5        | .5     | 31.8           | 1.2    | 16            | 191   | 67     | 4        | 174      | 84       |
| 80028 BARRANQUILLA/ERNESTO CORTISS       | 1053N    | 07447W    | 30        |           | 1006.7       | 1010.2         | 27.7        | -.2    | 30.4           | .2     | 11            | 174   | 72     | 5        | 182      | 89       |
| 80084 APARTADO/LOS CEDROS                | 0749N    | 07642W    | 20        |           |              |                | 27.6        |        | 30.6           |        | 18            | 430   |        | 6        | 131      | 70       |
| 80091 BARRANCABERMEJA/YARIGUIES          | 0701N    | 07348W    | 134       |           |              |                | 28.4        | .4     | 28.5           | .2     | 17            | 298   | 54     | 3        | 216      | 104      |
| 80094 BUCARAMANGA/PALONEGRO              | 0706N    | 07312W    | 1189      |           | 881.1        |                | 21.7        |        | 21.2           |        | 13            | 169   | 77     | 5        | 169      | 85       |
| 80097 CUCUTA/CAMILO DAZA                 | 0756N    | 07231W    | 317       |           |              |                | 28.6        | .3     | 23.4           | .3     | 8             | 56    | 23     | 4        | 140      | 66       |
| 80099 ARAUCA/SANTIAGO PEREZ              | 0704N    | 07044W    | 128       |           | 991.8        | 1006.1         | 25.7        | -.2    | 29.2           | 1.1    | 16            | 245   | 23     | 4        | 178      | 110      |
| 80112 RIONEGRO/J.M.CORDOVA               | 0608N    | 07526W    | 2142      |           | 790.5        |                | 17.3        |        | 14.7           |        | 24            | 224   |        | 5        | 218      | 165      |
| 80139 PUERTO CARRENO/A.GUAUQUEA          | 0610N    | 06730W    | 55        |           |              | 1008.0         | 27.1        | .6     | 28.6           | 1.9    | 23            | 245   | -99    | 1        | 125      | 84       |
| 80144 QUIBDO/EL CARANO                   | 0543N    | 07637W    | 53        |           |              |                | 26.6        | .2     | 29.2           | -.3    | 28            | 890   | 22     | 5        | 104      | 79       |
| 80210 PEREIRA/MATECANA                   | 0449N    | 07544W    | 1342      |           |              |                | 22.0        | .1     | 20.0           | 1.0    | 16            | 226   | 102    | 5        | 148      | 83       |
| 80214 IBAGUE/PERALES                     | 0426N    | 07509W    | 928       |           | 912.1        |                | 25.8        | .9     | 22.3           | 2.7    | 8             | 92    | -8     | 4        | 182      | 95       |
| <b>80222 BOGOTA/ELDORADO</b>             | 0442N    | 07409W    | 2547      |           | 752.9        |                | 13.7        | .6     | 11.4           | -.2    | 9             | 68    | 19     | 5        | 137      | 99       |
| 80234 VILLAVICENCIO/VANGUARDIA           | 0410N    | 07337W    | 431       |           | 962.0        | 1011.2         | 25.2        | .7     | 24.9           | .5     | 19            | 473   | 77     | 6        | 118      | 91       |
| <b>80259 CALI/ALFONSO BONILLA ARAGON</b> | 0333N    | 07623W    | 969       |           | 905.1        |                | 23.7        |        | 20.9           |        | 5             | 43    | -3     | 4        | 172      | 100      |
| 80315 NEIVA/BENITO SALAS                 | 0258N    | 07518W    | 443       |           | 959.0        | 1008.4         | 28.8        | .1     | 20.0           | -.2    | 4             | 23    | -7     | 4        | 153      | 92       |
| <b>80342 PASTO/ANTONIO NARINO</b>        | 0125N    | 07716W    |           |           | 821.5        | 1021.5         | 19.9        | .1     | 14.1           | -1.2   | 7             | 44    | 12     | 5        | 198      | 99       |
| 80370 IPIALES/SAN LUIS                   | 0049N    | 07738W    | 2961      |           | 717.5        |                | 10.5        | .6     | 10.4           | .3     | 4             | 18    | -22    | 1        | 145      | 112      |
| 80398 LETICIA/VASQUEZ COBO               | 0410S    | 06957W    | 84        |           | 1003.5       | 1013.1         | 25.0        | -.6    | 28.2           | .6     | 11            | 170   | -3     | 4        | 205      | 102      |
| <b>VENEZUELA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80403 CORO                               | 1125N    | 06941W    | 17        |           | 1009.2       |                | 29.9        | 1.2    | 30.9           |        | 2             | 28    | 4      | 4        | 288      | 100      |
| 80407 MARACAIBO-LA CHINITA               | 1034N    | 07144W    | 66        |           | 1003.5       |                | 29.3        | .8     | 30.6           |        | 01            | 1     | -59    | 1        | 208      | 90       |
| 80410 BARQUISIMETO                       | 1004N    | 06919W    | 614       |           | 944.2        | 1011.7         | 24.3        | .8     | 24.6           |        | 7             | 48    | -5     | 3        | 246      | 102      |
| 80413 MARACAY - B.A. SUCRE               | 1015N    | 06739W    | 437       |           | 963.9        | 1012.4         | 25.2        | .8     | 23.8           |        | 17            | 213   | 41     | 3        | 198      | 86       |
| 80415 CARACAS/MAIQUETIA AEROP. INT       | 1036N    | 06659W    | 48        |           | 1006.6       | 1012.0         | 28.1        | 1.1    | 32.8           |        | 4             | 25    | -25    | 2        |          |          |
| 80416 CARACAS/LA CARLOTA                 | 1030N    | 06653W    | 835       |           | 919.3        |                | 23.1        | .8     | 22.2           |        | 10            | 66    | -58    |          | 196      | 90       |
| 80419 BARCELONA                          | 1007N    | 06441W    | 7         |           | 1012.2       | 1014.9         | 27.8        | 1.3    | 27.2           |        | 9             | 93    | -28    | 1        | 214      | 91       |
| 80420 CUMANA                             | 1027N    | 06411W    | 4         |           | 1008.9       | 1009.5         | 27.8        |        | 24.5           |        | 4             | 13    |        |          | 255      | 105      |
| 80421 PORLAMAR (AEROPUERTO INT. DE       | 1055N    | 06358W    | 24        |           | 1009.8       | 1012.0         | 28.7        |        | 31.2           |        | 7             | 81    |        |          |          |          |
| <b>80423 GUIRIA</b>                      | 1035N    | 06219W    | 14        |           |              | 1011.1         | 26.9        | -.3    | 29.8           |        | 11            | 54    | -74    | 1        | 196      | 92       |
| <b>80425 MENE GRANDE</b>                 | 0949N    | 07056W    | 28        |           | 1007.7       | 1010.8         | 28.8        | 1.2    |                |        | 6             | 56    | -82    | 1        | 198      | 88       |
| 80426 VALERA                             | 0921N    | 07037W    | 582       |           | 947.9        | 1011.4         | 25.6        |        | 22.1           |        | 22            | 229   |        |          | 131      | 70       |
| 80427 ACARIGUA                           | 0933N    | 06914W    | 226       |           | 987.3        | 1012.6         | 25.2        | .2     | 26.6           |        | 15            | 132   | -65    |          | 190      | 97       |
| 80428 GUANARE                            | 0901N    | 06944W    | 163       |           | 992.5        | 1010.3         | 26.0        | 1.0    | 26.9           |        | 19            | 294   | 94     |          | 179      | 96       |
| 80431 SAN JUAN DE LOS MORROS             | 0955N    | 06720W    | 429       |           | 963.9        | 1011.0         | 24.5        |        | 24.9           |        | 17            | 45    |        |          | 201      | 105      |
| 80432 CARRIZAL                           | 0925N    | 06655W    | 161       |           |              | 1009.0         | 26.3        |        | 29.5           |        | 12            | 150   |        |          | 209      | 95       |
| 80434 VALLE DE LA PASCUA                 | 0913N    | 06601W    | 125       |           | 991.8        | 1006.5         | 26.0        |        | 28.1           |        |               |       |        |          | 207      |          |

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| STATION                               | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                       |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 80435 MATURIN                         | 0945N    | 06311W    | 66        |           | 1002.9       | 1010.4         | 28.0        | 1.8    |                |        | 15            | 225   | 48     | 5        | 227      | 111      |
| 80437 EL VIGIA                        | 0838N    | 07139W    | 103       |           | 999.9        | 1008.4         | 28.2        |        | 28.9           |        | 9             | 176   |        |          | 187      |          |
| <b>80438 MERIDA</b>                   | 0836N    | 07111W    | 1498      |           | 852.5        |                | 20.4        | 1.0    | 18.8           |        |               |       |        |          | 186      | 87       |
| 80440 BARINAS                         | 0837N    | 07013W    | 204       |           | 991.6        | 1012.7         | 25.9        |        | 27.4           |        | 17            | 347   |        |          | 173      |          |
| 80442 CALABOZO                        | 0856N    | 06725W    | 101       |           | 1001.5       |                |             |        |                |        | 19            | 292   |        |          | 176      |          |
| 80444 CIUDAD BOLIVAR                  | 0809N    | 06333W    | 48        |           | 1006.2       |                | 27.6        | .2     |                |        | 14            | 239   | 79     | 5        | 217      | 88       |
| 80447 SAN ANTONIO DEL TACHIRA         | 0751N    | 07227W    | 378       |           | 966.1        | 1007.8         | 27.5        | .4     | 20.5           |        | 8             | 75    | 49     | 5        | 195      | 97       |
| 80448 GUASDUALITO                     | 0714N    | 07048W    | 131       |           |              |                | 25.5        | .2     | 28.3           |        | 15            | 227   | 0      |          | 152      | 93       |
| <b>80450 SAN FERNANDO DE APURE</b>    | 0754N    | 06725W    | 48        |           | 1007.7       |                | 28.5        | 2.4    |                |        | 18            | 182   | -73    | 2        |          |          |
| <b>80453 TUMEREMO</b>                 | 0718N    | 06127W    | 181       |           |              |                | 22.8        | -2.6   |                |        | 16            | 189   | 64     | 5        | 235      | 107      |
| 80457 PUERTO AYACUCHO                 | 0536N    | 06730W    | 74        |           | 1004.8       | 1013.3         | 25.0        | -4     | 26.0           |        | 23            | 346   | 48     | 5        | 114      | 74       |
| <b>80462 SANTA ELENA DE UAIREN</b>    | 0436N    | 06107W    | 907       |           |              |                | 21.1        | .2     | 21.5           |        | 19            | 134   | -52    | 2        | 195      | 92       |
| 80472 VALENCIA                        | 1010N    | 06756W    | 431       |           | 964.7        | 1012.5         | 25.0        |        | 26.3           |        | 17            | 126   |        |          | 194      |          |
| 80475 STO. DOMINGO                    | 0735N    | 07204W    | 327       |           | 977.6        | 1013.6         | 23.9        |        |                |        |               |       |        |          | 145      | 95       |
| <b>SURINAME</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 81225 ZANDERIJ                        | 0527N    | 05512W    | 15        |           | 1010.6       | 1012.6         | 26.6        |        |                |        | 17            | 256   |        |          |          |          |
| <b>FRENCH GUIANA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 81401 SAINT-LAURENT-DU-MARONI         | 0530N    | 05402W    | 9         |           | 1011.5       | 1012.1         | 26.2        |        | 29.3           |        | 18            | 198   | 31     |          |          |          |
| <b>81405 ROCHAMBEAU</b>               | 0450N    | 05222W    | 9         |           | 1011.5       | 1012.5         | 26.7        |        | 27.4           |        | 15            | 103   | -62    | 0        | 234      | 98       |
| 81408 SAINT GEORGES DE L'OYAPOCK      | 0353N    | 05148W    | 7         |           | 1011.4       | 1012.2         | 26.5        |        | 27.8           |        | 10            | 78    | -36    |          |          |          |
| 81415 MARIPASOULA                     | 0338N    | 05402W    | 104       |           | 1000.5       | 1012.6         | 26.6        |        | 27.0           |        | 18            | 187   | 34     |          |          |          |
| <b>BRAZIL</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>82024 BOA VISTA</b>                | 0249N    | 06039W    | 90        |           |              |                | 27.2        |        | 30.4           |        | 19            | 301   |        | 5        | 179      | 115      |
| 82098 MACAPA                          | 0002N    | 05103W    | 15        |           | 1009.8       | 1011.5         | 27.7        | .9     | 30.3           |        | 13            | 158   | 60     | 5        | 262      | 97       |
| <b>82106 SAO GABRIEL DA CACHOEIRA</b> | 0008S    | 06705W    | 90        |           |              |                | 25.6        |        | 28.9           |        | 16            | 290   |        | 5        | 140      | 100      |
| <b>82113 BARCELOS</b>                 | 0059S    | 06255W    | 40        |           |              |                | 26.0        | .3     | 29.4           |        | 13            | 252   | 153    | 5        | 118      | 62       |
| 82191 BELEM                           | 0127S    | 04828W    | 10        |           | 1010.4       | 1011.0         | 27.3        | 1.3    | 30.8           |        | 15            | 246   | 115    | 6        | 233      | 91       |
| 82212 FONTE BOA                       | 0232S    | 06610W    | 56        |           | 1004.9       | 1013.0         | 26.2        |        | 28.9           |        | 18            | 258   |        | 5        | 147      | 85       |
| 82246 BELTERRA                        | 0238S    | 05457W    | 176       |           | 992.8        | 1012.5         | 26.0        | -1.7   | 30.8           |        | 16            | 239   | 187    | 6        | 240      | 96       |
| 82280 SAO LUIZ                        | 0232S    | 04418W    | 51        |           | 1006.3       | 1012.1         |             |        | 30.7           |        | 4             | 15    | -17    | 2        | 273      | 105      |
| <b>82331 MANAUS</b>                   | 0308S    | 06001W    | 72        |           | 1004.1       | 1012.3         | 28.2        | 1.2    | 28.4           |        | 8             | 53    | -4     | 3        | 200      | 89       |
| 82336 ITACOATIARA                     | 0308S    | 05826W    | 40        |           |              |                | 27.9        | 1.8    | 29.4           |        | 6             | 128   | 79     | 5        | 214      | 114      |
| 82397 FORTALEZA                       | 0346S    | 03836W    | 26        |           | 1010.5       | 1013.6         | 27.1        | 1.0    | 26.2           |        | 4             | 14    | -17    | 2        | 261      | 155      |
| <b>82410 BENJAMIN CONSTANT</b>        | 0423S    | 07002W    | 65        |           |              |                | 25.3        |        | 27.7           |        | 14            | 135   |        | 4        | 191      | 120      |
| <b>82425 COARI</b>                    | 0405S    | 06308W    | 46        |           |              |                | 28.2        |        | 28.6           |        | 6             | 69    |        | 2        |          |          |
| 82445 ITAITUBA                        | 0416S    | 05559W    | 45        |           | 1008.3       | 1013.5         | 28.1        | 1.1    | 30.3           |        | 6             | 59    | -33    | 3        | 251      | 111      |
| 82460 BACABAL                         | 0415S    | 04447W    | 25        |           | 1008.8       | 1011.8         | 28.9        |        | 29.5           |        | 1             | 9     |        | 3        | 282      | 110      |
| 82533 MANICORE                        | 0549S    | 06118W    | 50        |           |              |                | 27.0        |        | 28.3           |        | 3             | 44    |        | 3        |          |          |
| 82562 MARABA                          | 0521S    | 04909W    | 95        |           |              |                | 28.4        | 1.6    | 27.0           |        | 1             | 14    | -8     | 4        |          |          |
| <b>82571 BARRA DO CORDA</b>           | 0530S    | 04516W    | 153       |           | 993.8        | 1011.1         | 27.5        | 1.8    | 22.8           |        | 1             | 2     | -12    | 3        | 299      | 124      |
| 82578 TERESINA                        | 0505S    | 04249W    | 74        |           | 1003.1       | 1013.2         | 28.0        | 2.3    | 23.7           |        | 1             | 1     | -10    | 3        | 311      | 108      |

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| STATION                      | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                              |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 82583 CRATEUS                | 0510S    | 04040W    | 299       |           | 978.8        | 1012.3         | 28.7        | 3.2    | 21.7           |        | 0             | 0     | -5     | 3        | 259      | 94       |
| <b>82586 QUIXERAMOBIM</b>    | 0512S    | 03918W    | 212       |           | 987.5        | 1014.4         | 27.2        | .2     | 24.9           |        | 1             | 5     | -5     | 3        | 277      | 101      |
| 82598 NATAL                  | 0546S    | 03512W    | 45        |           | 1009.4       | 1014.7         | 25.2        |        | 27.9           |        | 14            | 242   |        | 5        | 245      | 100      |
| 82678 FLORIANO               | 0646S    | 04301W    | 127       |           | 998.8        | 1012.4         | 30.1        | 1.3    | 19.0           |        | 0             | 0     | -1     | 0        | 321      | 114      |
| <b>82704 CRUZEIRO DO SUL</b> | 0738S    | 07240W    | 170       |           | 989.6        | 1009.1         | 24.8        |        | 25.2           |        | 4             | 75    |        |          | 199      | 150      |
| 82723 LABREA                 | 0715S    | 06450W    | 60        |           | 1005.6       | 1013.6         | 26.2        |        | 28.1           |        | 3             | 15    |        | 1        |          |          |
| 82765 CAROLINA               | 0720S    | 04728W    | 193       |           | 990.5        | 1014.3         | 28.9        | 1.4    | 22.1           |        | 0             | 0     | -16    | 2        | 303      | 114      |
| 82784 BARBALHA               | 0719S    | 03918W    | 409       |           | 968.6        | 1013.9         | 25.6        | .7     | 21.3           |        | 0             | 0     | -5     | 0        | 282      | 100      |
| 82791 PATOS                  | 0701S    | 03716W    | 249       |           | 984.9        | 1012.8         | 27.5        |        | 19.7           |        | 0             | 0     |        | 0        | 284      |          |
| 82900 RECIFE                 | 0803S    | 03455W    | 7         |           | 1015.1       | 1016.0         | 24.6        | .7     | 25.5           |        | 20            | 226   | 13     | 4        | 183      | 169      |
| 82915 RIO BRANCO             | 0958S    | 06748W    | 160       |           | 995.5        | 1013.9         | 23.8        | -5     | 22.2           |        | 5             | 48    | 8      | 3        | 249      | 146      |
| 82983 PETROLINA              | 0923S    | 04029W    | 370       |           | 973.1        | 1014.5         | 25.4        | .6     | 19.4           |        | 2             | 5     | 1      | 4        | 270      | 103      |
| <b>83064 PORTO NACIONAL</b>  | 1043S    | 04835W    | 239       |           | 983.3        | 1010.8         | 28.5        | 1.5    | 19.2           |        | 0             | 0     | -7     | 3        | 304      | 105      |
| 83096 ARACAJU                | 1055S    | 03703W    | 5         |           | 1015.9       | 1016.6         | 25.1        | .6     | 25.5           |        | 18            | 114   | 13     | 5        | 210      | 95       |
| 83186 JACOBINA               | 1111S    | 04028W    | 485       |           | 961.6        | 1015.2         | 22.0        | .2     | 20.1           |        | 10            | 48    | 9      | 4        | 200      | 103      |
| 83208 VILHENA AERO           | 1244S    | 06008W    | 612       |           | 944.8        |                | 24.2        |        | 14.4           |        | 0             | 0     |        |          |          |          |
| <b>83229 SALVADOR</b>        | 1301S    | 03831W    | 51        |           | 1012.4       | 1018.2         | 23.4        | -3     | 25.0           |        | 19            | 211   | 76     | 5        | 186      | 92       |
| 83235 TAGUATINGA             | 1224S    | 04626W    | 604       |           | 946.2        | 1012.5         | 26.6        | 1.5    | 14.9           |        | 0             | 0     | -3     | 0        |          |          |
| <b>83236 BARREIRAS</b>       | 1209S    | 04500W    | 439       |           | 964.3        | 1013.4         | 25.3        | 1.7    | 15.8           |        | 0             | 0     | -5     | 0        | 314      | 110      |
| 83242 LENCOIS                | 1234S    | 04123W    | 439       |           | 967.8        | 1017.7         | 21.6        | -1     | 19.1           |        | 5             | 67    | 21     | 5        | 190      | 110      |
| <b>83264 GLEBA CELESTE</b>   | 1212S    | 05630W    | 415       |           | 969.6        | 1016.0         | 25.5        | 2.3    | 17.5           |        | 0             | 0     | -23    | 0        | 273      | 127      |
| 83288 BOM JESUS DA LAPA      | 1316S    | 04325W    | 440       |           | 964.5        | 1013.2         | 26.3        | 1.4    | 17.2           |        | 0             | 0     | -2     | 0        | 320      | 115      |
| 83332 POSSE                  | 1406S    | 04622W    | 826       |           | 922.8        | 1012.3         | 24.3        | .9     | 14.5           |        | 0             | 0     | -12    | 0        |          |          |
| 83344 VITORIA DA CONQUISTA   | 1457S    | 04053W    | 840       |           | 920.7        | 1018.9         | 18.0        | -6     | 18.0           |        | 9             | 20    | 2      | 4        | 168      | 79       |
| 83358 POXOREU (POXOREU)      | 1550S    | 05423W    | 450       |           | 973.2        | 1013.0         | 21.9        |        | 14.0           |        | 0             | 0     |        | 0        | 270      |          |
| <b>83361 CUIABA</b>          | 1533S    | 05607W    | 151       |           | 997.8        | 1018.0         | 24.2        | -5     | 16.1           |        | 0             | 0     | -11    | 0        | 262      | 114      |
| 83377 BRASILIA               | 1547S    | 04756W    | 1159      |           | 888.9        | 1013.7         | 21.0        | -2     | 11.2           |        | 0             | 0     | -12    | 0        | 273      | 104      |
| 83423 GOIANIA                | 1640S    | 04915W    | 741       |           | 932.5        | 1013.4         | 24.3        | 1.4    | 12.3           |        | 0             | 0     | -12    | 3        |          |          |
| 83437 MONTES CLAROS          | 1643S    | 04352W    | 646       |           | 943.8        | 1015.5         | 22.8        | 1.6    | 13.7           |        | 0             | 0     | -6     | 0        | 289      | 107      |
| <b>83481 JOAO PINHEIRO</b>   | 1742S    | 04610W    | 760       |           | 931.3        | 1014.8         | 23.0        | 1.2    | 15.8           |        | 0             | 0     | -7     | 3        |          |          |
| <b>83498 CARAVELAS</b>       | 1744S    | 03915W    | 3         |           | 1017.0       | 1017.5         | 23.0        | .7     | 24.1           |        | 14            | 140   | 75     | 5        |          |          |
| 83550 SAO MATEUS             | 1842S    | 03951W    | 25        |           | 1015.1       | 1018.0         | 22.2        | .5     | 21.7           |        | 11            | 73    | 20     | 4        | 212      | 120      |
| 83552 CORUMBA                | 1905S    | 05730W    | 130       |           | 998.1        | 1015.8         |             |        | 15.2           |        | 1             | 3     | -29    | 1        |          |          |
| 83565 PARANAIBA              | 1942S    | 05111W    | 331       |           | 968.4        | 1015.4         | 21.7        | -4     | 12.7           |        | 0             | 0     | -21    | 1        | 229      | 93       |
| 83579 ARAXA                  | 1934S    | 04656W    | 1004      |           | 904.9        | 1016.8         | 19.9        | .5     | 12.1           |        | 2             | 15    | -5     | 3        | 292      | 116      |
| 83587 BELO HORIZONTE         | 1956S    | 04356W    | 850       |           | 915.6        | 1016.3         | 20.5        | 1.5    | 12.8           |        | 0             | 0     | -13    | 0        | 251      | 98       |
| 83592 CARATINGA              | 1948S    | 04209W    | 609       |           | 949.9        | 1018.8         | 19.2        | .1     | 17.0           |        | 3             | 5     | -17    | 3        | 230      | 114      |
| 83623 VOTUPORANGA            | 2025S    | 04959W    | 503       |           |              |                |             |        |                |        | 0             | 0     |        | 0        |          |          |
| 83630 FRANCA                 | 2033S    | 04726W    | 1026      |           |              |                | 19.8        | 2.0    | 12.0           |        | 1             | 20    | -3     | 2        | 278      | 226      |
| 83648 VITORIA                | 2019S    | 04020W    | 36        |           | 1016.4       | 1020.7         | 23.0        | .8     | 21.3           |        | 7             | 83    | 28     | 4        | 204      | 95       |
| 83676 CATANDUVA              | 2108S    | 04858W    | 536       |           | 951.0        | 1014.5         | 21.2        | .1     | 13.5           |        | 0             | 0     | -27    | 0        | 219      | 98       |
| 83698 CAMPOS                 | 2145S    | 04120W    | 11        |           | 1018.0       | 1019.4         | 22.1        |        | 20.8           |        | 3             | 27    |        | 3        |          |          |
| 83702 PONTA PORA             | 2232S    | 05542W    | 650       |           | 940.8        | 1017.9         |             |        | 11.2           |        | 2             | 4     | -64    | 1        |          |          |
| 83704 IVINHEMA               | 2219S    | 05356W    | 369       |           | 972.8        |                |             |        |                |        | 0             | 0     | -85    | 0        |          |          |
| 83726 SAO CARLOS             | 2201S    | 04753W    | 856       |           | 921.9        | 1019.6         | 18.2        | .4     | 13.2           |        | 2             | 24    | -6     | 3        | 246      | 230      |
| 83738 RESENDE                | 2229S    | 04428W    | 440       |           | 969.3        | 1019.9         | 18.6        |        | 15.4           |        | 01            | 1     |        | 1        | 219      | 120      |

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| STATION                                | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 83766 LONDRINA                         | 2323S    | 05111W    | 566       |           | 952.9        | 1018.8         | 18.4        | -.1    | 14.0           |        | 0             | 0     | -62    | 0        | 245      | 123      |
| <b>83781 SAO PAULO</b>                 | 2330S    | 04637W    | 792       |           | 928.6        | 1018.0         | 18.0        | .9     | 13.3           |        | 3             | 8     | -30    | 2        | 199      | 128      |
| 83836 IRATI                            | 2528S    | 05038W    | 837       |           | 918.9        | 1016.9         | 13.8        |        | 12.5           |        | 5             | 44    |        | 2        | 188      | 120      |
| <b>83842 CURITIBA</b>                  | 2525S    | 04916W    | 924       |           | 915.4        | 1019.3         | 14.3        | .3     | 12.7           |        | 5             | 39    | -35    | 2        | 175      | 118      |
| 83897 FLORIANOPOLIS                    | 2735S    | 04834W    | 2         |           | 1018.6       | 1018.9         | 16.4        | -.5    | 15.1           |        | 9             | 131   | 39     | 5        | 177      | 116      |
| 83967 PORTO ALEGRE                     | 3001S    | 05113W    | 47        |           | 1014.3       | 1020.1         | 13.8        | -1.5   | 13.5           |        | 15            | 247   | 107    | 5        | 122      | 81       |
| 83980 BAGE                             | 3120S    | 05406W    | 242       |           | 990.6        | 1019.7         | 11.0        | -2.3   | 10.4           |        | 10            | 116   | -7     | 3        | 160      | 119      |
| 83997 ST.VITORIA DO PALMAR             | 3331S    | 05321W    | 24        |           | 1017.1       | 1021.6         | 10.8        | -1.2   | 10.7           |        | 7             | 115   | 8      | 4        | 173      | 106      |
| <b>ECUADOR</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>84008 SAN CRISTOBAL (GALAPAGOS)</b> | 0054S    | 08937W    | 8         |           | 1012.9       |                | 20.9        | -.4    | 20.0           |        | 1             | 10    | 4      | 5        | 175      |          |
| 84036 SAN GABRIEL                      | 0036N    | 07749W    | 2941      |           |              |                | 11.5        | .1     | 11.4           |        | 5             | 24    | -12    | 1        | 147      |          |
| 84050 LA CONCORDIA                     | 0001N    | 07922W    | 360       |           |              |                | 23.4        | .1     | 24.0           |        | 5             | 10    | -49    | 1        | 88       |          |
| <b>84088 IZOBAMBA</b>                  | 0021S    | 07833W    | 3058      |           | 706.8        |                | 12.3        | .7     | 10.0           |        | 9             | 44    | 4      | 1        | 188      |          |
| 84132 NUEVO ROCAFUERTE                 | 0055S    | 07525W    | 265       |           | 989.9        |                | 24.8        |        | 27.0           |        | 19            | 278   | 37     | 1        | 130      |          |
| 84135 PORTOVIEJO                       | 0102S    | 08027W    | 60        |           | 1011.4       |                | 23.9        | -.1    | 22.4           |        | 0             | 0     | -2     | 1        | 139      |          |
| <b>84140 PICHILINGUE</b>               | 0106S    | 07929W    | 120       |           | 1002.9       |                | 23.4        | -.1    | 23.8           |        | 1             | 2     | -9     | 3        | 70       |          |
| 84179 PUYO                             | 0130S    | 07754W    | 960       |           | 907.9        |                | 20.7        | .4     | 20.8           |        | 26            | 465   | 162    | 1        | 92       |          |
| 84226 CANAR                            | 0233S    | 07856W    | 3083      |           |              |                | 11.2        | .1     | 11.1           |        | 9             | 24    | 6      | 4        | 170      |          |
| <b>84270 LOJA/LA ARGELIA</b>           | 0402S    | 07912W    | 2160      |           |              |                | 15.3        | .2     | 13.5           |        | 3             | 36    | -11    | 0        | 143      |          |
| <b>PERU</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 84377 IQUITOS                          | 0347S    | 07318W    | 126       |           | 1001.8       | 1016.1         | 25.2        |        | 26.4           |        | 15            | 221   | 57     | 5        |          |          |
| 84452 CHICLAYO                         | 0647S    | 07949W    | 30        |           | 1011.1       | 1014.4         | 17.7        |        | 16.0           |        | 0             | 0     | -1     | 4        |          |          |
| 84501 TRUJILLO                         | 0805S    | 07906W    | 30        |           | 1012.2       | 1015.2         | 16.7        |        | 15.3           |        | 0             | 0     | 0      | 4        |          |          |
| 84515 PUCALLPA                         | 0822S    | 07434W    | 149       |           | 995.3        | 1013.1         | 25.3        |        | 25.0           |        | 4             | 22    |        | 1        |          |          |
| 84628 LIMA/CALLAO                      | 1201S    | 07707W    | 13        |           | 1013.9       | 1015.5         | 15.5        |        | 15.0           |        |               | 2     | 1      | 5        |          |          |
| 84686 CUZCO                            | 1332S    | 07156W    | 3249      |           | 689.0        |                | 10.9        |        | 5.6            |        | 4             | 16    | 8      | 5        |          |          |
| 84691 PISCO                            | 1344S    | 07613W    | 7         |           | 1014.0       | 1014.7         | 16.3        |        | 15.7           |        | 0             | 0     | -1     | 4        |          |          |
| 84735 JULIACA                          | 1528S    | 07009W    | 3827      |           | 645.3        |                | 9.8         |        | 4.2            |        | 2             | 11    | 6      | 4        |          |          |
| 84752 AREQUIPA                         | 1620S    | 07134W    | 2539      |           | 753.5        |                | 14.0        |        | 3.0            |        | 0             | 0     | -1     | 4        |          |          |
| <b>BOLIVIA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 85041 COBIJA                           | 1102S    | 06847W    | 235       |           | 986.1        | 1012.6         | 24.6        |        | 21.8           |        | 6             | 62    |        | 4        |          |          |
| 85043 RIBERALTA                        | 1100S    | 06607W    | 141       |           | 996.6        | 1012.8         | 25.4        |        | 20.1           |        | 2             | 7     |        | 2        |          |          |
| 85104 SAN JOAQUIN                      | 1304S    | 06449W    | 140       |           | 997.2        | 1013.4         | 24.7        |        | 18.1           |        | 2             | 49    |        | 4        |          |          |
| 85109 SAN RAMON                        | 1318S    | 06442W    | 140       |           | 997.7        | 1014.0         | 24.4        |        | 17.5           |        | 2             | 11    |        |          |          |          |
| 85114 MAGDALENA                        | 1320S    | 06407W    | 140       |           | 998.4        | 1014.9         | 24.1        |        | 17.3           |        | 1             | 23    |        | 3        |          |          |
| 85123 SANTA ANA                        | 1346S    | 06526W    | 144       |           | 997.1        | 1013.7         | 23.6        |        | 16.9           |        | 4             | 32    |        | 3        |          |          |
| 85140 REYES                            | 1419S    | 06723W    | 140       |           | 994.3        | 1015.4         | 22.3        |        | 18.9           |        | 4             | 80    |        |          |          |          |
| 85141 RURRENABAQUE                     | 1428S    | 06734W    | 204       |           | 990.5        | 1013.7         | 22.7        |        | 23.3           |        | 7             | 86    |        | 3        |          |          |
| 85152 SAN BORJA                        | 1452S    | 06652W    | 194       |           | 991.3        | 1014.1         | 22.7        |        | 18.7           |        | 7             | 136   |        | 5        |          |          |
| 85153 SAN IGNACIO DE MOXOS             | 1455S    | 06536W    | 160       |           | 996.0        | 1014.3         | 22.3        |        | 16.5           |        | 3             | 24    |        | 2        |          |          |
| 85154 TRINIDAD                         | 1449S    | 06455W    | 155       |           | 996.7        | 1014.7         | 22.9        |        | 16.2           |        | 3             | 29    |        | 3        |          |          |

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| STATION                       | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                               |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 85175 ASCENCION DE GUARAYOS   | 1543S    | 06306W    | 247       |           | 987.1        | 1016.1         | 21.8        |        | 15.1           |        | 1             | 10    |        | 2        |          |          |
| 85195 SAN JAVIER              | 1616S    | 06228W    | 534       |           | 954.7        | 1014.9         | 20.0        |        | 14.2           |        | 2             | 21    |        | 2        |          |          |
| 85196 CONCEPCION              | 1609S    | 06201W    | 497       |           | 958.7        | 1016.2         | 20.9        |        | 14.7           |        | 1             | 6     |        | 2        |          |          |
| 85201 LA PAZ/ALTO             | 1631S    | 06811W    | 4058      |           | 630.4        |                | 5.9         |        | 3.2            |        | 3             | 19    |        | 4        |          |          |
| 85207 SAN IGNACIO DE VELASCO  | 1623S    | 06058W    | 413       |           | 967.5        | 1014.6         | 20.6        |        | 16.0           |        | 2             | 5     |        | 2        |          |          |
| 85210 SAN MATIAS              | 1620S    | 05823W    | 124       |           |              | 1019.5         | 23.2        |        | 15.3           |        | 0             | 0     |        |          |          |          |
| 85223 COCHABAMBA              | 1725S    | 06611W    | 2548      |           | 751.2        |                | 16.2        |        | 5.9            |        | 3             | 8     |        | 5        |          |          |
| 85242 ORURO                   | 1758S    | 06704W    | 3072      |           | 656.6        |                | 7.1         |        | 4.0            |        | 4             | 39    |        | 5        |          |          |
| 85244 VIRU-VIRU               | 1738S    | 06308W    | 373       |           | 971.9        | 1015.3         | 20.4        |        | 12.4           |        | 6             | 67    |        |          |          |          |
| 85245 SANTA CRUZ/EL TROMPILLO | 1748S    | 06311W    | 418       |           | 966.4        | 1014.9         | 20.4        |        | 12.0           |        | 7             | 99    |        | 5        |          |          |
| 85247 SAN JOSE DE CHIQUITOS   | 1748S    | 06044W    | 284       |           | 985.1        | 1017.2         | 22.6        |        | 13.3           |        | 1             | 1     |        | 2        |          |          |
| 85264 VALLEGRANDE             | 1828S    | 06406W    | 1998      |           | 804.6        |                | 13.6        |        | 9.9            |        | 4             | 30    |        |          |          |          |
| 85268 ROBORE                  | 1819S    | 05946W    | 276       |           | 984.7        | 1017.2         | 21.2        |        | 15.5           |        | 2             | 7     |        | 2        |          |          |
| 85283 SUCRE                   | 1901S    | 06518W    | 2904      |           | 720.2        |                | 13.1        |        | 6.7            |        | 1             | 9     |        | 4        |          |          |
| 85289 PUERTO SUAREZ           | 1859S    | 05749W    | 134       |           | 999.4        | 1014.8         | 20.8        |        | 14.8           |        |               |       |        |          |          |          |
| 85293 POTOSI                  | 1933S    | 06544W    | 3935      |           | 637.0        |                | 6.1         |        | 4.1            |        | 1             | 1     |        |          |          |          |
| 85312 MONTEAGUDO              | 1947S    | 06355W    | 992       |           | 876.8        |                | 16.2        |        | 11.3           |        | 0             | 0     |        |          |          |          |
| 85315 CAMIRI                  | 2000S    | 06332W    | 798       |           | 925.0        | 1015.1         | 17.2        |        | 9.0            |        | 2             | 3     |        | 2        |          |          |
| 85345 VILLAMONTES             | 2115S    | 06327W    | 398       |           | 968.8        | 1015.1         | 18.3        |        | 10.5           |        | 1             | 2     |        |          |          |          |
| 85364 TARIJA                  | 2133S    | 06442W    | 1854      |           | 814.6        |                | 13.7        |        | 7.7            |        | 1             | 7     |        | 5        |          |          |
| 85365 YACUIBA                 | 2157S    | 06339W    | 645       |           |              | 1015.4         | 15.8        |        | 10.3           |        | 1             | 9     |        | 4        |          |          |
| 85394 BERMEJO                 | 2246S    | 06419W    | 381       |           | 971.3        | 1016.4         | 16.5        |        | 11.5           |        | 0             | 0     |        |          |          |          |
| <b>CHILE</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 85406 ARICA                   | 1821S    | 07020W    | 55        |           | 1012.0       | 1016.4         | 15.5        | -2     | 12.5           | -1.4   | 0             | 0     | -1     | 3        | 133      | 105      |
| 85418 IQUIQUE                 | 2032S    | 07011W    | 48        |           | 1011.1       | 1016.8         | 14.8        | -5     | 11.5           | -1.7   | 0             | 0     | 0      | 4        | 142      | 90       |
| 85442 ANTOFAGASTA             | 2326S    | 07027W    | 140       |           | 1000.3       | 1016.3         | 13.7        | .0     | 11.7           | -5     | 0             | 0     | -1     | 3        | 219      | 105      |
| 85469 ISLA DE PASCUA          | 2710S    | 10920W    | 69        |           |              | 1021.6         | 18.7        |        | 16.8           |        | 10            | 84    |        | 2        | 187      | 110      |
| 85488 LA SERENA               | 2955S    | 07112W    | 146       |           | 1001.9       | 1018.0         | 11.1        | .2     | 10.1           | -1.0   | 0             | 0     | -16    | 1        | 195      | 115      |
| 85574 PUDAHUEL                | 3323S    | 07047W    | 474       |           | 963.9        | 1020.4         | 8.9         |        | 7.8            |        | 2             | 16    |        | 2        | 180      | 110      |
| 85577 QUINTA NORMAL           | 3326S    | 07041W    | 520       |           | 958.7        | 1020.5         | 9.6         |        | 8.7            |        | 2             | 24    |        | 2        | 157      | 105      |
| 85585 JUAN FERNANDEZ          | 3337S    | 07849W    | 30        |           | 1019.8       | 1023.5         | 12.1        |        | 10.4           |        | 10            | 39    |        | 1        | 134      | 115      |
| 85629 CURICO                  | 3458S    | 07113W    | 220       |           |              |                | 8.0         | -2     | 7.9            | -1.6   | 5             | 72    | -26    | 3        | 148      | 115      |
| 85672 CHILLAN                 | 3635S    | 07202W    | 148       |           |              |                |             |        | 9              | 112    | -23           | 3     | 151    | 100      |          |          |
| 85682 CONCEPCION              | 3646S    | 07304W    | 148       |           | 1021.1       | 1021.9         | 8.8         | -3     | 9.1            | -8     | 10            | 103   | -50    | 2        | 167      | 105      |
| 85743 TEMUCO                  | 3846S    | 07238W    | 93        |           | 1010.2       | 1021.6         | 7.1         | -6     | 8.3            | -7     | 17            | 144   | 10     | 4        | 140      | 120      |
| 85766 VALDIVIA                | 3938S    | 07305W    | 19        |           |              |                | 7.0         | -4     |                |        | 18            | 260   | 13     | 4        | 108      | 105      |
| 85782 OSORNO                  | 4036S    | 07303W    | 58        |           |              |                | 6.0         | -1.1   |                |        | 16            | 150   | -23    | 3        |          |          |
| 85799 PUERTO MONTT            | 4126S    | 07306W    | 90        |           | 1008.4       | 1019.5         | 6.1         | -7     | 7.9            | -8     | 21            | 229   | 21     | 4        | 105      | 110      |
| 85864 COYHAIQUE               | 4536S    | 07206W    | 311       |           | 975.0        | 1013.0         | 2.7         | -1.1   | 5.6            | -8     | 19            | 264   | 140    | 5        | 82       | 65       |
| 85874 BALMACEDA               | 4555S    | 07142W    | 522       |           | 949.4        | 1013.3         | .7          | -1.2   | 4.9            | -6     | 13            | 112   | 40     | 5        |          |          |
| 85934 PUNTA ARENAS            | 5300S    | 07051W    | 43        |           | 995.8        | 1001.0         | 1.5         | -5     | 5.5            | -3     | 9             | 33    | 3      | 4        | 141      | 120      |
| <b>PARAGUAY</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 86065 PRAT GILL               | 2242S    | 06130W    | 220       |           | 993.6        | 1017.1         | 17.4        |        | 10.5           |        | 1             | 4     |        | 4        | 226      |          |

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|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 86068 MARISCAL ESTIGARRIBIA        | 2201S    | 06036W    | 167       |           | 996.1        | 1015.8         | 18.8        | -2.5   | 10.6           | -2.9   | 1             | 4     | -17    | 2        | 225      |          |
| 86086 LA VICTORIA                  | 2217S    | 05756W    | 88        |           | 1007.3       | 1016.5         | 19.0        | -2.4   | 14.1           | -2.3   | 0             | 0     | -44    | 0        | 251      |          |
| 86097 PEDRO JUAN CABALLERO         | 2335S    | 05544W    | 652       |           | 952.1        | 1017.8         | 17.6        |        | 11.4           |        | 1             | 3     |        | 1        | 256      |          |
| 86128 POZO COLORADO                | 2327S    | 05852W    | 99        |           | 1004.5       | 1016.1         | 16.4        |        | 12.4           |        | 3             | 9     |        | 3        | 222      |          |
| 86134 CONCEPCION                   | 2325S    | 05718W    | 74        |           | 1007.7       | 1016.6         | 17.4        | -2.6   | 12.5           | -3.4   | 2             | 8     | -47    | 1        | 240      |          |
| 86170 GRAL. BRUGUEZ                | 2445S    | 05850W    | 89        |           | 1005.0       | 1015.6         | 15.8        |        | 11.5           |        | 1             | 32    |        | 4        | 212      |          |
| 86185 SAN PEDRO                    | 2404S    | 05705W    | 80        |           | 1007.8       | 1017.7         | 16.5        |        | 13.0           |        | 1             | 7     |        | 1        | 206      |          |
| 86192 SAN ESTANISLAO               | 2440S    | 05626W    | 183       |           | 997.4        | 1019.6         | 17.1        |        | 12.6           |        | 3             | 15    |        | 2        | 173      |          |
| 86210 SALTOS DEL GUAIRA            | 2403S    | 05419W    | 265       |           | 980.9        | 1016.0         | 17.0        |        | 12.9           |        | 2             | 6     |        | 1        | 241      |          |
| 86218 AEROPUERTO SILVIO PETTIROSSI | 2515S    | 05731W    | 101       |           | 1007.8       | 1017.7         | 16.3        | -2.3   | 12.2           | -2.6   | 2             | 52    | -25    | 3        | 212      |          |
| 86221 PARAGUARI                    | 2538S    | 05708W    | 116       |           | 1004.9       | 1018.8         | 15.9        |        | 12.5           |        | 4             | 61    |        | 3        | 162      |          |
| 86233 VILLARRICA                   | 2546S    | 05626W    | 161       |           | 997.8        | 1017.3         | 16.0        | -2.2   | 12.9           | -2.0   | 4             | 70    | -34    | 3        | 207      |          |
| 86234 CORONEL OVIEDO               | 2528S    | 05624W    | 159       |           | 994.7        | 1013.6         | 15.1        |        | 12.6           |        | 4             | 61    |        | 3        | 211      |          |
| 86246 AEROPUERTO INT. GUARANI      | 2521S    | 05427W    | 236       |           | 988.3        | 1017.8         | 15.5        |        | 13.6           |        | 4             | 76    |        | 3        | 215      |          |
| 86255 PILAR                        | 2651S    | 05819W    | 59        |           | 1011.1       | 1018.0         | 14.5        | -3.0   | 12.9           | -1.8   | 3             | 49    | 2      | 4        | 183      |          |
| 86260 SAN JUAN BAUTISTA MISIONES   | 2640S    | 05709W    | 126       |           | 1001.7       | 1016.7         |             |        | 12.5           | -1.3   | 6             | 70    | -14    | 3        | 189      |          |
| 86268 CAAZAPA                      | 2611S    | 05622W    | 142       |           | 1001.0       | 1017.9         | 15.2        |        | 13.6           |        | 9             | 113   |        | 3        | 211      |          |
| 86285 CAPITAN MEZA                 | 2656S    | 05512W    | 263       |           | 987.1        | 1016.4         | 13.6        |        | 13.2           |        | 11            | 138   |        | 5        | 195      |          |
| 86297 ENCARNACION                  | 2720S    | 05550W    | 91        |           | 1002.3       | 1013.1         | 14.4        | -2.2   | 13.0           | -1.3   | 9             | 111   | -5     | 4        |          |          |
| <b>URUGUAY</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 86330 ARTIGAS                      | 3023S    | 05630W    | 123       |           | 1004.8       | 1019.5         | 12.6        | -1.8   | 10.3           | -1.2   | 4             | 32    | -55    | 1        | 284      | 154      |
| 86350 RIVERA                       | 3053S    | 05532W    | 242       |           | 991.3        | 1020.2         | 11.5        |        | 9.8            |        | 6             | 59    |        | 2        | 189      | 115      |
| 86430 PAYSANDU                     | 3220S    | 05802W    | 61        |           |              | 1020.5         | 11.9        |        | 10.0           |        | 2             | 15    |        | 1        | 237      | 130      |
| 86440 MELO                         | 3222S    | 05611W    | 100       |           | 1007.9       | 1020.3         | 11.0        | -1.4   | 10.5           | -1.0   | 6             | 106   | -6     | 3        | 186      | 113      |
| 86460 PASO DE LOS TOROS            | 3248S    | 05631W    | 75        |           | 1010.2       | 1019.5         | 10.7        | -1.8   | 9.1            | -2.2   | 4             | 41    | -49    | 2        | 211      | 125      |
| 86490 MERCEDES                     | 3315S    | 05804W    | 22        |           | 1017.5       | 1019.7         | 10.6        | -1.5   | 8.5            | -2.1   | 4             | 30    | -35    | 2        | 189      | 113      |
| 86560 COLONIA                      | 3427S    | 05750W    | 22        |           | 1015.4       | 1017.7         | 10.9        | -1.3   | 8.6            | -2.5   | 2             | 30    | -46    | 2        |          |          |
| 86565 ROCHA                        | 3429S    | 05418W    | 18        |           | 1016.5       | 1018.8         | 10.6        | -0.8   | 9.2            | -2.4   | 5             | 82    | -29    | 3        | 208      | 130      |
| 86580 CARRASCO                     | 3450S    | 05600W    | 32        |           | 1015.4       | 1019.7         | 10.7        | -0.8   | 9.2            | -1.3   | 4             | 33    | -59    | 1        | 220      | 128      |
| <b>ARGENTINA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 87007 LA QUIACA OBSERVATORIO       | 2206S    | 06536W    | 3462      |           | 897.2        |                | 6.4         | .4     | 2.2            | -0.8   | 0             | 0     | -1     | 1        | 309      |          |
| 87016 ORAN AERO                    | 2309S    | 06419W    | 357       |           | 974.0        | 1015.3         | 15.3        | -1.6   | 8.1            | -4.8   | 0             | 0     | -6     | 1        | 190      | 110      |
| 87022 TARTAGAL AERO                | 2239S    | 06349W    | 450       |           | 963.1        | 1014.6         | 16.3        |        | 6.7            |        | 1             | 9     |        |          | 227      |          |
| 87046 JUJUY AERO                   | 2423S    | 06505W    | 921       |           | 914.0        |                | 13.6        |        | 6.6            |        | 0             | 0     |        | 1        | 254      | 120      |
| 87047 SALTA AERO                   | 2451S    | 06529W    | 1238      |           | 880.7        |                | 10.8        | -1.5   | 5.6            | -2.9   | 0             | 0     | -4     | 1        | 254      | 130      |
| 87078 LAS LOMITAS                  | 2442S    | 06035W    | 130       |           | 1001.7       | 1017.1         | 17.9        | -0.6   | 9.4            | -3.6   | 2             | 15    | -5     | 3        | 218      | 102      |
| 87097 IGUAZU AERO                  | 2544S    | 05428W    | 270       |           | 985.8        | 1017.7         | 15.1        |        | 14.2           |        | 5             | 75    |        | 2        | 168      | 80       |
| 87121 TUCUMAN AERO                 | 2651S    | 06506W    | 450       |           | 965.2        | 1017.4         | 14.1        |        | 7.5            |        | 0             | 0     |        |          | 203      |          |
| 87129 SANTIAGO DEL ESTERO AERO.    | 2746S    | 06418W    | 199       |           | 994.3        | 1018.1         | 13.5        | -1.5   | 6.6            | -3.0   | 0             | 0     | -4     | 1        | 218      |          |
| 87148 PRESIDENCIA ROQUE SAENZ PENA | 2644S    | 06029W    | 93        |           | 1006.6       | 1017.7         | 14.8        |        | 9.6            |        | 2             | 7     |        | 2        | 237      |          |
| 87155 RESISTENCIA AERO             | 2727S    | 05903W    | 53        |           | 1011.9       | 1018.1         | 14.5        |        | 11.2           |        | 2             | 15    |        | 3        | 177      | 85       |
| 87162 FORMOSA AERO                 | 2612S    | 05814W    | 60        |           | 1010.3       | 1017.5         | 15.4        | -2.3   | 11.9           | -3.2   | 5             | 52    | -8     | 4        | 199      | 111      |
| 87178 POSADAS AERO.                | 2722S    | 05558W    | 131       |           | 1003.5       | 1018.5         | 15.1        | -2.2   | 11.6           | -3.2   | 8             | 112   | 1      | 3        | 168      | 111      |

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| STATION                           | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 87217 LA RIOJA AERO.              | 2923S    | 06649W    | 438       |           | 966.2        | 1016.4         | 13.6        | -4     | 6.8            | -1.6   | 3             | 8     | 3      | 5        | 266      | 112      |
| 87222 CATAMARCA AERO.             | 2836S    | 06546W    | 454       |           |              | 1015.8         | 14.4        |        | 5.5            |        | 2             | 5     |        | 3        | 221      |          |
| 87244 VILLA DE MARIA DEL RIO SECO | 2954S    | 06341W    | 341       |           | 979.4        |                | 12.4        | -9     | 7.8            | -1.8   | 0             | 0     | -14    | 1        |          |          |
| 87257 CERES AERO                  | 2953S    | 06157W    | 88        |           | 1009.1       | 1019.8         | 13.2        | -6     | 6.8            | -4.6   | 0             | 0     | -23    | 1        | 243      | 121      |
| 87270 RECONQUISTA AERO            | 2911S    | 05942W    | 53        |           | 1012.7       | 1019.0         | 13.8        | -1.1   | 10.0           | -3.7   | 0             | 0     | -32    | 0        | 203      | 101      |
| 87289 PASO DE LOS LIBRES AERO     | 2941S    | 05709W    | 70        |           | 1010.8       | 1019.3         | 12.8        | -2.3   | 10.9           | -2.5   | 3             | 9     | -75    | 1        | 187      | 124      |
| 87305 JACHAL                      | 3015S    | 06845W    | 1175      |           | 885.4        |                | 10.8        |        | 5.0            |        | 0             | 0     |        | 3        | 259      |          |
| 87311 SAN JUAN AERO               | 3124S    | 06825W    | 598       |           |              | 1018.8         | 10.4        |        | 4.1            |        | 0             | 0     |        | 1        | 269      | 110      |
| 87320 CHAMICAL AERO               | 3022S    | 06617W    | 467       |           | 964.2        | 1018.6         | 13.5        | -6     | 6.4            | -1.6   | 1             | 4     | 0      | 2        | 272      |          |
| 87328 VILLA DOLORES AERO          | 3157S    | 06508W    | 569       |           | 953.0        | 1019.8         | 11.5        | -1.3   | 5.3            | -2.0   | 1             | 2     | -6     | 3        | 277      | 119      |
| 87344 CORDOBA AERO                | 3119S    | 06413W    | 484       |           | 960.9        | 1019.5         | 11.0        | -1.3   | 4.5            | -3.9   | 1             | 3     | -8     | 3        | 265      | 130      |
| 87349 PILAR OBSERVATORIO          | 3140S    | 06353W    | 338       |           | 979.7        | 1020.1         | 11.5        | -5     | 5.6            | -2.8   | 0             | 0     | -9     | 1        | 264      | 124      |
| 87374 PARANA AERO                 | 3147S    | 06029W    | 78        |           | 1010.7       | 1019.7         | 11.8        | -8     | 8.7            | -2.3   | 1             | 6     | -29    | 1        | 248      | 123      |
| 87393 MONTE CASEROS AERO          | 3016S    | 05739W    | 54        |           | 1012.9       | 1019.5         | 13.1        | -1.5   | 10.1           | -2.7   | 3             | 16    | -53    | 1        | 202      | 113      |
| 87395 CONCORDIA AERO              | 3118S    | 05801W    | 38        |           | 1015.1       | 1019.8         | 12.1        | -1.6   | 9.3            | -2.9   | 4             | 15    | -58    | 1        | 191      |          |
| 87418 MENDOZA AERO                | 3250S    | 06847W    | 705       |           | 936.2        | 1017.9         | 10.3        | .1     | 4.9            | -1.5   | 1             | 5     | 2      | 4        | 263      | 115      |
| 87436 SAN LUIS AERO               | 3316S    | 06621W    | 713       |           | 935.4        | 1018.0         | 12.0        | .4     | 4.8            | -2.0   | 0             | 0     | -8     | 1        | 268      | 113      |
| 87448 VILLA REYNOLDS AERO         | 3344S    | 06523W    | 486       |           | 961.9        | 1019.8         | 9.1         | -8     | 5.4            | -2.0   | 1             | 3     | -12    | 2        | 253      | 126      |
| 87453 RIO CUARTO AERO             | 3307S    | 06414W    | 421       |           | 968.9        | 1019.0         | 10.8        | -2     | 5.3            | -2.5   | 0             | 0     | -15    | 1        | 230      |          |
| 87467 MARCOS JUAREZ AERO          | 3242S    | 06209W    | 114       |           | 1006.5       | 1020.7         | 10.2        | -1.0   | 6.8            | -3.3   | 0             | 0     | -20    | 0        | 223      | 120      |
| 87480 ROSARIO AERO                | 3255S    | 06047W    | 25        |           | 1016.8       | 1019.9         | 10.8        | -7     | 7.9            | -2.6   | 0             | 0     | -36    | 0        | 240      | 127      |
| 87497 GUALEGUAYCHU AERO           | 3300S    | 05837W    | 23        |           | 1017.4       | 1020.0         | 11.1        | -1.0   | 8.6            | -2.5   | 2             | 24    | -32    | 2        | 220      | 137      |
| 87506 MALARGUE AERO               | 3530S    | 06935W    | 1426      |           | 858.9        |                | 5.3         | -1     | 3.9            | -1.4   | 4             | 8     | -8     | 3        | 254      |          |
| 87509 SAN RAFAEL AERO             | 3435S    | 06824W    | 748       |           | 931.5        | 1019.0         | 9.0         | -3     | 5.5            | -7     | 2             | 27    | 14     | 4        | 156      | 76       |
| 87532 GENERAL PICO AERO           | 3542S    | 06345W    | 145       |           | 1001.4       | 1019.0         | 9.8         | -3     | 6.2            | -2.2   | 1             | 4     | -18    | 2        | 177      | 112      |
| 87534 LABOULAYE AERO              | 3408S    | 06322W    | 137       |           | 1002.8       | 1019.5         | 9.5         | -9     | 5.9            | -2.6   | 0             | 0     | -19    | 1        | 244      | 121      |
| 87544 PEHUAJO AERO                | 3552S    | 06154W    | 87        |           | 1009.3       | 1020.4         | 10.0        | .4     | 7.3            | -2.0   | 0             | 0     | -29    | 1        | 231      |          |
| 87548 JUNIN AERO                  | 3433S    | 06055W    | 82        |           | 1009.3       | 1019.2         | 9.5         | -7     | 6.9            | -2.7   | 0             | 0     | -34    | 1        | 245      | 132      |
| 87576 EZEIZA AERO                 | 3449S    | 05832W    | 20        |           | 1017.8       | 1020.3         | 10.9        | .2     | 7.8            | -2.2   | 0             | 0     | -58    | 1        | 214      | 157      |
| 87593 LA PLATA AERO               | 3458S    | 05754W    | 21        |           | 1017.2       | 1020.0         | 9.7         | -7     | 8.7            | -1.8   | 1             | 5     | -60    | 1        | 224      | 139      |
| 87623 SANTA ROSA AERO             | 3634S    | 06416W    | 191       |           | 996.1        | 1019.2         | 9.9         | .6     | 5.0            | -2.9   | 1             | 7     | -16    | 3        | 215      | 120      |
| 87640 BOLIVAR AERO                | 3612S    | 06104W    | 94        |           | 1008.5       | 1020.0         | 8.9         |        | 6.7            |        | 1             | 2     |        |          | 219      |          |
| 87641 AZUL AERO                   | 3650S    | 05953W    | 147       |           | 1001.5       | 1019.5         | 7.4         |        | 6.5            |        | 1             | 2     |        | 1        | 211      | 125      |
| 87645 TANDIL AERO                 | 3714S    | 05915W    | 175       |           | 997.6        | 1019.0         | 6.7         |        | 6.3            |        | 1             | 5     |        | 0        | 203      | 120      |
| 87648 DOLORES AERO                | 3621S    | 05744W    | 10        |           | 1018.6       | 1019.8         | 8.6         | -8     | 7.6            | -2.2   | 1             | 3     | -51    | 1        | 91       | 58       |
| 87688 TRES ARROYOS                | 3820S    | 06015W    | 115       |           | 1004.4       | 1018.6         | 8.3         |        | 6.6            |        | 4             | 9     |        | 1        |          |          |
| 87692 MAR DEL PLATA AERO          | 3756S    | 05735W    | 21        |           | 1015.6       | 1018.2         | 7.8         | -1.1   | 7.4            | -1.9   | 5             | 16    | -48    | 1        | 127      | 98       |
| 87715 NEUQUEN AERO                | 3857S    | 06808W    | 271       |           | 985.5        | 1018.4         | 8.0         | .0     | 5.2            | -7     | 0             | 0     | -11    | 0        | 196      | 105      |
| 87750 BAHIA BLANCA AERO           | 3844S    | 06210W    | 83        |           | 1007.7       | 1017.9         | 8.9         | -2     | 6.0            | -1.7   | 2             | 4     | -23    | 0        | 213      | 125      |
| 87765 BARILOCHE AERO              | 4109S    | 07110W    | 845       |           | 919.6        |                | 2.5         | -5     | 5.5            | -7     | 14            | 188   | 73     | 5        | 151      | 97       |
| 87784 SAN ANTONIO OESTE AERO      | 4047S    | 06506W    | 20        |           | 1014.4       | 1016.9         | 9.4         | -4     | 5.5            | -1.6   | 1             | 6     | -13    | 1        | 177      |          |
| 87791 VIEDMA AERO                 | 4051S    | 06301W    | 7         |           | 1014.1       | 1015.1         | 8.7         |        | 6.4            |        | 3             | 14    |        | 3        | 221      | 125      |
| 87803 ESQUEL AERO                 | 4256S    | 07109W    | 799       |           | 920.2        | 1014.7         | 2.8         | -3     | 5.4            | .0     | 14            | 80    | 23     | 4        | 169      |          |
| 87828 TRELEW AERO                 | 4312S    | 06516W    | 43        |           | 1007.6       | 1012.9         | 7.6         | -2     | 5.7            | -1     | 7             | 22    | 9      | 4        | 161      | 93       |
| 87852 PERITO MORENO AERO          | 4631S    | 07101W    | 429       |           | 958.0        | 1010.1         | 2.7         |        | 5.2            |        | 6             | 50    |        |          |          |          |
| 87860 COMODORO RIVADAVIA AERO     | 4547S    | 06730W    | 58        |           | 1004.1       | 1009.7         | 7.2         | -5     | 5.4            | -3     | 7             | 61    | 36     | 5        | 163      | 120      |

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| STATION                                  | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 87896 PUERTO DESEADO AERO                | 4744S    | 06555W    | 81        |           | 998.8        | 1008.1         | 4.4         | -7     | 5.8            | -5     | 7             | 55    | 40     | 5        | 101      | 102      |
| 87904 EL CALAFATE AERO                   | 5016S    | 07203W    | 204       |           | 980.7        | 1005.8         | 1.9         |        | 5.0            |        | 2             | 3     |        |          | 176      |          |
| 87909 SAN JULIAN AERO                    | 4919S    | 06745W    | 62        |           | 998.8        | 1006.4         | 3.9         |        | 5.2            |        | 1             | 2     |        | 1        | 125      |          |
| <b>87925 RIO GALLEGOS AERO</b>           | 5137S    | 06917W    | 20        |           | 1000.7       | 1003.0         | 2.1         | -9     | 4.9            | -8     | 1             | 7     | -4     | 2        | 159      |          |
| 87938 USHUAIA AERO                       | 5448S    | 06819W    | 57        |           | 990.9        | 997.8          | 1.6         | -6     | 5.2            | -6     | 10            | 23    | -22    | 1        | 82       |          |
| <b>ISLANDS</b>                           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 88900 BIRD ISLAND, SOUTH GEORGIA         | 5400S    | 03803W    | 2         |           | 995.8        | 996.1          | -4          |        | 5.3            |        |               |       |        |          |          |          |
| 88903 GRYTVIKEN,                         | 5416S    | 03630W    | 3         |           | 991.5        | 991.7          | -1          |        | 4.6            |        |               |       |        |          |          |          |
| <b>ANTARCTICA</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>ARGENTINA (ANTARCTIC)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>88963 BASE ESPERANZA</b>              | 6324S    | 05659W    | 24        |           | 989.8        | 992.9          | -10.7       | -2     | 2.3            |        | 5             | 16    | -56    | 1        | 55       |          |
| <b>88968 BASE ORCADAS</b>                | 6044S    | 04444W    | 8         |           | 992.9        | 994.5          | -9.6        | -1.0   | 2.9            |        | 13            | 121   | 70     | 6        | 49       |          |
| 89034 BASE BELGRANO II                   | 7752S    | 03437W    | 256       |           | 962.9        | 996.6          | -18.2       |        | 1.1            |        | 5             | 31    |        |          |          |          |
| 89053 BASE JUBANY                        | 6214S    | 05838W    | 11        |           | 991.3        | 992.7          | -7.5        |        | 3.1            |        | 5             | 29    |        |          | 25       |          |
| 89055 BASE MARAMBIO (CENTRO MET. A       | 6414S    | 05643W    | 208       |           | 967.5        | 993.1          | -14.2       |        | 1.9            |        | 3             | 7     |        |          | 39       |          |
| 89066 BASE SAN MARTIN                    | 6807S    | 06708W    | 7         |           | 988.6        | 989.5          | -10.5       |        | 2.6            |        | 3             | 13    |        |          | 32       |          |
| <b>AUSTRALIA (ANTARCTIC)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>89564 MAWSON</b>                      | 6736S    | 06252E    | 16        |           | 995.9        | 998.0          | -17.8       |        | .8             |        |               |       |        |          | 71       |          |
| <b>89571 DAVIS</b>                       | 6835S    | 07758E    | 23        |           | 993.0        | 996.1          | -18.8       |        | 1.0            |        | 4             | 9     | 5      | 4        | 61       |          |
| 89577 DOME A                             | 8022S    | 07722E    | 4084      |           | 607.4        |                |             |        |                |        |               |       |        |          |          |          |
| 89578 EAGLE                              | 7625S    | 07701E    | 2824      |           | 686.6        |                | -48.2       |        |                |        |               |       |        |          |          |          |
| <b>89611 CASEY</b>                       | 6617S    | 11030E    | 42        |           | 984.3        | 989.8          | -16.1       |        | 1.4            |        | 1             | 4     |        |          |          |          |
| <b>CHILE (ANTARCTIC)</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>89056 CENTRO MET. ANTARTICO PDTE.</b> | 6211S    | 05859W    | 48        |           | 986.8        | 991.6          | -8.0        |        | 3.0            | -1     | 8             | 17    |        | 1        |          |          |
| 89057 BASE ARTURO PRAT                   | 6230S    | 05941W    | 5         |           | 991.3        | 991.9          | -8.0        | -1.3   | 2.9            | -2     |               |       |        |          |          |          |
| 89059 BASE BERNARDO O'HIGGINS            | 6319S    | 05641W    | 10        |           | 989.7        | 991.2          | -7.5        | .9     | 2.8            | .2     | 5             | 20    | -47    | 1        | 27       |          |
| <b>CHINA (ANTARCTIC)</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89058 GREAT WALL                         | 6213S    | 05858W    | 10        |           | 989.8        | 991.9          | -8.1        |        | 3.3            |        |               |       |        |          |          |          |
| <b>89573 ZHONGSHAN</b>                   | 6922S    | 07622E    | 18        |           | 995.3        | 997.7          | -17.8       |        | .9             |        |               |       |        |          |          |          |
| <b>FRANCE (ANTARCTIC)</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>89642 DUMONT D'URVILLE</b>            | 6639S    | 14000E    | 43        |           | 987.4        | 993.1          | -16.7       |        | 1.5            |        |               |       |        |          | 59       |          |
| <b>GERMANY (ANTARCTIC)</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |



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| STATION  | LATITUDE  | LONGITUDE  | ELEVATION                                  | DAYS OBS. | PRESSURE  |   | TEMPERATURE   |        | VAPOR PRESSURE                |        | PRECIPITATION |       |        |          | SUNSHINE |          |  |
|--|---|--|--|-----------|---|---|---|--------|-------------------------------|--------|---------------|-------|--------|----------|----------|----------|--|
|  |   |  |  |           | MEAN STATION  | MEAN SEA LEVEL  | MEAN  | DEPART | MEAN                          | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |  |
| 89002 NEUMAYER   | 7040S   | 00815W   | 50   |           | 987.0   | 992.3   | -21.5   |        | 1.0                           |        |               |       |        |          |          | 045      |  |
| <b>INDIA (ANTARCTIC)</b><br>89514 MAITRI   | 7046S   | 01145E   |  |           | 974.6   | 991.9   | -18.0   |        |                               |        |               |       |        |          |          |          |  |
| <b>ITALY (ANTARCTIC)</b><br>89661 CAPE PHILLIPS  | 7331S   | 16940E   | 569  |           | 927.3   | 999.7   | -23.8   |        |                               |        |               |       |        |          |          |          |  |
| <b>JAPAN (ANTARCTIC)</b><br>89532 SYOWA  | 6900S   | 03935E   | 21   |           | 991.3   | 994.2   | -16.4   | 3.3    | 1.4                           | .4     |               |       |        |          |          | 53       |  |
| <b>KOREA (ANTARCTIC)</b><br>89251 KING SEJONG  | 6213S   | 05845W   | 11   |           | 989.1   | 990.5   | -7.8  |        | 3.3                           |        |               |       |        |          |          |          |  |
| <b>NORWAY (ANTARCTIC)</b><br>89504 TROLL   | 7201S   | 00223E   | 1284                                       |           | 838.4   | 997.7   | -25.3   |        | .5                            |        | 3             | 10    |        |          |          |          |  |
| <b>UKRAINE (ANTARCTIC)</b><br>89063 VERNADSKY  | 6515S   | 06416W   | 11   |           | 988.8   | 989.9   | -7.7  |        | 3.1                           |        | 7             | 23    |        |          |          |          |  |
| <b>UNITED KINGDOM (ANTARCTIC)</b><br>89022 HALLEY<br>89062 ROTHERA<br>89065 FOSSIL BLUFF   | 7535S<br>6734S<br>7120S                                     | 02639W<br>06808W<br>06817W   | 35<br>33<br>69                             |           | 991.6<br>984.0<br>979.9                                     | 995.8<br>988.2<br>988.0                                     | -29.1<br>-9.5<br>-14.2                                    |        | .6<br>2.3<br>1.7              |        |               |       |        |          |          | 048      |  |
| <b>URUGUAY (ANTARCTIC)</b><br>89054 DINAMET-URUGUAY  | 6211S   | 05851W   | 17   |           | 989.1   | 991.3   | -7.7  |        | 3.6                           |        | 3             | 7     |        |          |          |          |  |
| <b>USA (ANTARCTIC)</b><br>89009 AMUNDSEN-SCOTT<br>89061 PALMER STATION<br>89257 UNI. WI ID 8925- LIMBERT AWS<br>89262 UNI. WI ID 8926-LARSEN ICE S<br>89266 UNI. WI ID 8902 - BUTLER IS.<br>89272 UNI. WI ID 8917 - SKI-BLU<br>89664 MCMURDO | 9000S<br>6446S<br>7525S<br>6657S<br>7212S<br>7447S<br>7751S | 00000W<br>06405W<br>05957W<br>06055W<br>06009W<br>07029W<br>16640E | 2835<br>8<br>59<br>45<br>115<br>1589<br>24 |           | 684.6<br>988.9<br>986.7<br>987.2<br>978.0<br>805.8<br>992.1 | 995.8<br>989.9<br>992.2<br>992.7<br>993.2<br>993.2<br>992.1 | -53.3<br>-6.6<br>-28.3<br>-9.5<br>-20.7<br>-28.9<br>-23.6 | 6.2    | 3.3<br>.7<br>2.3<br>1.1<br>.5 |        |               |       |        |          |          |          |  |
| <b>NETHERLANDS (ANTARCTIC)</b><br>89003 HALVFARRYGGEN EP11   | 7109S   | 00641W   | 694  |           | 904.6   |   |   |        |                               |        |               |       |        |          |          |          |  |

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| STATION  | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|  |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>SOUTH AFRICA (ANTARTIC)</b><br>89004 S.A.N.A.E. AWS         | 7142S    | 00248W    | 817       |           | 886.9        | 994.6          | -22.1       |        | .6             |        |               |       |        |          |          |          |
| <b>RUSSIAN FEDER. ANTARCTICA</b><br>89050 BELLINGSHAUSEN AWS   | 6212S    | 05856W    | 16        |           | 990.0        | 991.9          | -8.1        |        | 3.1            |        | 17            | 95    |        |          | 31       |          |
| <b>NETHERLANDS (ANTARCTIC)</b><br>89507 KOHNEN EP9             | 7500S    | 00000W    | 2892      |           | 678.4        |                | -51.5       |        |                |        |               |       |        |          |          |          |
| <b>RUSSIAN FEDER. ANTARCTICA</b><br>89512 NOVOLAZAREVSKAJA     | 7046S    | 01150E    | 119       |           | 977.3        | 992.8          | -16.6       |        | .9             |        | 5             | 62    |        |          | 67       |          |
| 89574 PROGRESS   | 6924S    | 07624E    | 15        |           | 995.4        | 997.4          | -17.5       |        | 1.0            |        | 2             | 8     |        |          | 42       |          |
| 89592 MIRNYJ   | 6633S    | 09301E    | 40        |           | 986.5        | 992.4          | -17.1       |        | 1.3            |        | 9             | 33    |        |          |          |          |
| 89606 VOSTOK   | 7827S    | 10650E    | 3488      |           | 629.0        | 1017.6         | -62.9       |        | .0             |        | 1             | 3     | -1     | 1        | 000      |          |
| <b>SW PACIFIC</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MALAYSIA (PENIN. MALAYSIA)</b><br>48601 PENANG/BAYAN LEPAS  | 0518N    | 10010E    | 4         |           | 1008.9       | 1009.3         | 28.1        | 1.3    | 30.4           | .5     | 17            | 209   | -33    | 2        |          |          |
| 48615 KOTA BHARU   | 0610N    | 10210E    | 5         |           | 1008.3       | 1008.9         | 27.3        | .4     | 29.7           | .4     | 11            | 126   | -46    | 2        |          |          |
| 48647 KUALA LUMPUR/SUBANG                                      | 0307N    | 10130E    | 27        |           | 1006.7       | 1009.2         | 28.2        | 1.6    | 29.2           | .6     | 10            | 107   | -38    | 2        |          |          |
| 48657 KUANTAN  | 0347N    | 10310E    | 16        |           | 1007.4       | 1009.2         | 27.3        | 1.0    | 29.6           | .5     | 11            | 165   | -8     | 3        |          |          |
| 48665 MALACCA  | 0216N    | 10210E    | 9         |           | 1008.9       | 1009.9         | 27.7        | 1.3    | 29.8           | .2     | 9             | 104   | -60    | 1        |          |          |
| <b>SINGAPORE</b><br>48698 SINGAPORE/CHANGI AIRPORT             | 0122N    | 10350E    | 16        |           | 1008.0       | 1009.8         | 27.9        | .9     | 29.9           | .2     | 12            | 180   | 37     | 3        | 190      | 106      |
| <b>USA (PACIFIC OCEAN NORTH)</b><br>91165 LIHUE, KAUAI, HAWAII | 2159N    | 15920W    | 32        |           | 1011.7       | 1017.0         | 26.2        | -2     | 24.6           |        | 8             | 19    | -25    | 2        |          |          |
| 91182 HONOLULU, OAHU, HAWAII                                   | 2121N    | 15750W    | 5         |           | 1015.4       | 1016.1         | 27.3        | -1     | 21.2           |        | 1             | 3     | -8     | 3        |          |          |
| 91212 NWSO AGANA, GUAM, MARIANA IS                             | 1328N    | 14440E    | 75        |           | 1002.0       | 1010.3         | 28.1        | .5     | 30.2           |        | 21            | 275   | -73    | 2        |          |          |
| 91285 HILO/GEN. LYMAN, HAWAII, HAW                             | 1943N    | 15500W    | 11        |           | 1015.2       | 1016.2         | 24.7        | .1     | 22.4           |        | 22            | 225   | -12    | 4        |          |          |
| 91334 CHUUK, ECI   | 0727N    | 15150E    | 4         |           |              |                | 27.8        | .4     |                |        |               | 260   | -89    | 2        |          |          |
| 91348 POHNPEI, CAROLINE IS.                                    | 0658N    | 15810E    | 38        |           |              |                | 27.9        | .9     |                |        |               | 137   | -282   | 1        |          |          |
| 91366 KWAJALEIN/BUCHOLZ AAF, MARSH                             | 0844N    | 16740E    | 8         |           |              |                | 28.8        | .9     |                |        |               | 140   | -116   | 2        |          |          |
| 91376 MAJUORO/MARSHALL IS. INTNL.                              | 0705N    | 17120E    | 3         |           |              |                | 28.1        | .7     |                |        |               | 194   | -98    | 2        |          |          |
| 91408 KOROR, PALAU WCI.  | 0720N    | 13420E    | 30        |           |              |                | 27.4        | -1     |                |        |               | 339   | -40    | 3        |          |          |
| 91413 YAP, CAROLINE IS.  | 0929N    | 13800E    | 16        |           |              |                | 28.5        | 1.4    |                |        |               | 322   | -64    | 4        |          |          |

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|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| <b>NEW CALEDONIA</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91577 KOUMAC (NLLE-CALEDONIE)      | 2034S    | 16417E    | 24        |           | 1012.8       | 1014.9         | 20.2        | .1     | 17.8           |        | 3             | 18    | -25    | 0        |          |          |
| 91592 NOUMEA (NLLE-CALEDONIE)      | 2217S    | 16627E    | 72        |           | 1008.1       | 1016.4         | 19.8        | .1     | 16.1           |        | 10            | 57    | -13    |          |          |          |
| <b>FIJI</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91652 UDU POINT AWS                | 1608S    | 17950W    | 63        |           |              | 1013.7         | 25.4        |        | 27.5           |        | 12            | 87    |        | 3        |          |          |
| 91680 NADI AIRPORT                 | 1745S    | 17720E    | 18        |           |              | 1013.3         | 24.3        | .7     | 23.5           |        | 8             | 11    | -48    | 2        | 232      | 100      |
| 91683 NAUSORI                      | 1803S    | 17830E    | 7         |           |              | 1013.8         | 23.6        |        | 25.3           |        | 14            | 149   |        | 4        |          |          |
| 91699 ONO-I-LAU AWS                | 2040S    | 17840W    | 28        |           |              | 1015.4         | 24.2        |        | 21.5           |        | 9             | 118   |        | 4        |          |          |
| <b>DETACHED ISLANDS</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91753 HIHIFO (ILE WALLIS)          | 1314S    | 17611W    | 27        |           | 1008.2       | 1011.4         | 27.1        |        | 30.0           |        | 16            | 200   |        |          | 169      |          |
| <b>SAMOA AND AMERICAN SAMOA</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91765 PAGO PAGO/INT.AIRP.          | 1420S    | 17040W    | 6         |           |              |                | 27.0        |        |                |        |               | 461   |        | 6        |          |          |
| <b>FRENCH POLY. (MARQUESAS IS)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91925 ATUONA                       | 0949S    | 13902W    | 53        |           | 1006.4       | 1012.5         | 25.0        |        | 24.9           |        | 14            | 89    | -23    |          | 189      | 87       |
| <b>FRENCH POLY. (SOCIETY IS)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91929 BORA-BORA                    | 1627S    | 15145W    | 3         |           | 1013.9       | 1014.2         | 25.5        |        | 23.5           |        | 6             | 54    |        |          |          |          |
| 91938 TAHITI-FAAA                  | 1733S    | 14937W    | 2         |           | 1014.5       | 1014.7         | 24.2        |        | 21.4           |        | 4             | 21    | -27    |          | 270      | 108      |
| <b>FRENCH POLY. (TUAMOTU IS)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91943 TAKAROA                      | 1429S    | 14502W    | 3         |           | 1013.6       | 1013.9         | 25.9        |        | 25.5           |        | 8             | 101   | 34     | 0        |          |          |
| 91945 HERETHERETUE                 | 1954S    | 14557W    | 3         |           | 1015.8       | 1016.2         | 22.7        |        | 20.5           |        | 1             | 3     |        | 0        |          |          |
| 91948 RIKITEA                      | 2308S    | 13458W    | 91        |           | 1006.1       | 1016.5         | 19.7        |        | 17.9           |        | 15            | 136   | -59    |          | 124      | 73       |
| <b>FRENCH POLY. (AUSTRAL IS)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91958 RAPA                         | 2737S    | 14420W    | 2         |           | 1016.6       | 1016.8         | 17.5        |        | 14.2           |        | 14            | 137   |        |          | 144      |          |
| <b>NEW ZEALAND</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 93012 KAITAIA                      | 3506S    | 17310E    | 54        |           |              |                | 13.1        |        | 12.2           |        | 18            | 127   | -24    | 3        | 153      | 95       |
| 93292 GISBORNE AERODROME AWS       | 3839S    | 17750E    | 5         |           |              | 1013.3         | 11.7        | 1.6    | 11.3           |        | 16            | 218   | 111    | 6        | 170      |          |
| 93309 NEW PLYMOUTH AWS             | 3901S    | 17410E    | 32        |           |              | 1013.0         | 11.9        |        | 11.5           |        | 15            | 97    |        | 3        | 175      |          |
| 93420 PARAPARAUMU AERO AWS         | 4054S    | 17450E    | 7         |           |              | 1012.9         | 10.6        |        | 11.3           |        | 12            | 70    |        | 3        | 147      |          |
| 93615 HOKITIKA AERODROME AWS       | 4243S    | 17050E    | 45        |           |              | 1012.2         | 10.0        |        | 10.2           |        | 19            | 199   |        | 2        | 132      |          |
| 93678 KAIKOURA                     | 4225S    | 17340E    | 105       |           |              | 1011.8         | 10.5        |        | 9.1            |        | 8             | 55    |        | 4        |          |          |

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|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 93747 TARA HILLS AWS               | 4431S    | 16950E    | 488       |           |              |                | 6.6         |        | 6.9            |        | 4             | 14    |        | 1        |          |          |
| 93845 INVERCARGILL AERO AWS        | 4625S    | 16820E    | 2         |           |              | 1009.2         | 8.0         |        | 8.6            |        | 9             | 44    |        | 1        |          |          |
| 93947 CAMPBELL ISLAND AWS          | 5233S    | 16900E    | 19        |           |              | 1005.7         | 6.4         |        | 8.4            |        | 21            | 121   |        | 4        |          |          |
| 93994 RAOUL ISLAND, KERMADEC IS. A | 2915S    | 17750W    | 49        |           |              | 1015.6         | 17.0        |        | 15.4           |        | 16            | 141   |        | 3        |          |          |
| <b>AUSTRALIA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 94100 KALUMBURU                    | 1418S    | 12630E    | 29        |           |              | 1010.7         | 1013.4      | 24.2   | 13.9           |        |               |       |        |          |          |          |
| 94120 DARWIN AIRPORT               | 1225S    | 13050E    | 35        |           |              | 1009.1         | 1013.1      | 25.7   | 19.1           |        | 1             | 2     | -5     | 4        | 328      | 104      |
| 94131 TINDAL RAAF                  | 1431S    | 13220E    | 135       |           |              | 998.1          | 1013.6      | 23.4   | 11.3           |        | 0             | 0     |        |          |          |          |
| 94150 GOVE AIRPORT                 | 1217S    | 13640E    | 54        |           |              | 1007.6         | 1013.7      | 23.4   | 20.7           |        | 1             | 3     |        |          |          |          |
| 94170 WEIPA AERO                   | 1241S    | 14150E    | 19        |           |              | 1011.4         | 1013.6      | 25.5   | 18.7           |        |               |       |        |          | 314      | 115      |
| 94203 BROOME AIRPORT               | 1757S    | 12210E    | 17        |           |              | 1013.4         | 1014.4      | 22.6   | 15.6           |        | 0             | 0     | -1     | 1        | 335      |          |
| 94212 HALLS CREEK AIRPORT          | 1814S    | 12740E    | 424       |           |              | 966.2          | 1014.4      | 23.8   | 5.3            |        | 0             | 0     | -2     | 1        |          |          |
| 94238 TENNANT CREEK MET OFFICE     | 1938S    | 13410E    | 377       |           |              | 972.7          | 1015.9      | 22.9   | 5.2            |        | 0             | 0     | -2     | 1        | 336      | 104      |
| 94260 BURKETOWN AIRPORT            | 1745S    | 13930E    | 6         |           |              | 1014.3         | 1015.0      | 23.3   | 12.5           |        | 0             | 0     |        |          |          |          |
| 94274 GEORGETOWN AIRPORT           | 1818S    | 14330E    | 303       |           |              | 980.4          | 1015.1      | 22.1   | 9.1            |        | 0             | 0     |        |          |          |          |
| 94287 CAIRNS AERO                  | 1653S    | 14540E    | 8         |           |              | 1015.6         | 1016.5      | 22.0   | 17.4           |        | 2             | 3     | -19    | 1        | 300      | 121      |
| 94294 TOWNSVILLE AERO              | 1915S    | 14640E    | 9         |           |              | 1016.3         | 1017.4      | 20.7   | 17.2           |        | 0             | 0     | -13    | 1        | 317      | 114      |
| 94299 WILLIS ISLAND                | 1618S    | 14950E    | 9         |           |              | 1015.0         | 1016.1      | 24.6   | 19.3           |        | 1             | 4     | -26    | 2        |          |          |
| 94300 CARNARVON AIRPORT            | 2453S    | 11340E    | 8         |           |              | 1017.4         | 1018.3      | 18.8   | 12.6           |        | 0             | 0     | -18    | 0        |          |          |
| 94302 LEARMONTH AIRPORT            | 2214S    | 11400E    | 6         |           |              | 1016.3         | 1016.9      | 19.3   | 11.3           |        |               |       |        |          |          |          |
| 94312 PORT HEDLAND AIRPORT         | 2022S    | 11830E    | 10        |           |              | 1014.5         | 1015.5      | 21.9   | 11.6           |        |               |       |        |          |          |          |
| 94313 WITTENOOM                    | 2215S    | 11820E    | 464       |           |              |                |             | 21.2   |                |        | 0             | 0     |        | 3        |          |          |
| 94317 NEWMAN AERO                  | 2325S    | 11940E    | 526       |           |              | 957.0          | 1017.3      | 18.3   | 6.0            |        | 0             | 0     |        |          |          |          |
| 94326 ALICE SPRINGS AIRPORT        | 2348S    | 13350E    | 547       |           |              | 955.2          | 1018.7      | 16.8   | 5.6            |        | 0             | 0     | -11    | 1        | 332      | 112      |
| 94332 MOUNT ISA AERO               | 2041S    | 13920E    | 342       |           |              | 977.0          | 1016.4      | 19.7   | 5.7            |        |               |       |        |          |          |          |
| 94340 RICHMOND POST OFFICE         | 2044S    | 14300E    | 214       |           |              |                |             | 20.8   |                |        | 0             | 0     |        | 3        |          |          |
| 94346 LONGREACH AERO               | 2326S    | 14410E    | 192       |           |              | 994.7          | 1017.4      | 18.5   | 5.2            |        | 0             | 0     | -14    | 1        |          |          |
| 94367 MACKAY MO                    | 2107S    | 14910E    | 33        |           |              | 1013.7         | 1018.0      | 19.2   | 16.9           |        |               |       |        |          |          |          |
| 94374 ROCKHAMPTON AERO             | 2323S    | 15020E    | 14        |           |              | 1016.3         | 1018.1      | 19.0   | 13.0           |        | 0             | 0     | -29    | 1        |          |          |
| 94380 GLADSTONE RADAR              | 2351S    | 15110E    | 75        |           |              | 1009.6         | 1018.4      | 20.6   | 14.8           |        | 0             | 0     |        | 0        |          |          |
| 94403 GERALDTON AIRPORT            | 2848S    | 11440E    | 37        |           |              | 1015.4         | 1019.0      | 15.9   | 12.7           |        | 9             | 73    | 7      | 1        |          |          |
| 94430 MEEKATHARRA AIRPORT          | 2637S    | 11830E    | 522       |           |              | 958.4          | 1018.6      | 16.2   | 7.1            |        | 0             | 0     | -12    | 1        |          |          |
| 94461 GILES METEOROLOGICAL OFFICE  | 2502S    | 12810E    | 599       |           |              | 949.1          | 1018.1      | 17.9   | 5.0            |        | 0             | 0     | -10    | 1        | 326      | 109      |
| 94476 OODNADATTA AIRPORT           | 2733S    | 13520E    | 118       |           |              | 1004.3         | 1018.3      | 17.7   | 6.5            |        | 0             | 0     |        |          |          |          |
| 94480 MARREE                       | 2939S    | 13800E    | 51        |           |              |                |             | 15.9   |                |        | 0             | 0     |        | 1        |          |          |
| 94485 TIBOOURRA POST OFFICE        | 2926S    | 14200E    | 184       |           |              |                |             | 15.9   |                |        | 0             | 0     | -12    | 1        |          |          |
| 94510 CHARLEVILLE AERO             | 2625S    | 14610E    | 306       |           |              | 982.6          | 1018.5      | 15.4   | 5.9            |        | 0             | 0     | -22    | 1        |          |          |
| 94517 ST GEORGE AIRPORT            | 2803S    | 14830E    | 200       |           |              | 994.5          | 1018.2      | 15.1   | 6.8            |        | 1             | 2     |        |          |          |          |
| 94568 AMBERLEY AMO                 | 2738S    | 15240E    | 31        |           |              | 1014.6         | 1017.7      | 15.2   | 10.0           |        | 1             | 6     | -40    | 1        |          |          |
| 94570 TEWANTIN RSL PARK            | 2623S    | 15300E    | 7         |           |              | 1017.0         | 1017.8      | 17.8   | 13.7           |        | 01            | 1     |        |          |          |          |
| 94578 BRISBANE AERO                | 2723S    | 15300E    | 10        |           |              | 1016.5         | 1017.6      | 16.6   | 12.2           |        | 0             | 0     | -46    | 0        | 314      | 120      |
| 94589 YAMBA PILOT STATION          | 2926S    | 15320E    | 30        |           |              | 1013.4         | 1016.9      | 16.6   | 12.6           |        | 2             | 6     |        | 1        |          |          |
| 94601 CAPE LEEUWIN                 | 3422S    | 11500E    | 14        |           |              | 1013.9         | 1015.6      | 15.6   | 12.9           |        | 25            | 139   |        | 3        |          |          |
| 94602 ROTTNESST ISLAND             | 3201S    | 11530E    | 43        |           |              | 1012.1         | 1017.3      | 16.7   | 15.7           |        | 16            | 94    |        |          |          |          |
| 94610 PERTH AIRPORT                | 3156S    | 11550E    | 20        |           |              | 1015.4         | 1017.8      | 15.1   | 12.6           |        | 17            | 151   | 40     | 5        | 211      |          |

# SURFACE

# AUGUST 2013

| STATION                                 | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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>94637 KALGOORLIE-BOULDER AIRPORT</b> | 3047S    | 12120E    | 370       |           | 974.6        | 1018.3         | 14.1        |        | 8.3            |        | 2             | 11    | -9     | 2        |          |          |
| <b>94638 ESPERANCE</b>                  | 3350S    | 12150E    | 27        |           | 1012.6       | 1015.9         | 14.9        |        | 11.6           |        | 17            | 145   | 60     | 1        |          |          |
| 94647 EUCLA                             | 3141S    | 12850E    | 102       |           | 1006.1       | 1017.3         | 15.7        |        | 9.9            |        |               | 2     |        | 1        |          |          |
| <b>94653 CEDUNA AMO</b>                 | 3208S    | 13340E    | 24        |           | 1015.4       | 1017.3         | 14.1        |        | 10.4           |        | 5             | 21    | -13    | 2        |          |          |
| 94655 TARCOOLA AERO                     | 3043S    | 13430E    | 125       |           | 1003.7       | 1018.5         | 14.8        |        | 8.7            |        | 1             | 2     |        |          |          |          |
| 94659 WOOMERA AERODROME                 | 3109S    | 13640E    | 168       |           | 998.0        | 1018.2         | 14.9        |        | 8.2            |        | 4             | 7     | -7     | 2        |          |          |
| 94672 ADELAIDE AIRPORT                  | 3457S    | 13830E    | 8         |           | 1014.7       | 1015.7         | 13.0        |        | 11.1           |        | 16            | 62    | 12     | 4        | 173      | 95       |
| 94681 NURIOOTPA VITICULTURAL            | 3429S    | 13900E    | 276       |           | 983.3        | 1016.4         | 10.8        |        | 10.0           |        | 14            | 64    | 1      | 1        |          |          |
| <b>94693 MILDURA AIRPORT</b>            | 3414S    | 14200E    | 53        |           | 1009.9       | 1016.3         | 12.9        |        | 8.6            |        | 4             | 9     | -19    | 1        | 229      | 110      |
| 94709 WYALONG POST OFFICE               | 3355S    | 14710E    | 245       |           |              |                | 10.9        |        |                |        | 5             | 25    |        | 1        |          |          |
| <b>94711 COBAR MO</b>                   | 3129S    | 14550E    | 264       |           | 986.7        | 1018.1         | 13.5        |        | 7.3            |        | 0             | 0     | -32    | 0        |          |          |
| 94730 BATHURST AGRICULTURAL STATIO      | 3326S    | 14930E    | 713       |           |              |                | 8.1         |        |                |        | 6             | 24    |        | 1        |          |          |
| 94738 SCONE SCS                         | 3204S    | 15050E    | 216       |           |              |                |             |        |                |        | 1             | 2     |        | 1        |          |          |
| 94740 GUNNEDAH SCS                      | 3102S    | 15010E    | 307       |           |              |                | 13.1        |        |                |        | 3             | 8     |        | 1        |          |          |
| 94750 NOWRA RAN AIR STATION AWS         | 3457S    | 15030E    | 122       |           | 1001.8       | 1014.4         | 13.4        |        | 8.5            |        |               |       |        |          |          |          |
| 94767 SYDNEY AIRPORT AMO                | 3356S    | 15110E    | 6         |           | 1014.6       | 1015.2         | 15.8        |        | 8.4            |        | 2             | 16    | -74    | 1        | 278      | 115      |
| 94776 WILLIAMTOWN RAAF                  | 3248S    | 15150E    | 10        |           | 1015.0       | 1016.1         | 14.0        |        | 8.7            |        |               |       |        |          |          |          |
| 94786 PORT MACQUARIE AIRPORT AWS        | 3126S    | 15250E    | 5         |           | 1015.6       | 1016.2         | 13.9        |        | 10.2           |        | 2             | 19    |        |          |          |          |
| 94791 COFFS HARBOUR MO                  | 3019S    | 15300E    | 6         |           | 1016.0       | 1016.8         | 14.8        |        | 10.6           |        |               |       |        |          |          |          |
| <b>94802 ALBANY AIRPORT</b>             | 3456S    | 11740E    | 71        |           | 1006.4       | 1014.8         | 13.5        |        | 12.3           |        | 20            | 136   | 32     | 1        | 155      |          |
| 94812 ROBE                              | 3710S    | 13940E    | 4         |           |              |                | 12.7        |        |                |        | 25            | 157   |        | 5        |          |          |
| 94814 STRATHALBYN RACECOURSE            | 3517S    | 13850E    | 58        |           | 1007.7       | 1014.7         | 12.8        |        | 10.2           |        | 14            | 56    |        |          |          |          |
| <b>94821 MOUNT GAMBIER AERO</b>         | 3744S    | 14040E    | 69        |           | 1003.8       | 1012.1         | 11.2        |        | 10.5           |        | 24            | 173   | 83     | 6        | 158      | 102      |
| 94826 CAPE NELSON LIGHTHOUSE            | 3826S    | 14130E    | 47        |           | 1005.1       | 1010.8         | 12.2        |        | 12.4           |        | 23            | 243   |        |          |          |          |
| 94827 NHILL AERODROME                   | 3619S    | 14130E    | 140       |           | 997.5        | 1014.4         | 11.0        |        | 9.9            |        | 17            | 42    |        |          |          |          |
| <b>94842 CAPE OTWAY LIGHTHOUSE</b>      | 3851S    | 14330E    | 83        |           | 1000.3       | 1010.3         | 11.5        |        | 10.5           |        | 23            | 205   |        | 6        |          |          |
| 94865 LAVERTON RAAF                     | 3752S    | 14440E    | 20        |           | 1010.1       | 1012.6         | 11.8        |        | 9.7            |        | 10            | 44    | -6     | 3        |          |          |
| 94866 MELBOURNE AIRPORT                 | 3740S    | 14450E    | 132       |           | 998.7        | 1013.0         | 11.4        |        | 9.1            |        | 10            | 39    | -12    | 2        | 179      | 105      |
| 94893 WILSONS PROMONTORY LIGHTHOUS      | 3907S    | 14620E    | 97        |           | 997.8        | 1009.5         | 11.5        |        | 10.0           |        | 24            | 341   |        | 6        |          |          |
| <b>94907 EAST SALE AIRPORT</b>          | 3806S    | 14700E    | 8         |           | 1011.2       | 1012.2         | 11.2        |        | 9.0            |        | 11            | 34    | -15    | 2        | 206      | 121      |
| <b>94910 WAGGA WAGGA AMO</b>            | 3510S    | 14720E    | 221       |           | 991.0        | 1016.7         | 10.1        |        | 9.4            |        | 11            | 47    | -11    | 2        | 184      | 105      |
| 94926 CANBERRA AIRPORT                  | 3518S    | 14910E    | 580       |           | 947.8        | 1016.2         | 8.6         |        | 7.8            |        | 8             | 27    | -24    | 1        |          |          |
| <b>94937 MORUYA HEADS PILOT STATION</b> | 3555S    | 15000E    | 17        |           |              |                | 13.3        |        |                |        | 2             | 12    |        | 1        |          |          |
| 94954 CAPE GRIM BAPS                    | 4040S    | 14440E    | 94        |           | 996.4        | 1007.4         | 10.8        |        | 10.1           |        | 23            | 252   |        |          |          |          |
| <b>94967 CAPE BRUNY LIGHTHOUSE</b>      | 4330S    | 14700E    | 55        |           |              |                | 9.4         |        |                |        | 19            | 106   |        | 4        |          |          |
| 94975 HOBART AIRPORT                    | 4250S    | 14730E    | 27        |           | 1001.6       | 1004.9         | 9.6         |        | 7.8            |        | 14            | 50    | 3      | 4        | 182      | 109      |
| 94983 EDDYSTONE POINT                   | 4100S    | 14820E    | 21        |           | 1004.9       | 1007.4         | 11.0        |        | 10.1           |        | 16            | 95    |        | 4        |          |          |
| 95322 RABBIT FLAT                       | 2011S    | 13000E    | 340       |           | 976.4        | 1015.5         | 20.4        |        | 5.1            |        |               |       |        |          | 336      | 105      |
| 95482 BIRDSVILLE AIRPORT                | 2554S    | 13920E    | 47        |           | 1012.5       | 1018.1         | 18.6        |        | 5.1            |        | 0             | 0     |        |          |          |          |
| 95492 THARGOMINDAH AIRPORT              | 2759S    | 14340E    | 132       |           | 1002.6       | 1018.2         | 16.3        |        | 5.8            |        | 0             | 0     |        |          |          |          |
| 95527 MOREE AERO                        | 2929S    | 14950E    | 218       |           | 992.3        | 1018.4         | 13.4        |        | 7.8            |        | 1             | 4     |        |          | 302      | 110      |
| 95529 MILES CONSTANCE STREET            | 2639S    | 15010E    | 305       |           | 982.7        | 1018.9         | 14.6        |        | 8.0            |        | 0             | 0     |        |          |          |          |
| 95541 INVERELL (RAGLAN ST)              | 2947S    | 15100E    | 636       |           |              |                | 9.2         |        |                |        | 1             | 11    |        |          |          |          |
| 95625 CUNDERDIN AIRFIELD                | 3137S    | 11710E    | 217       |           | 992.5        | 1018.5         | 12.7        |        | 11.7           |        | 10            | 39    |        |          |          |          |
| 95640 WANDERING                         | 3240S    | 11640E    | 275       |           |              |                | 12.4        |        | 11.2           |        | 15            | 82    |        |          |          |          |
| 95670 RAYVILLE PARK                     | 3347S    | 13810E    | 109       |           | 1003.5       | 1016.7         | 11.3        |        | 11.1           |        | 10            | 44    |        |          |          |          |

# SURFACE

# AUGUST 2013

| STATION                             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 95719 DUBBO AIRPORT AWS             | 3213S    | 14830E    | 285       |           | 984.1        | 1018.3         | 10.8        |        | 8.5            |        | 1             | 5     |        |          |          |          |
| <b>95753 RICHMOND RAAF</b>          | 3336S    | 15040E    | 21        |           | 1013.3       | 1015.7         | 13.1        |        | 8.3            |        |               |       |        |          |          |          |
| 95784 TAREE AIRPORT AWS             | 3153S    | 15230E    | 12        |           | 1014.8       | 1015.9         | 14.1        |        | 9.7            |        | 1             | 3     |        |          |          |          |
| 95805 CAPE BORDA AWS                | 3545S    | 13630E    | 158       |           | 995.2        | 1014.2         | 12.9        |        | 11.4           |        | 20            | 104   |        |          |          |          |
| 95869 DENILQUIN AIRPORT AWS         | 3534S    | 14450E    | 96        |           | 1004.1       | 1015.6         | 10.7        |        | 9.5            |        | 7             | 25    |        |          |          |          |
| 95908 THREDBO VILLAGE               | 3630S    | 14810E    | 1380      |           |              |                | 2.8         |        |                |        | 21            | 320   |        |          |          |          |
| 95916 CABRAMURRA SMHEA              | 3556S    | 14820E    | 1483      |           |              |                | 2.3         |        | 6.4            |        | 18            | 181   |        |          |          |          |
| 95940 PT PERPENDICULAR AWS          | 3505S    | 15040E    | 85        |           | 1004.2       | 1014.2         | 14.4        |        | 9.6            |        | 1             | 39    |        |          |          |          |
| 95964 LOW HEAD                      | 4103S    | 14640E    | 4         |           | 1006.9       | 1007.3         | 10.7        |        | 10.3           |        | 16            | 192   |        |          |          |          |
| <b>AUSTRALIA (ADDITIONAL IS.)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>94995 LORD HOWE ISLAND AERO</b>  | 3132S    | 15900E    | 7         |           | 1015.3       | 1016.1         | 16.9        |        | 12.9           |        | 12            | 93    | -47    | 1        |          |          |
| <b>94996 NORFOLK ISLAND AERO</b>    | 2902S    | 16750E    | 117       |           | 1001.9       | 1015.7         | 16.4        |        | 13.0           |        | 8             | 112   | -3     | 3        | 253      | 128      |
| <b>94998 MACQUARIE ISLAND</b>       | 5430S    | 15850E    | 8         |           | 995.0        | 996.0          | 4.1         |        | 7.4            |        | 19            | 104   | 42     | 5        |          |          |
| <b>INDONESIA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 96001 SABANG/CUT BAU                | 0552N    | 09519E    | 126       |           | 996.0        | 1010.3         | 27.3        |        | 27.2           |        | 13            | 68    |        |          | 155      |          |
| 96035 MEDAN/POLONIA                 | 0334N    | 09841E    | 25        |           |              | 1010.4         | 26.8        |        | 29.3           |        | 12            | 166   |        | 2        | 137      | 115      |
| <b>96073 SIBOLGA/PINANGSORI</b>     | 0133N    | 09853E    | 3         |           | 1008.7       | 1009.4         | 26.1        |        | 27.9           |        | 23            | 424   |        | 5        | 162      | 85       |
| 96109 PEKAN BARU/SIMPANGTIGA        | 0028N    | 10120E    | 31        |           | 1004.6       | 1008.5         | 27.4        |        | 28.0           |        | 8             | 180   |        | 4        | 173      |          |
| <b>96163 PADANG/TABING</b>          | 0053S    | 10020E    | 3         |           | 1009.5       | 1010.2         | 25.9        |        | 27.9           |        | 16            | 433   |        | 0        | 161      | 75       |
| 96221 PALEMBANG/ST. M. BADARUDIN I  | 0254S    | 10440E    | 10        |           | 1008.3       | 1010.1         | 25.3        |        | 26.7           |        | 11            | 126   |        |          | 187      | 75       |
| 96237 PANGKAL PINANG                | 0210S    | 10600E    | 33        |           | 1005.6       | 1009.8         | 27.2        |        | 26.1           |        | 11            | 85    |        |          | 167      | 55       |
| 96249 TANJUNG PANDAN/BULUH TUMBANG  | 0245S    | 10740E    | 44        |           | 1003.5       | 1009.6         | 26.4        |        | 28.4           |        | 14            | 152   |        | 3        | 203      | 110      |
| 96509 TARAKAN/JUWATA                | 0320N    | 11730E    | 6         |           | 1008.7       | 1010.0         | 26.2        |        | 30.1           |        | 15            | 174   |        |          | 174      |          |
| 96581 PONTIANAK/SUPADIO             | 0009S    | 10920E    | 3         |           | 1009.0       | 1009.7         | 26.8        |        | 28.1           |        | 13            | 208   |        | 4        | 202      | 105      |
| <b>BRUNEI DARUSSALAM</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 96315 BRUNEI AIRPORT                | 0456N    | 11450E    | 22        |           | 1007.9       | 1009.8         | 27.6        |        | 30.3           | .4     | 13            | 171   | -27    | 3        | 204      | 94       |
| <b>MALAYSIA (SABAH AND SARAWAK)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>96413 KUCHING</b>                | 0129N    | 11020E    | 27        |           | 1007.2       | 1009.8         | 27.1        |        | 28.6           |        | 16            | 334   |        | 5        |          |          |
| 96421 SIBU                          | 0220N    | 11150E    | 31        |           | 1005.8       | 1009.4         | 27.1        |        | 28.8           |        | 11            | 265   |        | 4        |          |          |
| <b>96441 BINTULU</b>                | 0312N    | 11300E    | 5         |           | 1006.7       | 1009.5         | 27.2        | .4     | 29.8           |        | 15            | 337   | 47     | 4        |          |          |
| 96449 MIRI                          | 0420N    | 11350E    | 18        |           | 1007.4       | 1009.3         | 27.0        | .1     | 28.7           |        | 12            | 223   | 22     | 3        |          |          |
| <b>96465 LABUAN</b>                 | 0518N    | 11510E    | 30        |           | 1005.8       | 1009.2         | 27.4        |        | 30.6           | .1     | 12            | 250   |        | 3        |          |          |
| 96471 KOTA KINABALU                 | 0556N    | 11600E    | 3         |           | 1009.0       | 1009.3         | 27.7        |        | 29.9           |        | 13            | 230   |        | 3        |          |          |
| 96481 TAWAU                         | 0416N    | 11750E    | 20        |           | 1007.6       | 1009.5         | 26.1        |        | 28.6           |        | 17            | 418   | 217    | 5        |          |          |
| <b>96491 SANDAKAN</b>               | 0554N    | 11800E    | 13        |           | 1007.6       | 1008.8         | 27.5        | .3     | 29.5           |        | 16            | 380   |        | 5        |          |          |
| <b>96491 SANDAKAN</b>               | 0554N    | 11800E    | 13        |           | 1007.6       | 1008.8         | 27.5        | .3     | 29.5           |        | 16            | 380   |        | 5        |          |          |

# 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 2013               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>EUROPE</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>SWEDEN</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02197 HAPARANDA             | 6549N    | 02406E    | 15        |           | 1013.8       | 1015.8         | -6.9        |        |                |        | 6             | 20    |        | 2        | 75       | 110      |
| <b>UNITED KINGDOM</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 03808 CAMBORNE              | 5013N    | 00519W    | 88        |           | 1007.7       | 1018.5         | 5.9         |        | 7.3            |        | 7             | 49    |        | 2        | 80       | 105      |
| <b>IRELAND</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 03956 JOHNSTOWN CASTLE      | 5217N    | 00629W    | 63        |           | 1010.6       | 1018.3         | 5.0         |        | 7.5            |        | 10            | 46    |        |          |          |          |
| <b>FRANCE</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 07481 LYON-SATOLAS          | 4544N    | 00505E    | 248       |           | 986.8        | 1016.6         | 1.0         |        | 5.6            |        | 11            | 42    |        |          |          |          |
| <b>PORTUGAL</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08509 LAJES (ACORES)        | 3846N    | 02706W    | 54        |           | 1015.0       | 1021.4         | 14.5        |        | 12.9           |        | 16            | 125   |        | 3        | 100      | 90       |
| <b>GERMANY</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 10309 AHAUS                 | 5204N    | 00656E    | 47        |           | 1010.9       | 1016.8         | 1.0         |        | 5.8            |        | 9             | 40    |        |          | 44       | 60       |
| 10321 DIEPHOLZ              | 5235N    | 00821E    | 43        |           | 1011.3       | 1016.7         | .7          |        | 5.7            |        | 8             | 32    |        | 2        | 46       | 65       |
| 10424 WERL                  | 5134N    | 00753E    | 86        |           | 1005.9       | 1016.7         | .9          |        | 5.6            |        | 10            | 43    |        |          | 29       | 40       |
| 10442 ALFELD                | 5157N    | 00948E    | 145       |           | 998.4        | 1016.6         | -.1         |        | 5.3            |        | 11            | 40    |        |          | 34       | 55       |
| 10686 WUNSIEDEL-SCHOENBRUNN | 5001N    | 01158E    | 623       |           | 939.7        | 1015.9         | -2.9        |        | 4.5            |        | 12            | 32    |        |          | 19       | 25       |
| 10731 RHEINSTETTEN          | 4858N    | 00819E    | 118       |           | 1001.4       | 1016.2         | .8          |        | 5.6            |        | 11            | 54    |        |          | 26       | 40       |
| <b>ITALY</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16245 PRATICA DI MARE       | 4139N    | 01227E    | 21        |           | 1007.5       | 1010.0         | 7.5         |        | 8.0            |        | 8             | 100   | 19     | 4        |          |          |
| <b>ASIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# 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>RUSSIAN FEDERATION (ASIA)</b><br>25745 KAMENSKOE                    | 6228N          | 16612E           | 40        |           | 1013.0           | 1018.7           | -28.7        |        | .4             |        | 1             | 3         |        |          | 159      | 160      |
| <b>KAZAKHSTAN</b><br>35357 BARSHINO                                    | 4941N          | 06931E           | 350       |           | 984.7            | 1031.2           | -14.9        |        | 1.6            |        | 1             | 6         |        |          | 160      |          |
| <b>INDIA</b><br>43150 CWC VISHAKHAPATNAM/WALTAIR                       | 1742N          | 08318E           | 66        |           | 1006.2           | 1013.7           | 25.3         |        | 23.3           |        | 1             | 4         |        |          | 240      | 95       |
| <b>THAILAND</b><br>48565 PHUKET AIRPORT                                | 0809N          | 09819E           | 9         |           | 1008.2           | 1009.2           | 28.1         | .7     | 28.4           | 1.7    | 2             | 9         | -21    | 3        |          |          |
| <b>AFRICA</b>  |                |                  |           |           |                  |                  |              |        |                |        |               |           |        |          |          |          |
| <b>MAURITIUS</b><br>61995 VACOAS (MAURITIUS)                           | 2018S          | 05730E           | 425       |           | 963.6            |                  | 24.5         | 7.5    | 27.0           |        | 20            | 372       |        | 3        | 136      | 70       |
| <b>LIBYA</b><br>62103 GHADAMES   | 3008N          | 00930E           | 347       |           | 976.0            |                  | 15.8         |        | 5.3            |        |               |           |        |          | 283      | 115      |
| <b>SOUTH AFRICA</b><br>68592 KING SHAKA INTL AIRPORT                   | 2936S          | 03107E           | 109       |           |                  |                  | 24.0         |        | 22.9           |        | 7             | 38        |        |          | 201      |          |
| <b>N AMERICA</b>   |                |                  |           |           |                  |                  |              |        |                |        |               |           |        |          |          |          |
| <b>USA</b><br>72244 HOUSTON, TX WM P HOBBY ARPT<br>72247 LONGVIEW, TX. | 2938N<br>3221N | 09516W<br>09439W | 15<br>124 |           | 1014.7<br>1003.3 | 1017.0<br>1017.1 | 15.8<br>11.1 |        | 11.9<br>9.5    |        | 6<br>8        | 41<br>112 |        |          |          |          |



# 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. |
| 72272 DOUGLASS BISBEE, AZ INTL ARP | 3128N    | 10936W    | 1251      |           | 875.7        | 1015.7         | 6.4         |        | 4.0            |        | 1             | 3     |        |          |          |          |
| 72307 ELIZABETH CITY, NC CG AIR ST | 3615N    | 07610W    | 12        |           | 1016.4       | 1017.0         | 7.4         |        | 7.0            |        | 9             | 93    |        |          |          |          |
| 72316 ALMA, GA BACON COUNTY ARPT   | 3132N    | 08230W    | 44        |           | 1010.3       | 1017.8         | 12.2        |        | 9.8            |        | 9             | 242   |        |          |          |          |
| 72325 CROSSVILLE, TN               | 3557N    | 08505W    | 571       |           | 949.7        | 1017.5         | 3.7         |        | 5.0            |        | 9             | 51    |        |          |          |          |
| 72328 CLARKSVILLE, TN              | 3637N    | 08724W    | 171       |           | 997.3        | 1017.7         | 4.6         |        | 5.6            |        | 5             | 39    |        |          |          |          |
| 72329 CAPE GIRARDEAU, MO           | 3713N    | 08934W    | 103       |           | 1004.4       | 1017.5         | 3.6         |        | 5.8            |        | 5             | 77    |        |          |          |          |
| 72335 BRISTOL-JOHNSON-KINGSPORT, T | 3628N    | 08223W    | 469       |           | 961.9        | 1016.5         | 3.7         |        | 5.6            |        | 13            | 47    |        |          |          |          |
| 72345 HARRISON, AR BOONE COUNTY AP | 3615N    | 09309W    | 421       |           | 966.5        | 1016.9         | 4.2         |        | 5.5            |        | 9             | 83    |        |          |          |          |
| 72366 CHILDRESS, TX CHILDRESS MUNI | 3426N    | 10017W    | 595       |           | 946.0        | 1016.5         | 6.3         |        | 4.9            |        | 6             | 47    |        |          |          |          |
| 72398 SALISBURY, MD                | 3820N    | 07530W    | 20        |           | 1014.1       | 1016.8         | 4.1         |        | 5.6            |        | 8             | 94    |        |          |          |          |
| 72399 HARRISBURG, PA               | 4011N    | 07645W    | 96        |           | 1004.7       | 1016.8         | -1          |        | 4.3            |        | 8             | 44    |        |          |          |          |
| 72418 WILMINGTON, DE NEW CASTLE AP | 3940N    | 07536W    | 23        |           | 1013.5       | 1016.8         | 1.5         |        | 4.8            |        | 7             | 59    |        |          |          |          |
| 72419 JACKSON, KY JULIAN CARROL AP | 3735N    | 08318W    | 414       |           | 967.3        | 1017.0         | 3.0         |        | 4.9            |        | 12            | 49    |        |          |          |          |
| 72420 MANSFIELD, OH                | 4049N    | 08231W    | 396       |           | 967.3        | 1016.0         | -2.6        |        | 4.2            |        | 10            | 55    |        |          |          |          |
| 72442 ROLLA-VICHY, MO, ROLLA NAT A | 3807N    | 09146W    | 344       |           | 974.4        | 1016.4         | 1.2         |        | 5.0            |        | 7             | 57    |        |          |          |          |
| 72443 QUINCY, IL                   | 3956N    | 09111W    | 237       |           | 988.2        | 1016.8         | -8          |        | 4.6            |        | 6             | 40    |        |          |          |          |
| 72477 EUREKA, NV RAMOS             | 3936N    | 11600W    | 1811      |           | 818.8        | 1021.1         | -3.7        |        | 3.6            |        | 5             | 21    |        |          |          |          |
| 72495 CONCORD, CA                  | 3759N    | 12203W    | 12        |           | 1018.8       | 1019.6         | 9.7         |        | 7.8            |        | 2             | 8     |        |          |          |          |
| 72505 ISLIP, NY, LONG IS ARTHUR AP | 4047N    | 07306W    | 44        |           | 1010.3       | 1014.6         | .1          | .7     | 4.4            |        | 10            | 150   | 68     | 5        |          |          |
| 72506 NEW YORK, NY CENTRAL PARK    | 4046N    | 07358W    | 48        |           | 1010.2       | 1015.4         | 1.1         |        | 4.2            |        | 7             | 108   |        |          |          |          |
| 72510 WORCESTER, MA WORCESTER RGNL | 4216N    | 07152W    | 306       |           | 975.6        | 1014.2         | -2.5        |        | 3.6            |        | 8             | 125   |        |          |          |          |
| 72522 GLENN FALLS, NY              | 4320N    | 07336W    | 104       |           | 1002.7       | 1016.1         | -4.7        |        | 3.3            |        | 6             | 26    |        |          |          |          |
| 72542 BURLINGTON, IA               | 4046N    | 09107W    | 212       |           | 990.2        | 1016.6         | -1.8        |        | 4.5            |        | 5             | 47    |        |          |          |          |
| 72585 HAYWARD, CA HAYWARD EXEC ARP | 3739N    | 12207W    |           |           | 1019.6       | 1022.2         | 10.2        |        | 8.6            |        | 2             | 12    |        |          |          |          |
| 72593 SALINAS, CA SALINAS MUNI ARP | 3639N    | 12136W    | 24        |           | 1018.1       | 1021.9         | 10.2        |        | 8.3            |        | 2             | 14    |        |          |          |          |
| 72607 BANGOR, ME BANGOR INTL ARPT  | 4448N    | 06849W    | 60        |           | 1006.1       | 1013.8         | -4.8        |        | 3.3            |        | 11            | 52    |        |          |          |          |
| 72656 PIERRE, SD, PIERRE RGNL ARPT | 4422N    | 10017W    | 527       |           | 952.9        | 1016.9         | -3.4        |        | 4.1            |        | 3             | 20    |        |          |          |          |
| 72659 ABERDEEN/REG., SD.           | 4527N    | 09824W    | 398       |           | 969.1        | 1018.4         | -9.5        | -1.0   | 2.9            |        | 4             | 27    | 16     | 5        |          |          |
| 72669 RAWLINGS, WY                 | 4148N    | 10712W    | 2065      |           | 790.7        | 1018.5         | -6.3        |        | 2.8            |        | 2             | 5     |        |          |          |          |
| 72692 ROBERT FIELD ARPT            | 4415N    | 12109W    | 936       |           |              | 1022.0         | 1.9         |        | 4.6            |        | 0             | 0     |        |          |          |          |
| 72757 GRAND FORKS, ND              | 4756N    | 09710W    | 257       |           | 986.0        | 1018.1         | -11.7       |        | 2.4            |        | 4             | 9     |        |          |          |          |
| 72763 DICKINSON, ND                | 4647N    | 10248W    | 791       |           | 921.3        | 1015.6         | -3.5        |        | 4.1            |        | 0             | 0     |        |          |          |          |
| 72769 CUT BANK, MT CUT BANK MUNI A | 4836N    | 11222W    | 1175      |           | 879.6        | 1015.3         | -1          |        | 3.7            |        |               |       |        |          |          |          |
| 72770 DILLON, MT DILLON ARPT       | 4515N    | 11233W    | 1591      |           | 838.1        | 1018.9         | -1.9        |        | 3.1            |        | 1             | 2     |        |          |          |          |
| 72774 BUTTE, MT MT BERT MOONEY ARP | 4527N    | 11230W    | 1688      |           | 828.3        | 1020.4         | -5.6        |        | 3.1            |        | 1             | 3     |        |          |          |          |
| 74736 DALHART, TX DALHART MUNI ARP | 3601N    | 10232W    | 1217      |           | 877.1        | 1015.3         | 3.2         |        | 4.1            |        | 4             | 11    |        |          |          |          |
| 74746 COLLEGE STATION, TX          | 3035N    | 09621W    | 100       |           | 1004.6       | 1016.4         | 14.3        |        | 9.9            |        | 5             | 28    |        |          |          |          |
| 74756 GAINSVILLE, FL               | 2941N    | 08216W    | 46        |           | 1012.0       | 1018.2         | 15.2        |        | 11.8           |        | 6             | 42    |        |          |          |          |
| 74758 GREENWOOD, MS                | 3329N    | 09005W    | 45        |           | 1012.9       | 1017.9         | 8.1         |        | 8.1            |        | 6             | 97    |        |          |          |          |
| 74759 HATTIESBURG, MS              | 3115N    | 08915W    | 45        |           | 1012.2       | 1017.8         | 12.0        |        | 9.6            |        | 13            | 267   |        |          |          |          |
| 74768 GREENVILLE, MS               | 3328N    | 09059W    | 46        |           | 1012.9       | 1018.5         | 8.6         |        | 8.6            |        | 5             | 85    |        |          |          |          |
| 74783 FORT LAUDERALE, FL           | 2604N    | 08009W    | 37        |           | 1017.1       | 1017.6         | 22.5        |        | 18.9           |        | 3             | 54    |        |          |          |          |
| 74787 DAYTONA BEACH, FL            | 2910N    | 08103W    | 10        |           | 1016.6       | 1018.1         | 16.9        |        | 13.6           |        | 4             | 36    |        |          |          |          |
| 74793 VERO BEACH, FL               | 2739N    | 08025W    | 12        |           | 1016.9       | 1018.0         | 18.6        |        | 16.5           |        | 3             | 26    |        |          |          |          |

BERMUDA

# 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>78016 BERMUDA INTERNATIONAL AIRPOR<br/>ANTARCTICA</b>                      | 3222N                            | 06440W                               | 130                   |           | 1017.5                             | 1017.9                               | 17.5                   |        | 14.1                     |        | 18               | 165                  |        |          | 135                     |                         |
| <b>NETHERLANDS (ANTARCTIC)</b><br>89003 HALVFARRYGGEN EP11<br>MARCH 2013      | 7109S                            | 00641W                               | 694                   |           | 899.1                              |                                      |                        |        |                          |        |                  |                      |        |          |                         |                         |
| <b>EUROPE</b>   |                                  |                                      |                       |           |                                    |                                      |                        |        |                          |        |                  |                      |        |          |                         |                         |
| <b>SWEDEN</b><br>02197 HAPARANDA  | 6549N                            | 02406E                               | 15                    |           | 1014.7                             | 1016.6                               | -9.5                   |        |                          |        | 3                | 16                   |        | 1        | 245                     | 180                     |
| <b>UNITED KINGDOM</b><br>03808 CAMBORNE                                       | 5013N                            | 00519W                               | 88                    |           | 995.3                              | 1006.0                               | 5.2                    |        | 7.2                      |        | 14               | 107                  |        | 3        | 89                      | 70                      |
| <b>IRELAND</b><br>03956 JOHNSTOWN CASTLE                                      | 5217N                            | 00629W                               | 63                    |           | 1000.1                             | 1007.7                               | 4.1                    |        | 6.9                      |        | 11               | 89                   |        |          |                         |                         |
| <b>FRANCE</b><br>07481 LYON-SATOLAS   | 4544N                            | 00505E                               | 248                   |           | 978.4                              | 1007.3                               | 6.7                    |        | 7.2                      |        | 12               | 86                   |        |          |                         |                         |
| <b>PORTUGAL</b><br>08509 LAJES (ACORES)                                       | 3846N                            | 02706W                               | 54                    |           |                                    | 1003.6                               | 13.7                   |        | 12.7                     |        | 29               | 314                  |        | 5        | 116                     | 105                     |
| <b>GERMANY</b><br>10309 AHAUS<br>10321 DIEPHOLZ<br>10424 WERL<br>10442 ALFELD | 5204N<br>5235N<br>5134N<br>5157N | 00656E<br>00821E<br>00753E<br>00948E | 47<br>43<br>86<br>145 |           | 1004.8<br>1006.4<br>999.9<br>993.8 | 1010.7<br>1011.8<br>1010.6<br>1012.0 | 1.4<br>.3<br>1.6<br>-6 |        | 5.2<br>4.8<br>5.1<br>4.6 |        | 4<br>6<br>5<br>9 | 31<br>25<br>34<br>32 |        | 1        | 94<br>119<br>122<br>111 | 90<br>115<br>120<br>115 |

# 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.  |
| 10686 WUNSIEDEL-SCHOENBRUNN<br>10731 RHEINSTETTEN   | 5001N<br>4858N | 01158E<br>00819E | 623<br>118 |           | 935.3<br>994.3 | 1011.0<br>1008.8 | -2.1<br>3.4 |        | 4.4<br>6.0     |        | 6<br>7        | 19<br>31 |        |          | 96<br>113 | 85<br>100 |
| <b>ITALY</b><br>16245 PRATICA DI MARE               | 4139N          | 01227E           | 21         |           | 1004.2         | 1006.8           | 11.4        |        | 11.0           |        | 14            | 112      | 40     | 5        |           |           |
| <b>ASIA</b>   |                |                  |            |           |                |                  |             |        |                |        |               |          |        |          |           |           |
| <b>RUSSIAN FEDERATION (ASIA)</b><br>25745 KAMENSKOE | 6228N          | 16612E           | 40         |           | 1008.7         | 1014.1           | -18.1       |        | 1.2            |        | 9             | 44       |        |          | 177       | 90        |
| <b>KAZAKHSTAN</b><br>35357 BARSHINO                 | 4941N          | 06931E           | 350        |           | 974.6          | 1018.4           | -3.1        |        | 4.1            |        | 7             | 34       |        |          | 120       |           |
| <b>INDIA</b><br>43150 CWC VISHAKHAPATNAM/WALTAIR    | 1742N          | 08318E           | 66         |           | 1004.0         | 1011.3           | 27.2        |        | 26.5           |        | 1             | 1        |        |          | 267       | 105       |
| <b>THAILAND</b><br>48565 PHUKET AIRPORT             | 0809N          | 09819E           | 9          |           | 1008.5         | 1009.4           | 29.7        | 1.5    | 30.5           | 2.2    | 1             | 14       | -46    | 2        |           |           |
| <b>AFRICA</b>                                       |                |                  |            |           |                |                  |             |        |                |        |               |          |        |          |           |           |
| <b>NIGER</b><br>61053 DOSSO                         | 1302N          | 00318E           | 213        |           |                |                  | 33.1        |        | 13.4           |        | 0             | 0        |        | 5        | 288       |           |
| <b>MAURITIUS</b><br>61995 VACOAS (MAURITIUS)        | 2018S          | 05730E           | 425        |           | 965.8          |                  | 23.8        | 7.7    | 24.8           |        | 20            | 428      |        | 5        | 217       | 95        |
| <b>SOUTH AFRICA</b>                                 |                |                  |            |           |                |                  |             |        |                |        |               |          |        |          |           |           |

# 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>68592 KING SHAKA INT'L AIRPORT<br/>N AMERICA</b> | <b>2936S</b> | <b>03107E</b> | <b>109</b> |           |              |                | <b>22.8</b> |        | <b>20.9</b>    |        | <b>7</b>      | <b>89</b> |        |          | <b>204</b> |          |
| <b>USA</b>  |              |               |            |           |              |                |             |        |                |        |               |           |        |          |            |          |
| 72244 HOUSTON, TX WM P HOBBY ARPT                   | 2938N        | 09516W        | 15         |           | 1016.6       | 1019.0         | 16.9        |        | 11.9           |        | 3             | 30        |        |          |            |          |
| 72247 LONGVIEW, TX.                                 | 3221N        | 09439W        | 124        |           | 1004.6       | 1018.3         | 13.2        |        | 9.5            |        | 4             | 85        |        |          |            |          |
| 72258 DALLAS, TX DALLAS LOVE FIELD                  | 3250N        | 09651W        | 156        |           | 999.8        | 1017.6         |             |        | 8.3            |        | 4             | 80        |        |          |            |          |
| 72272 DOUGLASS BISBEE, AZ INTL ARP                  | 3128N        | 10936W        | 1251       |           |              | 1013.9         | 13.7        |        | 3.7            |        | 01            | 1         |        |          |            |          |
| 72301 HICKORY, NC HICKORY RGNL ARP                  | 3544N        | 08123W        | 357        |           | 973.1        | 1015.2         |             |        | 5.4            |        | 6             | 83        |        |          |            |          |
| 72307 ELIZABETH CITY, NC CG AIR ST                  | 3615N        | 07610W        | 12         |           | 1014.6       | 1015.1         | 7.2         |        | 6.7            |        | 6             | 45        |        |          |            |          |
| 72316 ALMA, GA BACON COUNTY ARPT                    | 3132N        | 08230W        | 44         |           | 1010.5       | 1017.9         | 11.7        |        | 8.1            |        | 6             | 58        |        |          |            |          |
| 72319 ANDERSON RGNL ARPT                            | 3429N        | 08242W        | 240        |           | 988.8        | 1016.8         |             |        | 6.2            |        | 9             | 96        |        |          |            |          |
| 72325 CROSSVILLE, TN                                | 3557N        | 08505W        | 571        |           | 950.2        | 1017.6         | 4.3         |        | 6.2            |        | 5             | 139       |        |          |            |          |
| 72328 CLARKSVILLE, TN                               | 3637N        | 08724W        | 171        |           | 998.1        | 1018.4         | 5.4         |        | 6.6            |        | 7             | 122       |        |          |            |          |
| 72329 CAPE GIRARDEAU, MO                            | 3713N        | 08934W        | 103        |           | 1005.4       | 1018.6         | 4.9         |        | 6.5            |        | 6             | 65        |        |          |            |          |
| 72335 BRISTOL-JOHNSON-KINGSPORT, T                  | 3628N        | 08223W        | 469        |           | 961.9        | 1016.3         | 4.9         |        | 5.8            |        | 9             | 117       |        |          |            |          |
| 72345 HARRISON, AR BOONE COUNTY AP                  | 3615N        | 09309W        | 421        |           | 967.7        | 1018.0         | 6.1         |        | 6.1            |        | 7             | 66        |        |          |            |          |
| 72366 CHILDRESS, TX CHILDRESS MUNI                  | 3426N        | 10017W        | 595        |           | 947.0        | 1016.1         | 11.0        |        | 6.0            |        | 0             | 0         |        |          |            |          |
| 72398 SALISBURY, MD                                 | 3820N        | 07530W        | 20         |           | 1012.2       | 1014.7         | 5.6         |        | 5.7            |        | 7             | 123       |        |          |            |          |
| 72399 HARRISBURG, PA                                | 4011N        | 07645W        | 96         |           | 1003.1       | 1015.0         | 3.5         |        | 4.5            |        | 8             | 62        |        |          |            |          |
| 72418 WILMINGTON, DE NEW CASTLE AP                  | 3940N        | 07536W        | 23         |           | 1011.5       | 1014.6         | 4.4         |        | 5.1            |        | 7             | 65        |        |          |            |          |
| 72419 JACKSON, KY JULIAN CARROL AP                  | 3735N        | 08318W        | 414        |           | 967.7        | 1017.1         | 3.8         |        | 5.5            |        | 11            | 118       |        |          |            |          |
| 72420 MANSFIELD, OH                                 | 4049N        | 08231W        | 396        |           | 967.8        | 1016.4         | .5          |        | 5.1            |        | 6             | 50        |        |          |            |          |
| 72427 OAK RIDGE, TN                                 | 3601N        | 08413W        | 279        |           | 984.9        | 1018.8         |             |        | 6.2            |        | 8             | 145       |        |          |            |          |
| 72442 ROLLA-VICHY, MO, ROLLA NAT A                  | 3807N        | 09146W        | 344        |           | 976.1        | 1017.9         | 2.8         |        | 5.7            |        | 7             | 83        |        |          |            |          |
| 72443 QUINCY, IL                                    | 3956N        | 09111W        | 237        |           | 990.2        | 1018.8         | .8          |        | 5.1            |        | 6             | 61        |        |          |            |          |
| 72453 PONCA CITY, OK                                | 3643N        | 09705W        | 309        |           | 981.4        | 1017.7         |             |        | 6.5            |        | 3             | 16        |        |          |            |          |
| 72477 EUREKA, NV RAMOS                              | 3936N        | 11600W        | 1811       |           | 818.3        | 1016.4         | 4.9         |        | 4.2            |        | 1             | 4         |        |          |            |          |
| 72495 CONCORD, CA                                   | 3759N        | 12203W        | 12         |           | 1016.3       | 1017.1         | 13.0        |        | 9.7            |        | 4             | 17        |        |          |            |          |
| 72505 ISLIP, NY, LONG IS ARTHUR AP                  | 4047N        | 07306W        | 44         |           | 1008.3       | 1012.4         | 3.1         | -1     | 4.8            |        | 10            | 67        | -26    | 2        |            |          |
| 72506 NEW YORK, NY CENTRAL PARK                     | 4046N        | 07358W        | 48         |           | 1008.1       | 1013.2         | 4.1         |        | 4.6            |        | 8             | 74        |        |          |            |          |
| 72510 WORCESTER, MA WORCESTER RGNL                  | 4216N        | 07152W        | 306        |           | 973.9        | 1011.7         | .3          |        | 4.1            |        | 5             | 93        |        |          |            |          |
| 72522 GLENN FALLS, NY                               | 4320N        | 07336W        | 104        |           | 1001.0       | 1013.6         | -.7         |        | 4.2            |        | 5             | 79        |        |          |            |          |
| 72542 BURLINGTON, IA                                | 4046N        | 09107W        | 212        |           | 992.6        | 1019.4         | -.1         |        | 4.9            |        | 6             | 50        |        |          |            |          |
| 72585 HAYWARD, CA HAYWARD EXEC ARP                  | 3739N        | 12207W        |            |           | 1016.9       | 1019.8         | 12.9        |        | 10.6           |        | 4             | 9         |        |          |            |          |
| 72593 SALINAS, CA SALINAS MUNI ARP                  | 3639N        | 12136W        | 24         |           | 1016.1       | 1019.7         | 13.0        |        | 10.2           |        | 3             | 10        |        |          |            |          |
| 72607 BANGOR, ME BANGOR INTL ARPT                   | 4448N        | 06849W        | 60         |           | 1004.1       | 1011.4         | -.2         |        | 4.5            |        | 8             | 52        |        |          |            |          |
| 72656 PIERRE, SD, PIERRE RGNL ARPT                  | 4422N        | 10017W        | 527        |           | 955.6        | 1019.5         | -2.4        |        | 3.9            |        | 1             | 4         |        |          |            |          |
| 72659 ABERDEEN/REG., SD.                            | 4527N        | 09824W        | 398        |           | 972.2        | 1021.5         | -6.7        | -5.5   | 3.5            |        | 3             | 6         | -28    | 1        |            |          |
| 72669 RAWLINGS, WY                                  | 4148N        | 10712W        | 2065       |           | 792.2        | 1016.7         | .0          |        | 3.3            |        |               | 3         |        |          |            |          |
| 72692 ROBERT FIELD ARPT                             | 4415N        | 12109W        | 936        |           | 910.3        | 1019.7         | 4.2         |        | 5.3            |        | 1             | 8         |        |          |            |          |
| 72757 GRAND FORKS, ND                               | 4756N        | 09710W        | 257        |           | 989.5        | 1021.7         | -10.6       |        | 3.0            |        | 6             | 25        |        |          |            |          |
| 72763 DICKINSON, ND                                 | 4647N        | 10248W        | 791        |           | 924.7        | 1019.3         | -4.3        |        | 4.1            |        | 3             | 9         |        |          |            |          |

# 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. |
| 72769 CUT BANK, MT CUT BANK MUNI A | 4836N    | 11222W    | 1175      |           | 881.8        | 1018.0         | -1.4        |        | 3.7            |        | 5             | 14    |        |          |       |          |
| 72770 DILLON, MT DILLON ARPT       | 4515N    | 11233W    | 1591      |           | 838.8        | 1017.9         | 1.2         |        | 3.2            |        | 2             | 4     |        |          |       |          |
| 72774 BUTTE, MT MT BERT MOONEY ARP | 4557N    | 11230W    | 1688      |           | 829.0        | 1019.0         | -8          |        | 3.3            |        | 2             | 7     |        |          |       |          |
| 72787 DEER PARK, WA DEER PARK ARPT | 4758N    | 11725W    | 670       |           | 939.2        | 1019.4         |             |        | 6.1            |        | 4             | 27    |        |          |       |          |
| 72790 EPHRATA, WA EPHRATA MUNI ARP | 4718N    | 11930W    | 384       |           | 972.4        | 1018.6         |             |        | 6.1            |        | 2             | 14    |        |          |       |          |
| 74641 GAGE, OK GAGE ARPT           | 3617N    | 09946W    | 669       |           | 938.0        | 1016.7         |             |        | 6.2            |        | 3             | 37    |        |          |       |          |
| 74736 DALHART, TX DALHART MUNI ARP | 3601N    | 10232W    | 1217      |           | 878.3        | 1015.1         | 8.1         |        | 4.1            |        | 1             | 2     |        |          |       |          |
| 74739 FORT WORTH MEACHAM INTL ARPT | 3249N    | 09721W    | 215       |           | 991.7        | 1017.3         |             |        | 9.1            |        | 3             | 34    |        |          |       |          |
| 74746 COLLEGE STATION, TX          | 3035N    | 09621W    | 100       |           | 1006.3       | 1018.1         | 15.4        |        | 10.8           |        | 2             | 44    |        |          |       |          |
| 74756 GAINSVILLE, FL               | 2941N    | 08216W    | 46        |           | 1012.7       | 1018.6         | 13.6        |        | 9.1            |        | 6             | 25    |        |          |       |          |
| 74757 GULFPORT, MS                 | 3024N    | 08904W    | 16        |           | 1018.1       | 1019.0         |             |        | 11.2           |        | 4             | 17    |        |          |       |          |
| 74758 GREENWOOD, MS                | 3329N    | 09005W    | 45        |           | 1014.4       | 1019.3         | 9.2         |        | 8.3            |        | 7             | 148   |        |          |       |          |
| 74759 HATTIESBURG, MS              | 3115N    | 08915W    | 45        |           | 1013.9       | 1019.5         | 12.0        |        | 8.7            |        | 6             | 55    |        |          |       |          |
| 74768 GREENVILLE, MS               | 3328N    | 09059W    | 46        |           | 1014.1       | 1019.7         | 9.4         |        | 8.8            |        | 6             | 121   |        |          |       |          |
| 74782 JACKSONVILLE, FL             | 3020N    | 08130W    | 14        |           | 1016.8       | 1018.3         |             |        | 9.0            |        | 5             | 62    |        |          |       |          |
| 74783 FORT LAUDERALE, FL           | 2604N    | 08009W    | 37        |           | 1017.4       | 1017.9         | 19.9        |        | 14.5           |        | 1             | 2     |        |          |       |          |
| 74787 DAYTONA BEACH, FL            | 2910N    | 08103W    | 10        |           | 1016.9       | 1018.4         | 15.0        |        | 9.8            |        | 2             | 21    |        |          |       |          |
| 74793 VERO BEACH, FL               | 2739N    | 08025W    | 12        |           | 1017.3       | 1018.3         | 16.5        |        | 12.0           |        | 3             | 28    |        |          |       |          |
| <b>BERMUDA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78016 BERMUDA INTERNATIONAL AIRPOR | 3222N    | 06440W    | 130       |           | 1012.1       | 1012.5         | 17.0        |        | 13.6           |        | 19            | 139   |        |          | 189   |          |
| <b>ANTARCTICA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>AUSTRALIA (ANTARCTIC)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89577 DOME A                       | 8022S    | 07722E    | 4084      |           | 603.0        |                |             |        |                |        |               |       |        |          |       |          |
| 89578 EAGLE                        | 7625S    | 07701E    | 2824      |           | 673.6        |                | -41.0       |        |                |        |               |       |        |          |       |          |
| <b>USA (ANTARCTIC)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89329 UNI. WI HARRY                | 8300S    | 12123W    | 945       |           | 867.6        |                | -19.6       |        |                |        |               |       |        |          |       |          |
| <b>NETHERLANDS (ANTARCTIC)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89003 HALVFARRYGGEN EP11           | 7109S    | 00641W    | 694       |           | 895.0        |                |             |        |                |        |               |       |        |          |       |          |
| <b>NETHERLANDS (ANTARCTIC)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89507 KOHNEN EP9                   | 7500S    | 00000W    | 2892      |           | 671.5        |                |             |        |                |        |               |       |        |          |       |          |

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# 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>EUROPE</b>  |  |  |                                     |           |   |  |  |        |  |        |                                  |                                     |        |          |                                       |                                  |
| <b>SWEDEN</b><br>02197 HAPARANDA   | 6549N  | 02406E   | 15                                  |           | 1012.9  | 1014.7   | 10.2   |        | 7.8  |        | 8                                | 30                                  |        | 3        | 356                                   | 130                              |
| <b>UNITED KINGDOM</b><br>03808 CAMBORNE  | 5013N  | 00519W   | 88                                  |           | 1004.0  | 1014.7   | 10.0   |        | 10.1   |        | 13                               | 87                                  |        | 4        | 227                                   | 105                              |
| <b>IRELAND</b><br>03956 JOHNSTOWN CASTLE   | 5217N  | 00629W   | 63                                  |           | 1005.4  | 1012.9   | 10.2   |        | 9.7  |        | 8                                | 46                                  |        |          |                                       |                                  |
| <b>FRANCE</b><br>07481 LYON-SATOLAS  | 4544N  | 00505E   | 248                                 |           | 985.2   | 1013.7   | 12.2   |        | 10.8   |        | 18                               | 202                                 |        |          |                                       |                                  |
| <b>PORTUGAL</b><br>08509 LAJES (ACORES)  | 3846N  | 02706W   | 54                                  |           | 1020.5  | 1027.0   | 15.8   |        | 13.6   |        | 6                                | 430                                 |        | 3        | 151                                   | 130                              |
| <b>GERMANY</b><br>10309 AHAUS<br>10321 DIEPHOLZ<br>10424 WERL<br>10442 ALFELD<br>10686 WUNSIEDEL-SCHOENBRUNN<br>10731 RHEINSTETTEN | 5204N<br>5235N<br>5134N<br>5157N<br>5001N<br>4858N | 00656E<br>00821E<br>00753E<br>00948E<br>01158E<br>00819E | 47<br>43<br>86<br>145<br>623<br>118 |           | 1005.5<br>1005.5<br>1000.8<br>993.5<br>938.0<br>997.7 | 1011.1<br>1010.7<br>1011.2<br>1010.8<br>1010.4<br>1011.7 | 11.7<br>12.1<br>12.1<br>11.7<br>10.0<br>12.4 |        | 10.7<br>10.9<br>10.9<br>11.1<br>10.1<br>11.8 |        | 12<br>15<br>12<br>17<br>16<br>17 | 52<br>57<br>58<br>186<br>123<br>200 |        | 3        | 144<br>135<br>158<br>118<br>92<br>125 | 80<br>70<br>75<br>70<br>45<br>60 |
| <b>ITALY</b><br>16245 PRATICA DI MARE  | 4139N  | 01227E   | 21                                  |           | 1009.0  | 1012.0   | 17.5   |        | 15.4   |        | 12                               | 72                                  | 36     | 5        |                                       |                                  |
| <b>ASIA</b>  |  |  |                                     |           |   |  |  |        |  |        |                                  |                                     |        |          |                                       |                                  |

# 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>RUSSIAN FEDERATION (ASIA)</b><br>25745 KAMENSKOE   | 6228N    | 16612E    | 40        |           | 1012.0       | 1017.0         | 4.4         |        | 6.1            |        | 5             | 19    |        |          | 220      | 95       |
| <b>KAZAKHSTAN</b><br>35357 BARSHINO                   | 4941N    | 06931E    | 350       |           | 974.0        | 1015.2         | 13.4        |        | 7.1            |        | 4             | 11    |        |          | 322      |          |
| <b>INDIA</b><br>43150 CWC VISHAKHAPATNAM/WALTAIR      | 1742N    | 08318E    | 66        |           | 995.5        | 1002.8         | 31.0        |        | 33.7           |        | 2             | 10    |        |          | 214      | 95       |
| <b>THAILAND</b><br>48565 PHUKET AIRPORT               | 0809N    | 09819E    | 9         |           | 1006.8       | 1007.8         | 28.8        | .8     | 32.1           | .9     | 15            | 363   | 18     | 4        |          |          |
| <b>AFRICA</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>NIGER</b><br>61053 DOSSO                           | 1302N    | 00318E    | 213       |           |              |                | 33.9        |        | 23.1           |        | 1             | 4     |        |          | 273      |          |
| <b>MAURITIUS</b><br>61995 VACOAS (MAURITIUS)          | 2018S    | 05730E    | 425       |           | 969.8        |                | 20.9        | 7.6    | 20.2           |        | 13            | 39    |        | 0        | 236      | 105      |
| <b>LIBYA</b><br>62103 GHADAMES                        | 3008N    | 00930E    | 347       |           | 971.4        |                | 31.8        |        | 9.3            |        | 0             | 0     |        | 5        | 292      | 95       |
| <b>KENYA</b><br>63612 LODWAR                          | 0307N    | 03537E    | 506       |           | 955.9        | 1012.0         | 30.3        | .6     | 22.4           | 1.4    | 3             | 33    | 12     | 4        |          |          |
| <b>SOUTH AFRICA</b><br>68592 KING SHAKA INT'L AIRPORT | 2936S    | 03107E    | 109       |           |              |                | 19.1        |        | 14.3           |        | 6             | 76    |        |          | 242      |          |
| <b>N AMERICA</b>                                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# 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>USA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 72244 HOUSTON, TX WM P HOBBY ARPT  | 2938N    | 09516W    | 15        |           | 1013.4       | 1015.7         | 24.1        |        | 21.2           |        | 3             | 75    |        |          |          |          |
| 72247 LONGVIEW, TX.                | 3221N    | 09439W    | 124       |           | 1001.5       | 1014.7         | 22.3        |        | 18.8           |        | 6             | 74    |        |          |          |          |
| 72258 DALLAS, TX DALLAS LOVE FIELD | 3250N    | 09651W    | 156       |           | 996.4        | 1013.8         |             |        | 18.1           |        | 6             | 108   |        |          |          |          |
| 72272 DOUGLASS BISBEE, AZ INTL ARP | 3128N    | 10936W    | 1251      |           | 874.9        | 1010.5         | 21.0        |        | 4.1            |        | 0             | 0     |        |          |          |          |
| 72301 HICKORY, NC HICKORY RGNL ARP | 3544N    | 08123W    | 357       |           | 975.8        | 1017.0         |             |        | 14.8           |        | 11            | 141   |        |          |          |          |
| 72307 ELIZABETH CITY, NC CG AIR ST | 3615N    | 07610W    | 12        |           |              | 1018.8         | 19.3        |        | 15.9           |        | 7             | 30    |        |          |          |          |
| 72316 ALMA, GA BACON COUNTY ARPT   | 3132N    | 08230W    | 44        |           |              | 1017.7         | 21.2        |        | 15.7           |        | 6             | 77    |        |          |          |          |
| 72319 ANDERSON RGNL ARPT           | 3429N    | 08242W    | 240       |           | 990.4        | 1017.8         |             |        | 15.8           |        | 8             | 117   |        |          |          |          |
| 72325 CROSSVILLE, TN               | 3557N    | 08505W    | 571       |           | 951.7        | 1017.5         | 16.3        |        | 13.8           |        | 4             | 192   |        |          |          |          |
| 72328 CLARKSVILLE, TN              | 3637N    | 08724W    | 171       |           | 996.4        | 1016.2         | 18.9        |        | 16.1           |        | 5             | 74    |        |          |          |          |
| 72329 CAPE GIRARDEAU, MO           | 3713N    | 08934W    | 103       |           | 1002.5       | 1015.3         | 18.5        |        | 16.8           |        | 6             | 85    |        |          |          |          |
| 72335 BRISTOL-JOHNSON-KINGSPORT, T | 3628N    | 08223W    | 469       |           | 963.9        | 1017.0         | 16.9        |        | 13.6           |        | 12            | 104   |        |          |          |          |
| 72345 HARRISON, AR BOONE COUNTY AP | 3615N    | 09309W    | 421       |           | 965.8        | 1014.9         | 17.5        |        | 15.5           |        | 9             | 121   |        |          |          |          |
| 72366 CHILDRESS, TX CHILDRESS MUNI | 3426N    | 10017W    | 595       |           | 944.1        | 1011.6         | 21.6        |        | 11.9           |        | 4             | 14    |        |          |          |          |
| 72398 SALISBURY, MD                | 3820N    | 07530W    | 20        |           | 1016.3       | 1018.7         | 18.1        |        | 14.3           |        | 8             | 84    |        |          |          |          |
| 72399 HARRISBURG, PA               | 4011N    | 07645W    | 96        |           | 1006.4       | 1018.0         | 16.4        |        | 13.2           |        | 10            | 65    |        |          |          |          |
| 72418 WILMINGTON, DE NEW CASTLE AP | 3940N    | 07536W    | 23        |           | 1015.6       | 1018.6         | 17.1        |        | 14.1           |        | 11            | 55    |        |          |          |          |
| 72419 JACKSON, KY JULIAN CARROL AP | 3735N    | 08318W    | 414       |           |              | 1017.1         | 17.7        |        | 14.8           |        | 11            | 107   |        |          |          |          |
| 72420 MANSFIELD, OH                | 4049N    | 08231W    | 396       |           | 969.7        | 1016.7         | 16.5        |        | 13.1           |        | 7             | 61    |        |          |          |          |
| 72427 OAK RIDGE, TN                | 3601N    | 08413W    | 279       |           | 985.3        | 1017.6         |             |        | 15.1           |        | 11            | 135   |        |          |          |          |
| 72442 ROLLA-VICHY, MO, ROLLA NAT A | 3807N    | 09146W    | 344       |           | 973.6        | 1014.2         | 16.6        |        | 15.8           |        | 7             | 181   |        |          |          |          |
| 72443 QUINCY, IL                   | 3956N    | 09111W    | 237       |           | 986.5        | 1014.0         | 17.0        |        | 14.9           |        | 10            | 289   |        |          |          |          |
| 72453 PONCA CITY, OK               | 3643N    | 09705W    | 309       |           | 977.5        | 1013.0         |             |        | 16.7           |        | 7             | 100   |        |          |          |          |
| 72477 EUREKA, NV RAMOS             | 3936N    | 11600W    | 1811      |           | 816.1        | 1013.0         | 11.4        |        | 4.6            |        | 3             | 16    |        |          |          |          |
| 72495 CONCORD, CA                  | 3759N    | 12203W    | 12        |           | 1013.0       | 1014.1         | 18.4        |        | 9.8            |        | 01            | 1     |        |          |          |          |
| 72505 ISLIP, NY, LONG IS ARTHUR AP | 4047N    | 07306W    | 44        |           | 1013.7       | 1017.7         | 14.6        | 1.9    | 12.8           |        | 9             | 77    | -12    | 3        |          |          |
| 72506 NEW YORK, NY CENTRAL PARK    | 4046N    | 07358W    | 48        |           |              | 1018.2         | 16.7        |        | 13.3           |        | 7             | 203   |        |          |          |          |
| 72510 WORCESTER, MA WORCESTER RGNL | 4216N    | 07152W    | 306       |           | 978.5        | 1017.9         | 13.7        |        | 11.3           |        | 11            | 113   |        |          |          |          |
| 72522 GLENN FALLS, NY              | 4320N    | 07336W    | 104       |           |              | 1017.1         | 14.1        |        | 11.4           |        | 10            | 98    |        |          |          |          |
| 72542 BURLINGTON, IA               | 4046N    | 09107W    | 212       |           |              | 1014.1         | 16.3        |        | 15.1           |        | 11            | 292   |        |          |          |          |
| 72585 HAYWARD, CA HAYWARD EXEC ARP | 3739N    | 12207W    |           |           | 1014.6       | 1017.3         | 17.0        |        | 11.4           |        | 01            | 1     |        |          |          |          |
| 72593 SALINAS, CA SALINAS MUNI ARP | 3639N    | 12136W    | 24        |           | 1013.7       | 1017.6         | 15.7        |        | 11.5           |        | 0             | 0     |        |          |          |          |
| 72607 BANGOR, ME BANGOR INTL ARPT  | 4448N    | 06849W    | 60        |           | 1010.3       | 1017.3         | 11.8        |        | 10.6           |        | 11            | 116   |        |          |          |          |
| 72656 PIERRE, SD, PIERRE RGNL ARPT | 4422N    | 10017W    | 527       |           |              | 1013.1         | 13.2        |        | 10.6           |        | 9             | 106   |        |          |          |          |
| 72659 ABERDEEN/REG., SD.           | 4527N    | 09824W    | 398       |           | 966.8        | 1014.1         | 13.4        | -5     | 10.3           |        | 11            | 110   | 49     | 5        |          |          |
| 72669 RAWLINGS, WY                 | 4148N    | 10712W    | 2065      |           |              | 1012.5         | 10.7        |        | 4.6            |        | 4             | 12    |        |          |          |          |
| 72692 ROBERT FIELD ARPT            | 4415N    | 12109W    | 936       |           | 909.2        | 1016.8         | 10.8        |        | 6.4            |        | 3             | 15    |        |          |          |          |
| 72757 GRAND FORKS, ND              | 4756N    | 09710W    | 257       |           | 983.9        | 1014.6         | 11.6        |        | 9.7            |        | 8             | 122   |        |          |          |          |
| 72763 DICKINSON, ND                | 4647N    | 10248W    | 791       |           |              | 1015.0         | 11.3        |        | 8.3            |        | 6             | 153   |        |          |          |          |
| 72769 CUT BANK, MT CUT BANK MUNI A | 4836N    | 11222W    | 1175      |           | 883.0        | 1015.6         | 11.1        |        | 7.0            |        | 4             | 47    |        |          |          |          |
| 72770 DILLON, MT DILLON ARPT       | 4515N    | 11233W    | 1591      |           | 839.1        | 1014.5         | 11.4        |        | 6.2            |        | 8             | 61    |        |          |          |          |
| 72774 BUTTE, MT MT BERT MOONEY ARP | 4557N    | 11230W    | 1688      |           |              | 1016.0         | 9.3         |        | 6.0            |        | 6             | 61    |        |          |          |          |



# 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. |
| 72787 DEER PARK, WA DEER PARK ARPT | 4758N    | 11725W    | 670       |           |              | 1016.7         |             |        | 8.7            |        | 8             | 29    |        |          |       |          |
| 72790 EPHRATA, WA EPHRATA MUNI ARP | 4718N    | 11930W    | 384       |           |              | 1015.3         |             |        | 7.2            |        | 4             | 18    |        |          |       |          |
| 74641 GAGE, OK GAGE ARPT           | 3617N    | 09946W    | 669       |           | 935.5        | 1011.9         |             |        | 12.8           |        | 2             | 11    |        |          |       |          |
| 74736 DALHART, TX DALHART MUNI ARP | 3601N    | 10232W    | 1217      |           |              | 1011.3         | 18.0        |        | 6.2            |        | 2             | 11    |        |          |       |          |
| 74739 FORT WORTH MEACHAM INTL ARPT | 3249N    | 09721W    | 215       |           | 988.3        | 1013.3         |             |        | 19.3           |        | 5             | 65    |        |          |       |          |
| 74746 COLLEGE STATION, TX          | 3035N    | 09621W    | 100       |           | 1002.9       | 1014.6         |             | 23.4   | 20.4           |        | 5             | 171   |        |          |       |          |
| 74756 GAINSVILLE, FL               | 2941N    | 08216W    | 46        |           | 1011.5       | 1017.4         |             | 22.2   | 17.7           |        | 6             | 116   |        |          |       |          |
| 74757 GULFPORT, MS                 | 3024N    | 08904W    | 16        |           |              |                |             |        | 20.3           |        | 9             | 146   |        |          |       |          |
| 74758 GREENWOOD, MS                | 3329N    | 09005W    | 45        |           |              | 1016.4         |             | 20.0   | 18.7           |        | 10            | 160   |        |          |       |          |
| 74759 HATTIESBURG, MS              | 3115N    | 08915W    | 45        |           | 1011.9       | 1017.2         |             | 21.1   | 17.8           |        | 5             | 158   |        |          |       |          |
| 74768 GREENVILLE, MS               | 3328N    | 09059W    | 46        |           | 1011.2       | 1016.6         |             | 20.4   | 19.1           |        | 6             | 98    |        |          |       |          |
| 74782 JACKSONVILLE, FL             | 3020N    | 08130W    | 14        |           | 1016.3       | 1017.8         |             |        | 18.6           |        | 9             | 155   |        |          |       |          |
| 74783 FORT LAUDERALE, FL           | 2604N    | 08009W    | 37        |           |              |                |             | 25.9   | 23.7           |        | 7             | 398   |        |          |       |          |
| 74787 DAYTONA BEACH, FL            | 2910N    | 08103W    | 10        |           | 1016.1       | 1017.6         |             | 23.0   | 20.4           |        | 7             | 230   |        |          |       |          |
| 74793 VERO BEACH, FL               | 2739N    | 08025W    | 12        |           | 1016.1       | 1017.1         |             | 23.6   | 22.1           |        | 9             | 208   |        |          |       |          |
| <b>BERMUDA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78016 BERMUDA INTERNATIONAL AIRPOR | 3222N    | 06440W    | 130       |           | 1022.1       | 1022.5         |             | 20.7   | 17.8           |        | 10            | 50    |        |          |       | 277      |
| <b>ANTARCTICA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>AUSTRALIA (ANTARCTIC)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89577 DOME A                       | 8022S    | 07722E    | 4084      |           | 642.5        |                |             |        |                |        |               |       |        |          |       |          |
| 89578 EAGLE                        | 7625S    | 07701E    | 2824      |           | 676.2        |                |             | -46.3  |                |        |               |       |        |          |       |          |
| <b>USA (ANTARCTIC)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89329 UNI. WIHARRY                 | 8300S    | 12123W    | 945       |           | 869.7        |                |             | -29.1  |                |        |               |       |        |          |       |          |
| <b>NETHERLANDS (ANTARCTIC)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89003 HALVFARRYGGEN EP11           | 7109S    | 00641W    | 694       |           | 900.5        |                |             |        |                |        |               |       |        |          |       |          |
| <b>NETHERLANDS (ANTARCTIC)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89507 KOHNEN EP9                   | 7500S    | 00000W    | 2892      |           | 673.1        |                |             |        |                |        |               |       |        |          |       |          |
| JUNE 2013                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>EUROPE</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |

# 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>SWEDEN</b><br>02197 HAPARANDA   | 6549N                                     | 02406E   | 15                            |           | 1011.3  | 1013.1   | 15.2                                 |        | 13.8                                 |        | 10                        | 87                          |        | 5        | 276                             | 90                            |
| <b>IRELAND</b><br>03956 JOHNSTOWN CASTLE   | 5217N                                     | 00629W   | 63                            |           | 1010.7  | 1018.2   | 13.4                                 |        | 12.5                                 |        | 7                         | 44                          |        |          |                                 |                               |
| <b>SPAIN</b><br>08221 MADRID/BARAJAS   | 4030N                                     | 00335W   | 633                           |           | 949.9   | 1015.1   | 21.1                                 | .7     | 9.0                                  | -3.8   | 2                         | 3                           | -23    | 1        | 346                             | 117                           |
| <b>GERMANY</b><br>10309 AHAUS<br>10424 WERL<br>10442 ALFELD<br>10686 WUNSIEDEL-SCHOENBRUNN<br>10731 RHEINSTETTEN | 5204N<br>5134N<br>5157N<br>5001N<br>4858N | 00656E<br>00753E<br>00948E<br>01158E<br>00819E | 47<br>86<br>145<br>623<br>118 |           | 1012.1<br>1007.5<br>1000.2<br>944.6<br>1003.6 | 1017.7<br>1017.8<br>1017.4<br>1016.4<br>1017.5 | 15.6<br>15.8<br>15.4<br>14.1<br>17.6 |        | 13.1<br>13.5<br>13.4<br>12.2<br>14.8 |        | 11<br>11<br>7<br>10<br>11 | 111<br>64<br>46<br>96<br>74 |        |          | 183<br>172<br>195<br>200<br>245 | 95<br>85<br>110<br>100<br>115 |
| <b>RUSSIAN FEDERATION (EUROPE)</b><br>34880 ASTRAHAN'  | 4617N                                     | 04759E   | -21                           |           | 1012.2  | 1009.8   | 24.5                                 | 1.7    | 14.9                                 | -2     | 5                         | 14                          | -6     | 3        |                                 |                               |
| <b>ASIA</b>  |   |  |                               |           |   |  |                                      |        |                                      |        |                           |                             |        |          |                                 |                               |
| <b>RUSSIAN FEDERATION (ASIA)</b><br>25745 KAMENSKOE  | 6228N                                     | 16612E   | 40                            |           | 1005.0  | 1009.8   | 11.0                                 |        | 9.4                                  |        | 10                        | 30                          |        |          | 189                             | 70                            |
| <b>KAZAKHSTAN</b><br>35357 BARSHINO  | 4941N                                     | 06931E   | 350                           |           | 968.7   | 1008.6   | 20.3                                 |        | 8.7                                  |        |                           | 3                           |        |          | 325                             |                               |
| <b>JAPAN</b>   |   |  |                               |           |   |  |                                      |        |                                      |        |                           |                             |        |          |                                 |                               |

# 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>47800 IZUHARA</b>               | <b>3412N</b> | <b>12910E</b> | <b>19</b> |           | <b>1008.0</b> | <b>1008.5</b>  | <b>21.5</b> | <b>1.0</b> | <b>22.4</b>    | <b>2.6</b> | <b>12</b>     | <b>313</b> | <b>-4</b> | <b>3</b> | <b>82</b> | <b>61</b> |
| <b>CHINA</b>                       |              |               |           |           |               |                |             |            |                |            |               |            |           |          |           |           |
| 51463 WU LU MU QI                  | 4348N        | 08739E        | 947       |           | 903.8         | 1006.6         | 21.5        |            | 10.6           |            | 4             | 31         |           | 3        | 325       | 110       |
| 57993 GANZHOU                      | 2552N        | 11500E        | 138       |           | 989.6         | 1005.3         | 28.2        | 1.4        | 28.3           | 1.1        | 12            | 104        | -105      | 1        | 176       | 104       |
| 59316 SHANTOU                      | 2324N        | 11640E        | 3         |           | 1005.9        | 1006.4         | 27.9        | 1.4        | 31.0           | .9         | 15            | 381        | 79        | 4        | 175       | 107       |
| <b>AFRICA</b>                      |              |               |           |           |               |                |             |            |                |            |               |            |           |          |           |           |
| <b>NIGER</b>                       |              |               |           |           |               |                |             |            |                |            |               |            |           |          |           |           |
| 61053 DOSSO                        | 1302N        | 00318E        | 213       |           |               |                | 31.3        |            |                |            | 10            | 74         |           |          | 247       |           |
| <b>N AMERICA</b>                   |              |               |           |           |               |                |             |            |                |            |               |            |           |          |           |           |
| <b>USA</b>                         |              |               |           |           |               |                |             |            |                |            |               |            |           |          |           |           |
| 72244 HOUSTON, TX WM P HOBBY ARPT  | 2938N        | 09516W        | 15        |           | 1011.9        | 1014.2         | 29.3        |            | 24.6           |            | 7             | 35         |           |          |           |           |
| 72258 DALLAS, TX DALLAS LOVE FIELD | 3250N        | 09651W        | 156       |           | 995.8         | 1012.7         |             |            | 21.5           |            | 5             | 81         |           |          |           |           |
| 72272 DOUGLASS BISBEE, AZ INTL ARP | 3128N        | 10936W        | 1251      |           |               | 1008.0         | 27.4        |            | 5.7            |            | 1             | 3          |           |          |           |           |
| 72301 HICKORY, NC HICKORY RGNL ARP | 3544N        | 08123W        | 357       |           | 973.1         | 1013.8         |             |            | 20.6           |            | 15            | 246        |           |          |           |           |
| 72307 ELIZABETH CITY, NC CG AIR ST | 3615N        | 07610W        | 12        |           | 1014.6        | 1015.0         | 24.5        |            | 23.8           |            | 9             | 168        |           |          |           |           |
| 72316 ALMA, GA BACON COUNTY ARPT   | 3132N        | 08230W        | 44        |           | 1008.1        | 1015.4         | 26.7        |            | 23.8           |            | 14            | 198        |           |          |           |           |
| 72319 ANDERSON RGNL ARPT           | 3429N        | 08242W        | 240       |           | 987.6         | 1014.9         |             |            | 23.2           |            | 11            | 248        |           |          |           |           |
| 72325 CROSSVILLE, TN               | 3557N        | 08505W        | 571       |           | 950.1         | 1015.1         | 21.6        |            | 20.0           |            | 14            | 98         |           |          |           |           |
| 72328 CLARKSVILLE, TN              | 3637N        | 08724W        | 171       |           | 994.2         | 1013.9         | 23.6        |            | 22.0           |            | 3             | 59         |           |          |           |           |
| 72329 CAPE GIRARDEAU, MO           | 3713N        | 08934W        | 103       |           | 1000.9        | 1013.5         | 24.3        |            | 21.3           |            | 6             | 197        |           |          |           |           |
| 72335 BRISTOL-JOHNSON-KINGSPORT, T | 3628N        | 08223W        | 469       |           | 961.6         | 1014.0         | 22.4        |            | 19.5           |            | 14            | 213        |           |          |           |           |
| 72345 HARRISON, AR BOONE COUNTY AP | 3615N        | 09309W        | 421       |           | 965.6         | 1014.0         | 23.6        |            | 20.0           |            | 2             | 24         |           |          |           |           |
| 72366 CHILDRESS, TX CHILDRESS MUNI | 3426N        | 10017W        | 595       |           | 944.5         | 1011.3         | 27.3        |            | 17.9           |            | 5             | 85         |           |          |           |           |
| 72398 SALISBURY, MD                | 3820N        | 07530W        | 20        |           | 1011.7        | 1014.2         | 24.2        |            | 21.7           |            | 12            | 252        |           |          |           |           |
| 72399 HARRISBURG, PA               | 4011N        | 07645W        | 96        |           | 1001.7        | 1013.1         | 22.2        |            | 19.0           |            | 12            | 96         |           |          |           |           |
| 72418 WILMINGTON, DE NEW CASTLE AP | 3940N        | 07536W        | 23        |           | 1010.7        | 1013.6         | 22.8        |            | 19.7           |            | 13            | 347        |           |          |           |           |
| 72419 JACKSON, KY JULIAN CARROL AP | 3735N        | 08318W        | 414       |           | 966.6         | 1014.3         | 22.2        |            | 20.6           |            | 11            | 162        |           |          |           |           |
| 72420 MANSFIELD, OH                | 4049N        | 08231W        | 396       |           | 967.2         | 1013.8         | 20.2        |            | 17.6           |            | 8             | 178        |           |          |           |           |
| 72427 OAK RIDGE, TN                | 3601N        | 08413W        | 279       |           | 982.9         | 1014.5         |             |            | 21.4           |            | 12            | 201        |           |          |           |           |
| 72442 ROLLA-VICHY, MO, ROLLA NAT A | 3807N        | 09146W        | 344       |           | 973.1         | 1013.2         | 21.8        |            | 21.6           |            | 8             | 96         |           |          |           |           |
| 72443 QUINCY, IL                   | 3956N        | 09111W        | 237       |           | 985.6         | 1012.8         | 22.8        |            | 19.7           |            | 4             | 46         |           |          |           |           |
| 72453 PONCA CITY, OK               | 3643N        | 09705W        | 309       |           | 977.1         | 1012.0         |             |            | 19.7           |            | 6             | 61         |           |          |           |           |
| 72477 EUREKA, NV RAMOS             | 3936N        | 11600W        | 1811      |           | 818.2         | 1010.5         | 18.0        |            | 4.6            |            | 01            | 1          |           |          |           |           |
| 72495 CONCORD, CA                  | 3759N        | 12203W        | 12        |           | 1010.3        | 1011.3         | 20.5        |            | 12.2           |            | 1             | 3          |           |          |           |           |

# 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. |
| 72505 ISLIP, NY, LONG IS ARTHUR AP | 4047N    | 07306W    | 44        |           | 1008.8       | 1012.8         | 20.9        | 3.3    | 18.2           |        | 9             | 207   | 131    | 5        |          |          |
| 72506 NEW YORK, NY CENTRAL PARK    | 4046N    | 07358W    | 48        |           | 1008.1       | 1013.0         | 22.4        |        | 18.0           |        | 12            | 257   |        |          |          |          |
| 72510 WORCESTER, MA WORCESTER RGNL | 4216N    | 07152W    | 306       |           | 976.8        | 1013.5         | 18.6        |        | 16.4           |        | 12            | 256   |        |          |          |          |
| 72522 GLENN FALLS, NY              | 4320N    | 07336W    | 104       |           | 1000.3       | 1012.5         | 18.1        |        | 16.7           |        | 14            | 145   |        |          |          |          |
| 72542 BURLINGTON, IA               | 4046N    | 09107W    | 212       |           | 987.6        | 1013.0         | 20.9        |        | 20.4           |        | 5             | 58    |        |          |          |          |
| 72585 HAYWARD, CA HAYWARD EXEC ARP | 3739N    | 12207W    |           |           | 1011.7       | 1014.5         | 17.9        |        | 14.3           |        | 0             | 0     |        |          |          |          |
| 72593 SALINAS, CA SALINAS MUNI ARP | 3639N    | 12136W    | 24        |           | 1011.2       | 1015.0         | 16.5        |        | 13.8           |        | 1             | 1     |        |          |          |          |
| 72607 BANGOR, ME BANGOR INTL ARPT  | 4448N    | 06849W    | 60        |           | 1005.3       | 1012.0         | 17.4        |        | 14.9           |        | 7             | 139   |        |          |          |          |
| 72656 PIERRE, SD, PIERRE RGNL ARPT | 4422N    | 10017W    | 527       |           | 951.1        | 1011.8         | 19.1        |        | 15.8           |        | 6             | 75    |        |          |          |          |
| 72669 RAWLINGS, WY                 | 4148N    | 10712W    | 2065      |           | 794.8        | 1010.7         | 16.7        |        | 4.7            |        | 01            | 1     |        |          |          |          |
| 72692 ROBERT FIELD ARPT            | 4415N    | 12109W    | 936       |           | 908.4        | 1015.1         | 15.1        |        | 8.1            |        | 2             | 12    |        |          |          |          |
| 72757 GRAND FORKS, ND              | 4756N    | 09710W    | 257       |           | 981.7        | 1011.7         | 18.7        |        | 14.4           |        | 10            | 79    |        |          |          |          |
| 72763 DICKINSON, ND                | 4647N    | 10248W    | 791       |           | 922.5        | 1012.9         | 16.2        |        | 13.7           |        | 9             | 59    |        |          |          |          |
| 72769 CUT BANK, MT CUT BANK MUNI A | 4836N    | 11222W    | 1175      |           | 881.8        | 1013.5         | 14.2        |        | 9.7            |        | 7             | 57    |        |          |          |          |
| 72770 DILLON, MT DILLON ARPT       | 4515N    | 11233W    | 1591      |           | 839.0        | 1012.9         | 14.7        |        | 8.9            |        | 8             | 42    |        |          |          |          |
| 72774 BUTTE, MT MT BERT MOONEY ARP | 4557N    | 11230W    | 1688      |           | 830.2        | 1014.1         | 13.5        |        | 7.6            |        | 7             | 42    |        |          |          |          |
| 72787 DEER PARK, WA DEER PARK ARPT | 4758N    | 11725W    | 670       |           | 936.7        | 1014.7         |             |        | 11.3           |        | 10            | 89    |        |          |          |          |
| 72790 EPHRATA, WA EPHRATA MUNI ARP | 4718N    | 11930W    | 384       |           | 968.3        | 1013.3         |             |        | 9.9            |        | 7             | 35    |        |          |          |          |
| 74641 GAGE, OK GAGE ARPT           | 3617N    | 09946W    | 669       |           | 935.7        | 1011.1         |             |        | 17.7           |        | 7             | 104   |        |          |          |          |
| 74736 DALHART, TX DALHART MUNI ARP | 3601N    | 10232W    | 1217      |           | 877.9        | 1009.9         | 25.6        |        | 11.2           |        | 3             | 16    |        |          |          |          |
| 74739 FORT WORTH MEACHAM INTL ARPT | 3249N    | 09721W    | 215       |           | 987.6        | 1012.3         |             |        | 23.1           |        | 4             | 94    |        |          |          |          |
| 74746 COLLEGE STATION, TX          | 3035N    | 09621W    | 100       |           | 1001.9       | 1013.4         | 28.8        |        | 23.2           |        | 3             | 32    |        |          |          |          |
| 74756 GAINSVILLE, FL               | 2941N    | 08216W    | 46        |           | 1010.0       | 1015.8         | 27.3        |        | 24.8           |        | 13            | 159   |        |          |          |          |
| 74757 GULFPORT, MS                 | 3024N    | 08904W    | 16        |           | 1013.4       | 1014.5         |             |        | 26.8           |        | 8             | 87    |        |          |          |          |
| 74758 GREENWOOD, MS                | 3329N    | 09005W    | 45        |           | 1009.5       | 1014.3         | 25.9        |        | 24.4           |        | 6             | 77    |        |          |          |          |
| 74759 HATTIESBURG, MS              | 3115N    | 08915W    | 45        |           | 1009.5       | 1014.8         | 26.8        |        | 25.4           |        | 9             | 129   |        |          |          |          |
| 74768 GREENVILLE, MS               | 3328N    | 09059W    | 46        |           | 1009.3       | 1014.6         | 26.6        |        | 23.3           |        | 3             | 32    |        |          |          |          |
| 74782 JACKSONVILLE, FL             | 3020N    | 08130W    | 14        |           | 1014.4       | 1015.9         |             |        | 25.5           |        | 14            | 178   |        |          |          |          |
| 74783 FORT LAUDERALE, FL           | 2604N    | 08009W    | 37        |           |              | 1016.2         | 28.4        |        | 28.8           |        | 10            | 374   |        |          |          |          |
| 74787 DAYTONA BEACH, FL            | 2910N    | 08103W    | 10        |           | 1014.9       | 1016.4         | 27.2        |        | 27.5           |        | 18            | 188   |        |          |          |          |
| 74793 VERO BEACH, FL               | 2739N    | 08025W    | 12        |           | 1015.6       | 1016.6         | 27.5        |        | 28.1           |        | 9             | 139   |        |          |          |          |
| <b>CANADA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 71603 YARMOUTH UA, NS              | 4352N    | 06606W    | 43        |           | 1008.4       | 1013.5         | 14.8        | 1.4    | 14.8           |        | 13            | 189   | 96     | 5        |          |          |
| <b>ANTARCTICA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>AUSTRALIA (ANTARCTIC)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89577 DOME A                       | 8022S    | 07722E    | 4084      |           | 606.1        |                |             |        |                |        |               |       |        |          |          |          |
| 89578 EAGLE                        | 7625S    | 07701E    | 2824      |           | 690.2        |                | -47.8       |        |                |        |               |       |        |          |          |          |

# 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>USA (ANTARCTIC)</b><br>89329 UNI. WI HARRY                   | 8300S    | 12123W    | 945       |           | 875.8        |                | -34.3       |        |                |        |               |       |        |          |          |          |  |
| <b>NETHERLANDS (ANTARCTIC)</b><br>89003 HALVFARRYGEN EP11       | 7109S    | 00641W    | 694       |           | 912.2        |                |             |        |                |        |               |       |        |          |          |          |  |
| <b>NETHERLANDS (ANTARCTIC)</b><br>89507 KOHNEN EP9<br>JULY 2013 | 7500S    | 00000W    | 2892      |           | 685.7        |                |             |        |                |        |               |       |        |          |          |          |  |
| <b>ASIA</b><br><br><b>INDIA</b><br>42587 DALTONGANJ             | 2403N    | 08404E    | 221       |           | 971.1        | 996.5          | 30.1        | .9     | 31.4           |        | 13            | 279   | -77    | 3        |          |          |  |

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| 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 - POLAND</b><br><b>LEGIONOWO</b><br>12374 AUG 2013 5224N 02058E OB 3 |        |              |       |                      |              |            |           |       | <b>EUROPE - POLAND</b><br><b>WROCLAW I</b><br>12425 AUG 2013 5107N 01653E OB 3 |             |              |       |                      |              |            |           |       | <b>EUROPE - GREECE</b><br><b>HERAKLION (AIRPORT)</b><br>16754 AUG 2013 3520N 02511E OB / |        |              |             |                      |              |            |           |       |
| 030  | 24325  | 0            | -50.5 | 33.4                 | 0            | 59         | 96        | 3     | 030  | 24320       | 0            | -50.2 | 32.3                 | 0            | 66         | 116       | 3     | 030  | 24170  | 13           | -53.8       | 32.0                 | 9            | 99         | 89        | 17    |
| 050  | 21011  | 0            | -52.4 | 32.4                 | 0            | 38         | 147       | 1     | 050  | 21010       | 0            | -52.8 | 31.3                 | 0            | 52         | 139       | 2     | 050  | 20942  | 4            | -60.6       | 29.3                 | 4            | 94         | 98        | 9     |
| 100  | 16549  | 0            | -53.5 | 32.0                 | 0            | 86         | 255       | 7     | 100  | 16557       | 0            | -54.3 | 30.7                 | 0            | 88         | 257       | 7     | 100  | 16739  | 3            | -69.2       | 17.8                 | 3            | 94         | 225       | 12    |
| 150  | 13936  | 0            | -52.0 | 31.9                 | 0            | 84         | 264       | 11    | 150  | 13953       | 0            | -52.6 | 30.4                 | 0            | 85         | 261       | 12    | 150  | 14277  | 2            | -60.4       | 22.1                 | 2            | 98         | 235       | 25    |
| 200  | 12074  | 0            | -52.8 | 21.9                 | 0            | 73         | 269       | 13    | 200  | 12096       | 0            | -53.8 | 19.0                 | 0            | 78         | 266       | 14    | 200  | 12436  | 2            | -48.1       | 27.4                 | 2            | 97         | 242       | 27    |
| 300  | 9421   | 0            | -41.5 | 11.5                 | 0            | 66         | 269       | 12    | 300  | 9443        | 0            | -41.0 | 11.7                 | 0            | 68         | 261       | 13    | 300  | 9655   | 1            | -30.3       | 32.6                 | 1            | 94         | 249       | 21    |
| 500  | 5752   | 0            | -14.4 | 14.9                 | 0            | 63         | 267       | 8     | 500  | 5764        | 0            | -14.0 | 14.6                 | 0            | 67         | 266       | 8     | 500  | 5847   | 1            | -6.1        | 34.8                 | 1            | 85         | 263       | 7     |
| 700  | 3122   | 0            | .8    | 9.0                  | 0            | 46         | 266       | 4     | 700  | 3130        | 0            | 1.6   | 12.3                 | 0            | 60         | 266       | 5     | 700  | 3141   | 1            | 9.5         | 29.9                 | 1            | 48         | 342       | 2     |
| 850  | 1535   | 0            | 10.3  | 5.3                  | 0            | 40         | 273       | 3     | 850  | 1540        | 0            | 10.8  | 6.0                  | 0            | 32         | 251       | 2     | 850  | 1506   | 1            | 18.3        | 15.0                 | 1            | 93         | 350       | 6     |
| 1007   | * 96   |              | 19.6  | 7.7                  |              |            |           |       | 1004   | * 122       |              | 19.1  | 7.1                  |              |            |           |       | 1006   | * 39   |              | 23.9        | 6.0                  |              |            |           |       |
| <b>EUROPE - CYPRUS</b><br><b>ATHALASSA</b><br>17607 AUG 2013 3509N 03324E OB 2 |        |              |       |                      |              |            |           |       | <b>EUROPE - JORDAN</b><br><b>MAFRAQ</b><br>40265 AUG 2013 3222N 03615E OB 3    |             |              |       |                      |              |            |           |       | <b>ASIA - SAUDI ARABIA</b><br><b>AL-QAISUMAH</b><br>40373 AUG 2013 2819N 04608E OB       |        |              |             |                      |              |            |           |       |
| 030  | 24165  | 2            | -52.9 | 32.6                 | 2            | 99         | 95        | 16    | 030  | 26815       | 0            | -73.9 |                      | 0            | 83         | 186       | 8     | 030  | 24061  | 17           | -55.3       | 32.1                 | 9            | 99         | 92        | 36    |
| 050  | 20929  | 1            | -60.8 | 29.7                 | 1            | 97         | 98        | 11    | 050  | 24378       | 0            | -61.8 |                      | 0            | 90         | 228       | 14    | 050  | 20860  | 13           | -63.5       | 26.6                 | 9            | 97         | 89        | 30    |
| 100  | 16765  | 1            | -71.7 | 16.9                 | 1            | 86         | 236       | 8     | 100  | 12552       | 0            | -48.3 |                      | 0            | 90         | 243       | 11    | 100  | 16774  | 8            | -76.4       | 11.3                 | 9            | 88         | 104       | 18    |
| 150  | 14321  | 0            | -61.1 | 21.1                 | 0            | 98         | 251       | 19    | 150  | 19762       | 0            | -27.8 |                      | 0            | 93         | 260       | 10    | 150  | 14369  | 7            | -62.6       | 16.9                 | 9            | 38         | 120       | 5     |
| 200  | 12482  | 0            | -47.9 | 27.0                 | 0            | 98         | 252       | 22    | 200  | 17630       | 0            | -13.2 | 29.5                 | 0            | 93         | 256       | 12    | 200  | 12538  | 6            | -48.4       | 23.3                 | 9            | 21         | 177       | 3     |
| 300  | 9692   | 0            | -28.2 | 34.2                 | 0            | 96         | 256       | 21    | 300  | 5895        | 0            | -2.1  | 37.0                 | 0            | 89         | 260       | 8     | 300  | 9750   | 5            | -27.9       | 28.8                 | 8            | 31         | 195       | 4     |
| 500  | 5854   | 0            | -3.9  | 41.8                 | 0            | 88         | 260       | 9     | 500  | 4423        | 0            | -56.4 | 39.2                 | 0            | 80         | 250       | 7     | 500  | 5894   | 5            | -4.3        | 28.8                 | 8            | 57         | 324       | 6     |
| 700  | 3127   | 0            | 9.8   | 25.8                 | 0            | 48         | 317       | 2     | 700  | 3146        | 0            | 13.2  | 30.3                 | 0            | 70         | 218       | 5     | 700  | 3151   | 5            | 15.2        | 24.0                 | 8            | 83         | 309       | 14    |
| 850  | 1486   | 0            | 21.4  | 19.5                 | 0            | 64         | 354       | 3     | 850  | 1489        | 0            | 21.9  | 20.1                 | 0            | 94         | 305       | 7     | 850  | 1468   | 5            | 29.5        | 30.8                 | 8            | 60         | 337       | 8     |
| 988  | * 162  |              | 27.6  | 11.0                 |              |            |           |       | 932  | * 683       |              | 21.5  | 6.3                  |              |            |           |       | 961  | * 358  |              | 37.4        | 28.0                 |              |            |           |       |
| <b>ASIA - INDIA</b><br><b>PATNA</b><br>42492 AUG 2013 2536N 08506E OB 3        |        |              |       |                      |              |            |           |       | <b>ASIA - INDIA</b><br><b>AHMADABAD</b><br>42647 AUG 2013 2304N 07238E OB 3    |             |              |       |                      |              |            |           |       | <b>ASIA - INDIA</b><br><b>CALCUTTA/DUM DUM</b><br>42809 AUG 2013 2239N 08827E OB 3       |        |              |             |                      |              |            |           |       |
| 030  | 24039  | 3            | -56.0 | 16.8                 | 3            | 50         | 267       | 21    | 030  | 24024       |              | -55.6 | 21.3                 |              | 98         | 90        | 19    | 030  | 23999  |              | -55.6       | 21.3                 |              | 98         | 90        | 19    |
| 050  | 20842  | 3            | -63.6 | 8.9                  | 3            | 50         | 265       | 17    | 050  | 20828       |              | -63.5 | 11.5                 |              | 98         | 90        | 17    | 050  | 20799  |              | -63.6       | 6.9                  |              | 97         | 90        | 18    |
| 100  | 16746  | 3            | -76.9 | 5.2                  | 3            | 49         | 258       | 16    | 100  | 16745       |              | -78.3 | 6.8                  |              | 97         | 265       | 23    | 100  | 16715  |              | -77.9       | 5.9                  |              | 97         | 78        | 20    |
| 150  | 14349  | 4            | -63.7 | 6.2                  | 3            | 45         | 245       | 11    | 150  | 14360       |              | -63.7 | 7.4                  |              | 96         | 267       | 19    | 150  | 14333  |              | -64.5       | 6.2                  |              | 90         | 71        | 13    |
| 200  | 12524  | 3            | -45.4 | 10.9                 | 3            | 42         | 253       | 8     | 200  | 12534       |              | -48.7 | 8.8                  |              | 96         | 268       | 15    | 200  | 12512  |              | -49.1       | 7.2                  |              | 90         | 85        | 11    |
| 300  | 9725   | 3            | -25.9 | 8.1                  | 3            | 44         | 271       | 6     | 300  | 9735        |              | -26.3 | 7.8                  |              | 92         | 259       | 7     | 300  | 9714   |              | -26.1       | 6.2                  |              | 85         | 90        | 19    |
| 500  | 5839   | 3            | -2.5  | 2.9                  | 3            | 43         | 273       | 5     | 500  | 5853        |              | -2.4  | 6.9                  |              | 36         | 94        | 1     | 500  | 5832   |              | -2.3        | 4.6                  |              | 45         | 133       | 3     |
| 700  | 3090   | 3            | 11.8  | 2.3                  | 3            | 40         | 289       | 5     | 700  | 3106        |              | 11.6  | 4.1                  |              | 35         | 309       | 1     | 700  | 3082   |              | 11.9        | 3.2                  |              | 50         | 163       | 3     |
| 850  | 1435   | 3            | 20.2  | 2.3                  | 3            | 41         | 284       | 5     | 850  | 1457        |              | 18.6  | 1.9                  |              | 87         | 82        | 5     | 850  | 1428   |              | 19.8        | 2.6                  |              | 67         | 172       | 4     |
| 994  | * 60   |              | 29.3  | 3.4                  |              |            |           |       | 997  | * 55        |              | 28.5  | 4.0                  |              |            |           |       | 999  | * 6    |              | 28.5        | 2.8                  |              |            |           |       |

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| 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>NAGPUR SONEGAON</b><br>42867 AUG 2013 2106N 07903E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - INDIA</b><br><b>BHUBANESHWAR</b><br>42971 AUG 2013 2015N 08550E OB 3       |        |              |       |                      |              |             |           |       | <b>ASIA - INDIA</b><br><b>HYDERABAD AIRPORT</b><br>43128 AUG 2013 1727N 07828E OB 3     |        |              |      |                      |              |             |           |       |    |  |  |  |  |  |
| 030   | 23976  | 7            | -55.7 |                      | 7            | 97          | 88        | 17    | 030  | 23983  | 7            | -55.6 | 23.8                 |              | 8           | 98        | 86    | 11  | 030    |              |      |                      |              |             |           |       |    |  |  |  |  |  |
| 050   | 20782  | 7            | -64.0 |                      | 7            | 97          | 88        | 19    | 050  | 20788  | 6            | -63.9 | 14.6                 |              | 6           | 98        | 84    | 11  | 050    |              |      |                      |              |             |           |       |    |  |  |  |  |  |
| 100   | 16701  | 5            | -79.0 |                      | 5            | 98          | 87        | 25    | 100  | 16691  | 4            | -79.2 | 7.0                  |              | 6           | 99        | 82    | 12  | 100    |              |      |                      |              |             |           |       |    |  |  |  |  |  |
| 150   | 14325  | 3            | -64.8 |                      | 3            | 95          | 77        | 18    | 150  | 14318  | 1            | -64.8 | 7.5                  |              | 4           | 96        | 75    | 19  | 150    | 14282        | 9    | -62.1                | 4.0          | 7           | 98        | 82    | 27 |  |  |  |  |  |
| 200   | 12507  | 3            | -49.3 | 4.8                  | 3            | 95          | 83        | 13    | 200  | 12500  |              | -49.5 | 8.9                  |              | 3           | 95        | 82    | 15  | 200    | 12457        | 1    | -51.3                | 6.3          | 5           | 96        | 85    | 18 |  |  |  |  |  |
| 300   | 9714   | 3            | -26.6 | 6.9                  | 3            | 90          | 87        | 7     | 300  | 9708   |              | -26.6 | 8.6                  |              | 2           | 84        | 91    | 8   | 300    | 9694         | 1    | -26.7                | 8.6          | 1           | 92        | 89    | 7  |  |  |  |  |  |
| 500   | 5838   | 3            | -2.7  | 3.2                  | 3            | 40          | 31        | 2     | 500  | 5832   |              | -2.7  | 5.8                  |              | 1           | 18        | 186   | 1   | 500    | 5825         |      | -3.8                 | 4.0          |             | 52        | 304   | 3  |  |  |  |  |  |
| 700   | 3097   | 3            | 11.0  | 2.2                  | 3            | 84          | 310       | 5     | 700  | 3086   |              | 11.5  | 3.9                  |              | 1           | 55        | 244   | 3   | 700    | 3088         |      | 10.6                 | 2.9          |             | 91        | 296   | 8  |  |  |  |  |  |
| 850   | 1447   | 3            | -19.2 | 2.1                  | 3            | 94          | 308       | 8     | 850  | 1435   |              | 19.5  | 3.3                  |              | 1           | 63        | 263   | 3   | 850    | 1440         |      | 19.0                 | 2.6          |             | 96        | 294   | 11 |  |  |  |  |  |
| 967   | * 310  |              | 25.9  | 1.9                  |              |             |           |       | 995  | * 46   |              | 28.0  | 1.8                  |              |             |           |       |   | 943    | * 545        |      | 25.7                 | 4.0          |             |           |       |    |  |  |  |  |  |
| <b>ASIA - INDIA</b><br><b>GOA/PANJIM</b><br>43192 AUG 2013 1529N 07349E OB 3      |        |              |       |                      |              |             |           |       | <b>ASIA - INDIA</b><br><b>THIRUVANANTHAPURAM</b><br>43371 AUG 2013 0829N 07657E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - HONG KONG, CHINA</b><br><b>KOWLOON</b><br>45004 AUG 2013 2219N 11410E OB 1    |        |              |      |                      |              |             |           |       |    |  |  |  |  |  |
| 030   | 23944  | 3            | -55.8 | 16.1                 | 3            | 94          | 88        | 17    | 030  | 23894  | 6            | -56.5 | 11.7                 |              | 6           | 45        | 98    | 3   | 030    | 23983        | 2    | -56.0                | 30.8         | 4           | 98        | 86    | 20 |  |  |  |  |  |
| 050   | 20742  | 1            | -63.1 | 8.4                  | 1            | 95          | 93        | 15    | 050  | 20694  | 6            | -62.5 | 7.2                  |              | 6           | 86        | 87    | 8   | 050    | 20788        | 0    | -63.9                | 27.9         | 0           | 99        | 84    | 20 |  |  |  |  |  |
| 100   | 16631  | 7            | -78.6 | 5.6                  | 1            | 97          | 88        | 29    | 100  | 16558  | 2            | -76.6 | 5.1                  |              | 2           | 97        | 89    | 24  | 100    | 16684        | 0    | -77.8                | 7.1          | 0           | 97        | 81    | 18 |  |  |  |  |  |
| 150   | 14264  | 1            | -65.9 | 5.7                  | 1            | 99          | 88        | 29    | 150  | 14198  |              | -67.7 | 4.6                  |              |             | 99        | 83    | 34  | 150    | 14310        | 0    | -65.0                | 9.1          | 0           | 64        | 74    | 8  |  |  |  |  |  |
| 200   | 12457  | 1            | -51.3 | 7.1                  | 1            | 96          | 89        | 19    | 200  | 12408  |              | -53.3 | 5.7                  |              |             | 98        | 89    | 26  | 200    | 12497        | 0    | -50.2                | 10.6         | 0           | 43        | 93    | 4  |  |  |  |  |  |
| 300   | 9691   | 1            | -28.9 | 8.0                  | 1            | 93          | 90        | 8     | 300  | 9669   |              | -31.2 | 7.3                  |              |             | 89        | 103   | 8   | 300    | 9719         | 0    | -28.2                | 9.8          | 0           | 60        | 121   | 5  |  |  |  |  |  |
| 500   | 5840   | 1            | -4.1  | 5.5                  | 1            | 47          | 296       | 2     | 500  | 5844   |              | -5.3  | 7.7                  |              |             | 50        | 294   | 3   | 500    | 5861         | 0    | -3.7                 | 7.6          | 0           | 53        | 128   | 5  |  |  |  |  |  |
| 700   | 3113   | 1            | 9.6   | 4.1                  | 1            | 95          | 287       | 8     | 700  | 3124   |              | 9.7   | 4.4                  |              |             | 87        | 300   | 7   | 700    | 3121         | 0    | 11.6                 | 5.1          | 0           | 57        | 159   | 6  |  |  |  |  |  |
| 850   | 1475   | 1            | 17.2  | 1.5                  | 1            | 98          | 288       | 9     | 850  | 1484   |              | 17.4  | 2.5                  |              |             | 95        | 310   | 12  | 850    | 1468         | 0    | 19.6                 | 3.1          | 0           | 55        | 159   | 6  |  |  |  |  |  |
| 1000  | * 60   |              | 26.8  | 2.1                  |              |             |           |       | 1001   | * 64   |              | 26.8  | 3.3                  |              |             |           |       |   | 997    | * 66         |      | 27.4                 | 2.4          |             |           |       |    |  |  |  |  |  |
| <b>AFRICA - CAPE VERDE</b><br><b>SAL</b><br>08594 AUG 2013 1644N 02257W OB 2      |        |              |       |                      |              |             |           |       | <b>AFRICA - MOROCCO</b><br><b>CASABLANCA</b><br>60155 AUG 2013 3334N 00740W OB 1     |        |              |       |                      |              |             |           |       | <b>AFRICA - ETHIOPIA</b><br><b>ADDIS ABABA-BOLE</b><br>63450 AUG 2013 0902N 03845E OB 2 |        |              |      |                      |              |             |           |       |    |  |  |  |  |  |
| 030   | 23959  | 4            | -56.3 | 30.2                 | 4            | 93          | 100       | 6     | 030  | 24148  | 0            | -38.6 |                      |              | 3           | 97        | 91    | 16  | 030    | 23941        |      |                      |              |             |           |       |    |  |  |  |  |  |
| 050   | 20765  | 4            | -62.6 | 27.9                 | 4            | 93          | 90        | 7     | 050  | 20913  | 0            | -45.5 |                      |              | 1           | 81        | 88    | 9   | 050    | 20732        | 14   | -63.2                |              | 9           | 99        | 93    | 7  |  |  |  |  |  |
| 100   | 16635  | 2            | -77.2 | 10.8                 | 2            | 96          | 100       | 6     | 100  | 16661  | 0            | -52.5 | 47.8                 |              | 1           | 59        | 237   | 5   | 100    | 16604        | 9    | -76.9                | 41.7         | 9           | 99        | 91    | 23 |  |  |  |  |  |
| 150   | 14270  | 2            | -67.4 | 11.2                 | 2            | 85          | 115       | 5     | 150  | 14191  | 0            | -47.3 | 46.6                 |              | 1           | 58        | 266   | 8   | 150    | 14228        | 9    | -66.8                | 30.2         | 9           | 99        | 95    | 35 |  |  |  |  |  |
| 200   | 12480  | 1            | -53.4 | 12.8                 | 1            | 74          | 120       | 3     | 200  | 12381  | 0            | -38.7 | 45.4                 |              | 1           | 53        | 266   | 8   | 200    | 12438        | 9    | -53.5                | 16.6         | 9           | 99        | 92    | 18 |  |  |  |  |  |
| 300   | 9737   | 1            | -30.8 | 17.7                 | 1            | 73          | 95        | 2     | 300  | 9675   | 0            | -19.0 | 48.6                 |              | 1           | 42        | 259   | 5   | 300    | 9695         | 9    | -30.8                |              | 9           | 99        | 74    | 12 |  |  |  |  |  |
| 500   | 5918   | 1            | -5.9  | 12.5                 | 1            | 87          | 95        | 4     | 500  | 5917   | 0            | -59.5 | 49.5                 |              | 1           | 67        | 243   | 5   | 500    | 5871         | 9    | -5.4                 |              | 9           | 99        | 97    | 7  |  |  |  |  |  |
| 700   | 3204   | 1            | 11.1  | 10.2                 | 1            | 83          | 85        | 4     | 700  | 3209   | 0            | 32.2  |                      |              | 2           | 76        | 264   | 4   | 700    | 3153         | 8    | 10.8                 | 5.8          | 9           | 75        | 130   | 3  |  |  |  |  |  |
| 850   | 1552   | 1            | 19.7  | 9.6                  | 1            | 72          | 80        | 2     | 850  | 1546   | 0            | 44.9  |                      |              |             |           |       |   | 772    | *2354        |      | 19.2                 | 12.6         |             |           |       |    |  |  |  |  |  |
| 1007  | * 63   |              | 28.2  | 6.5                  |              |             |           |       | 1008   | * 57   |              | 23.1  |                      |              |             |           |       |   |        |              |      |                      |              |             |           |       |    |  |  |  |  |  |

# UPPER AIR

# AUGUST 2013

| 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

# AUGUST 2013

| 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="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |        |              |      |                      |              |            |           |       | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |             |              |      |                      |              |            |           |       | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |        |              |             |                      |              |            |           |       |
| <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |        |              |      |                      |              |            |           |       | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |             |              |      |                      |              |            |           |       | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |        |              |             |                      |              |            |           |       |
| <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |        |              |      |                      |              |            |           |       | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |             |              |      |                      |              |            |           |       | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> </div> |        |              |             |                      |              |            |           |       |

# STATION LIST RECENT DATA

|       |    |                             |                     |       |    |                       |                    |
|-------|----|-----------------------------|---------------------|-------|----|-----------------------|--------------------|
| 10505 | C  | AACHEN-ORSBACH              | GERMANY             | 23022 | CT | AMDERMA               | RUSSIAN FEDERATION |
| 06030 | C  | AALBORG                     | DENMARK AND FAROE I | 42071 | C  | AMRITSAR              | INDIA              |
| 04220 | C  | AASIAAT (EGEDESMINDE)       | GREENLAND           | 89009 | C  | AMUNDSSEN-SCOTT       | USA                |
| 40831 | C  | ABADAN                      | IRAN, ISLAMIC REP   | 25563 | C  | ANADYR'               | RUSSIAN FEDERATION |
| 07005 | C  | ABBEVILLE                   | FRANCE              | 70273 | C  | ANCHORAGE/INT., AK    | USA                |
| 03502 | C  | ABERPORTH                   | U KINGDOM           | 72319 | C  | ANDERSON RGNL ARPT    | USA                |
| 41112 | C  | ABHA                        | SAUDI ARABIA        | 10291 | C  | ANGERMUENDE           | GERMANY            |
| 65578 | C  | ABIDJAN                     | COTE D'IVOIRE       | 17130 | C  | ANKARA/CENTRAL        | TURKEY             |
| 41217 | C  | ABU DHABI INTER. AIRPORT    | U ARAB EMIRATES     | 60360 | C  | ANNABA                | ALGERIA            |
| 76805 | C  | ACAPULCO, GRO.              | MEXICO              | 17300 | C  | ANTALYA               | TURKEY             |
| 17351 | C  | ADANA/BOLGE                 | TURKEY              | 47575 | C  | AOMORI                | JAPAN              |
| 63450 | CT | ADDIS ABABA-BOLE            | ETHIOPIA            | 98232 | C  | APARRI                | PHILIPPINES        |
| 94672 | C  | ADELAIDE AIRPORT            | AUSTRALIA           | 35746 | C  | ARALSKOE MORE         | KAZAKHSTAN         |
| 60620 | C  | ADRAR                       | ALGERIA             | 71592 | C  | ARCTIC BAY CS, NU     | CANADA             |
| 76644 | C  | AEROP.INTERNACIONAL MERIDA, | MEXICO              | 84752 | C  | AREQUIPA              | PERU               |
| 17190 | C  | AFYON                       | TURKEY              | 22550 | C  | ARHANGEL'SK           | RUSSIAN FEDERATION |
| 61024 | C  | AGADEZ                      | NIGER               | 85406 | C  | ARICA                 | CHILE              |
| 10309 | C  | AHAUS                       | GERMANY             | 10091 | C  | ARKONA                | GERMANY            |
| 42647 | CT | AHMADABAD                   | INDIA               | 62772 | C  | AROMA                 | SUDAN              |
| 37663 | C  | AHTY                        | RUSSIAN FEDERATION  | 76840 | C  | ARRIAGA, CHIS.        | MEXICO             |
| 33998 | C  | AI-PETRI                    | UKRAINE             | 10460 | C  | ARTERN                | GERMANY            |
| 60415 | C  | AIN-BESSAM                  | ALGERIA             | 44288 | C  | ARVAIHEER             | MONGOLIA           |
| 61499 | C  | AIOUN EL ATROUSS            | MAURITANIA          | 60452 | C  | ARZEW                 | ALGERIA            |
| 07761 | C  | AJACCIO                     | FRANCE              | 47407 | C  | ASAHIKAWA             | JAPAN              |
| 38178 | C  | AK-BAJTAL                   | UZBEKISTAN          | 85175 | C  | ASCENCION DE GUARAYOS | BOLIVIA            |
| 47582 | C  | AKITA                       | JAPAN               | 38880 | C  | ASHGABAT KESHI        | TURKMENISTAN       |
| 61437 | C  | AKJOUJT                     | MAURITANIA          | 33915 | C  | ASKANIYA-NOVA         | UKRAINE            |
| 42933 | C  | AKOLA                       | INDIA               | 62414 | C  | ASSWAN                | EGYPT              |
| 72521 | C  | AKRON/AKRON-CANTON REG. OH. | USA                 | 08011 | C  | ASTURIAS/AVILES       | SPAIN              |
| 35229 | C  | AKTOBE                      | KAZAKHSTAN          | 65376 | C  | ATAKPAME              | TOGO               |
| 04063 | C  | AKUREYRI                    | ICELAND             | 35078 | C  | ATBASAR               | KAZAKHSTAN         |
| 40361 | C  | AL-JOUF                     | SAUDI ARABIA        | 17607 | T  | ATHALASSA             | CYPRUS             |
| 08280 | C  | ALBACETE/LOS LLANOS         | SPAIN               | 71747 | C  | ATIKOKAN (AUT), ONT   | CANADA             |
| 31004 | C  | ALDAN                       | RUSSIAN FEDERATION  | 72219 | C  | ATLANTA/MUN., GA.     | USA                |
| 32061 | C  | ALEKSANDROVSK-SAHALINSKIJ   | RUSSIAN FEDERATION  | 91925 | C  | ATUONA                | FRENCH POLY.       |
| 10442 | C  | ALFELD                      | GERMANY             | 35700 | C  | ATYRAU                | KAZAKHSTAN         |
| 60369 | C  | ALGER-PORT                  | ALGERIA             | 93110 | C  | AUCKLAND AERO AWS     | N ZEALAND          |
| 08359 | C  | ALICANTE                    | SPAIN               | 10852 | C  | AUGSBURG              | GERMANY            |
| 42475 | C  | ALLAHABAD/BAMHRAULI         | INDIA               | 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             | 87641 | C  | AZUL AERO             | ARGENTINA          |
| 94568 | C  | AMBERLEY AMO                | AUSTRALIA           | 82460 | C  | BACABAL               | BRAZIL             |

# STATION LIST RECENT DATA

|       |    |                            |                     |       |   |                              |                    |
|-------|----|----------------------------|---------------------|-------|---|------------------------------|--------------------|
| 10542 | C  | BAD HERSFELD               | GERMANY             | 72509 | C | BOSTON/LOGAN INT.,           | USA                |
| 30554 | CT | BAGDARIN                   | RUSSIAN FEDERATION  | 60405 | C | BOUCHEGOUF                   | ALGERIA            |
| 87750 | C  | BAHIA BLANCA AERO          | ARGENTINA           | 08575 | C | BRAGANCA                     | PORTUGAL           |
| 44265 | C  | BAITAG                     | MONGOLIA            | 07110 | C | BREST                        | FRANCE             |
| 23891 | C  | BAJKIT                     | RUSSIAN FEDERATION  | 16061 | C | BRIC DELLA CROCE             | ITALY              |
| 29328 | C  | BAKCHAR                    | RUSSIAN FEDERATION  | 11723 | C | BRNO/TURANY                  | CZECH REP          |
| 30612 | C  | BALAGANSK                  | RUSSIAN FEDERATION  | 10453 | C | BROCKEN                      | GERMANY            |
| 10675 | C  | BAMBERG                    | GERMANY             | 96315 | C | BRUNEI AIRPORT               | BRUNEI DARUSSALAM  |
| 43295 | C  | BANGALORE                  | INDIA               | 15420 | C | BUCURESTI BANEASA            | ROMANIA            |
| 08181 | C  | BARCELONA/AEROPUERTO       | SPAIN               | 12843 | C | BUDAPEST/PESTSZENTLORINC     | HUNGARY            |
| 89057 | C  | BASE ARTURO PRAT           | CHILE               | 72528 | C | BUFFALO/GREATER BUFFALO INT. | USA                |
| 60468 | C  | BATNA                      | ALGERIA             | 25594 | C | BUHTA PROVIDENJA             | RUSSIAN FEDERATION |
| 44275 | C  | BAYANBULAG                 | MONGOLIA            | 67964 | C | BULAWAYO (GOETZ OBSY.)       | ZIMBABWE           |
| 60571 | C  | BECHAR                     | ALGERIA             | 08075 | C | BURGOS/VILLAFRIA             | SPAIN              |
| 54511 | C  | BEIJING                    | CHINA               | 47159 | C | BUSAN                        | REP KOREA          |
| 60402 | C  | BEJAIA-AEROPORT            | ALGERIA             | 72774 | C | BUTTE, MT MT BERT MOONEY ARP | USA                |
| 03976 | C  | BELMULLET                  | IRELAND             | 15350 | C | BUZAU                        | ROMANIA            |
| 40180 | C  | BEN-GURION INT. AIRPORT    | ISRAEL              | 48914 | C | CA MAU                       | VIET NAM           |
| 13274 | C  | BEOGRAD                    | SERBIA AND MONTENEG | 86268 | C | CAAZAPA                      | PARAGUAY           |
| 64600 | C  | BERBERATI                  | CENTRAL AFRICAN REP | 78310 | C | CABO SAN ANTONIO,            | CUBA               |
| 40179 | C  | BET DAGAN                  | ISRAEL              | 08261 | C | CACERES                      | SPAIN              |
| 42971 | CT | BHUBANESHWAR               | INDIA               | 08452 | C | CADIZ, OBS.                  | SPAIN              |
| 12295 | C  | BIALYSTOK                  | POLAND              | 07027 | C | CAEN                         | FRANCE             |
| 71844 | C  | BIG TROUT LAKE READAC, ONT | CANADA              | 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             |
| 72515 | C  | BINGHAMTON/BROOME CO., NY. | USA                 | 48808 | C | CAO BANG                     | VIET NAM           |
| 61075 | C  | BIRNI-N'KONNI              | NIGER               | 07661 | C | CAP CEPET                    | FRANCE             |
| 28138 | C  | BISER                      | RUSSIAN FEDERATION  | 15292 | C | CARANSEBES                   | ROMANIA            |
| 14652 | C  | BJELASNICA                 | BOSNIA AND HERZEGOV | 08286 | C | CASTELLON                    | SPAIN              |
| 01028 | C  | BJORNOYA                   | NORWAY              | 16459 | C | CATANIA SIGONELLA            | ITALY              |
| 89013 | C  | BLADRICK AWS               | U KINGDOM           | 94653 | C | CEDUNA AMO                   | AUSTRALIA          |
| 68442 | C  | BLOEMFONTEIN AIRPORT       | SOUTH AFRICA        | 89056 | C | CENTRO MET. ANTARTICO PDTE.  | CHILE              |
| 74492 | C  | BLUE HILL OBS. MA.         | USA                 | 87257 | C | CERES AERO                   | ARGENTINA          |
| 82024 | C  | BOA VISTA                  | BRAZIL              | 30372 | C | CHARA                        | RUSSIAN FEDERATION |
| 65510 | C  | BOBO-DIOULASSO             | BURKINA FASO        | 23914 | C | CHERDYN'                     | RUSSIAN FEDERATION |
| 01152 | C  | BODO VI                    | NORWAY              | 41768 | C | CHHOR                        | PAKISTAN           |
| 31439 | C  | BOGORODSKOE                | RUSSIAN FEDERATION  | 48303 | C | CHIANG RAI                   | THAILAND           |
| 10249 | C  | BOIZENBURG                 | GERMANY             | 60425 | C | CHLEF                        | ALGERIA            |
| 31174 | C  | BOL'SHOJ SHANTAR           | RUSSIAN FEDERATION  | 44259 | C | CHOIBALSAN                   | MONGOLIA           |
| 43057 | C  | BOMBAY / COLABA            | INDIA               | 93781 | C | CHRISTCHURCH AERO AWS        | N ZEALAND          |
| 10519 | C  | BONN-ROLEBER               | GERMANY             | 47101 | C | CHUNCHEON                    | REP KOREA          |
| 23884 | C  | BOR                        | RUSSIAN FEDERATION  | 96805 | C | CILACAP                      | INDONESIA          |

# STATION LIST RECENT DATA

|       |   |                              |                    |       |   |                              |                    |
|-------|---|------------------------------|--------------------|-------|---|------------------------------|--------------------|
| 72421 | C | CINCINNATI/GREATER CINCINNAT | USA                | 71966 | C | DAWSON, YT                   | CANADA             |
| 08348 | C | CIUDAD REAL                  | SPAIN              | 72429 | C | DAYTON/. COX, OH.            | USA                |
| 72328 | C | CLARKSVILLE, TN              | USA                | 68538 | C | DE AAR                       | SOUTH AFRICA       |
| 07460 | C | CLERMONT-FERRAND             | FRANCE             | 71222 | C | DEASE LAKE AUT, BC           | CANADA             |
| 15120 | C | CLUJ-NAPOCA                  | ROMANIA            | 12882 | C | DEBRECEN                     | HUNGARY            |
| 71358 | C | CLYDE RIVER CLIMATE, NU      | CANADA             | 16546 | C | DECIMOMANNU                  | ITALY              |
| 82425 | C | COARI                        | BRAZIL             | 65505 | C | DEDOUGOU                     | BURKINA FASO       |
| 85041 | C | COBIJA                       | BOLIVIA            | 72787 | C | DEER PARK, WA DEER PARK ARPT | USA                |
| 85223 | C | COCHABAMBA                   | BOLIVIA            | 60387 | C | DELLYS                       | ALGERIA            |
| 94791 | C | COFFS HARBOUR MO             | AUSTRALIA          | 95869 | C | DENILQUIN AIRPORT AWS        | AUSTRALIA          |
| 43466 | C | COLOMBO                      | SRI LANKA          | 37470 | C | DERBENT                      | RUSSIAN FEDERATION |
| 76848 | C | COMITAN, CHIS.               | MEXICO             | 72546 | C | DES MOINES/MUN., IA.         | USA                |
| 85196 | C | CONCEPCION                   | BOLIVIA            | 72537 | C | DETROIT/METROPOLITAN, MI.    | USA                |
| 03955 | C | CORK AIRPORT                 | IRELAND            | 40416 | C | DHAHRAN                      | SAUDI ARABIA       |
| 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             |
| 82704 | C | CRUZEIRO DO SUL              | BRAZIL             | 72770 | C | DILLON, MT DILLON ARPT       | USA                |
| 80097 | C | CUCUTA/CAMILO DAZA           | COLOMBIA           | 89054 | C | DINAMET-URUGUAY              | URUGUAY            |
| 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             |
| 80420 | C | CUMANA                       | VENEZUELA          | 60670 | C | DJANET                       | ALGERIA            |
| 95625 | C | CUNDERDIN AIRFIELD           | AUSTRALIA          | 60535 | C | DJELFA                       | ALGERIA            |
| 83842 | C | CURITIBA                     | BRAZIL             | 34504 | C | DNIPROPETROVS'K              | UKRAINE            |
| 72769 | C | CUT BANK, MT CUT BANK MUNI A | USA                | 16033 | C | DOBBIACO                     | ITALY              |
| 10131 | C | CUXHAVEN                     | GERMANY            | 63862 | C | DODOMA                       | U REP TANZANIA     |
| 84686 | C | CUZCO                        | PERU               | 41170 | C | DOHA INTERNATIONAL AIRPORT   | QATAR              |
| 43150 | C | CWC VISHAKHAPATNAM/WALTAIR   | INDIA              | 64401 | C | DOLISIE                      | CONGO              |
| 48855 | C | DA NANG                      | VIET NAM           | 89577 | C | DOME A                       | AUSTRALIA          |
| 47133 | C | DAEJEON                      | REP KOREA          | 34519 | C | DONETS'K                     | UKRAINE            |
| 98325 | C | DAGUPAN                      | PHILIPPINES        | 65501 | C | DORI                         | BURKINA FASO       |
| 62467 | C | DAHAB                        | EGYPT              | 61053 | C | DOSSO                        | NIGER              |
| 60096 | C | DAKHLA                       | WESTERN SAHARA     | 52836 | C | DOULAN                       | CHINA              |
| 31873 | C | DAL'NERECHENSK               | RUSSIAN FEDERATION | 10488 | C | DRESDEN-KLOTZSCHE            | GERMANY            |
| 62805 | C | DAMAZINE                     | SUDAN              | 41515 | C | DROSH                        | PAKISTAN           |
| 04320 | C | DANMARKSHAVN                 | GREENLAND          | 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             |
| 89571 | C | DAVIS                        | AUSTRALIA          | 76423 | C | DURANGO, DGO.                | MEXICO             |

# STATION LIST RECENT DATA

|       |   |                              |                    |       |   |                            |              |
|-------|---|------------------------------|--------------------|-------|---|----------------------------|--------------|
| 42731 | C | DWARKA                       | INDIA              | 94638 | C | ESPERANCE                  | AUSTRALIA    |
| 03091 | C | DYCE                         | U KINGDOM          | 87803 | C | ESQUEL AERO                | ARGENTINA    |
| 21908 | C | DZALINDA                     | RUSSIAN FEDERATION | 10410 | C | ESSEN-BREDENEY             | GERMANY      |
| 30089 | C | DZHIKIMDA                    | RUSSIAN FEDERATION | 71862 | C | ESTEVAN A, SASK            | CANADA       |
| 89578 | C | EAGLE                        | AUSTRALIA          | 94647 | C | EUCLA                      | AUSTRALIA    |
| 94907 | C | EAST SALE AIRPORT            | AUSTRALIA          | 71917 | C | EUREKA, NU                 | CANADA       |
| 94983 | C | EDDYSTONE POINT              | AUSTRALIA          | 72432 | C | EVANSVILLE/REG., IN.       | USA          |
| 17050 | C | EDIRNE                       | TURKEY             | 37747 | C | EVLAKH AIRPORT             | AZERBAIJAN   |
| 71590 | C | EDMUNDSTON, NB               | CANADA             | 08558 | C | EVORA/C. COORD             | PORTUGAL     |
| 06280 | C | EELDE/GRONINGEN AP EELDE     | NETHERLANDS        | 87576 | C | EZEIZA AERO                | ARGENTINA    |
| 71296 | C | EGBERT CS, ONT               | CANADA             | 65507 | C | FADA N'GOURMA              | BURKINA FASO |
| 25378 | C | EGVEKINOT                    | RUSSIAN FEDERATION | 41262 | C | FAHUD                      | OMAN         |
| 40199 | C | EILAT                        | ISRAEL             | 70261 | C | FAIRBANKS/INT., AK         | USA          |
| 31707 | C | EKATERINO-NIKOL'SKOE         | RUSSIAN FEDERATION | 72753 | C | FARGO/HECTOR FIELD,        | USA          |
| 38388 | C | EKEZHE                       | TURKMENISTAN       | 67012 | C | FASCENE (NOSSI-BE)         | MADAGASCAR   |
| 31329 | C | EKIMCHAN                     | RUSSIAN FEDERATION | 10908 | C | FELDBERG/SCHWARZWALD       | GERMANY      |
| 62337 | C | EL ARISH                     | EGYPT              | 41943 | C | FENI                       | BANGLADESH   |
| 60550 | C | EL-BAYADH                    | ALGERIA            | 38618 | C | FERGANA                    | UZBEKISTAN   |
| 27648 | C | ELAT'MA                      | RUSSIAN FEDERATION | 11155 | C | FEUERKOGEL                 | AUSTRIA      |
| 12160 | C | ELBLAG                       | POLAND             | 67137 | C | FIANRANTSOA                | MADAGASCAR   |
| 63686 | C | ELDORET                      | KENYA              | 10578 | C | FICHTELBERG                | GERMANY      |
| 62453 | C | ELHASANA                     | EGYPT              | 72637 | C | FLINT/BISHOP, MI.          | USA          |
| 72307 | C | ELIZABETH CITY, NC CG AIR ST | USA                | 82678 | C | FLORIANO                   | BRAZIL       |
| 71352 | C | ELORA RCS, ONT               | CANADA             | 01238 | C | FOKSTUA II                 | NORWAY       |
| 72486 | C | ELY/YELLAND, NV.             | USA                | 82212 | C | FONTE BOA                  | BRAZIL       |
| 07591 | C | EMBRUN                       | FRANCE             | 71212 | C | FORET MONTMORENCY RCS, QUE | CANADA       |
| 10200 | C | EMDEN-FLUGPLATZ              | GERMANY            | 89065 | C | FOSSIL BLUFF               | U KINGDOM    |
| 76256 | C | EMPALME, SON.                | MEXICO             | 83827 | C | FOZ DO IGUACU (AEROPORTO)  | BRAZIL       |
| 62781 | C | EN NAHUD                     | SUDAN              | 83630 | C | FRANCA                     | BRAZIL       |
| 25356 | C | EN' MUVEEM                   | RUSSIAN FEDERATION | 10803 | C | FREIBURG                   | GERMANY      |
| 86297 | C | ENCARNACION                  | PARAGUAY           | 16179 | C | FRONTONE                   | ITALY        |
| 29263 | C | ENISEJSK                     | RUSSIAN FEDERATION | 10895 | C | FUERSTENZELL               | GERMANY      |
| 16450 | C | ENNA                         | ITALY              | 47807 | C | FUKUOKA                    | JAPAN        |
| 72790 | C | EPHRATA, WA EPHRATA MUNI ARP | USA                | 08522 | C | FUNCHAL                    | MADEIRA      |
| 72550 | C | EPPLEY FIELD, OMAHA,         | USA                | 89767 | C | G3                         | AUSTRALIA    |
| 24817 | C | ERBOGACEN                    | RUSSIAN FEDERATION | 60745 | C | GAFSA                      | TUNISIA      |
| 44237 | C | ERDENEMANDAL                 | MONGOLIA           | 74641 | C | GAGE, OK GAGE ARPT         | USA          |
| 53068 | C | ERENHOT                      | CHINA              | 74756 | C | GAINSVILLE, FL             | USA          |
| 10554 | C | ERFURT-BINDERSLEBEN          | GERMANY            | 15310 | C | GALATI                     | ROMANIA      |
| 34186 | C | ERSHOV                       | RUSSIAN FEDERATION | 64454 | C | GAMBOMA                    | CONGO        |
| 17092 | C | ERZINCAN                     | TURKEY             | 37735 | C | GANDJA                     | AZERBAIJAN   |
| 38750 | C | ESENGYLY                     | TURKMENISTAN       | 65522 | C | GAOUA                      | BURKINA FASO |
| 35067 | C | ESIL'                        | KAZAKHSTAN         | 10359 | C | GARDELEGEN                 | GERMANY      |
| 03162 | C | ESKDALEMUIR                  | U KINGDOM          | 61099 | C | GAYA                       | NIGER        |

# STATION LIST RECENT DATA

|       |    |                             |                     |       |    |                              |                    |
|-------|----|-----------------------------|---------------------|-------|----|------------------------------|--------------------|
| 26157 | C  | GDOV                        | RUSSIAN FEDERATION  | 40250 | C  | H-4 'IRWAISHED'              | JORDAN             |
| 62752 | C  | GEDAREF                     | SUDAN               | 47678 | C  | HACHIJOJIMA                  | JAPAN              |
| 10628 | C  | GEISENHEIM                  | GERMANY             | 40377 | C  | HAFR AL-BATIN                | SAUDI ARABIA       |
| 06700 | C  | GENEVE-COINTRIN             | SWITZERLAND & LIECH | 40394 | C  | HAIL                         | SAUDI ARABIA       |
| 68828 | C  | GEORGE AIRPORT              | SOUTH AFRICA        | 17285 | C  | HAKKARI                      | TURKEY             |
| 10567 | C  | GERA-LEUMNITZ               | GERMANY             | 71320 | C  | HALL BEACH CLIMATE, NU       | CANADA             |
| 60517 | C  | GHAZAOUET                   | ALGERIA             | 10147 | C  | HAMBURG-FUHLBUETTEL          | GERMANY            |
| 40296 | C  | GHOR SAFI                   | JORDAN              | 10338 | C  | HANNOVER                     | GERMANY            |
| 08495 | C  | GIBRALTAR                   | GIBRALTAR           | 02197 | C  | HAPARANDA                    | SWEDEN             |
| 10532 | C  | GIESSEN                     | GERMANY             | 40153 | C  | HAR-KNAAN (ZEFAT)            | ISRAEL             |
| 34740 | C  | GIGANT                      | RUSSIAN FEDERATION  | 60563 | C  | HASSIR'MEL                   | ALGERIA            |
| 08014 | C  | GIJON-MUSEL                 | SPAIN               | 20891 | C  | HATANGA                      | RUSSIAN FEDERATION |
| 94461 | C  | GILES METEOROLOGICAL OFFICE | AUSTRALIA           | 71361 | C  | HAY RIVER CLIMATE, NWT       | CANADA             |
| 17034 | C  | GIRESUN                     | TURKEY              | 10015 | C  | HELGOLAND                    | GERMANY            |
| 93292 | C  | GISBORNE AERODROME AWS      | N ZEALAND           | 16754 | CT | HERAKLION (AIRPORT)          | GREECE             |
| 41140 | C  | GIZAN                       | SAUDI ARABIA        | 72301 | C  | HICKORY, NC HICKORY RGNL ARP | USA                |
| 71363 | C  | GJOA HAVEN CLIMATE, NU      | CANADA              | 60001 | C  | HIERRO/AEROPUERTO            | SPAIN              |
| 72768 | C  | GLASGOW/INT., MT.           | USA                 | 71066 | C  | HIGH LEVEL A, ALTA           | CANADA             |
| 72522 | C  | GLENN FALLS, NY             | USA                 | 91753 | C  | HIHIFO (ILE WALLIS)          | DETACHED ISLANDS   |
| 20292 | C  | GMO IM.E.K. FEDOROVA        | RUSSIAN FEDERATION  | 91285 | C  | HILO/GEN. LYMAN, HAWAII, HAW | USA D ISLANDS      |
| 43192 | CT | GOA/PANJIM                  | INDIA               | 98755 | C  | HINATUAN                     | PHILIPPINES        |
| 68106 | C  | GOBABEB                     | NAMIBIA             | 47765 | C  | HIROSHIMA                    | JAPAN              |
| 71261 | C  | GODERICH, ONT               | CANADA              | 94975 | C  | HOBART AIRPORT               | AUSTRALIA          |
| 10499 | C  | GOERLITZ                    | GERMANY             | 10685 | C  | HOF                          | GERMANY            |
| 83423 | C  | GOIANIA                     | BRAZIL              | 10962 | C  | HOHENPEISSENBERG             | GERMANY            |
| 33041 | C  | GOMEL                       | BELARUS             | 93615 | C  | HOKITIKA AERODROME AWS       | N ZEALAND          |
| 63331 | C  | GONDAR                      | ETHIOPIA            | 71029 | C  | HOLMAN CS, NWT               | CANADA             |
| 71816 | C  | GOOSE A, NFLD               | CANADA              | 70341 | C  | HOMER/MUNICIPAL              | USA                |
| 63403 | C  | GORE                        | ETHIOPIA            | 91182 | C  | HONOLULU, OAHU, HAWAII       | USA                |
| 02589 | C  | GOTSKA SANDON               | SWEDEN              | 51828 | C  | HOTAN                        | CHINA              |
| 68906 | C  | GOUGH ISLAND                | SOUTH AFRICA        | 72243 | C  | HOUSTON/INTERCONTINENTAL, TX | USA                |
| 94150 | C  | GOVE AIRPORT                | AUSTRALIA           | 44218 | C  | HOVD                         | MONGOLIA           |
| 08419 | C  | GRANADA/AEROPUERTO          | SPAIN               | 48852 | C  | HUE                          | VIET NAM           |
| 71570 | C  | GREAT FALLS CLIMATE, MAN    | CANADA              | 44285 | C  | HUJIRT                       | MONGOLIA           |
| 10791 | C  | GROSSER ARBER               | GERMANY             | 72323 | C  | HUNTSVILLE/MADISON CO., AL.  | USA                |
| 88903 | C  | GRYTVIKEN,                  | ISLANDS             | 11858 | C  | HURBANOVO                    | SLOVAKIA           |
| 76577 | C  | GUANAJUATO, GTO.            | MEXICO              | 44232 | C  | HUTAG                        | MONGOLIA           |
| 60403 | C  | GUELMA                      | ALGERIA             | 41764 | C  | HYDERABAD                    | PAKISTAN           |
| 80423 | C  | GUIRIA                      | VENEZUELA           | 15090 | C  | IASI                         | ROMANIA            |
| 74757 | C  | GULFPORT, MS                | USA                 | 80214 | C  | IBAGUE/PERALES               | COLOMBIA           |
| 94740 | C  | GUNNEDAH SCS                | AUSTRALIA           | 08373 | C  | IBIZA/ES CODOLA              | SPAIN              |
| 40360 | C  | GURIAT                      | SAUDI ARABIA        | 41265 | C  | IBRA                         | OMAN               |
| 42410 | C  | GUWAHATI                    | INDIA               | 23274 | C  | IGARKA                       | RUSSIAN FEDERATION |
| 38763 | C  | GYZYLARBAT                  | TURKMENISTAN        | 87097 | C  | IGUAZU AERO                  | ARGENTINA          |

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|       |    |                              |                    |       |   |                              |                     |
|-------|----|------------------------------|--------------------|-------|---|------------------------------|---------------------|
| 61970 | C  | ILE JUAN DE NOVA             | OCEAN ISLANDS      | 41024 | C | JEDDAH (KING ABDUL AZIZ INT. | SAUDI ARABIA        |
| 25248 | C  | ILIRNEJ                      | RUSSIAN FEDERATION | 47184 | C | JEJU                         | REP KOREA           |
| 60640 | C  | ILLIZI                       | ALGERIA            | 60725 | C | JENDOUBA                     | TUNISIA             |
| 31416 | C  | IM POLINY OSIPENKO           | RUSSIAN FEDERATION | 08451 | C | JEREZ DE LA FRONTERA AEROPUE | SPAIN               |
| 20667 | C  | IM. M.V. POPOVA              | RUSSIAN FEDERATION | 41936 | C | JESSORE                      | BANGLADESH          |
| 64459 | C  | IMPFONDO                     | CONGO              | 41598 | C | JHELUM                       | PAKISTAN            |
| 60611 | C  | IN-AMENAS                    | ALGERIA            | 60351 | C | JIJEL-ACHOUAT                | ALGERIA             |
| 47112 | C  | INCHEON                      | REP KOREA          | 63402 | C | JIMMA                        | ETHIOPIA            |
| 72438 | C  | INDIANAPOLIS/I.-MUN/WEIR COO | USA                | 54823 | C | JINAN                        | CHINA               |
| 67323 | C  | INHAMBANE                    | MOZAMBIQUE         | 52533 | C | JIUQUAN                      | CHINA               |
| 11120 | C  | INNSBRUCK-FLUGHAFEN          | AUSTRIA            | 41756 | C | JIWANI                       | PAKISTAN            |
| 72747 | C  | INT.FALLS/FALLS INT. MN.     | USA                | 83481 | C | JOAO PINHEIRO                | BRAZIL              |
| 71907 | C  | INUKJUAK A, QUE              | CANADA             | 41287 | C | JOBA                         | OMAN                |
| 93845 | C  | INVERCARGILL AERO AWS        | N ZEALAND          | 42339 | C | JODHPUR                      | INDIA               |
| 80370 | C  | IPIALES/SAN LUIS             | COLOMBIA           | 02929 | C | JOENSUU                      | FINLAND             |
| 71321 | C  | IQALUIT CLIMATE, NU          | CANADA             | 03956 | C | JOHNSTOWN CASTLE             | IRELAND             |
| 84377 | C  | IQUITOS                      | PERU               | 02963 | C | JOKIOINEN                    | FINLAND             |
| 83836 | C  | IRATI                        | BRAZIL             | 02550 | C | JONKOPING/AXAMO              | SWEDEN              |
| 38869 | C  | IRHT                         | TAJIKISTAN         | 85585 | C | JUAN FERNANDEZ               | CHILE               |
| 30710 | C  | IRKUTSK                      | RUSSIAN FEDERATION | 21931 | C | JUBILEJNAJA                  | RUSSIAN FEDERATION  |
| 29807 | C  | IRTYSHSK                     | KAZAKHSTAN         | 87046 | C | JUJUY AERO                   | ARGENTINA           |
| 71074 | C  | ISACHSEN (AUT), NU           | CANADA             | 78866 | C | JULIANA AIRPORT,             | NETHERLANDS ANTILLE |
| 28573 | C  | ISHIM                        | RUSSIAN FEDERATION | 87548 | C | JUNIN AERO                   | ARGENTINA           |
| 85469 | C  | ISLA DE PASCUA               | CHILE              | 32165 | C | JUZHNO-KURIL'SK              | RUSSIAN FEDERATION  |
| 17240 | C  | ISPARTA                      | TURKEY             | 02935 | C | JYVASKYLA                    | FINLAND             |
| 17062 | C  | ISTANBUL/GOZTEPE             | TURKEY             | 40417 | C | K.F.I.A. (KING FAHAD INT. AI | SAUDI ARABIA        |
| 82336 | C  | ITACOATIARA                  | BRAZIL             | 62810 | C | KADOGLLI                     | SUDAN               |
| 04339 | C  | ITTOQQORTOORMIT (SCORESBYSU  | GREENLAND          | 61492 | C | KAEDI                        | MAURITANIA          |
| 10142 | C  | ITZEHOE                      | GERMANY            | 47827 | C | KAGOSHIMA                    | JAPAN               |
| 33526 | C  | IVANO-FRANKIVS'K             | UKRAINE            | 10427 | C | KAHLER ASTEN                 | GERMANY             |
| 23921 | C  | IVDEL'                       | RUSSIAN FEDERATION | 60735 | C | KAIROUAN                     | TUNISIA             |
| 83704 | C  | IVINHEMA                     | BRAZIL             | 02897 | C | KAJAANI                      | FINLAND             |
| 60010 | C  | IZANA                        | SPAIN              | 16726 | C | KALAMATA (AIRPORT)           | GREECE              |
| 34415 | C  | IZIUM                        | UKRAINE            | 25745 | C | KAMENSKOE                    | RUSSIAN FEDERATION  |
| 33889 | C  | IZMAIL                       | UKRAINE            | 22217 | C | KANDALAKSHA                  | RUSSIAN FEDERATION  |
| 84088 | C  | IZOBAMBA                     | ECUADOR            | 61679 | C | KAOLACK                      | SENEGAL             |
| 47800 | CT | IZUHARA                      | JAPAN              | 71299 | C | KAPUSKASING CDA ON, ONT      | CANADA              |
| 41259 | C  | JABAL SHAMS                  | OMAN               | 35394 | C | KARAGANDA                    | KAZAKHSTAN          |
| 41715 | C  | JACOBABAD                    | PAKISTAN           | 51709 | C | KASHI                        | CHINA               |
| 08417 | C  | JAEN                         | SPAIN              | 44454 | C | KATHMANDU AIRPORT            | NEPAL               |
| 43041 | C  | JAGDALPUR                    | INDIA              | 26629 | C | KAUNAS                       | LITHUANIA           |
| 96749 | C  | JAKARTA/SOEKARNO-HATTA       | INDONESIA          | 61257 | C | KAYES                        | MALI                |
| 76687 | C  | JALAPA, VER.                 | MEXICO             | 27595 | C | KAZAN'                       | RUSSIAN FEDERATION  |
| 01001 | C  | JAN MAYEN                    | NORWAY             | 61699 | C | KEDOUGOU                     | SENEGAL             |



# STATION LIST RECENT DATA

|       |    |                             |                     |       |   |                              |                    |
|-------|----|-----------------------------|---------------------|-------|---|------------------------------|--------------------|
| 68312 | C  | KEETMANSHOOP                | NAMIBIA             | 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                | 65442 | C | KUMASI                       | GHANA              |
| 16641 | C  | KERKYRA (AIRPORT)           | GREECE              | 56778 | C | KUNMING                      | CHINA              |
| 02805 | C  | KEVO                        | FINLAND             | 97372 | C | KUPANG/ELTARI                | INDONESIA          |
| 72201 | C  | KEY WEST/INT., FL           | USA                 | 15730 | C | KURDJALI                     | BULGARIA           |
| 34300 | C  | KHARKIV                     | UKRAINE             | 47418 | C | KUSHIRO                      | JAPAN              |
| 33902 | C  | KHERSON                     | UKRAINE             | 17155 | C | KUTAHYA                      | TURKEY             |
| 33429 | C  | KHMEL'NYTS'KYI              | UKRAINE             | 02869 | C | KUUSAMO                      | FINLAND            |
| 38599 | C  | KHUDJANT                    | TAJIKISTAN          | 40582 | C | KUWAIT INTERNATIONAL AIRPORT | KUWAIT             |
| 10046 | C  | KIEL-HOLTENAU               | GERMANY             | 91366 | C | KWAJALEIN/BUCHOLZ AAF, MARSH | USA                |
| 61498 | C  | KIFFA                       | MAURITANIA          | 30949 | C | KYRA                         | RUSSIAN FEDERATION |
| 02801 | C  | KILPISJARVI                 | FINLAND             | 36096 | C | KYZYL                        | RUSSIAN FEDERATION |
| 68438 | C  | KIMBERLEY                   | SOUTH AFRICA        | 35576 | C | KZYLZAR                      | KAZAKHSTAN         |
| 40437 | C  | KING KHALED INT. AIRPORT    | SAUDI ARABIA        | 33393 | C | L'VIV                        | UKRAINE            |
| 28009 | C  | KIRS                        | RUSSIAN FEDERATION  | 08001 | C | LA CORUNA                    | SPAIN              |
| 24606 | C  | KISLOKAN                    | RUSSIAN FEDERATION  | 82723 | C | LABREA                       | BRAZIL             |
| 61270 | C  | KITA                        | MALI                | 60545 | C | LAGHOAT                      | ALGERIA            |
| 30925 | C  | KJAHTA                      | RUSSIAN FEDERATION  | 41640 | C | LAHORE CITY                  | PAKISTAN           |
| 21921 | C  | KJUSJUR                     | RUSSIAN FEDERATION  | 08509 | C | LAJES (ACORES)               | PORTUGAL           |
| 11231 | C  | KLAGENFURT-FLUGHAFEN        | AUSTRIA             | 72240 | C | LAKE CHARLES/MUN.,           | USA                |
| 10635 | C  | KLEINER FELDBERG/TAUNUS     | GERMANY             | 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          |
| 89507 | C  | KOHNEN EP9                  | NETHERLANDS         | 07471 | C | LE PUY                       | FRANCE             |
| 28879 | C  | KOKSHETAY                   | KAZAKHSTAN          | 94302 | C | LEARMONTH AIRPORT            | AUSTRALIA          |
| 61698 | C  | KOLDA                       | SENEGAL             | 12120 | C | LEBA                         | POLAND             |
| 33883 | C  | KOMRAT                      | REP MOLDOVA         | 03257 | C | LEEMING                      | U KINGDOM          |
| 10929 | C  | KONSTANZ                    | GERMANY             | 12374 | T | LEGIONOWO                    | POLAND             |
| 25503 | C  | KORKODON                    | RUSSIAN FEDERATION  | 10449 | C | LEINEFELDE                   | GERMANY            |
| 27333 | C  | KOSTROMA                    | RUSSIAN FEDERATION  | 36208 | C | LENINOGORSK                  | KAZAKHSTAN         |
| 42452 | C  | KOTA AERODROME              | INDIA               | 08055 | C | LEON/VIRGEN DEL CAMINO       | SPAIN              |
| 91577 | C  | KOUMAC (NLE-CALEDONIE)      | N CALEDONIA         | 03005 | C | LERWICK                      | U KINGDOM          |
| 45004 | CT | KOWLOON                     | HONG KONG, CHINA    | 80398 | C | LETICIA/VASQUEZ COBO         | COLOMBIA           |
| 38915 | C  | KOYTENDAG                   | TURKMENISTAN        | 28064 | C | LEUSI                        | RUSSIAN FEDERATION |
| 43314 | C  | KOZHICODE                   | INDIA               | 72422 | C | LEXINGTON/BLUE GRASS, KY.    | USA                |
| 12566 | C  | KRAKOW                      | POLAND              | 55591 | C | LHASA                        | CHINA              |
| 11012 | C  | KREMSMUNSTER                | AUSTRIA             | 11603 | C | LIBEREC                      | CZECH REP          |
| 33791 | C  | KRYVYI RIH                  | UKRAINE             | 10591 | C | LICHTENHAIN-MITTELNDORF      | GERMANY            |
| 60514 | C  | KSAR CHELLALA               | ALGERIA             | 26406 | C | LIEPAJA                      | LATVIA             |
| 48647 | C  | KUALA LUMPUR/SUBANG         | MALAYSIA            | 91165 | C | LIHUE, KAUAI, HAWAII         | USA                |

# STATION LIST RECENT DATA

|       |    |                            |                     |       |   |                              |                     |
|-------|----|----------------------------|---------------------|-------|---|------------------------------|---------------------|
| 07015 | C  | LILLE                      | FRANCE              | 37860 | C | MASHTAGA                     | AZERBAIJAN          |
| 07434 | C  | LIMOGES                    | FRANCE              | 44314 | C | MATAD                        | MONGOLIA            |
| 10393 | C  | LINDENBERG                 | GERMANY             | 89564 | C | MAWSON                       | AUSTRALIA           |
| 08535 | C  | LISBOA/GEOF                | PORTUGAL            | 70231 | C | MCGRATH, AK                  | USA                 |
| 72340 | C  | LITTLE ROCK/ADAMS FLD,     | USA                 | 89664 | C | MCMURDO                      | USA                 |
| 33761 | C  | LIUBASHIVKA                | UKRAINE             | 60549 | C | MECHERIA                     | ALGERIA             |
| 14015 | C  | LJUBLJANA/BEZIGRAD         | SLOVENIA            | 60437 | C | MEDEA                        | ALGERIA             |
| 63612 | C  | LODWAR                     | KENYA               | 94430 | C | MEEKATHARRA AIRPORT          | AUSTRALIA           |
| 08084 | C  | LOGRONO/AGONCILLO          | SPAIN               | 10548 | C | MEININGEN                    | GERMANY             |
| 84270 | C  | LOJA/LA ARGELIA            | ECUADOR             | 60150 | C | MEKNES                       | MOROCCO             |
| 65387 | C  | LOME                       | TOGO                | 60338 | C | MELILLA                      | SPAIN               |
| 71622 | C  | LONDON CS, ONT             | CANADA              | 08314 | C | MENORCA/MAHON                | SPAIN               |
| 94995 | C  | LORD HOWE ISLAND AERO      | AUSTRALIA           | 17340 | C | MERSIN                       | TURKEY              |
| 72295 | C  | LOS ANGELES /INT.,         | USA                 | 16420 | C | MESSINA                      | ITALY               |
| 72423 | C  | LOUISVILLE/STANDIFORD, KY. | USA                 | 76680 | C | MEXICO (CENTRAL),            | MEXICO              |
| 95964 | C  | LOW HEAD                   | AUSTRALIA           | 22471 | C | MEZEN'                       | RUSSIAN FEDERATION  |
| 48930 | C  | LUANG-PRABANG              | LAO PDR             | 72202 | C | MIAMI, FL                    | USA                 |
| 33377 | C  | LUBNY                      | UKRAINE             | 10648 | C | MICHELSTADT-VIELBRUNN        | GERMANY             |
| 10156 | C  | LUEBECK-BLANKENSEE         | GERMANY             | 72265 | C | MIDLAND/MIDLAND REG. AIR TER | USA                 |
| 06770 | C  | LUGANO                     | SWITZERLAND & LIECH | 11464 | C | MILESOVKA                    | CZECH REP           |
| 34523 | C  | LUHANS'K                   | UKRAINE             | 41258 | C | MINA SULTAN QABOOS           | OMAN                |
| 71470 | C  | LUPIN CS, NU               | CANADA              | 89592 | C | MIRNYJ                       | RUSSIAN FEDER. ANTA |
| 16597 | C  | LUQA                       | MALTA               | 72773 | C | MISSOULA / JOHNSON-BELL FIEL | USA                 |
| 06590 | C  | LUXEMBOURG/LUXEMBOURG      | LUXEMBOURG          | 04211 | C | MITTARFIK UPERNAVIK (UPERNAV | GREENLAND           |
| 03740 | C  | LYNEHAM                    | U KINGDOM           | 47830 | C | MIYAZAKI                     | JAPAN               |
| 07481 | C  | LYON-SATOLAS               | FRANCE              | 68242 | C | MMABATHO                     | SOUTH AFRICA        |
| 64452 | C  | M'POUYA                    | CONGO               | 72223 | C | MOBILE/BATES FIELD,          | USA                 |
| 60467 | C  | M'SILA                     | ALGERIA             | 26863 | C | MOGILEV                      | BELARUS             |
| 40310 | C  | MA'AN                      | JORDAN              | 47165 | C | MOKPO                        | REP KOREA           |
| 44294 | C  | MAANTI                     | MONGOLIA            | 72544 | C | MOLINE/QUAD CITY,            | USA                 |
| 43185 | C  | MACHILIPATNAM/FRANCHPET    | INDIA               | 63820 | C | MOMBASA INTERNATIONAL        | KENYA               |
| 08219 | C  | MADRI-COLMENAR             | SPAIN               | 07560 | C | MONT AIGOUAL                 | FRANCE              |
| 47624 | C  | MAEBASHI                   | JAPAN               | 71309 | C | MOOSONEE RCS, ONT            | CANADA              |
| 40265 | CT | MAFRAQ                     | JORDAN              | 61265 | C | MOPTI                        | MALI                |
| 61091 | C  | MAGARIA                    | NIGER               | 95527 | C | MOREE AERO                   | AUSTRALIA           |
| 37472 | C  | MAHACHKALA                 | RUSSIAN FEDERATION  | 27612 | C | MOSKVA                       | RUSSIAN FEDERATION  |
| 47750 | C  | MAIZURU                    | JAPAN               | 64550 | C | MOUILA                       | GABON               |
| 91376 | C  | MAJURO/MARSHALL IS. INTNL. | USA                 | 63619 | C | MOYALE                       | KENYA               |
| 64403 | C  | MAKABANA                   | CONGO               | 33036 | C | MOZYR                        | BELARUS             |
| 48665 | C  | MALACCA                    | MALAYSIA ERATION    | 63971 | C | MTWARA                       | U REP TANZANIA      |
| 30252 | C  | MAMAKAN                    | RUSSIAN FEDERATION  | 10315 | C | MUENSTER/OSNABRUECK          | GERMANY             |
| 67143 | C  | MANANJARY                  | MADAGASCAR          | 17292 | C | MUGLA                        | TURKEY              |
| 67341 | C  | MAPUTO/MAVALANE            | MOZAMBIQUE          | 42147 | C | MUKTESHWAR KUMAON            | INDIA               |
| 82562 | C  | MARABA                     | BRAZIL              | 41675 | C | MULTAN                       | PAKISTAN            |

# STATION LIST RECENT DATA

|       |    |                             |                     |       |   |                              |                     |
|-------|----|-----------------------------|---------------------|-------|---|------------------------------|---------------------|
| 08429 | C  | MURCIA/ALCANTARILLA         | SPAIN               | 41710 | C | NOKKUNDI                     | PAKISTAN            |
| 72636 | C  | MUSKEGON/COUNTY, MI.        | USA                 | 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 BILLINGS                | RUSSIAN FEDERATION  | 89512 | C | NOVOLAZAREVSKAJA             | RUSSIAN FEDER. ANTA |
| 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           |
| 42867 | CT | NAGPUR SONEGAON             | INDIA               | 04250 | C | NUUK (GODTHAAB)              | GREENLAND           |
| 47936 | C  | NAHA                        | JAPAN               | 43473 | C | NUWARA ELIYA                 | SRI LANKA           |
| 63740 | C  | NAIROBI/KENYATTA AIRPORT    | KENYA               | 91212 | C | NWSO AGANA, GUAM, MARIANA IS | USA KA              |
| 41128 | C  | NAJRAN                      | SAUDI ARABIA        | 62790 | C | NYALA                        | SUDAN               |
| 24713 | C  | NAKANNO                     | RUSSIAN FEDERATION  | 72427 | C | OAK RIDGE, TN                | USA                 |
| 62002 | C  | NALUT                       | LIBYA               | 10948 | C | OBERSTDORF                   | GERMANY             |
| 38611 | C  | NAMANGAN                    | UZBEKISTAN          | 33837 | C | ODESA                        | UKRAINE             |
| 07181 | C  | NANCY-OCHEY                 | FRANCE              | 10742 | C | OEHRINGEN                    | GERMANY             |
| 71311 | C  | NAPPAN AUTO, NS             | CANADA              | 31088 | C | OHOTSK                       | RUSSIAN FEDERATION  |
| 23205 | C  | NAR'JAN-MAR                 | RUSSIAN FEDERATION  | 47815 | C | OITA                         | JAPAN               |
| 72327 | C  | NASHVILLE/METROPOLITAN, TN. | USA                 | 24688 | C | OJMJAKON                     | RUSSIAN FEDERATION  |
| 71813 | C  | NATASHQUAN A, QUE           | CANADA              | 72353 | C | OKLAHOMA CITY/W. ROGERS WORL | USA                 |
| 91683 | C  | NAUSORI                     | FIJI                | 34163 | C | OKTJABR'SKIJ GORODOK         | RUSSIAN FEDERATION  |
| 08215 | C  | NAVACERRADA                 | SPAIN               | 71044 | C | OLD CROW, YT                 | CANADA              |
| 41749 | C  | NAWABSHAH                   | PAKISTAN            | 24125 | C | OLENEK                       | RUSSIAN FEDERATION  |
| 37936 | C  | NAXCIVAN                    | AZERBAIJAN          | 72792 | C | OLYMPIA, WA.                 | USA                 |
| 47909 | C  | NAZE                        | JAPAN               | 47655 | C | OMAEZAKI                     | JAPAN               |
| 64700 | C  | NDJAMENA                    | CHAD                | 44215 | C | OMNO-GOBI                    | MONGOLIA            |
| 80315 | C  | NEIVA/BENITO SALAS          | COLOMBIA            | 25428 | C | OMOLON                       | RUSSIAN FEDERATION  |
| 31152 | C  | NEL' KAN                    | RUSSIAN FEDERATION  | 28698 | C | OMSK                         | RUSSIAN FEDERATION  |
| 47420 | C  | NEMURO                      | JAPAN               | 01212 | C | ONA II                       | NORWAY              |
| 29752 | C  | NENASTNAYA                  | RUSSIAN FEDERATION  | 22641 | C | ONEGA                        | RUSSIAN FEDERATION  |
| 30879 | C  | NERCHINSKIJ ZAVOD           | RUSSIAN FEDERATION  | 94476 | C | ODNADATTA AIRPORT            | AUSTRALIA           |
| 10557 | C  | NEUHAUS A.R.                | GERMANY             | 60461 | C | ORAN-PORT                    | ALGERIA             |
| 42182 | C  | NEW DELHI/SAFDARJUNG        | INDIA               | 08048 | C | ORENSE                       | SPAIN               |
| 64870 | C  | NGAOUNDERE                  | CAMEROON            | 76737 | C | ORIZABA, VER.                | MEXICO              |
| 48877 | C  | NHA TRANG                   | VIET NAM            | 01241 | C | ORLAND III                   | NORWAY              |
| 94827 | C  | NHILL AERODROME             | AUSTRALIA           | 85242 | C | ORURO                        | BOLIVIA             |
| 61052 | C  | NIAMEY-AERO                 | NIGER               | 47772 | C | OSAKA                        | JAPAN               |
| 07690 | C  | NICE                        | FRANCE              | 10480 | C | OSCHATZ                      | GERMANY             |
| 17250 | C  | NIGDE                       | TURKEY              | 47675 | C | OSHIMA                       | JAPAN               |
| 02942 | C  | NIINISALO                   | FINLAND             | 01384 | C | OSLO/GARDERMOEN              | NORWAY              |
| 31369 | C  | NIKOLAEVSK-NA-AMURE         | RUSSIAN FEDERATION  | 85782 | C | OSORNO                       | CHILE               |
| 13388 | C  | NIS                         | SERBIA AND MONTENEG | 02226 | C | OSTERSUND FROSON             | SWEDEN              |
| 30433 | C  | NIZHNEANGARSK               | RUSSIAN FEDERATION  | 71063 | C | OTTAWA CDA RCS, ONT          | CANADA              |
| 23724 | C  | NJAKSIMVOL'                 | RUSSIAN FEDERATION  | 65503 | C | OUAGADOUGOU                  | BURKINA FASO        |

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|       |   |                              |                     |       |   |                              |                    |
|-------|---|------------------------------|---------------------|-------|---|------------------------------|--------------------|
| 64458 | C | OUESSO                       | CONGO               | 32027 | C | POGIBI                       | RUSSIAN FEDERATION |
| 60115 | C | OUIDA                        | MOROCCO             | 47138 | C | POHANG                       | REP KOREA          |
| 60421 | C | OUM EL BOUAGHI               | ALGERIA             | 07207 | C | POINTE DU TALUT              | FRANCE             |
| 08015 | C | OVIEDO                       | SPAIN               | 20046 | C | POLARGMO IM. E.T. KRENKELJA  | RUSSIAN FEDERATION |
| 22619 | C | PADANY                       | RUSSIAN FEDERATION  | 08053 | C | PONFERRADA                   | SPAIN              |
| 16022 | C | PAGANELLA                    | ITALY               | 11934 | C | POPARD/TATRY                 | SLOVAKIA           |
| 48955 | C | PAKSE                        | LAO PDR             | 27675 | C | PORETSKOE                    | RUSSIAN FEDERATION |
| 08301 | C | PALMA DE MALLORCA            | SPAIN               | 83332 | C | POSSE                        | BRAZIL             |
| 08085 | C | PAMPLONA/NOAIN               | SPAIN               | 85293 | C | POTOSI                       | BOLIVIA            |
| 96237 | C | PANGKAL PINANG               | INDONESIA           | 83358 | C | POXOREO (POXOREU)            | BRAZIL             |
| 41560 | C | PARACHINAR                   | PAKISTAN            | 12330 | C | POZNAN                       | POLAND             |
| 37432 | C | PASANAURI                    | GEORGIA             | 48500 | C | PRACHUAP KHIRIKHAN           | THAILAND           |
| 42492 | T | PATNA                        | INDIA               | 31989 | C | PREOBRAZHENIE                | RUSSIAN FEDERATION |
| 71984 | C | PAULATUK, NWT                | CANADA              | 11423 | C | PRIMDA                       | CZECH REP          |
| 27823 | C | PAVELETS                     | RUSSIAN FEDERATION  | 72507 | C | PROVIDENCE/GREEN STATE, RI.  | USA                |
| 06610 | C | PAYERNE                      | SWITZERLAND & LIECH | 95940 | C | PT PERPENDICULAR AWS         | AUSTRALIA          |
| 71434 | C | PEAWANUCK (AUT), ONT         | CANADA              | 84515 | C | PUCALLPA                     | PERU               |
| 12942 | C | PECS/POGANY                  | HUNGARY             | 29313 | C | PUDINO                       | RUSSIAN FEDERATION |
| 86097 | C | PEDRO JUAN CABALLERO         | PARAGUAY            | 76685 | C | PUEBLA, PUE.                 | MEXICO             |
| 87544 | C | PEHUAJO AERO                 | ARGENTINA           | 43063 | C | PUNE                         | INDIA              |
| 96109 | C | PEKAN BARU/SIMPANGTIGA       | INDONESIA           | 26359 | C | PUSKINSKIE GORY              | RUSSIAN FEDERATION |
| 67215 | C | PEMBA                        | MOZAMBIQUE          | 43424 | C | PUTTALAM                     | SRI LANKA          |
| 48601 | C | PENANG/BAYAN LEPAS           | MALAYSIA            | 84179 | C | PUYO                         | ECUADOR            |
| 72532 | C | PEORIA/GREATER PEORIA MUN.,  | USA                 | 41315 | C | QAIROON HAIRITI              | OMAN               |
| 07747 | C | PERPIGNAN                    | FRANCE              | 56137 | C | QAMDO                        | CHINA              |
| 22820 | C | PETROZAVODSK                 | RUSSIAN FEDERATION  | 71357 | C | QIKIQTARJUAQ CLIMATE, NU     | CANADA             |
| 48887 | C | PHAN THIET                   | VIET NAM            | 54857 | C | QINGDAO                      | CHINA              |
| 48378 | C | PHITSANULOK                  | THAILAND            | 50745 | C | QIQIHAR                      | CHINA              |
| 48991 | C | PHNOM-PENH/POCHENTONG        | CAMBODIA            | 67283 | C | QUELIMANE                    | MOZAMBIQUE         |
| 72278 | C | PHOENIX/SKY HARBOR,          | USA                 | 72443 | C | QUINCY, IL                   | USA                |
| 48565 | C | PHUKET AIRPORT               | THAILAND            | 48870 | C | QUY NHON                     | VIET NAM           |
| 16052 | C | PIAN ROSA                    | ITALY               | 60135 | C | RABAT-SALE                   | MOROCCO            |
| 84140 | C | PICHILINGUE                  | ECUADOR             | 40362 | C | RAFHA                        | SAUDI ARABIA       |
| 11826 | C | PIESTANY                     | SLOVAKIA            | 72306 | C | RALEIGH/RALEIGH-DURHAM, NC.  | USA                |
| 86255 | C | PILAR                        | PARAGUAY            | 41859 | C | RANGPUR                      | BANGLADESH         |
| 33019 | C | PINSK                        | BELARUS             | 93994 | C | RAOUL ISLAND, KERMADEC IS. A | N ZEALAND          |
| 16158 | C | PISA/S. GIUSTO               | ITALY               | 91958 | C | RAPA                         | FRENCH POLY.       |
| 72520 | C | PITTSBURGH/GREATER PITTSBURG | USA                 | 41270 | C | RAS AL HADD                  | OMAN               |
| 84401 | C | PIURA                        | PERU                | 72669 | C | RAWLINGS, WY                 | USA                |
| 61990 | C | PLAISANCE (MAURITIUS)        | MAURITIUS           | 95670 | C | RAYVILLE PARK                | AUSTRALIA          |
| 07117 | C | PLOUMANAC'H PERROS GUIREC    | FRANCE              | 82900 | C | RECIFE                       | BRAZIL             |
| 65518 | C | PO                           | BURKINA FASO        | 10776 | C | REGENSBURG                   | GERMANY            |
| 72578 | C | POCATELLO/MUN., ID.          | USA                 | 07072 | C | REIMS-PRUNAY                 | FRANCE             |
| 61612 | C | PODOR                        | SENEGAL             | 07130 | C | RENNES                       | FRANCE             |

# STATION LIST RECENT DATA

|       |   |                              |                     |       |   |                              |                     |
|-------|---|------------------------------|---------------------|-------|---|------------------------------|---------------------|
| 71018 | C | RESOLUTE CS, NU              | CANADA              | 10035 | C | SCHLESWIG                    | GERMANY             |
| 08175 | C | REUS/AEROPUERTO              | SPAIN               | 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             | 62124 | C | SEBHA                        | LIBYA               |
| 72401 | C | RICHMOND/BYRD, VA.           | USA                 | 10261 | C | SEEHAUSEN                    | GERMANY             |
| 71307 | C | RIDGETOWN RCS, ONT           | CANADA              | 08213 | C | SEGOVIA                      | SPAIN               |
| 91948 | C | RIKITEA                      | FRENCH POLY.        | 32509 | C | SEMYACHIK                    | RUSSIAN FEDERATION  |
| 44203 | C | RINCHINHUMBE                 | MONGOLIA            | 47590 | C | SENDAI                       | JAPAN               |
| 76581 | C | RIO VERDE, S.L.P.            | MEXICO              | 47108 | C | SEOUL                        | REP KOREA           |
| 33301 | C | RIVNE                        | UKRAINE             | 71279 | C | SEPT-ILES, QUE               | CANADA              |
| 17040 | C | RIZE                         | TURKEY              | 61976 | C | SERGE-FROLOW (ILE TROMELIN)  | OCEAN ISLANDS       |
| 72411 | C | ROANOKE/MUN., VA.            | USA                 | 60445 | C | SETIF                        | ALGERIA             |
| 71490 | C | ROBERTSON LAKE (AUT), NU     | CANADA              | 23986 | C | SEVERO-ENISEJSK              | RUSSIAN FEDERATION  |
| 72529 | C | ROCHESTER/ROCHESTER-MONROE C | USA                 | 63980 | C | SEYCHELLES INTERNATIONAL AIR | SEYCHELLES          |
| 61988 | C | RODRIGUES                    | MAURITIUS           | 37126 | C | SHADZHATMAZ                  | RUSSIAN FEDERATION  |
| 06190 | C | ROENNE                       | DENMARK AND FAROE I | 22768 | C | SHENKURSK                    | RUSSIAN FEDERATION  |
| 72442 | C | ROLLA-VICHY, MO, ROLLA NAT A | USA                 | 47778 | C | SHIONOMISAKI                 | JAPAN               |
| 30650 | C | ROMANOVKA                    | RUSSIAN FEDERATION  | 72248 | C | SHREVEPORT/REG., LA.         | USA                 |
| 10170 | C | ROSTOCK-WARNEMUENDE          | GERMANY             | 38328 | C | SHYMKENT                     | KAZAKHSTAN          |
| 08449 | C | ROTA                         | SPAIN               | 26524 | C | SIAULIAI                     | LITHUANIA           |
| 07037 | C | ROUEN                        | FRANCE              | 15260 | C | SIBIU                        | ROMANIA             |
| 51777 | C | RUOQIANG                     | CHINA               | 60520 | C | SIDI-BEL-ABBES               | ALGERIA             |
| 85141 | C | RURRENABAQUE                 | BOLIVIA             | 12385 | C | SIEDLCE                      | POLAND              |
| 28966 | C | RUZAEVKA                     | KAZAKHSTAN          | 17210 | C | SIIRT                        | TURKEY              |
| 16008 | C | S. VALENTINO ALLA MUTA       | ITALY               | 42619 | C | SILCHAR                      | INDIA               |
| 89004 | C | S.A.N.A.E. AWS               | SOUTH AFRICA        | 33946 | C | SIMFEROPOL'                  | UKRAINE             |
| 10708 | C | SAARBRUECKEN/ENSHEIM         | GERMANY             | 48698 | C | SINGAPORE/CHANGI AIRPORT     | SINGAPORE           |
| 71600 | C | SABLE ISLAND, NS             | CANADA              | 06720 | C | SION                         | SWITZERLAND & LIECH |
| 71467 | C | SACHS HARBOUR CLIMATE, NWT   | CANADA              | 62019 | C | SIRTE                        | LIBYA               |
| 28552 | C | SADRINSK                     | RUSSIAN FEDERATION  | 48062 | C | SITTWE                       | MYANMAR             |
| 06680 | C | SAENTIS                      | SWITZERLAND & LIECH | 17090 | C | SIVAS                        | TURKEY              |
| 42671 | C | SAGAR                        | INDIA               | 62417 | C | SIWA                         | EGYPT               |
| 44336 | C | SAIKHAN-OVOO                 | MONGOLIA            | 71069 | C | SLAVE LAKE A, ALTA           | CANADA              |
| 08202 | C | SALAMANCA/MATACAN            | SPAIN               | 11903 | C | SLIAC                        | SLOVAKIA            |
| 16723 | C | SAMOS (AIRPORT)              | GREECE              | 26951 | C | SLUTSK                       | BELARUS             |
| 08021 | C | SANTANDER/PARAYAS            | SPAIN               | 26781 | C | SMOLENSK                     | RUSSIAN FEDERATION  |
| 82106 | C | SAO GABRIEL DA CACHOEIRA     | BRAZIL              | 76845 | C | SN. CRISTOBAL LAS CASAS, CHI | MEXICO              |
| 47412 | C | SAPPORO                      | JAPAN               | 32477 | C | SOBOLEVO                     | RUSSIAN FEDERATION  |
| 14654 | C | SARAJEVO-BJELAVE             | BOSNIA AND HERZEGOV | 02836 | C | SODANKYLA                    | FINLAND             |
| 21802 | C | SASKYLAH                     | RUSSIAN FEDERATION  | 15614 | C | SOFIA (OBSERV.)              | BULGARIA            |
| 97900 | C | SAUMLAKI/OLILIT              | INDONESIA           | 41246 | C | SOHAR MAJIS                  | OMAN                |
| 48947 | C | SAVANNAKHET                  | LAO PDR             | 65361 | C | SOKODE                       | TOGO                |
| 48938 | C | SAYABOURY                    | LAO PDR             | 48806 | C | SON LA                       | VIET NAM            |

# STATION LIST RECENT DATA

|       |   |                         |                    |       |    |                        |                     |
|-------|---|-------------------------|--------------------|-------|----|------------------------|---------------------|
| 08148 | C | SORIA                   | SPAIN              | 28493 | C  | TARA                   | RUSSIAN FEDERATION  |
| 16746 | C | SOUDA (AIRPORT)         | GREECE             | 04360 | C  | TASIILAQ (AMMASSALIK)  | GREENLAND           |
| 31770 | C | SOVETSKAYA GAVAN'       | RUSSIAN FEDERATION | 71028 | C  | TATLAYOKO LAKE RCS, BC | CANADA              |
| 14445 | C | SPLIT/MARJAN            | CROATIA            | 96481 | C  | TAWAU                  | MALAYSIA            |
| 72785 | C | SPOKANE/INT., WA.       | USA                | 23256 | C  | TAZOVSKOE              | RUSSIAN FEDERATION  |
| 68512 | C | SPRINGBOK               | SOUTH AFRICA       | 37545 | C  | TBILISI                | GEORGIA             |
| 25206 | C | SREDNE-KOLYMSK          | RUSSIAN FEDERATION | 60475 | C  | TEBESSA                | ALGERIA             |
| 42027 | C | SRINAGAR                | INDIA              | 78720 | C  | TEGUCIGALPA            | HONDURAS            |
| 10028 | C | ST PETER-ORDING         | GERMANY            | 35426 | C  | TEMIR                  | KAZAKHSTAN          |
| 61901 | C | ST. HELENA IS.          | OCEAN ISLANDS      | 60025 | C  | TENERIFE SUR           | SPAIN               |
| 60020 | C | STA. CRUZ DE TENERIFE   | SPAIN              | 76556 | C  | TEPIC, NAY.            | MEXICO              |
| 71017 | C | STEFANSSON ISLAND, NU   | CANADA             | 16232 | C  | TERMOLI                | ITALY               |
| 02485 | C | STOCKHOLM               | SWEDEN             | 94570 | C  | TEWANTIN RSL PARK      | AUSTRALIA           |
| 07190 | C | STRASBOURG-ENTZHEIM     | FRANCE             | 48946 | C  | THAKHEK                | LAO PDR             |
| 10738 | C | STUTTGART-ECHTERDINGEN  | GERMANY            | 16622 | C  | THESSALONIKI (AIRPORT) | GREECE              |
| 04013 | C | STYKKISHOLMUR           | ICELAND            | 43371 | CT | THIRUVANANTHAPURAM     | INDIA               |
| 15023 | C | SUCEAVA                 | ROMANIA            | 71079 | C  | THOMPSON               | CANADA              |
| 24136 | C | SUHANA                  | RUSSIAN FEDERATION | 95908 | C  | THREDBO VILLAGE        | AUSTRALIA           |
| 15360 | C | SULINA                  | ROMANIA            | 41314 | C  | THUMRAIT               | OMAN                |
| 97260 | C | SUMBAWA BESAR/BRANGBIJI | INDONESIA          | 60511 | C  | TIARET                 | ALGERIA             |
| 24738 | C | SUNTAR                  | RUSSIAN FEDERATION | 94485 | C  | TIBOOURRA POST OFFICE  | AUSTRALIA           |
| 22676 | C | SURA                    | RUSSIAN FEDERATION | 61036 | C  | TILLABERY              | NIGER               |
| 24790 | C | SUSUMAN                 | RUSSIAN FEDERATION | 02366 | C  | TIMRA/MIDLANDA         | SWEDEN              |
| 47421 | C | SUTTSU                  | JAPAN              | 60656 | C  | TINDOUF                | ALGERIA             |
| 01008 | C | SVALBARD LUFTHAVN       | NORWAY             | 03100 | C  | TIREE                  | U KINGDOM           |
| 71446 | C | SWIFT CURRENT CDA, SASK | CANADA             | 60395 | C  | TIZI-OUZOU             | ALGERIA             |
| 94767 | C | SYDNEY AIRPORT AMO      | AUSTRALIA          | 76683 | C  | TLAXCALA, TLAX.        | MEXICO              |
| 41891 | C | SYLHET                  | BANGLADESH         | 60531 | C  | TLEMCEN-ZENATA         | ALGERIA             |
| 89532 | C | SYOWA                   | JAPAN              | 67095 | C  | TOAMASINA              | MADAGASCAR          |
| 72519 | C | SYRACUSE/HANCOCK,       | USA                | 28275 | C  | TOBOL'SK               | RUSSIAN FEDERATION  |
| 12205 | C | SZCZECIN                | POLAND             | 31137 | C  | TOKO                   | RUSSIAN FEDERATION  |
| 12982 | C | SZEGED                  | HUNGARY            | 08272 | C  | TOLEDO                 | SPAIN               |
| 40375 | C | TABUK                   | SAUDI ARABIA       | 24671 | C  | TOMPO                  | RUSSIAN FEDERATION  |
| 84782 | C | TACNA                   | PERU               | 06011 | C  | TORSHAVN               | DENMARK AND FAROE I |
| 34720 | C | TAGANROG                | RUSSIAN FEDERATION | 44225 | C  | TOSONTSENGEL           | MONGOLIA            |
| 61043 | C | TAHOUA                  | NIGER              | 27051 | C  | TOT'MA                 | RUSSIAN FEDERATION  |
| 35406 | C | TAIPAK                  | KAZAKHSTAN         | 07240 | C  | TOURS                  | FRANCE              |
| 25932 | C | TAJGONOS                | RUSSIAN FEDERATION | 94294 | C  | TOWNSVILLE AERO        | AUSTRALIA           |
| 47891 | C | TAKAMATSU               | JAPAN              | 16429 | C  | TRAPANI BIRGI          | ITALY               |
| 26038 | C | TALLINN                 | ESTONIA            | 87688 | C  | TRES ARROYOS           | ARGENTINA           |
| 60680 | C | TAMANRASSET             | ALGERIA            | 10609 | C  | TRIER-PETRISBERG       | GERMANY             |
| 60101 | C | TANGER (AERODROME)      | MOROCCO            | 23711 | C  | TROICKO-PECHERSKOE     | RUSSIAN FEDERATION  |
| 67197 | C | TAOLAGNARO              | MADAGASCAR         | 26997 | C  | TRUBCHEVSK             | RUSSIAN FEDERATION  |
| 76903 | C | TAPACHULA, CHIS         | MEXICO             | 44282 | C  | TSETSERLEG             | MONGOLIA            |

# STATION LIST RECENT DATA

|       |   |                          |                     |       |    |                              |                     |
|-------|---|--------------------------|---------------------|-------|----|------------------------------|---------------------|
| 44347 | C | TSOGT-OVOO               | MONGOLIA            | 83208 | C  | VILHENA AERO                 | BRAZIL              |
| 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         | 26666 | C  | VITEBSK                      | BELARUS             |
| 76634 | C | TULANCINGO, HGO.         | MEXICO              | 37228 | C  | VLADIKAVKAZ                  | RUSSIAN FEDERATION  |
| 80453 | C | TUMEREMO                 | VENEZUELA           | 06310 | C  | VLISSINGEN                   | NETHERLANDS         |
| 60715 | C | TUNIS-CARTHAGE           | TUNISIA             | 20982 | C  | VOLOCHANKA                   | RUSSIAN FEDERATION  |
| 23472 | C | TURUHANSK                | 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             |
| 16044 | T | UDINE/CAMPOFORMIDO       | ITALY               | 22837 | C  | VYTEGRA                      | RUSSIAN FEDERATION  |
| 48354 | C | UDON THANI               | THAILAND            | 72256 | C  | WACO, MADISON-COOPER,        | USA                 |
| 10193 | C | UECKERMUENDE             | GERMANY             | 62751 | C  | WAD MEDANI                   | SUDAN               |
| 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            | 47570 | C  | WAKAMATSU                    | JAPAN               |
| 44214 | C | ULGI                     | MONGOLIA            | 97686 | C  | WAMENA                       | INDONESIA           |
| 44272 | C | ULIASTAI                 | MONGOLIA            | 95640 | C  | WANDERING                    | AUSTRALIA           |
| 47115 | C | ULLEUNGDO                | REP KOREA           | 12375 | C  | WARZAWA-OKECIE               | POLAND              |
| 10838 | C | ULM                      | GERMANY             | 10544 | C  | WASSERKUPPE                  | GERMANY             |
| 33587 | C | UMAN'                    | UKRAINE             | 71199 | C  | WATSON LAKE (AUT), YT        | CANADA              |
| 44304 | C | UNDERKHAAN               | MONGOLIA            | 10688 | C  | WEIDEN                       | GERMANY             |
| 89108 | C | UNIV. WI ID 8985 - HENRY | USA                 | 93439 | C  | WELLINGTON AERO AWS          | N ZEALAND           |
| 68424 | C | UPINGTON                 | SOUTH AFRICA        | 56187 | C  | WENJIANG                     | CHINA               |
| 47426 | C | URAKAWA                  | JAPAN               | 10424 | C  | WERL                         | GERMANY             |
| 38396 | C | URGENCH                  | UZBEKISTAN          | 72203 | C  | WEST PALM BEACH/ INT. FL.    | USA                 |
| 17188 | C | USAK                     | TURKEY              | 71964 | C  | WHITEHORSE A, YT             | CANADA              |
| 87938 | C | USHUAIA AERO             | ARGENTINA           | 72351 | C  | WICHITA FALLS/SHEPS AFB/WICH | USA                 |
| 16400 | C | USTICA                   | ITALY               | 11035 | C  | WIEN/HOHE WARTE              | AUSTRIA             |
| 01403 | C | UTSIRA FYR               | NORWAY              | 72418 | C  | WILMINGTON, DE NEW CASTLE AP | USA                 |
| 33631 | C | UZHHOROD                 | UKRAINE             | 68110 | C  | WINDHOEK                     | NAMIBIA             |
| 61995 | C | VACOAS (MAURITIUS)       | MAURITIUS           | 10474 | C  | WITTENBERG                   | GERMANY             |
| 03302 | C | VALLEY                   | U KINGDOM           | 12497 | C  | WLODAWA                      | POLAND              |
| 17170 | C | VAN                      | TURKEY              | 94659 | C  | WOOMERA AERODROME            | AUSTRALIA           |
| 01098 | C | VARDO                    | NORWAY              | 72510 | C  | WORCESTER, MA WORCESTER RGNL | USA                 |
| 33038 | C | VASILEVICHI              | BELARUS             | 12424 | C  | WROCLAW II                   | POLAND              |
| 42909 | C | VERAVAL                  | INDIA               | 51463 | CT | WU LU MU QI                  | CHINA               |
| 48112 | C | VICTORIA POINT           | MYANMAR             | 10655 | C  | WUERZBURG                    | GERMANY             |
| 15502 | C | VIDIN                    | BULGARIA            | 10686 | C  | WUNSIEDEL-SCHOENBRUNN        | GERMANY             |
| 87791 | C | VIDMA AERO               | ARGENTINA           | 94709 | C  | WYALONG POST OFFICE          | AUSTRALIA           |
| 08045 | C | VIGO/PEINADOR            | SPAIN               | 56571 | C  | XICHANG                      | CHINA               |

# STATION LIST RECENT DATA

|       |    |                         |                     |
|-------|----|-------------------------|---------------------|
| 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 FEDERATION      |
| 71603 | CT | YARMOUTH UA, NS         | CANADA              |
| 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                 |
| 52983 | C  | YU ZHONG                | CHINA               |
| 14236 | C  | ZAGREB/GRIC             | CROATIA             |
| 40856 | C  | ZAHEDAN                 | IRAN, ISLAMIC REP   |
| 27857 | C  | ZAMETCHINO              | RUSSIAN FEDERATION  |
| 81225 | C  | ZANDERIJ                | SURINAME            |
| 08160 | C  | ZARAGOZA/AEROPUERTO     | SPAIN               |
| 34398 | C  | ZHALPAKTAL              | KAZAKHSTAN          |
| 57083 | C  | ZHENGZHOU               | CHINA               |
| 24343 | C  | ZHIGANSK                | RUSSIAN FEDERATION  |
| 41620 | C  | ZHOB                    | PAKISTAN            |
| 61695 | C  | ZIGUINCHOR              | SENEGAL             |
| 61090 | C  | ZINDER                  | NIGER               |
| 36038 | C  | ZMEINOGORSK             | RUSSIAN FEDERATION  |
| 17022 | C  | ZONGULDAK               | TURKEY              |
| 61404 | C  | ZOUERATE                | MAURITANIA          |
| 06660 | C  | ZUERICH-METEOSCHWEIZ    | SWITZERLAND & LIECH |
| 10961 | C  | ZUGSPITZE               | GERMANY             |
| 25400 | C  | ZYRYANKA                | RUSSIAN FEDERATION  |



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### **Hourly Precipitation Data**

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

### **Climatological Data**

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

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

### **Storm Data**

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

### **Monthly Climatic Data for the World**

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

### **Local Climatological Data**

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains 3 hourly weather observations for that month and a hourly summary of precipitation. Annual LCD publications contain a summary of the past calendar year as well as historical averages and extremes.

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