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**MONTHLY**

**CLIMATIC**

**DATA**

**FOR THE WORLD**

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

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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

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151 Patton Avenue  
Asheville, NC 28801-5001**

# SURFACE

# DECEMBER 2011

| STATION                    | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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        |           | 989.8        | 990.9          | -3.3        | 1.9    | 4.0            | .3     | 11            | 58    | -7     | 3        |          |          |
| 01008 SVALBARD LUFTHAVN    | 7815N    | 01528E    | 29        |           | 987.7        | 991.0          | -6.6        | 6.7    | 2.8            | .8     | 2             | 5     | -9     | 1        |          |          |
| 01025 TROMSO/LANGNES       | 6941N    | 01855E    | 10        |           | 986.7        | 987.8          | -.5         | 2.2    | 4.5            | .3     | 12            | 71    | -34    | 2        |          |          |
| 01026 TROMSO               | 6939N    | 01856E    | 115       |           | 973.6        | 987.6          | -.6         |        | 4.5            |        | 12            | 78    |        | 2        | 0        |          |
| 01028 BJORNOYA             | 7431N    | 01901E    | 16        |           | 985.5        | 987.5          | -1.8        | 5.3    | 4.8            | 1.3    | 14            | 47    | 16     | 5        |          |          |
| 01098 VARDØ                | 7022N    | 03106E    | 15        |           | 989.0        | 990.8          | .8          | 4.5    | 5.3            | 1.2    | 13            | 40    | -13    | 2        |          |          |
| 01152 BODØ VI              | 6716N    | 01422E    | 13        |           | 985.6        | 987.2          | 1.5         | 2.7    | 4.9            | .4     | 12            | 48    | -52    | 1        | 0        |          |
| 01212 ONA II               | 6252N    | 00632E    | 15        |           | 986.9        | 988.6          | 4.9         |        | 6.6            |        | 20            | 185   |        | 4        |          |          |
| 01238 FOKSTUA II           | 6207N    | 00917E    | 974       |           | 875.9        | 989.7          | -5.7        |        | 3.4            |        | 14            | 29    |        | 3        |          |          |
| 01241 ORLAND III           | 6342N    | 00936E    | 7         |           | 986.8        | 988.0          | 2.7         | 2.2    | 5.7            | .3     | 19            | 101   | -12    | 3        |          |          |
| 01317 BERGEN/FLORIDA       | 6023N    | 00520E    | 36        |           | 988.8        | 992.9          | 3.5         | .9     | 6.3            | .2     | 29            | 347   | 112    | 5        |          |          |
| 01384 OSLO/GARDERMOEN      | 6012N    | 01105E    | 204       |           | 969.0        | 993.7          | -1.2        | 4.5    | 4.9            | 1.0    | 12            | 92    | 27     | 4        |          |          |
| 01403 UTSIRA FYR           | 5918N    | 00453E    | 56        |           | 987.1        | 993.9          | 5.0         |        | 7.3            |        | 28            | 226   |        |          |          |          |
| 01415 STAVANGER/SOLA       | 5853N    | 00538E    | 9         |           | 994.0        | 995.1          | 4.5         | 2.3    | 6.9            | .7     | 28            | 205   | 95     | 5        |          |          |
| 01465 TORUNGEN FYR         | 5824N    | 00848E    | 15        |           | 994.1        | 996.0          | 4.0         |        | 6.7            |        | 15            | 115   |        | 5        |          |          |
| <b>SWEDEN</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02080 KARESUANDO           | 6827N    | 02227E    | 331       |           | 950.0        | 990.5          | -5.9        | 8.1    | 3.9            | 1.5    | 15            | 46    | 22     | 6        | 0        |          |
| 02120 KVIKKJOKK-ARRENJARKA | 6653N    | 01801E    | 320       |           | 951.8        | 990.6          | -7.4        |        | 3.6            |        | 17            | 80    |        | 5        |          |          |
| 02128 GUNNARN              | 6500N    | 01742E    | 283       |           | 957.0        | 990.9          | -5.3        | 5.8    | 4.1            | 1.2    | 15            | 66    | 29     | 5        |          |          |
| 02226 OSTERSUND FROSON     | 6312N    | 01430E    | 376       |           | 945.2        | 990.4          | -1.8        | 4.3    | 4.8            | 1.1    | 13            | 83    | 52     | 6        | 19       |          |
| 02366 TIMRA/MIDLANDA       | 6231N    | 01727E    | 8         |           | 991.4        | 992.0          | -1.9        | 4.8    | 5.0            | 1.3    | 13            | 72    | 20     | 5        |          |          |
| 02418 KARLSTAD FLYGPLATS   | 5927N    | 01320E    | 107       |           | 981.8        | 994.9          | 1.5         | 4.4    | 6.2            | 1.3    |               |       |        |          | 46       | 107      |
| 02485 STOCKHOLM            | 5921N    | 01804E    | 52        |           | 989.5        | 995.9          | 2.5         | 3.5    | 6.4            | 1.3    | 12            | 75    | 29     | 5        | 36       | 109      |
| 02550 JONKOPING/AXAMO      | 5745N    | 01405E    | 224       |           | 970.7        | 998.2          | 1.4         | 3.4    | 6.9            | 1.7    | 21            | 142   | 89     | 6        |          |          |
| 02590 VISBY                | 5740N    | 01821E    | 51        |           | 993.0        | 999.2          | 3.2         | 2.5    | 7.0            | 1.1    | 20            | 90    | 39     | 5        | 35       | 121      |
| <b>FINLAND</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02801 KILPISJARVI          | 6903N    | 02047E    | 478       |           | 932.4        | 990.5          | -5.1        |        | 3.7            |        | 8             | 23    |        | 2        |          |          |
| 02805 KEVO                 | 6945N    | 02702E    | 107       |           | 978.1        | 991.2          | -5.1        |        | 3.9            |        | 9             | 35    |        | 4        | 0        |          |
| 02836 SODANKYLA            | 6722N    | 02639E    | 179       |           | 970.3        | 992.4          | -3.7        | 9.4    | 4.6            |        | 19            | 70    | 39     | 6        | 0        |          |
| 02897 KAJAANI              | 6417N    | 02741E    | 143       |           | 977.7        | 994.2          | -.9         | 8.5    | 5.4            |        |               |       |        |          |          |          |
| 02929 JOENSUU              | 6240N    | 02938E    | 119       |           | 982.2        | 996.9          | -.2         | 8.0    | 5.6            |        |               |       |        |          |          |          |
| 02935 JYVASKYLA            | 6224N    | 02541E    | 145       |           | 977.9        | 995.4          | .0          | 7.2    | 5.8            |        | 21            | 89    | 42     | 5        | 1        |          |
| 02942 NIINISALO            | 6151N    | 02228E    | 136       |           | 978.7        | 994.1          | .6          | 6.2    | 5.9            |        | 20            | 110   | 63     | 6        |          |          |
| 02974 HELSINKI-VANTAA      | 6019N    | 02458E    | 56        |           | 991.0        | 997.7          | 2.1         | 6.2    | 6.4            |        | 22            | 168   | 110    | 6        | 18       | 67       |
| <b>UNITED KINGDOM</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# 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>03005 LERWICK</b>               | 6008N    | 00111W    | 84        |           | 981.7        | 991.6          | 3.8         | -1     | 6.7            |        | 26            | 241   | 99     | 5        | 13       | 100      |
| <b>03026 STORNOWAY AIRPORT</b>     | 5813N    | 00619W    | 15        |           | 993.9        | 995.9          | 4.8         | .0     | 7.5            |        | 28            | 195   | 67     | 5        | 15       | 63       |
| 03066 KINLOSS                      | 5739N    | 00334W    | 7         |           | 996.7        | 997.4          | 4.0         | .2     | 6.8            |        | 15            | 86    | 34     | 5        | 47       | 134      |
| 03091 DYCE                         | 5712N    | 00213W    | 69        |           | 990.2        | 998.2          | 4.1         | .6     | 6.5            |        | 13            | 51    | -22    | 2        | 57       | 136      |
| 03100 TIREE                        | 5630N    | 00653W    | 12        |           | 998.5        | 1000.1         | 6.0         | .1     | 8.4            |        | 31            | 262   | 141    | 6        | 21       | 70       |
| <b>03162 ESKDALEMUIR</b>           | 5519N    | 00312W    | 242       |           | 975.0        | 1003.9         | 3.2         | .7     | 7.1            |        | 29            | 269   | 104    | 5        | 17       | 45       |
| 03257 LEEMING                      | 5418N    | 00132W    | 40        |           | 1001.4       | 1005.5         | 5.2         | 1.2    | 7.5            |        | 15            | 61    | 9      | 4        | 44       | 96       |
| <b>03302 VALLEY</b>                | 5315N    | 00432W    | 11        |           | 1007.4       | 1008.6         | 7.8         | 1.4    | 8.7            |        | 20            | 89    | -5     | 3        | 21       | 43       |
| <b>03377 WADDINGTON</b>            | 5310N    | 00031W    | 70        |           | 999.5        | 1008.0         | 5.5         | 1.6    | 7.7            |        | 14            | 62    | 9      | 4        | 52       | 106      |
| 03502 ABERPORTH                    | 5208N    | 00434W    | 134       |           | 995.1        | 1011.3         | 7.6         | 1.8    | 8.6            |        | 20            | 126   | 31     | 4        | 25       | 53       |
| 03740 LYNEHAM                      | 5130N    | 00159W    | 147       |           | 994.5        | 1012.3         | 6.1         | 1.8    | 8.2            |        | 12            | 71    | -5     | 3        | 63       | 126      |
| 03797 MANSTON                      | 5121N    | 00120E    | 54        |           | 1005.8       | 1011.8         | 6.5         | 1.4    | 8.3            |        | 12            | 107   | 58     | 6        | 65       | 127      |
| <b>03808 CAMBORNE</b>              | 5013N    | 00519W    | 88        |           | 1005.1       | 1015.6         | 8.6         |        | 9.3            |        | 23            | 134   |        | 3        | 29       | 55       |
| 03862 HURN                         | 5047N    | 00150W    | 11        |           | 1012.2       | 1013.5         | 7.1         | 2.0    | 8.9            |        | 18            | 93    | 3      | 3        | 49       | 86       |
| 03917 ALDERGROVE                   | 5439N    | 00613W    | 81        |           | 997.7        | 1005.5         | 5.3         | .7     | 7.9            |        | 25            | 87    | 9      | 4        | 34       | 89       |
| <b>IRELAND</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>03953 VALENTIA OBSERVATORY</b>  | 5156N    | 01015W    | 30        |           | 1009.6       | 1013.3         | 8.4         | .4     | 9.2            | .0     | 28            | 189   | 30     | 4        | 17       | 45       |
| 03955 CORK AIRPORT                 | 5151N    | 00829W    | 162       |           | 996.6        | 1016.3         | 10.4        | 4.2    | 10.5           | 1.8    | 18            | 91    | -45    | 2        | 194      | 100      |
| 03962 SHANNON AIRPORT              | 5242N    | 00855W    | 20        |           | 1013.0       | 1015.4         | 11.8        | 5.3    | 10.8           | 2.2    | 18            | 103   | 4      | 3        | 204      | 110      |
| 03967 CASEMENT AERODROME           | 5318N    | 00626W    | 97        |           | 997.4        | 1008.9         | 5.8         |        | 8.3            |        | 15            | 53    |        |          | 26       | 55       |
| 03969 DUBLIN AIRPORT               | 5326N    | 00615W    | 85        |           | 998.1        | 1008.6         | 5.8         | -2     | 8.3            | .2     | 14            | 52    | -24    | 2        | 57       | 110      |
| 03973 CONNAUGHT AIRPORT            | 5354N    | 00849W    | 209       |           | 988.9        | 1014.2         | 9.8         |        | 10.2           |        | 22            | 116   |        |          | 187      |          |
| 03976 BELMULLET                    | 5414N    | 01000W    | 10        |           | 1012.3       | 1013.5         | 11.1        | 4.1    | 11.4           | 2.8    | 16            | 91    | -28    | 2        | 204      | 105      |
| <b>03980 MALIN HEAD</b>            | 5522N    | 00720W    | 25        |           | 1010.2       | 1013.3         | 10.8        | 4.2    | 10.6           | 2.4    | 16            | 95    | -8     | 3        | 221      | 115      |
| <b>ICELAND</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 04018 KEFLAVIKURFLUGVOLLUR         | 6358N    | 02236W    | 54        |           |              | 989.7          | -1.5        |        | 4.5            |        | 20            | 81    |        | 1        |          |          |
| 04030 REYKJAVIK                    | 6408N    | 02156W    | 61        |           | 982.4        | 989.9          | -1.9        | -1.7   | 4.2            | -8     | 16            | 78    | 0      | 3        | 13       |          |
| 04063 AKUREYRI                     | 6541N    | 01805W    | 27        |           | 988.0        | 991.4          | -4.0        | -2.1   | 3.7            | -9     | 11            | 50    | -2     | 3        | 1        |          |
| 04082 AKURNES                      | 6418N    | 01513W    | 21        |           |              | 989.9          | -1.4        |        | 4.3            |        | 9             | 61    |        | 1        |          |          |
| <b>GREENLAND</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 04220 AASIAAT (EGEDESMINDE)        | 6842N    | 05251W    | 43        |           |              | 996.6          | -9.1        | .7     | 2.0            |        | 11            | 45    | 19     |          |          |          |
| <b>04250 NUUK (GODTHAAB)</b>       | 6410N    | 05145W    | 84        |           |              | 995.4          | -6.4        | -2     | 2.6            |        | 24            | 201   | 147    |          |          |          |
| 04312 STATION NORD AWS             | 8136N    | 01641W    | 36        |           |              | 1004.2         | -27.4       | .5     | .3             |        |               |       |        |          |          |          |
| <b>04320 DANMARKSHAVN</b>          | 7646N    | 01840W    | 12        |           |              | 1000.1         | -19.3       | 2.5    | .9             |        |               |       |        |          |          |          |
| 04339 ITTOQQORTOORMIT (SCORESBYSU) | 7029N    | 02157W    | 69        |           |              | 998.6          | -13.6       |        | 1.3            |        |               |       |        |          |          |          |
| <b>04360 TASIILAQ (AMMASSALIK)</b> | 6536N    | 03738W    | 52        |           |              | 994.5          | -9.4        | -2.2   | 1.7            |        | 6             | 54    | -52    |          |          |          |
| 04390 PRINS CHRISTIAN SUND         | 6003N    | 04310W    | 88        |           |              | 995.9          | -4.2        | -1.0   | 2.7            |        |               |       |        |          |          |          |
| <b>DENMARK AND FAROE ISLANDS</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>06011 TORSHAVN</b>              | 6201N    | 00646W    | 61        |           |              | 990.2          | 2.8         | -1.0   | 5.8            |        | 28            | 322   | 151    |          |          |          |

# 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. |
| 06030 AALBORG                          | 5706N    | 00951E    | 13        |           |              | 998.9          | 4.1         | 2.8    | 7.2            |        | 11            | 47    |        |          |          |          |
| 06186 KOEBENHAVN/LANDBOHOEJSKOLEN      | 5541N    | 01233E    | 7         |           |              | 1002.7         | 4.7         |        | 7.6            |        | 15            | 50    |        |          |          |          |
| 06190 ROENNE                           | 5504N    | 01445E    | 17        |           |              | 1004.3         | 4.8         | 2.5    | 7.5            |        |               |       |        |          |          |          |
| <b>NETHERLANDS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06235 DE KOOY                          | 5256N    | 00447E    | 2         |           | 1007.8       | 1007.9         | 7.0         | 2.8    | 8.2            | .8     | 23            | 126   | 50     | 5        | 47       | 127      |
| 06260 DE BILT                          | 5206N    | 00511E    | 4         |           | 1009.6       | 1009.9         | 6.5         | 3.3    | 8.2            | 1.1    | 22            | 139   | 56     | 5        | 53       | 123      |
| 06280 EELDE/GRONINGEN AP EELDE         | 5307N    | 00635E    | 4         |           | 1007.0       | 1007.5         | 5.5         | 3.0    | 8.1            | 1.1    | 24            | 169   | 94     | 5        | 56       | 170      |
| 06310 VLISSINGEN                       | 5127N    | 00336E    | 10        |           | 1010.3       | 1011.3         | 7.1         | 2.5    | 8.5            | 1.0    | 21            | 161   | 89     | 6        | 63       | 154      |
| <b>LUXEMBOURG</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06590 LUXEMBOURG/LUXEMBOURG            | 4937N    | 00613E    | 376       |           | 969.9        | 1015.7         | 4.0         |        |                |        | 22            | 188   | 109    | 5        | 31       | 74       |
| <b>SWITZERLAND &amp; LIECHTENSTEIN</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06610 PAYERNE                          | 4649N    | 00657E    | 491       |           | 961.9        | 1021.3         | 3.8         |        | 6.9            |        | 16            | 95    |        |          | 42       | 100      |
| 06660 ZUERICH-METEOSCHWEIZ             | 4723N    | 00834E    | 569       |           | 952.6        | 1019.8         | 3.6         | 3.0    | 6.8            | 1.4    | 22            | 169   | 94     | 5        | 32       | 84       |
| 06680 SAENTIS                          | 4715N    | 00921E    | 2502      |           | 746.8        | 2998 Z         | -6.4        | .1     | 3.2            | .7     | 26            |       |        |          | 61       | 51       |
| 06700 GENEVE-COINTRIN                  | 4615N    | 00608E    | 420       |           | 971.9        | 1022.1         | 4.2         | 2.4    | 6.9            | 1.3    | 20            | 145   | 63     | 5        | 55       | 131      |
| 06717 GRAND ST. BERNARD                | 4552N    | 00710E    | 2479      |           | 749.9        | 3024 Z         | -5.9        |        | 3.1            |        | 21            |       |        |          | 18       | 60       |
| 06770 LUGANO                           | 4600N    | 00858E    | 276       |           | 982.3        | 1019.0         | 5.9         | 2.3    | 5.8            | .3     | 3             | 14    | -51    | 1        | 116      | 99       |
| <b>FRANCE</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 07005 ABBEVILLE                        | 5008N    | 00150E    | 77        |           | 1005.3       | 1014.4         | 7.2         |        | 8.7            |        | 23            | 179   |        | 5        | 42       | 85       |
| 07015 LILLE                            | 5034N    | 00306E    | 52        |           | 1007.7       | 1013.5         | 6.4         |        | 8.4            |        | 20            | 156   |        | 6        | 61       | 135      |
| 07020 LA HAGUE                         | 4943N    | 00156W    | 12        |           | 1013.5       | 1019.9         | 10.6        |        | 10.4           |        | 24            | 215   |        | 6        |          |          |
| 07027 CAEN                             | 4911N    | 00027W    | 67        |           | 1008.5       | 1016.7         | 7.8         | 2.5    | 9.4            |        | 20            | 147   | 78     | 5        | 66       | 103      |
| 07037 ROUEN                            | 4923N    | 00111E    | 156       |           | 997.6        | 1016.2         | 6.5         |        | 9.0            |        | 24            | 205   |        |          | 40       | 80       |
| 07070 REIMS                            | 4918N    | 00402E    | 91        |           | 1005.1       | 1016.3         | 6.7         |        | 8.5            |        | 21            | 133   |        | 6        | 48       | 95       |
| 07110 BREST                            | 4827N    | 00425W    | 99        |           | 1007.3       | 1018.9         | 9.0         | 1.7    | 10.0           |        | 22            | 214   | 74     | 5        | 46       | 73       |
| 07117 PLOUMANAC'H PERROS GUIREC        | 4850N    | 00328W    | 58        |           | 1010.7       | 1019.0         | 9.7         |        | 9.9            |        | 25            | 173   |        |          |          |          |
| 07130 RENNES                           | 4804N    | 00144W    | 43        |           | 1013.8       | 1019.1         | 8.2         |        | 9.7            |        | 18            | 106   |        | 5        | 70       | 105      |
| 07139 ALENCON                          | 4826N    | 00006E    | 144       |           | 1000.5       | 1018.2         | 6.9         |        | 8.7            |        | 22            | 118   |        |          | 64       | 125      |
| 07149 PARIS-ORLY                       | 4843N    | 00223E    | 90        |           | 1006.3       | 1017.4         | 7.0         |        | 8.9            |        | 20            | 103   |        | 5        | 58       |          |
| 07168 TROYES                           | 4820N    | 00401E    | 118       |           | 1003.8       | 1018.3         | 6.5         |        | 8.5            |        | 18            | 106   |        |          | 51       |          |
| 07181 NANCY-OCHEY                      | 4835N    | 00558E    | 351       |           | 976.1        | 1017.8         | 4.8         |        | 7.9            |        | 21            | 174   |        |          |          |          |
| 07190 STRASBOURG-ENTZHEIM              | 4833N    | 00738E    | 153       |           | 999.2        | 1017.8         | 5.7         | 3.9    | 7.5            |        | 15            | 75    | 36     | 5        | 29       | 69       |
| 07207 POINTE DU TALUT                  | 4718N    | 00310W    | 43        |           | 1015.3       | 1020.6         | 11.0        |        | 10.3           |        | 18            | 104   |        |          |          |          |
| 07222 NANTES                           | 4709N    | 00136W    | 27        |           | 1017.3       | 1020.4         | 8.8         | 2.9    | 10.2           |        | 20            | 157   | 73     | 5        | 72       | 104      |
| 07240 TOURS                            | 4727N    | 00044E    | 112       |           | 1006.1       | 1019.8         | 7.9         |        | 9.5            |        | 18            | 135   |        | 6        | 61       | 115      |
| 07255 BOURGES                          | 4704N    | 00222E    | 166       |           | 1000.2       | 1020.5         | 7.4         | 3.6    | 9.3            |        | 17            | 147   | 84     | 6        | 45       | 76       |
| 07280 DIJON                            | 4716N    | 00505E    | 227       |           | 992.5        | 1020.3         | 5.5         | 3.4    | 8.1            |        | 19            | 108   | 46     | 5        | 42       | 79       |
| 07299 BALE-MULHOUSE                    | 4736N    | 00731E    | 271       |           | 986.0        | 1019.4         | 5.3         |        | 7.6            |        | 20            | 111   |        | 5        | 44       | 70       |
| 07314 CHASSIRON                        | 4603N    | 00125W    | 22        |           | 1019.5       | 1022.3         | 11.4        |        | 11.2           |        | 17            | 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. |
| 07335 POITIERS                     | 4635N    | 00018E    | 120       |           | 1006.8       | 1021.5         | 8.0         |        | 9.9            |        | 18            | 161   |        | 6        | 65       | 95       |
| 07434 LIMOGES                      | 4552N    | 00111E    | 402       |           | 973.9        | 1022.6         | 6.6         |        | 9.1            |        | 23            | 193   |        |          | 57       | 65       |
| 07460 CLERMONT-FERRAND             | 4547N    | 00310E    | 330       |           | 982.3        | 1021.8         | 7.4         |        | 8.0            |        | 10            | 39    |        |          | 72       | 95       |
| 07471 LE PUY                       | 4505N    | 00346E    | 833       |           | 924.0        |                | 4.2         |        | 7.0            |        | 15            | 74    |        |          | 65       |          |
| 07481 LYON-SATOLAS                 | 4544N    | 00505E    | 248       |           | 992.8        | 1022.2         | 6.1         |        | 7.9            |        | 21            | 125   |        |          |          |          |
| 07510 BORDEAUX MERIGNAC            | 4450N    | 00041W    | 61        |           | 1017.2       | 1023.8         | 9.4         |        | 10.4           |        | 21            | 175   | 77     | 5        | 79       | 95       |
| 07535 GOURDON                      | 4445N    | 00124E    | 261       |           | 992.1        | 1024.0         | 7.2         |        | 9.4            |        | 18            | 102   |        |          | 56       | 60       |
| 07560 MONT AIGOUAL                 | 4407N    | 00335E    | 1567      |           | 843.8        |                | .1          |        | 5.6            |        | 16            | 81    |        |          |          |          |
| 07577 MONTELMAR                    | 4435N    | 00444E    | 74        |           | 1013.1       | 1022.3         | 6.9         |        | 8.1            |        | 5             | 27    |        | 1        | 104      | 100      |
| 07591 EMBRUN                       | 4434N    | 00630E    | 876       |           | 918.2        |                | 2.0         |        | 5.4            |        | 12            | 87    |        |          | 132      | 90       |
| 07607 MONT-DE-MARSAN               | 4355N    | 00030W    | 60        |           | 1017.9       | 1025.2         | 8.3         |        | 9.8            |        | 21            | 155   |        | 5        | 73       | 90       |
| 07621 TARBES-OSSUN                 | 4311N    | 00000W    | 364       |           | 981.7        | 1025.8         | 7.7         |        | 8.5            |        | 15            | 105   |        |          | 98       | 90       |
| 07627 SAINT GIRONS                 | 4300N    | 00106E    | 412       |           | 975.9        | 1025.6         | 6.8         |        | 7.5            |        | 16            | 91    |        |          | 96       | 90       |
| <b>07630 TOULOUSE BLAGNAC</b>      | 4338N    | 00122E    | 154       |           | 1006.5       | 1024.9         | 8.2         |        | 9.2            |        | 14            | 41    | -14    | 2        | 82       | 105      |
| 07643 MONTPELLIER                  | 4335N    | 00358E    | 8         |           | 1021.1       | 1022.1         | 9.5         |        | 8.3            |        | 1             | 4     |        | 1        | 165      | 120      |
| 07650 MARIGNANE                    | 4327N    | 00514E    | 32        |           | 1017.0       | 1020.9         | 9.1         |        | 8.5            |        | 1             | 8     | -47    | 1        | 187      | 130      |
| 07661 CAP CEPET                    | 4305N    | 00556E    | 136       |           | 1003.0       | 1019.2         | 10.9        |        | 8.6            |        | 1             | 7     |        |          |          |          |
| 07690 NICE                         | 4339N    | 00712E    | 27        |           | 1014.5       | 1017.9         | 10.7        |        | 7.3            |        | 4             | 33    | -44    | 1        | 193      | 125      |
| 07747 PERPIGNAN                    | 4244N    | 00252E    | 47        |           | 1017.7       | 1023.1         | 10.5        |        | 8.6            |        | 3             | 6     | -48    | 1        | 144      | 100      |
| 07761 AJACCIO                      | 4155N    | 00848E    | 9         |           | 1018.4       | 1019.5         | 10.9        |        | 9.3            |        | 8             | 85    | 10     | 2        | 123      | 95       |
| 07790 BASTIA                       | 4233N    | 00929E    | 12        |           | 1016.6       | 1018.1         | 11.0        |        | 8.5            |        | 4             | 27    |        | 1        | 185      | 130      |
| <b>SPAIN</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08001 LA CORUNA                    | 4322N    | 00825W    | 67        |           | 1018.7       | 1026.8         | 11.7        | .8     | 11.4           | .9     | 18            | 122   | -5     | 3        | 84       | 91       |
| 08015 OVIEDO                       | 4321N    | 00552W    | 339       |           | 986.1        | 1027.1         | 9.2         | .3     | 8.7            | .1     | 11            | 82    | -9     | 3        | 134      | 126      |
| 08023 SANTANDER                    | 4329N    | 00348W    | 59        |           | 1019.2       | 1026.4         | 11.9        | 1.4    | 10.2           | .7     | 14            | 120   | -21    | 3        | 89       | 109      |
| 08025 BILBAO/SONDICA               | 4318N    | 00254W    | 42        |           | 1021.7       | 1026.4         | 11.3        |        | 9.6            |        | 17            | 163   |        | 4        | 62       | 85       |
| <b>08027 SAN SEBASTIAN/IGUELDO</b> | 4318N    | 00202W    | 259       |           | 994.4        | 1025.7         | 10.2        | 1.6    | 9.7            | 1.1    | 20            | 182   | 18     | 4        | 77       | 94       |
| 08045 VIGO/PEINADOR                | 4214N    | 00838W    | 256       |           | 997.3        | 1028.4         | 9.9         | 1.2    | 10.6           | .8     | 14            | 186   | -83    | 2        | 115      | 122      |
| 08048 ORENSE                       | 4220N    | 00752W    | 147       |           | 1009.9       | 1028.0         | 8.6         |        | 9.6            |        | 8             | 43    |        | 2        | 71       | 95       |
| 08053 PONFERRADA                   | 4234N    | 00636W    | 550       |           | 962.8        | 1029.3         | 5.5         |        | 7.9            |        | 8             | 28    |        | 2        | 79       | 120      |
| 08055 LEON/VIRGEN DEL CAMINO       | 4235N    | 00539W    | 916       |           | 920.2        | 1028.1         | 4.6         |        | 7.0            |        | 4             | 12    |        | 1        | 163      | 130      |
| 08075 BURGOS/VILLAFRIA             | 4221N    | 00338W    | 890       |           | 922.4        | 1027.8         | 4.1         | .9     | 7.1            | .1     | 5             | 22    | -26    | 2        | 99       | 129      |
| 08084 LOGRONO/AGONCILLO            | 4227N    | 00220W    | 363       |           | 983.1        | 1027.1         | 7.7         | 1.4    | 7.5            | .0     | 3             | 16    | -14    | 1        | 120      | 122      |
| 08085 PAMPLONA/NOAIN               | 4246N    | 00138W    | 459       |           | 972.1        | 1026.8         | 7.1         |        | 8.0            |        | 10            | 73    |        | 3        | 82       | 90       |
| 08130 ZAMORA                       | 4131N    | 00544W    | 667       |           | 950.0        | 1030.1         | 5.4         |        | 7.6            |        | 2             | 4     |        | 1        |          |          |
| 08141 VALLADOLID                   | 4139N    | 00446W    | 735       |           | 940.6        | 1028.4         | 4.8         | .5     | 7.3            | .1     | 1             | 4     | -39    | 1        | 132      | 159      |
| 08148 SORIA                        | 4146N    | 00228W    | 1082      |           | 901.0        | 1027.4         | 4.2         |        | 6.1            |        | 2             | 7     |        | 1        |          |          |
| 08160 ZARAGOZA/AEROPUERTO          | 4140N    | 00100W    | 263       |           | 995.0        | 1026.5         | 8.5         | 2.0    | 7.9            | .3     | 2             | 10    | -11    | 2        | 154      | 126      |
| 08171 LERIDA                       | 4138N    | 00036E    | 199       |           | 1001.2       | 1025.6         | 7.1         |        | 8.1            |        | 0             | T     |        | 0        | 150      | 155      |
| 08175 REUS/AEROPUERTO              | 4109N    | 00110E    | 76        |           | 1014.0       | 1023.3         | 11.1        |        | 8.1            |        | 0             | T     |        | 1        | 168      | 110      |
| <b>08181 BARCELONA/AEROPUERTO</b>  | 4117N    | 00204E    | 6         |           | 1022.4       | 1023.0         | 11.1        | 1.4    | 7.8            | -.9    | 0             | T     | -49    | 1        | 86       | 61       |
| 08184 GERONA/COSTA BRAVA           | 4154N    | 00246E    | 143       |           | 1006.3       | 1022.0         | 9.5         | 1.8    | 8.4            | -.1    | 1             | 1     | -45    | 1        | 174      | 124      |
| <b>08202 SALAMANCA/MATACAN</b>     | 4057N    | 00530W    | 794       |           | 934.8        | 1029.3         | 5.1         | 1.0    | 7.4            | -.1    | 3             | 9     | -25    | 2        | 161      | 161      |
| <b>08215 NAVACERRADA</b>           | 4047N    | 00401W    | 1894      |           | 816.7        | 1026.9         | 1.7         |        | 5.2            |        | 8             | 50    |        | 1        | 123      | 125      |
| 08221 MADRID/BARAJAS               | 4030N    | 00335W    | 633       |           | 958.2        | 1028.2         | 6.1         | .2     | 6.8            | -.6    | 2             | 3     | -40    | 1        | 181      | 150      |

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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. |
| 08231 CUENCA                        | 4004N    | 00208W    | 946       |           |              | 1028.5         | 6.3         |        | 6.6            |        | 1             | 4     |        | 1        | 188      | 150      |
| 08235 TERUEL                        | 4021N    | 00107W    | 902       |           | 921.1        | 1027.5         | 4.9         |        | 6.2            |        | 0             | T     |        | 2        |          |          |
| 08238 TORTOSA                       | 4049N    | 00030E    | 50        |           | 1017.0       | 1023.1         | 12.1        | 1.6    | 8.7            | .1     | 1             | 2     | -40    | 1        | 193      | 125      |
| 08261 CACERES                       | 3928N    | 00620W    | 405       |           | 980.9        | 1029.9         | 8.0         | -.4    | 8.6            | -.1    | 2             | 7     | -63    | 1        | 167      | 125      |
| 08272 TOLEDO                        | 3953N    | 00403W    | 516       |           | 966.1        | 1028.4         | 7.0         |        | 7.5            |        | 3             | 12    |        | 2        | 178      | 140      |
| <b>08280 ALBACETE/LOS LLANOS</b>    | 3857N    | 00151W    | 704       |           | 944.0        | 1027.8         | 6.2         | .9     | 7.4            | -.1    | 2             | 2     | -28    | 1        | 164      | 120      |
| 08284 VALENCIA/AEROPUERTO           | 3930N    | 00028W    | 69        |           | 1017.2       | 1024.7         | 12.6        | 2.1    | 8.2            | -.8    | 1             | 7     | -34    | 2        | 133      | 83       |
| 08286 CASTELLON                     | 3957N    | 00004W    | 35        |           | 1019.1       | 1023.4         | 12.3        |        | 9.1            |        | 1             | 4     |        | 4        |          |          |
| 08301 PALMA DE MALLORCA             | 3933N    | 00237E    | 6         |           | 1022.7       | 1023.4         | 13.9        |        | 11.7           |        | 2             | 10    |        | 0        | 151      | 95       |
| 08306 PALMA DE MALLORCA/SON SAN JU  | 3933N    | 00244E    | 7         |           | 1023.3       | 1023.9         | 11.7        | 1.2    | 11.3           | .9     | 2             | 8     | -36    | 1        | 167      | 115      |
| 08314 MENORCA/MAHON                 | 3952N    | 00414E    | 89        |           | 1012.8       | 1023.2         | 13.0        | 1.2    | 11.3           | .2     | 7             | 15    | -59    | 1        | 139      | 104      |
| 08330 BADAJOZ/TALAVERA LA REAL      | 3853N    | 00650W    | 192       |           | 1005.1       | 1029.0         | 8.4         | -.6    | 8.4            | -1.5   | 1             | 14    | -48    | 1        | 152      | 113      |
| 08348 CIUDAD REAL                   | 3859N    | 00355W    | 629       |           | 954.0        | 1029.3         | 6.8         | .9     | 8.4            | .3     | 3             | 14    | -38    | 2        | 156      | 126      |
| 08359 ALICANTE                      | 3822N    | 00030W    | 82        |           | 1015.1       | 1025.0         | 13.2        | 1.1    | 10.2           | .7     | 1             | 10    | -23    | 2        | 203      | 121      |
| 08360 ALICANTE/EL ALTET             | 3817N    | 00033W    | 43        |           | 1021.4       | 1025.2         | 12.6        |        | 8.6            |        | 1             | 11    |        |          | 190      |          |
| 08373 IBIZA/ES CODOLA               | 3853N    | 00123E    | 17        |           | 1022.1       | 1024.0         | 13.2        | .5     | 11.3           | .2     | 1             | 6     | -49    | 1        | 176      | 114      |
| 08383 HUELVA                        | 3717N    | 00655W    | 20        |           | 1024.4       | 1026.9         | 11.8        |        |                |        |               |       |        |          |          |          |
| 08391 SEVILLA/SAN PABLO             | 3725N    | 00554W    | 34        |           | 1023.8       | 1027.6         | 11.7        |        | 9.4            |        | 1             | 5     |        | 1        | 218      | 130      |
| <b>08410 CORDOBA/AEROPUERTO</b>     | 3751N    | 00451W    | 92        |           | 1016.6       | 1027.9         | 10.0        | .3     | 8.9            | -1.0   | 2             | 8     | -76    | 1        | 191      | 122      |
| 08417 JAEN                          | 3747N    | 00348W    | 582       |           | 960.7        | 1029.8         | 9.6         |        | 7.4            |        | 2             | 10    |        | 5        |          |          |
| 08419 GRANADA/AEROPUERTO            | 3711N    | 00347W    | 570       |           | 959.7        | 1028.6         | 7.7         |        | 7.7            |        | 2             | 5     |        | 1        | 168      | 110      |
| 08430 MURCIA                        | 3800N    | 00110W    | 62        |           | 1018.6       | 1026.1         | 12.4        |        | 8.9            |        | 2             | 14    |        | 2        | 217      | 125      |
| 08433 MURCIA/SAN JAVIER             | 3747N    | 00048W    | 5         |           | 1025.1       | 1025.5         | 13.1        | 1.8    | 10.3           | -.2    | 2             | 10    | -27    | 2        | 211      | 145      |
| 08451 JEREZ DE LA FRONTERA AEROPUE  | 3645N    | 00604W    | 28        |           | 1023.9       | 1027.4         | 11.9        | .5     | 10.9           | -.6    | 3             | 11    | -95    | 1        | 149      | 90       |
| 08482 MALAGA/AEROPUERTO             | 3640N    | 00429W    | 16        |           |              |                | 13.6        | 1.0    | 9.5            | -1.1   | 0             | T     | -97    | 1        | 221      | 136      |
| 08487 ALMERIA/AEROPUERTO            | 3651N    | 00223W    | 21        |           | 1022.8       | 1025.4         | 13.4        | .1     | 10.5           | -.3    | 1             | 4     | -16    | 2        | 215      | 119      |
| <b>GIBRALTAR</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08495 GIBRALTAR                     | 3609N    | 00521W    | 5         |           | 1026.0       | 1026.6         | 14.6        |        |                |        | 2             | 6     |        | 0        | 197      | 135      |
| <b>PORTUGAL</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08501 FLORES (ACORES)               | 3927N    | 03108W    | 29        |           | 1024.9       | 1028.7         | 16.5        |        | 15.4           |        | 11            | 83    |        | 1        |          |          |
| 08509 LAJES (ACORES)                | 3846N    | 02706W    | 54        |           | 1024.2       | 1030.7         | 15.9        |        | 15.7           |        | 10            | 53    |        | 0        | 74       | 80       |
| 08512 PONTA DELGADA/NORDELA (ACORE) | 3744N    | 02542W    | 72        |           | 1022.2       | 1031.0         | 15.9        |        | 15.2           |        | 10            |       |        |          |          |          |
| 08515 SANTA MARIA (ACORES)          | 3658N    | 02510W    | 100       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>08535 LISBOA/GEOF</b>            | 3843N    | 00909W    | 95        |           | 1016.4       | 1028.0         | 12.2        | .4     | 11.8           | .6     | 4             | 27    | -81    | 1        | 187      | 132      |
| 08546 PORTO/SERRA DO PILAR          | 4108N    | 00836W    | 100       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08548 COIMBRA/CERNACHE              | 4009N    | 00828W    | 179       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08554 FARO/AEROPORTO                | 3701N    | 00758W    | 8         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08558 EVORA/C. COORD                | 3852N    | 00754W    | 246       |           | 998.6        | 1016.7         | 12.2        |        | 11.9           |        | 10            | 132   |        |          |          |          |
| 08570 CASTELO BRANCO                | 3950N    | 00729W    | 386       |           | 982.1        | 1029.1         | 8.7         |        | 8.6            |        | 6             | 166   |        |          | 194      |          |
| 08575 BRAGANCA                      | 4148N    | 00644W    | 692       |           | 931.0        | 1013.0         | 4.3         | -.7    | 7.6            | .0     |               | 26    | -72    | 2        | 37       | 36       |
| <b>GERMANY</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. |
| 10015 HELGOLAND                  | 5411N    | 00754E    | 8         |           | 1004.0       | 1004.9         | 6.5         |        | 7.9            |        | 25            | 125   |        | 5        | 26       | 60       |
| 10020 LIST/SYLT                  | 5501N    | 00825E    | 29        |           | 999.7        | 1002.9         | 5.6         |        | 8.1            |        | 23            | 109   |        | 5        | 37       | 85       |
| 10028 ST PETER-ORDING            | 5420N    | 00836E    | 11        |           | 1003.4       | 1004.8         | 5.2         |        | 7.9            |        | 22            | 141   |        | 5        | 29       | 125      |
| 10035 SCHLESWIG                  | 5432N    | 00933E    | 48        |           | 998.7        | 1004.6         | 4.1         | 2.4    | 7.6            | 1.1    | 24            | 136   | 48     | 5        | 30       | 77       |
| 10055 WESTERMARKELSDORF          | 5432N    | 01104E    | 9         |           | 1003.6       | 1004.6         | 4.8         |        | 7.7            |        | 18            | 77    |        |          | 32       | 80       |
| 10091 ARKONA                     | 5441N    | 01326E    | 42        |           | 999.3        | 1004.5         | 4.1         |        | 7.5            |        | 18            | 82    |        | 5        | 32       | 80       |
| 10113 NORDERNEY                  | 5343N    | 00709E    | 16        |           | 1004.1       | 1006.0         | 5.9         |        | 8.1            |        | 22            | 158   |        | 6        | 29       | 75       |
| 10129 BREMERHAVEN                | 5332N    | 00835E    | 11        |           | 1005.5       | 1006.8         | 5.0         |        | 8.0            |        | 25            | 202   |        | 6        | 20       | 60       |
| 10131 CUXHAVEN                   | 5352N    | 00842E    | 12        |           | 1004.4       | 1005.9         | 5.1         |        | 7.8            |        | 25            | 198   |        | 6        | 21       | 50       |
| 10142 ITZEHOE                    | 5359N    | 00934E    | 26        |           | 1002.6       | 1005.8         | 4.4         |        | 7.8            |        | 27            | 199   |        |          | 23       | 65       |
| <b>10147 HAMBURG-FUHLBUETTEL</b> | 5338N    | 00959E    | 16        |           | 1004.8       | 1006.6         | 4.9         | 3.0    | 7.9            | 1.4    | 24            | 162   | 90     | 5        | 23       | 66       |
| 10162 SCHWERIN                   | 5339N    | 01123E    | 68        |           | 998.3        | 1006.6         | 4.1         |        | 7.5            |        | 20            | 103   |        | 5        | 19       | 50       |
| 10170 ROSTOCK-WARNEMUENDE        | 5411N    | 01205E    | 10        |           | 1004.0       | 1005.6         | 4.7         | 2.8    | 7.6            | 1.2    | 20            | 79    | 31     | 5        | 23       | 64       |
| 10184 GREIFSWALD                 | 5406N    | 01324E    | 6         |           | 1005.2       | 1006.0         | 4.3         |        | 7.4            |        | 16            | 67    |        |          | 23       | 55       |
| 10200 EMDEN-FLUGPLATZ            | 5323N    | 00714E    | 5         |           | 1006.8       | 1007.0         | 5.5         |        | 8.1            |        | 26            | 166   |        |          | 26       | 75       |
| 10224 BREMEN                     | 5303N    | 00848E    | 5         |           | 1007.2       | 1007.8         | 5.1         |        | 7.9            |        | 21            | 131   |        | 6        | 27       | 75       |
| 10264 MARNITZ                    | 5319N    | 01156E    | 87        |           | 996.4        | 1007.1         | 4.1         |        | 7.5            |        | 21            | 99    |        |          | 14       | 35       |
| 10270 NEURUPPIN                  | 5254N    | 01249E    | 45        |           | 1003.4       | 1008.9         | 4.4         |        | 7.5            |        | 14            | 71    |        | 5        | 26       | 90       |
| 10291 ANGERMUENDE                | 5302N    | 01400E    | 55        |           | 1001.5       | 1008.4         | 4.2         |        | 7.3            |        | 10            | 71    |        | 5        | 20       | 55       |
| 10315 MUENSTER/OSNABRUECK        | 5208N    | 00742E    | 53        |           | 1003.6       | 1010.0         | 5.6         |        | 8.0            |        | 21            | 105   |        |          | 32       | 80       |
| 10338 HANNOVER                   | 5228N    | 00941E    | 59        |           | 1001.8       | 1009.1         | 5.4         | 3.5    | 7.7            | 1.2    | 21            | 91    | 31     | 5        | 27       | 79       |
| 10361 MAGDEBURG                  | 5206N    | 01135E    | 85        |           | 999.6        | 1010.0         | 5.0         |        | 7.2            |        | 11            | 48    |        | 4        | 37       | 90       |
| 10379 POTSDAM                    | 5223N    | 01304E    | 100       |           | 997.0        | 1009.2         | 4.3         | 3.6    | 7.3            | 1.3    | 15            | 71    | 16     | 5        | 28       | 72       |
| 10382 BERLIN-TEGEL               | 5234N    | 01319E    | 37        |           | 1004.7       | 1009.3         | 4.9         |        | 7.2            |        | 14            | 64    |        |          | 18       | 50       |
| 10384 BERLIN-TEMPELHOF           | 5228N    | 01324E    | 50        |           | 1003.3       | 1009.3         | 5.0         |        | 7.4            |        | 16            | 78    |        | 5        | 21       | 55       |
| <b>10393 LINDENBERG</b>          | 5213N    | 01407E    | 112       |           | 997.1        | 1009.9         | 4.1         | 3.7    | 7.2            | 1.3    | 14            | 63    | 13     | 4        | 29       | 78       |
| 10400 DUESSELDORF                | 5118N    | 00646E    | 45        |           | 1006.8       | 1011.8         | 5.8         |        | 8.0            |        | 23            | 114   |        |          | 32       | 75       |
| 10427 KAHLER ASTEN               | 5111N    | 00829E    | 859       |           | 910.2        | 1403 Y         | .0          |        | 6.2            |        | 29            | 254   |        | 5        | 4        | 10       |
| 10430 BAD LIPPSPRINGE            | 5147N    | 00850E    | 158       |           | 991.6        | 1010.9         | 4.9         |        | 7.6            |        | 28            | 158   |        | 5        | 16       | 40       |
| 10453 BROCKEN                    | 5148N    | 01037E    | 1153      |           | 874.7        | 1379 Y         | -2.3        |        | 5.2            |        | 31            | 362   |        | 5        | 7        | 10       |
| 10469 LEIPZIG-SCHKEUDITZ         | 5126N    | 01214E    | 141       |           | 994.9        | 1011.5         | 4.6         |        | 7.1            |        | 12            | 37    |        |          | 38       | 100      |
| 10488 DRESDEN-KLOTZSCHE          | 5108N    | 01345E    | 232       |           | 983.9        | 1012.3         | 4.1         |        | 6.7            |        | 10            | 51    |        |          | 42       | 90       |
| 10496 COTTBUS                    | 5146N    | 01419E    | 70        |           | 1002.3       | 1010.9         | 4.6         |        | 7.1            |        | 17            | 57    |        | 4        | 31       | 70       |
| 10499 GOERLITZ                   | 5110N    | 01457E    | 240       |           | 982.8        | 1012.1         | 3.5         | 3.3    | 6.6            | 1.0    | 13            | 60    | 3      | 4        | 45       | 100      |
| 10506 NUERBURG-BARWEILER         | 5022N    | 00652E    | 488       |           | 955.1        | 1014.1         | 3.1         |        | 6.9            |        | 23            | 119   |        |          | 28       | 85       |
| 10513 KOELN/BONN                 | 5052N    | 00710E    | 100       |           | 1001.2       | 1013.4         | 5.6         |        | 7.7            |        | 22            | 101   |        | 5        | 23       | 50       |
| 10532 GIESSEN                    | 5035N    | 00842E    | 195       |           | 988.4        | 1013.4         | 4.1         |        | 7.4            |        | 19            | 96    |        | 5        | 26       | 70       |
| 10544 WASSERKUPPE                | 5030N    | 00957E    | 925       |           | 904.1        | 1416 Y         | -4          |        | 6.0            |        | 25            | 181   |        | 5        | 2        | 0        |
| 10548 MEININGEN                  | 5034N    | 01023E    | 453       |           | 959.2        | 1014.1         | 2.4         |        | 6.6            |        | 17            | 108   |        |          | 14       | 45       |
| 10554 ERFURT-BINDERSLEBEN        | 5059N    | 01058E    | 322       |           | 973.1        | 1012.3         | 3.6         |        | 6.8            |        | 10            | 37    |        | 4        | 34       | 80       |
| 10567 GERA-LEUMNITZ              | 5053N    | 01208E    | 312       |           | 974.8        | 1012.8         | 3.5         |        | 6.7            |        | 11            | 42    |        | 3        | 38       | 75       |
| 10578 FICHTELBERG                | 5026N    | 01257E    | 1215      |           | 871.4        | 1412 Y         | -2.4        | 1.5    | 5.1            | .8     | 24            | 185   | 83     | 5        | 30       | 53       |
| 10609 TRIER-PETRISBERG           | 4945N    | 00640E    | 273       |           | 982.1        | 1015.5         | 4.8         | 3.0    | 7.7            | 1.3    | 23            | 145   | 73     | 5        | 23       | 57       |
| 10637 FRANKFURT/M-FLUGHAFEN      | 5003N    | 00836E    | 113       |           | 1001.0       | 1015.0         | 5.1         |        | 7.5            |        | 19            | 107   |        | 5        | 28       | 70       |
| 10655 WUERZBURG                  | 4946N    | 00958E    | 272       |           | 982.0        | 1015.3         | 4.3         |        | 7.4            |        | 16            | 110   |        | 5        | 32       | 80       |
| 10675 BAMBERG                    | 4953N    | 01055E    | 243       |           | 986.0        | 1015.5         | 4.0         |        | 7.0            |        | 18            | 98    |        | 5        | 20       | 50       |

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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. |
| 10685 HOF                      | 5019N    | 01153E    | 568       |           | 945.7        | 1014.1         | 1.7         |        | 6.4            |        | 20            | 118   |        | 5        | 25       | 65       |
| 10688 WEIDEN                   | 4940N    | 01211E    | 439       |           | 963.0        | 1016.1         | 2.4         |        | 6.8            |        | 21            | 115   |        | 6        | 11       | 25       |
| 10708 SAARBRUECKEN/ENSHEIM     | 4913N    | 00707E    | 322       |           | 977.6        | 1016.7         | 4.4         |        | 7.6            |        | 24            | 174   |        | 5        | 24       | 55       |
| 10729 MANNHEIM                 | 4931N    | 00833E    | 100       |           | 1004.5       | 1016.9         | 5.4         |        | 7.7            |        | 16            | 113   |        | 6        | 33       | 70       |
| 10738 STUTTGART-ECHTERDINGEN   | 4841N    | 00914E    | 396       |           | 969.9        | 1017.4         | 4.3         |        | 6.8            |        | 13            | 103   |        | 5        | 32       | 50       |
| 10742 OEHRINGEN                | 4913N    | 00931E    | 277       |           | 983.1        | 1016.6         | 4.9         |        | 7.3            |        | 17            | 142   |        | 5        | 23       | 45       |
| 10763 NUERNBERG                | 4930N    | 01103E    | 319       |           | 977.2        | 1016.0         | 3.8         | 3.2    | 6.9            | 1.2    | 13            | 87    | 35     | 5        | 19       | 44       |
| 10776 REGENSBURG               | 4903N    | 01206E    | 371       |           | 971.9        | 1017.0         | 2.8         |        | 6.8            |        | 15            | 80    |        | 5        | 17       | 45       |
| 10788 STRAUBING                | 4850N    | 01234E    | 360       |           | 973.5        | 1017.4         | 2.8         |        | 6.9            |        | 17            | 73    |        |          | 17       | 45       |
| 10791 GROSSER ARBER            | 4907N    | 01308E    | 1446      |           | 849.1        | 1437 Y         | -3.0        |        | 4.8            |        | 21            | 229   |        |          | 34       | 45       |
| 10805 LAHR                     | 4822N    | 00750E    | 157       |           | 998.9        | 1018.2         | 6.1         |        | 7.8            |        | 15            | 96    |        | 5        | 29       | 70       |
| 10836 STOETTEN                 | 4840N    | 00952E    | 737       |           | 929.2        | 1017.4         | 1.8         |        | 6.5            |        | 22            | 141   |        | 5        | 26       | 50       |
| 10852 AUGSBURG                 | 4826N    | 01056E    | 477       |           | 960.2        | 1017.9         | 3.5         |        | 7.0            |        | 16            | 78    |        | 4        | 32       | 65       |
| 10870 MUENCHEN, FLUGHAFEN      | 4822N    | 01149E    | 453       |           | 963.8        | 1018.0         | 3.4         | 4.3    | 6.8            | 1.7    | 15            | 78    | 29     | 4        | 40       | 91       |
| 10895 FUERSTENZELL             | 4833N    | 01321E    | 480       |           | 959.8        | 1017.9         | 1.9         |        | 6.5            |        | 18            | 88    |        |          | 19       | 35       |
| 10908 FELDBERG/SCHWARZWALD     | 4753N    | 00800E    | 1493      |           | 846.4        | 1462 Y         | -1.9        |        | 5.2            |        | 26            | 427   |        | 6        | 29       | 30       |
| 10929 KONSTANZ                 | 4741N    | 00911E    | 447       |           | 965.5        | 1019.4         | 4.0         | 3.0    | 7.2            | 1.4    | 18            | 159   | 102    | 6        | 42       | 114      |
| 10946 KEMPTEN                  | 4743N    | 01020E    | 705       |           | 934.6        | 1019.1         | 2.3         |        | 6.3            |        | 22            | 192   |        | 5        | 49       | 65       |
| 10948 OBERSTDORF               | 4724N    | 01017E    | 812       |           | 923.6        | 1468 Y         | .4          |        | 5.9            |        | 21            | 291   |        | 5        | 42       | 60       |
| 10961 ZUGSPITZE                | 4725N    | 01059E    | 2962      |           | 703.1        | 2995 Z         | -9.5        | .2     | 2.5            | .3     | 23            | 363   | 179    | 5        | 74       | 64       |
| <b>10962 HOHENPEISSENBERG</b>  | 4748N    | 01101E    | 986       |           | 902.0        | 1461 Y         | 1.4         | 1.9    | 5.7            | 1.0    | 16            | 127   | 61     | 5        | 66       | 79       |
| 10980 WENDELSTEIN              | 4742N    | 01201E    | 1835      |           | 811.3        | 1464 Y         | -3.0        |        | 3.9            |        | 20            | 176   |        | 4        | 47       | 45       |
| <b>AUSTRIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 11035 WIEN/HOHE WARTE          | 4815N    | 01622E    | 200       |           | 991.1        | 1016.7         | 3.8         |        | 6.6            | 1.1    | 7             | 18    | -25    | 2        | 45       | 87       |
| 11120 INNSBRUCK-FLUGHAFEN      | 4716N    | 01121E    | 584       |           | 948.0        | 1020.2         | .2          |        | 5.6            |        | 13            | 110   |        | 5        | 66       | 80       |
| <b>11146 SONNBLICK</b>         | 4703N    | 01257E    | 3111      |           | 688.5        | 2986 Z         | -10.5       |        | 2.0            | -.1    | 19            | 197   | -65    | 5        | 88       | 81       |
| 11150 SALZBURG-FLUGHAFEN       | 4748N    | 01300E    | 450       |           | 963.8        | 1018.6         | 2.6         |        | 5.6            | .5     | 20            | 144   | 73     | 5        | 56       | 89       |
| 11155 FEUERKOGEL               | 4749N    | 01343E    | 1621      |           | 833.0        | 1460 Y         | -2.0        |        | 3.9            |        | 19            | 210   |        | 5        | 61       | 60       |
| 11212 VILLACHERALPE            | 4636N    | 01340E    | 2160      |           | 780.0        | 1478 Y         | -5.0        |        | 3.5            |        | 8             | 72    |        | 3        | 102      | 70       |
| 11231 KLAGENFURT-FLUGHAFEN     | 4639N    | 01420E    | 476       |           | 961.4        | 1020.1         | -1.0        |        | 5.5            | .9     | 4             | 32    | -16    | 2        | 68       | 128      |
| 11240 GRAZ-THALERHOF-FLUGHAFEN | 4700N    | 01526E    | 347       |           | 973.6        | 1018.5         | .1          |        | 5.6            | .5     | 3             | 16    | -17    | 1        | 79       | 134      |
| <b>SLOVAKIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 11826 PIESTANY                 | 4837N    | 01750E    | 164       |           | 997.1        | 1017.5         | 2.0         |        | 6.1            |        | 9             | 33    |        | 2        | 30       | 65       |
| 11858 HURBANOV                 | 4752N    | 01812E    | 124       |           | 1002.5       | 1017.9         | 2.8         | 2.4    | 6.4            | .9     | 8             | 31    | -8     | 2        | 49       | 96       |
| 11903 SLIAC                    | 4839N    | 01909E    | 315       |           | 979.0        | 1017.5         | .0          | 1.9    | 5.7            | .8     | 8             | 63    | 7      | 3        | 24       | 62       |
| <b>11934 POPRAD/TATRY</b>      | 4904N    | 02015E    | 696       |           | 932.6        |                | -.3         | 3.0    | 5.0            | .8     | 7             | 22    | -6     | 2        | 60       | 88       |
| <b>POLAND</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>12120 LEBA</b>              | 5445N    | 01732E    | 6         |           | 1004.7       | 1005.4         | 3.4         |        | 7.1            |        | 14            | 67    |        | 4        | 45       |          |
| 12160 ELBLAG                   | 5410N    | 01926E    | 43        |           | 1002.3       | 1007.6         | 2.9         |        | 6.7            |        | 10            | 35    |        | 2        | 44       | 155      |
| 12205 SZCZECIN                 | 5324N    | 01437E    | 7         |           | 1006.7       | 1007.5         | 4.4         | 3.6    | 7.6            | 1.6    | 16            | 78    | 37     | 5        | 24       | 90       |
| 12295 BIALYSTOK                | 5306N    | 02310E    | 151       |           | 992.0        | 1010.7         | 1.6         | 3.7    | 6.4            | 1.4    | 9             | 31    | -9     | 2        | 19       | 80       |

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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. |
| 12330 POZNAN                   | 5225N    | 01651E    | 84        |           | 999.3        | 1010.2         | 3.5         | 3.6    | 6.9            | 1.3    | 12            | 53    | 15     | 5        | 35       | 109      |
| 12375 WARSZAWA-OKECIE          | 5210N    | 02058E    | 106       |           | 998.4        | 1011.6         | 2.6         | 3.5    | 6.6            | 1.2    | 10            | 32    | 0      | 3        | 37       | 180      |
| 12424 WROCLAW II               | 5106N    | 01653E    | 124       |           | 997.2        | 1012.7         | 3.7         | 3.5    | 6.7            | 1.0    | 8             | 32    | -2     | 3        | 54       | 138      |
| 12497 WLODAWA                  | 5133N    | 02332E    | 179       |           | 990.9        | 1013.2         | 1.9         |        | 6.3            |        | 8             | 30    |        | 3        | 33       | 100      |
| 12566 KRAKOW                   | 5005N    | 01948E    | 237       |           | 985.0        | 1015.0         | 1.6         | 2.6    | 6.2            | 1.0    | 9             | 38    | -3     | 3        |          |          |
| <b>HUNGARY</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 12843 BUDAPEST/PESTSZENTLORINC | 4726N    | 01911E    | 139       |           | 1000.8       | 1018.3         | 2.6         | 2.2    | 6.3            | .7     | 8             | 61    | 21     | 5        | 55       | 117      |
| 12882 DEBRECEN                 | 4729N    | 02136E    | 109       |           | 1005.0       | 1018.6         | 2.3         | 2.5    | 6.7            | 1.1    | 9             | 68    | 24     | 5        | 37       | 82       |
| 12942 PECS/POGANY              | 4600N    | 01814E    | 203       |           | 994.3        | 1019.4         | 2.9         | 2.3    | 6.6            | 1.0    | 7             | 66    | 22     | 4        | 57       | 97       |
| 12982 SZEGED                   | 4615N    | 02006E    | 83        |           | 1008.7       | 1019.0         | 2.9         | 2.3    | 6.6            | .8     | 6             | 46    | 6      | 4        | 54       | 106      |
| <b>SERBIA AND MONTENEGRO</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 13274 BEOGRAD                  | 4448N    | 02028E    | 132       |           | 1003.3       | 1019.6         | 5.4         | 3.1    | 6.9            | 1.0    | 7             | 48    | -9     | 3        | 69       | 110      |
| 13388 NIS                      | 4320N    | 02154E    | 202       |           | 996.1        | 1020.6         | 3.7         |        | 6.7            |        | 8             | 39    |        | 2        | 36       | 65       |
| 13463 PODGORICA-GRAD           | 4226N    | 01917E    | 50        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MACEDONIA</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 13577 LAZAROPOLE               | 4132N    | 02042E    | 1332      |           | 866.8        |                | .4          | .9     | 5.1            |        | 15            | 135   | 5      | 3        | 83       | 89       |
| 13588 SKOPJE-ZAJCEV RID        | 4201N    | 02124E    | 302       |           | 989.7        |                | 4.9         |        | 6.7            |        | 1             | 2     |        | 0        | 131      |          |
| <b>SLOVENIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14008 KREDARICA                | 4623N    | 01351E    | 2515      |           | 743.9        | 2989 Z         | -6.3        |        | 3.1            |        | 11            | 120   |        | 3        | 76       | 70       |
| 14015 LJUBLJANA/BEZIGRAD       | 4604N    | 01431E    | 299       |           | 982.5        | 1019.0         | 3.3         |        | 7.1            |        | 9             | 101   |        | 3        | 37       | 100      |
| <b>CROATIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14236 ZAGREB/GRIC              | 4549N    | 01559E    | 162       |           | 998.4        | 1018.4         | 4.7         |        | 6.9            |        | 7             | 70    |        | 4        | 57       | 120      |
| 14445 SPLIT/MARJAN             | 4331N    | 01626E    | 128       |           | 1002.0       | 1017.5         | 10.6        |        | 7.7            |        | 9             | 49    |        | 2        | 126      | 100      |
| <b>BOSNIA AND HERZEGOVINA</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14648 MOSTAR                   | 4321N    | 01748E    | 108       |           | 1006.7       | 1018.9         | 7.7         |        | 7.8            |        | 15            | 170   |        | 3        | 117      | 100      |
| 14652 BJELASNICA               | 4343N    | 01816E    | 2070      |           | 786.3        |                | -4.8        |        | 4.0            |        | 17            | 139   |        | 5        | 87       | 95       |
| 14654 SARAJEVO-BJELAVE         | 4352N    | 01826E    | 638       |           | 944.1        | 1020.2         | 2.1         | 1.8    | 5.9            | .6     | 12            | 94    | 10     | 4        | 73       | 183      |
| <b>ROMANIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 15023 SUCEAVA                  | 4738N    | 02615E    | 352       |           | 972.3        | 1015.8         | 1.5         |        | 6.2            |        | 4             | 15    |        | 2        | 96       | 145      |
| 15085 BISTRITA                 | 4709N    | 02431E    | 367       |           | 973.4        | 1018.8         | 1.2         | 3.0    | 6.2            | 1.2    | 11            | 49    | -1     | 3        | 44       | 92       |
| 15090 IASI                     | 4710N    | 02738E    | 104       |           | 1008.6       | 1021.7         | 2.6         | 3.2    | 6.4            | 1.0    | 2             | 9     | -22    | 1        | 65       | 114      |
| 15120 CLUJ-NAPOCA              | 4647N    | 02334E    | 414       |           | 968.4        | 1019.4         | .8          | 2.3    | 6.1            | 1.1    | 6             | 26    | -6     | 2        | 49       | 91       |
| 15247 TIMISOARA                | 4546N    | 02115E    | 88        |           | 1008.0       | 1018.7         | 3.5         | 2.7    | 6.9            | 1.0    | 7             | 37    | -13    | 2        | 40       | 71       |
| 15260 SIBIU                    | 4548N    | 02409E    | 444       |           | 965.0        | 1005.4         | .6          | 1.7    | 5.7            | .5     | 5             | 17    | -13    | 2        | 70       | 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. |
| <b>15280 VARFU OMU</b>       | 4527N    | 02527E    | 2509      |           | 744.9        |                | -7.6        | 1.1    | 2.9            | .1     | 11            | 56    | -19    | 2        | 117      | 117      |
| 15292 CARANSEBES             | 4525N    | 02215E    | 242       |           | 989.9        | 1019.4         | 3.1         |        | 7.2            |        | 10            | 65    |        | 4        | 52       | 90       |
| 15310 GALATI                 | 4529N    | 02802E    | 71        |           | 1010.1       | 1018.9         | 3.0         | 2.8    | 6.8            | 1.1    | 4             | 16    | -19    | 2        | 52       | 81       |
| 15350 BUZAU                  | 4509N    | 02649E    | 97        |           | 1006.8       | 1019.2         | 3.1         |        | 6.6            |        | 3             | 23    |        | 3        | 81       | 105      |
| <b>15360 SULINA</b>          | 4510N    | 02944E    | 9         |           | 1016.7       | 1018.1         | 5.1         | 2.1    | 7.9            | 1.0    | 5             | 17    | -9     | 3        | 55       | 92       |
| 15420 BUCURESTI BANEASA      | 4430N    | 02608E    | 91        |           | 1007.7       | 1019.1         | 2.6         | 2.4    | 6.6            | .9     | 6             | 46    | 3      | 4        | 65       | 105      |
| 15450 CRAIOVA                | 4419N    | 02352E    | 195       |           | 995.3        | 1019.7         | 2.2         | 2.1    | 6.3            | .5     | 6             | 30    | -17    | 2        | 77       | 108      |
| 15480 CONSTANTA              | 4413N    | 02839E    | 14        |           | 1017.4       | 1019.0         | 5.1         | 1.9    | 7.8            | .9     | 7             | 53    | 15     | 5        | 67       | 84       |
| <b>BULGARIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 15502 VIDIN                  | 4359N    | 02251E    | 595       |           |              | 1019.7         | 2.8         |        | 6.4            |        | 7             | 22    |        | 2        | 103      | 150      |
| 15552 VARNA                  | 4312N    | 02757E    | 43        |           | 1014.1       | 1018.6         | 5.7         | 1.2    | 7.5            | .5     | 5             | 51    | 9      | 4        |          |          |
| 15614 SOFIA (OBSERV.)        | 4239N    | 02323E    | 595       |           | 948.9        | 1021.2         | 1.3         | .7     | 5.5            | .2     | 7             | 38    | -6     | 2        | 64       | 100      |
| 15730 KURDJALI               | 4139N    | 02523E    | 331       |           | 979.6        | 1019.6         | 4.3         |        | 7.1            |        | 9             | 70    |        | 3        | 98       | 115      |
| <b>ITALY</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16008 S. VALENTINO ALLA MUTA | 4645N    | 01032E    | 1461      |           | 851.7        | 1477 Y         | -1.4        |        | 4.3            |        | 5             | 15    | -16    | 1        |          |          |
| 16022 PAGANELLA              | 4609N    | 01102E    | 2129      |           | 782.1        | 1467 Y         | -3.3        |        | 3.6            |        | 1             | 4     | -23    | 1        | 117      |          |
| 16033 DOBBIACO               | 4644N    | 01213E    | 1226      |           | 877.4        | 1476 Y         | -1.9        |        | 4.5            |        | 7             | 107   | 76     | 6        |          |          |
| 16052 PIAN ROSA              | 4554N    | 00742E    | 3488      |           | 658.8        | 3019 Z         | -10.5       |        | 2.0            |        | 7             | 17    |        | 6        | 97       | 81       |
| 16061 BRIC DELLA CROCE       | 4502N    | 00743E    | 710       |           | 934.0        |                | 5.5         |        | 6.2            |        | 0             | T     | -29    | 1        | 144      | 108      |
| 16088 BRESCIA/GHEDI          | 4525N    | 01017E    | 97        |           | 1006.7       | 1019.0         | 3.3         |        | 7.3            |        | 5             | 23    | -30    | 1        |          |          |
| <b>16110 TRIESTE</b>         | 4539N    | 01345E    | 4         |           | 1017.1       | 1018.0         | 8.7         |        | 8.5            |        | 10            | 82    | -9     | 3        | 84       | 101      |
| <b>16134 MONTE CIMONE</b>    | 4411N    | 01042E    | 2173      |           | 779.2        | 1476 Y         | -1.5        |        | 4.4            |        | 9             | 44    | -9     | 4        | 98       | 91       |
| 16148 CERVIA                 | 4413N    | 01218E    | 10        |           | 1017.0       | 1018.0         | 5.4         |        | 7.6            |        | 6             | 32    | -23    | 2        | 122      |          |
| 16153 CAPO MELE              | 4357N    | 00811E    | 221       |           | 991.0        | 1017.0         | 11.0        |        | 8.1            |        | 2             | 60    | -5     | 4        | 160      | 126      |
| 16158 PISA/S. GIUSTO         | 4341N    | 01023E    | 6         |           | 1017.5       | 1018.0         | 9.0         |        | 9.3            |        | 10            | 94    | 9      | 4        | 120      | 129      |
| 16179 FRONTONE               | 4331N    | 01244E    | 574       |           | 949.2        |                | 7.2         |        | 7.4            |        | 13            | 82    | -24    | 2        |          |          |
| 16206 GROSSETO               | 4244N    | 01103E    | 7         |           | 1017.4       | 1018.0         | 8.1         |        | 8.9            |        | 4             | 61    | -3     | 3        |          |          |
| 16224 VIGNA DI VALLE         | 4205N    | 01213E    | 266       |           | 985.9        | 1018.0         | 9.7         |        | 9.3            |        | 11            | 64    | -53    | 1        | 121      | 109      |
| <b>16232 TERMOLI</b>         | 4200N    | 01500E    | 44        |           | 1011.9       | 1017.0         | 11.9        |        | 9.0            |        | 6             | 22    | -19    | 2        | 136      | 150      |
| 16245 PRATICA DI MARE        | 4139N    | 01227E    | 21        |           | 1015.6       | 1018.0         | 11.2        |        | 10.3           |        | 12            | 74    | -33    | 2        |          |          |
| 16252 CAMPOBASSO             | 4134N    | 01439E    | 807       |           | 923.7        |                | 6.4         |        | 7.3            |        | 11            | 42    | -26    | 2        | 134      | 124      |
| 16253 GRAZZANISE             | 4103N    | 01404E    | 10        |           | 1017.5       | 1019.0         | 10.0        |        | 9.6            |        | 11            | 111   | 8      | 4        | 149      | 140      |
| 16258 MONTE S. ANGELO        | 4142N    | 01557E    | 848       |           | 917.5        |                | 5.1         |        | 6.9            |        | 6             | 29    | -37    | 2        |          |          |
| 16280 PONZA                  | 4055N    | 01257E    | 185       |           | 995.9        | 1018.0         | 12.7        |        | 12.0           |        | 7             | 47    | -41    | 1        | 157      |          |
| 16310 CAPO PALINURO          | 4001N    | 01516E    | 185       |           | 995.5        | 1018.0         | 11.6        |        | 10.0           |        | 12            | 77    | -29    | 3        | 135      | 115      |
| 16325 MARINA DI GINOSA       | 4026N    | 01653E    | 12        |           | 1016.0       | 1017.0         | 10.4        |        | 10.1           |        | 3             | 18    | -40    | 1        |          |          |
| 16344 MONTE SCURO            | 3920N    | 01624E    | 1677      |           | 830.5        | 1490 Y         | 1.2         |        | 6.4            |        | 14            | 241   | 133    | 5        | 50       |          |
| 16360 S. MARIA DI LEUCA      | 3949N    | 01821E    | 112       |           | 1004.4       | 1018.0         | 12.1        |        | 10.6           |        | 5             | 50    | -36    | 2        | 162      |          |
| 16400 USTICA                 | 3842N    | 01311E    | 243       |           | 991.2        | 1020.0         |             |        | 11.0           |        | 11            | 60    | -8     | 3        | 147      | 119      |
| 16420 MESSINA                | 3812N    | 01533E    | 54        |           | 1012.5       | 1019.0         | 14.3        |        | 11.3           |        | 14            | 130   | 13     | 4        | 147      | 132      |
| 16429 TRAPANI BIRGI          | 3755N    | 01230E    | 9         |           | 1019.2       | 1020.0         | 13.1        |        | 11.9           |        | 11            | 54    | -11    | 3        | 158      | 124      |
| 16450 ENNA                   | 3734N    | 01417E    | 1001      |           | 909.1        |                | 7.7         |        | 10.2           |        | 9             | 42    |        | 3        |          |          |
| 16459 CATANIA SIGONELLA      | 3724N    | 01455E    | 29        |           | 1016.1       | 1020.0         | 11.6        |        | 11.0           |        | 4             | 34    | -34    | 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. |
| 16480 COZZO SPADARO          | 3641N    | 01508E    | 51        |           | 1012.5       | 1019.0         | 13.7        |        | 12.5           |        | 8             | 129   | 58     | 5        | 168      |          |
| 16522 CAPO CACCIA            | 4034N    | 00810E    | 204       |           | 995.6        | 1020.0         | 13.8        |        | 13.1           |        | 10            | 80    |        | 2        | 143      | 125      |
| 16546 DECIMOMANNU            | 3921N    | 00858E    | 24        |           | 1017.8       | 1021.0         | 11.7        |        | 11.2           |        | 9             | 49    | -12    | 3        |          |          |
| 16550 CAPO BELLAVISTA        | 3955N    | 00942E    | 150       |           | 1000.4       | 1018.0         | 13.2        |        | 9.9            |        | 2             | 7     | -65    | 1        | 166      |          |
| <b>MALTA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16597 LUQA                   | 3551N    | 01429E    | 91        |           | 1012.1       | 1020.8         | 14.1        | .3     | 11.9           | -5     | 12            | 73    | -39    | 3        | 184      | 115      |
| <b>GREECE</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16622 THESSALONIKI (AIRPORT) | 4031N    | 02258E    | 8         |           | 1019.4       | 1020.5         | 6.7         | .0     | 8.0            | .1     | 5             | 43    | -9     | 2        | 121      | 119      |
| 16641 KERKYRA (AIRPORT)      | 3937N    | 01955E    | 4         |           | 1017.5       | 1018.1         | 10.9        | -.2    | 10.4           | .1     | 16            | 216   | 36     | 3        | 100      | 91       |
| 16648 LARISSA (AIRPORT)      | 3938N    | 02225E    | 74        |           | 1010.7       | 1019.8         | 6.8         | .5     | 7.5            | -.5    | 5             | 34    | -18    | 2        | 116      | 115      |
| 16716 ATHINAI (AIRPORT)      | 3754N    | 02344E    | 28        |           | 1017.3       | 1019.2         | 11.8        | -.2    | 9.4            | -.7    | 6             | 63    | -3     | 4        | 122      | 97       |
| 16723 SAMOS (AIRPORT)        | 3742N    | 02655E    | 7         |           | 1018.0       | 1019.5         | 12.2        | .1     | 10.5           | -.3    | 10            | 174   | 11     | 6        |          |          |
| 16726 KALAMATA (AIRPORT)     | 3704N    | 02201E    | 8         |           | 1017.8       | 1019.1         | 11.3        | -.3    | 11.1           | .7     | 13            | 176   | 23     | 4        | 131      | 100      |
| 16734 METHONI                | 3650N    | 02142E    | 34        |           | 1012.8       | 1018.8         | 13.2        | .2     | 19.9           | 8.4    | 12            | 128   | -13    | 3        | 155      | 115      |
| 16746 SOUDA (AIRPORT)        | 3529N    | 02407E    | 151       |           | 1001.3       | 1019.6         | 12.5        | -.1    | 10.8           | .1     | 9             | 65    | -28    | 2        | 124      | 102      |
| 16754 HERAKLION (AIRPORT)    | 3520N    | 02511E    | 39        |           | 1014.8       | 1019.6         | 13.2        | -.6    | 11.2           | .4     | 8             | 30    | -47    | 1        | 135      | 112      |
| <b>TURKEY</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 17022 ZONGULDAK              | 4127N    | 03148E    | 137       |           | 1004.7       | 1020.2         | 9.4         | .9     | 7.6            | .4     | 9             | 119   | -40    | 1        | 66       | 85       |
| 17030 SAMSUN                 | 4117N    | 03618E    | 4         |           | 1020.0       | 1020.7         | 10.4        | 1.2    | 7.0            | -.8    | 4             | 37    | -45    | 1        | 96       | 150      |
| 17034 GIRESEN                | 4055N    | 03823E    | 37        |           | 1016.7       | 1021.7         | 10.0        | .5     | 6.9            | -1.1   | 7             | 61    | -70    | 1        |          |          |
| 17040 RIZE                   | 4102N    | 04031E    | 9         |           | 1020.3       | 1020.5         | 8.4         | .1     | 7.8            | -.3    | 9             | 126   | -116   | 0        | 88       | 125      |
| 17050 EDIRNE                 | 4140N    | 02634E    | 51        |           | 1013.0       | 1019.9         | 5.4         | .8     | 8.1            | .8     | 8             | 75    | 5      | 3        | 82       | 110      |
| 17062 ISTANBUL/GOZTEPE       | 4058N    | 02905E    | 33        |           | 1017.5       | 1019.7         | 9.1         | 1.0    | 8.6            | .1     | 11            | 97    | -24    | 2        |          |          |
| 17074 KASTAMONU              | 4122N    | 03347E    | 800       |           | 927.2        | 1023.3         | .8          | -.4    | 5.5            | .0     | 5             | 37    | 0      | 3        | 81       | 125      |
| 17084 CORUM                  | 4033N    | 03457E    | 776       |           | 931.0        | 1024.2         | 1.4         | -.6    | 5.2            | -.5    | 5             | 37    | -13    | 2        | 72       | 100      |
| 17090 SIVAS                  | 3945N    | 03701E    | 1285      |           | 875.3        | 1023.8         | -.3         | -.1    | 4.0            | -.7    | 5             | 24    | -23    | 1        | 116      | 160      |
| 17092 ERZINCAN               | 3942N    | 03931E    | 1154      |           | 883.8        | 1025.7         | .3          | .3     | 4.0            | -.8    | 2             | 5     | -26    | 1        | 134      | 165      |
| 17096 ERZURUM                | 3957N    | 04110E    | 1758      |           | 827.0        | 1034.8         | -11.4       | -7.0   | 2.4            | -1.1   | 4             | 9     | -12    | 1        | 64       | 65       |
| 17098 KARS                   | 4033N    | 04305E    | 1795      |           | 825.2        | 1033.2         | -9.5        | -3.9   | 2.2            | -1.1   | 3             | 18    | -2     | 3        | 167      | 180      |
| 17112 CANAKKALE              | 4008N    | 02624E    | 6         |           | 1019.3       | 1019.6         | 9.0         | .5     | 9.4            | .1     | 9             | 160   | 43     | 4        | 103      | 100      |
| 17116 BURSA                  | 4011N    | 02904E    | 100       |           | 1008.3       | 1020.6         | 7.3         | -.3    | 7.4            | -.3    | 8             | 121   | 3      | 3        | 112      | 115      |
| 17130 ANKARA/CENTRAL         | 3957N    | 03253E    | 891       |           | 917.8        | 1023.0         | 3.8         | 1.2    | 6.1            | .3     | 5             | 39    | -10    | 2        | 93       | 120      |
| 17155 KUTAHYA                | 3925N    | 02958E    | 969       |           | 908.1        | 1022.5         | 2.0         |        | 5.5            |        | 7             | 91    |        | 3        | 78       | 120      |
| 17170 VAN                    | 3827N    | 04319E    | 1669      |           | 835.7        | 1025.7         | -.6         | .3     | 4.0            | -.1    | 2             | 12    | -21    | 1        | 197      | 145      |
| 17188 USAK                   | 3841N    | 02924E    | 919       |           | 913.4        | 1021.4         | 3.9         | -.2    | 5.6            | -1.0   | 8             | 79    | -7     | 3        |          |          |
| 17190 AFYON                  | 3845N    | 03032E    | 1034      |           | 900.9        | 1022.0         | 3.0         | .6     | 5.4            | -.5    | 7             | 36    | -10    | 2        | 92       | 95       |
| 17199 MALATYA/BOLGE          | 3821N    | 03819E    | 948       |           | 913.4        | 1024.3         | 1.7         |        | 4.7            |        | 4             | 43    |        | 3        | 135      | 140      |
| 17210 SIIRT                  | 3755N    | 04157E    | 896       |           | 918.3        | 1023.1         | 4.7         | .0     | 6.0            | .1     | 5             | 43    | -53    | 2        | 119      | 100      |
| 17220 IZMIR/GUZELYALI        | 3826N    | 02710E    | 29        |           | 1016.8       | 1019.7         | 10.7        | .2     | 9.1            | -.4    | 13            | 140   | -13    | 3        | 155      | 120      |
| 17240 ISPARTA                | 3745N    | 03033E    | 997       |           | 905.3        | 1022.3         | 2.5         | -.9    | 5.1            | -1.0   | 6             | 37    | -53    | 1        | 145      | 140      |
| 17244 KONYA                  | 3758N    | 03233E    | 1032      |           | 902.0        | 1023.5         | 1.5         | -.5    | 5.1            | -.5    | 5             | 24    | -20    | 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>CYPRUS</b><br>17609 LARNACA AIRPORT | 3453N    | 03338E    | 2         |           | 1019.9       | 1020.3         | 13.3        | -1     | 10.8           |        | 8             | 98    | 18     |          | 220      | 118      |
| <b>RUSSIAN FEDERATION (EUROPE)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 22113 MURMANSK                         | 6858N    | 03303E    | 51        |           | 986.9        | 993.2          | -2.1        | 7.0    | 4.5            | 1.5    | 7             | 22    | -14    | 3        | 0        |          |
| 22165 KANIN NOS                        | 6839N    | 04318E    | 49        |           | 991.0        | 997.1          | -3          | 6.1    | 5.4            | 1.8    | 11            | 28    | -13    | 2        | 0        |          |
| 22217 KANDALAKSHA                      | 6709N    | 03221E    | 25        |           | 992.2        | 995.4          | -2.5        | 8.1    | 4.8            | 2.0    | 17            | 56    | 23     | 6        | 0        |          |
| 22235 KRASNOSCEL'E                     | 6721N    | 03703E    | 156       |           | 977.2        | 996.7          | -3.2        |        | 4.7            |        | 21            | 59    |        |          | 0        |          |
| 22471 MEZEN'                           | 6552N    | 04413E    | 19        |           | 966.9        | 1002.1         | -2.4        |        | 4.5            |        | 13            | 35    |        | 3        | 0        |          |
| 22520 KEM'-PORT                        | 6459N    | 03448E    | 8         |           | 996.2        | 997.2          | -8          |        | 5.3            |        | 10            | 32    |        | 4        | 7        |          |
| 22550 ARHANGEL'SK                      | 6433N    | 04035E    | 4         |           | 1001.1       | 1002.1         | -1.1        | 9.4    | 4.7            | 1.8    | 20            | 62    | 19     | 5        | 0        |          |
| 22619 PADANY                           | 6316N    | 03325E    | 128       |           | 982.9        | 998.9          | -5          |        | 5.4            |        | 20            | 53    |        | 5        | 0        |          |
| 22641 ONEGA                            | 6354N    | 03807E    | 13        |           | 999.3        | 1001.0         | -7          | 8.5    | 5.3            | 2.2    | 19            | 79    | 35     | 5        | 0        |          |
| 22676 SURA                             | 6335N    | 04538E    | 62        |           | 998.9        | 1006.8         | -3.3        |        | 4.4            |        | 15            | 39    |        | 3        |          |          |
| 22768 SHENKURSK                        | 6206N    | 04254E    | 45        |           | 1001.0       | 1006.7         | -2.2        |        | 4.6            |        | 14            | 44    |        | 3        | 2        |          |
| 22802 SORTAVALA                        | 6143N    | 03043E    | 19        |           | 997.8        | 1000.1         | 1.3         | 7.8    | 6.0            | 2.3    | 23            | 143   | 89     | 6        | 4        | 22       |
| 22820 PETROZAVODSK                     | 6149N    | 03416E    | 110       |           | 987.4        | 1001.2         | -2          | 7.4    | 5.6            | 2.2    | 15            | 53    | 12     | 4        | 0        |          |
| 22837 VYTEGRA                          | 6101N    | 03627E    | 56        |           | 997.1        | 1004.1         | -4          | 7.6    | 5.2            | 1.9    | 16            | 51    | -3     | 3        | 1        | 6        |
| 26063 ST.PETERSBURG (VOEJKOVO)         | 5958N    | 03018E    | 6         |           | 1001.1       | 1001.9         | 1.9         | 6.5    | 6.0            | 1.9    | 16            | 59    | 9      | 5        | 5        | 38       |
| 26157 GDOV                             | 5844N    | 02750E    | 40        |           | 997.8        | 1002.8         | 1.7         |        | 6.2            |        | 16            | 54    |        |          | 20       |          |
| 26275 STARAYA RUSSA                    | 5801N    | 03119E    | 25        |           | 1003.0       | 1006.1         | 1.3         |        | 5.9            |        | 18            | 57    |        |          | 18       | 100      |
| 26359 PUSKINSKIE GORY                  | 5701N    | 02854E    | 108       |           | 993.6        | 1007.1         | 1.4         |        | 5.9            |        | 19            | 48    |        |          |          |          |
| 26781 SMOLENSK                         | 5445N    | 03204E    | 239       |           | 981.9        | 1011.4         | .3          | 5.9    | 5.8            | 1.9    | 17            | 69    | 13     |          | 13       | 54       |
| 26997 TRUBCHEVSK                       | 5235N    | 03346E    | 178       |           | 992.8        | 1015.1         | .4          |        | 5.9            |        | 14            | 60    |        | 4        |          |          |
| 27037 VOLOGDA                          | 5919N    | 03955E    | 130       |           | 993.0        | 1009.4         | -1.9        | 7.0    | 4.8            | 1.6    | 17            | 61    | 19     | 5        | 9        | 45       |
| 27051 TOT'MA                           | 5953N    | 04245E    | 134       |           | 993.0        | 1009.9         | -2.7        | 7.2    | 4.6            | 1.6    | 16            | 73    | 24     | 5        | 4        | 25       |
| 27333 KOSTROMA                         | 5744N    | 04047E    | 126       |           | 995.8        | 1011.8         | -1.9        | 6.5    | 4.8            | 1.5    | 15            | 48    | -2     | 3        | 12       | 71       |
| 27459 NIZHNIJ NOVGOROD                 | 5616N    | 04400E    | 157       |           | 995.3        | 1015.3         | -3.1        |        | 4.5            |        | 19            | 92    |        | 5        | 7        | 30       |
| 27595 KAZAN'                           | 5536N    | 04917E    | 116       |           | 1004.9       | 1020.2         | -6.3        | 2.7    | 3.4            | .4     | 14            | 89    | 52     | 6        | 7        | 21       |
| 27612 MOSKVA                           | 5550N    | 03737E    | 156       |           | 993.1        | 1012.6         | -1          | 6.0    | 5.3            | 1.6    | 15            | 76    | 21     |          |          |          |
| 27648 ELAT'MA                          | 5457N    | 04146E    | 136       |           | 998.9        | 1016.1         | -2.5        | 5.0    | 4.9            | 1.5    | 18            | 78    | 24     | 5        | 8        | 28       |
| 27675 PORETSKOE                        | 5511N    | 04620E    | 136       |           | 1000.9       | 1018.3         | -4.6        |        | 4.0            |        | 14            | 55    |        | 5        | 13       | 20       |
| 27707 SUHINICHI                        | 5406N    | 03521E    | 238       |           | 983.8        | 1013.5         | -6          |        | 5.6            |        | 17            | 83    |        |          |          |          |
| 27823 PAVELETS                         | 5347N    | 03915E    | 209       |           | 989.6        | 1016.2         | -1.7        | 5.2    | 5.1            | 1.5    | 13            | 46    | 5      | 4        | 21       | 58       |
| 27857 ZAMETCHINO                       | 5329N    | 04238E    | 131       |           | 1001.4       | 1018.1         | -2.6        |        | 4.7            |        | 15            | 86    |        | 6        | 23       | 70       |
| 27995 SAMARA (BEZENCHUK)               | 5259N    | 04926E    | 46        |           | 1018.2       | 1024.2         | -7.3        |        | 3.2            |        | 10            | 33    |        | 3        | 30       | 70       |
| 34110 BOGORODITSKOE-FENINO             | 5110N    | 03721E    | 226       |           | 989.4        | 1017.7         | -2          |        | 5.6            |        | 10            | 59    |        | 4        | 24       |          |
| 34123 VORONEZ                          | 5142N    | 03913E    | 149       |           | 999.3        | 1018.1         | -2          |        | 5.4            |        | 10            | 62    |        | 1        |          |          |
| 34152 BALASHOV                         | 5133N    | 04309E    | 159       |           | 1000.5       | 1020.7         | -2.4        |        | 4.8            |        | 11            | 84    |        | 5        |          |          |
| 34163 OKTJABR'SKIJ GORODOK             | 5138N    | 04527E    | 201       |           | 996.6        | 1022.3         | -4.6        |        | 4.1            |        | 10            | 36    |        | 4        | 26       | 57       |
| 34186 ERSHOV                           | 5122N    | 04818E    | 111       |           | 1010.1       | 1024.6         | -7.1        |        | 3.3            |        | 5             | 14    |        | 1        | 51       | 90       |
| 34579 VERHNIJ BASKUNCHAK               | 4813N    | 04644E    | 34        |           | 1019.9       | 1024.9         | -2.7        |        | 4.9            |        | 2             | 6     |        | 1        |          |          |
| 34720 TAGANROG                         | 4712N    | 03854E    | 32        |           | 1016.8       | 1020.8         | 2.3         |        | 6.6            |        | 9             | 46    |        |          | 40       | 15       |
| 34740 GIGANT                           | 4631N    | 04121E    | 79        |           | 1012.0       | 1012.9         | 2.2         |        | 6.5            |        | 3             | 10    |        |          |          |          |

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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>34866 YASHKUL'</b>    | 4611N    | 04521E    | -7        |           | 1024.4       | 1023.6         | .9          | 2.1    | 5.6            | .6     | 4             | 19    | 1      |          |          |          |
| 34927 KRASNODAR-KRUGLIK  | 4503N    | 03902E    | 29        |           | 1017.5       | 1021.2         | 5.7         |        | .7             |        | 7             | 43    |        | 1        | 53       | 95       |
| 34949 STAVROPOL'         | 4507N    | 04205E    | 452       |           | 966.8        | 1022.2         | 1.8         |        | 5.7            |        | 5             | 14    |        |          | 70       |          |
| 37001 ANAPA              | 4453N    | 03717E    | 32        |           | 1016.3       | 1020.3         | 7.4         |        | 8.3            |        | 11            | 53    |        | 2        | 65       | 110      |
| 37061 BUDENNOVSK         | 4447N    | 04408E    | 136       |           | 1006.2       | 1022.3         | 2.1         |        | 6.6            |        | 6             | 31    |        |          | 42       |          |
| 37107 KRASNAYA POLYANA   | 4341N    | 04012E    | 569       |           | 954.6        | 1023.2         | 3.4         |        | 6.3            |        | 8             | 76    |        | 1        | 83       | 135      |
| 37126 SHADZHATMAZ        | 4344N    | 04240E    | 2056      |           | 793.6        |                | -1.8        |        | 2.5            |        | 2             | 4     |        |          | 139      |          |
| 37228 VLADIKAVKAZ        | 4303N    | 04439E    | 703       |           | 937.7        | 1022.3         | 1.6         |        | 5.0            |        | 1             | 1     |        |          | 120      |          |
| 37470 DERBENT            | 4204N    | 04818E    | -18       |           | 1025.7       | 1023.3         | 5.9         |        | 7.2            |        | 2             | 5     |        | 4        | 88       | 135      |
| 37472 MAHACHKALA         | 4250N    | 04733E    | 32        |           | 1023.0       | 1025.3         | 4.4         | 1.1    | 7.1            | .5     | 2             | 5     | -24    | 1        | 96       | 143      |
| 37663 AH TY              | 4128N    | 04745E    | 1015      |           | 903.4        |                | 1.8         |        | 4.2            |        | 1             | 10    |        | 3        | 198      | 25       |
| <b>AZERBAIJAN</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37735 GANDJA             | 4043N    | 04625E    | 311       |           | 981.7        | 1019.9         | 3.6         | -5     |                |        |               | 2     | -16    | 0        |          |          |
| 37747 EVLAKH AIRPORT     | 4037N    | 04709E    | 15        |           | 1024.9       | 1026.8         | 3.7         | -8     | 6.4            | .3     | 0             | T     | -20    |          | 125      | 120      |
| 37860 MASHTAGA           | 4032N    | 05000E    | 28        |           | 1019.7       | 1023.2         | 6.7         | .9     | 1.1            | -5.8   | 90            | 0     | -27    | 0        |          |          |
| 37936 NAXCIVAN           | 3912N    | 04525E    | 885       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>37989 ASTARA</b>      | 3827N    | 04853E    | -22       |           | 1001.0       | 1026.5         | 6.5         | -3     | 8.3            | 1.2    |               | 35    | -68    | 0        |          |          |
| <b>BELARUS</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26554 VERHNEDVINSK       | 5549N    | 02757E    | 132       |           | 992.1        | 1008.5         | 1.4         |        | 5.9            |        | 13            | 55    |        | 4        | 16       |          |
| 26666 VITEBSK            | 5510N    | 03013E    | 176       |           | 988.6        | 1010.3         | 1.1         | 5.9    | 5.7            | 1.6    | 11            | 70    | 18     | 5        |          |          |
| 26825 GRODNO             | 5336N    | 02403E    | 134       |           | 991.9        | 1010.3         | 1.6         |        | 6.2            |        | 5             | 13    |        | 0        |          |          |
| 26850 MINSK              | 5356N    | 02738E    | 231       |           | 983.6        | 1011.2         | 1.1         | 4.9    | 5.9            | 1.5    | 10            | 42    | -11    | 2        | 12       | 44       |
| 26863 MOGILEV            | 5357N    | 03004E    | 192       |           | 987.7        | 1011.7         | .9          | 5.4    | 6.0            | 1.7    | 11            | 58    | 14     | 5        |          |          |
| 26941 BARANOVICHI        | 5307N    | 02600E    | 193       |           | 988.1        | 1012.1         | 1.4         |        | 6.1            |        | 5             | 43    |        | 3        |          |          |
| 26951 SLUTSK             | 5302N    | 02733E    | 162       |           | 992.3        | 1012.5         | 1.4         |        | 6.2            |        | 8             | 36    |        | 2        |          |          |
| 33008 BREST              | 5207N    | 02341E    | 146       |           | 994.9        | 1012.9         | 2.4         | 4.1    | 6.2            | 1.1    | 5             | 31    | -13    | 2        | 27       | 84       |
| 33019 PINSK              | 5207N    | 02607E    | 142       |           | 995.7        | 1013.5         | 1.7         |        | 6.3            |        | 11            | 37    |        | 3        | 33       | 100      |
| 33036 MOZYR              | 5157N    | 02910E    | 190       |           | 990.7        | 1014.1         | 1.6         |        | 5.9            |        | 11            | 60    |        | 5        |          |          |
| <b>33038 VASILEVICHI</b> | 5215N    | 02950E    | 142       |           | 996.3        | 1013.9         | 1.6         | 4.9    | 6.2            | 1.7    | 10            | 61    | 15     | 4        | 23       | 68       |
| 33041 GOMEL              | 5224N    | 03057E    | 126       |           | 998.4        | 1014.2         | 1.4         | 5.0    | 6.1            | 1.7    | 10            | 41    | -3     | 3        | 33       | 106      |
| <b>ESTONIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26038 TALLINN            | 5923N    | 02435E    | 34        |           | 994.9        | 999.0          | 2.0         | 4.9    | 6.5            | 1.9    | 22            | 125   | 70     | 6        | 23       | 128      |
| 26214 VILSANDI           | 5823N    | 02149E    | 6         |           | 998.4        | 999.1          | 4.7         | 4.4    | 7.0            | 1.6    | 21            | 118   | 60     | 6        | 18       | 72       |
| <b>26242 TARTU</b>       | 5818N    | 02644E    | 68        |           | 993.8        | 1002.5         | 1.6         | 5.9    | 5.9            | 1.6    | 18            | 59    | 19     | 4        | 28       | 117      |
| <b>GEORGIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37404 ZESTAFONT          | 4208N    | 04301E    | 148       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37484 BATUMI             | 4139N    | 04138E    | 2         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>KAZAKHSTAN</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. |
| 34398 ZHALPAKTAL           | 4940N    | 04929E    | 10        |           | 1024.5       | 1025.8         | -7.1        | -.3    | 3.8            | .3     | 4             | 14    | -9     |          | 87       | 212      |
| 34691 NOVYJ USHTOGAN       | 4754N    | 04848E    | -10       |           | 1026.8       | 1025.5         | -4.4        |        | 3.5            |        | 4             | 7     |        |          |          |          |
| <b>LATVIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26346 ALUKSNE              | 5726N    | 02702E    | 193       |           | 980.1        | 1004.7         | .6          |        | 6.0            |        | 19            | 70    |        |          | 21       | 80       |
| <b>26406 LIEPAJA</b>       | 5629N    | 02101E    | 7         |           | 1002.5       | 1003.1         | 3.9         | 4.2    | 6.9            | 1.4    | 21            | 144   | 77     |          | 16       | 57       |
| 26544 DAUGAVPILS           | 5552N    | 02637E    | 122       |           | 991.9        | 1007.3         | 1.4         | 5.2    | 6.1            | 1.7    | 16            | 50    | 4      |          | 14       | 64       |
| <b>LITHUANIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26509 KLAIPEDA             | 5544N    | 02104E    | 7         |           | 1003.9       | 1004.8         | 3.6         | 3.7    | 6.9            | 1.4    | 22            | 161   | 93     | 6        | 16       | 59       |
| 26524 SIAULIAI             | 5556N    | 02319E    | 107       |           | 992.3        | 1006.1         | 1.8         | 4.4    | 6.6            | 1.8    | 16            | 61    | 17     | 5        |          |          |
| 26629 KAUNAS               | 5453N    | 02350E    | 77        |           | 998.5        | 1008.1         | 1.9         | 4.2    | 6.5            | 1.7    | 15            | 37    | -10    | 2        | 25       | 83       |
| 26730 VILNIUS              | 5438N    | 02506E    | 162       |           | 989.9        | 1009.3         | 1.2         | 4.1    | 6.2            | 1.6    | 12            | 46    | -9     | 2        | 15       | 60       |
| <b>REPUBLIC OF MOLDOVA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 33748 CORNESTI             | 4720N    | 02805E    | 232       |           | 989.2        | 1018.0         | 2.7         |        | 6.4            |        | 2             | 10    |        | 1        |          |          |
| 33815 CHISINAU             | 4701N    | 02859E    | 173       |           | 996.2        | 1017.3         | 2.9         | 3.2    | 6.5            | 1.3    | 5             | 23    | -15    | 2        | 58       | 100      |
| 33829 TIRASPOL             | 4654N    | 02936E    | 40        |           | 1013.5       | 1018.6         | 2.9         |        | 6.8            |        | 4             | 31    |        | 3        | 50       | 95       |
| 33883 KOMRAT               | 4618N    | 02838E    | 133       |           | 1001.1       | 1018.0         | 2.6         |        | 6.4            |        | 5             | 20    |        | 2        |          |          |
| <b>UKRAINE</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 33177 VOLODYMYR-VOLYNS'KYI | 5050N    | 02419E    | 194       |           | 990.6        | 1014.7         | 2.2         |        | 6.3            |        | 10            | 42    |        | 3        |          |          |
| 33275 SUMY                 | 5051N    | 03440E    | 181       |           | 994.3        | 1017.1         | .8          | 4.8    | 6.1            |        | 11            | 64    | 10     | 4        |          |          |
| 33301 RIVNE                | 5035N    | 02608E    | 231       |           | 986.7        | 1015.3         | 1.5         | 4.0    | 6.0            |        | 12            | 57    | 20     | 5        |          |          |
| 33345 KIEV                 | 5024N    | 03034E    | 167       |           | 995.4        | 1016.2         | 2.2         | 4.5    | 6.1            | 1.3    | 6             | 29    | -23    | 2        |          |          |
| <b>33377 LUBNY</b>         | 5000N    | 03301E    | 158       |           | 997.5        | 1017.2         | 1.4         | 4.5    | 6.2            |        | 12            | 94    | 34     | 5        |          |          |
| 33393 L'VIV                | 4949N    | 02357E    | 323       |           | 976.5        | 1016.3         | 6.3         | 8.4    | 5.9            | 1.1    | 14            | 66    | 9      | 4        | 40       | 108      |
| 33415 TERNOPIL'            | 4932N    | 02540E    | 329       |           | 976.0        | 1016.7         | 1.1         | 4.0    | 5.7            |        | 10            | 33    | -6     | 2        |          |          |
| 33429 KHMEL'NYTS'KYI       | 4926N    | 02659E    | 350       |           | 973.7        | 1016.8         | 1.1         | 3.7    | 6.0            |        | 6             | 20    | -23    | 1        |          |          |
| 33506 POLTAVA              | 4936N    | 03433E    | 160       |           | 998.0        | 1018.0         | 1.4         | 4.5    | 6.4            | 1.7    | 9             | 68    | 17     | 5        |          |          |
| 33526 IVANO-FRANKIVS'K     | 4858N    | 02424E    | 280       |           | 982.2        | 1016.9         | 1.3         | 3.4    | 5.6            |        | 10            | 21    | -19    | 1        |          |          |
| 33562 VINNYTSIA            | 4914N    | 02836E    | 298       |           | 980.1        | 1016.9         | 1.3         | 3.8    | 6.0            | 1.3    | 3             | 14    | -29    | 1        | 50       | 122      |
| <b>33587 UMAN'</b>         | 4846N    | 03014E    | 216       |           | 990.9        | 1017.7         | 1.9         | 4.3    | 6.3            | 1.5    | 7             | 32    | -16    | 2        |          |          |
| 33631 UZHGOROD             | 4838N    | 02216E    | 124       |           | 1003.7       | 1018.3         | 2.5         | 2.9    | 6.7            | 1.5    | 16            | 128   | 59     | 5        | 20       | 43       |
| 33658 CHERNIVTSI           | 4822N    | 02554E    | 246       |           | 987.0        | 1017.5         | 1.5         | 3.4    | 5.8            | 1.1    | 4             | 19    | -18    | 2        | 69       | 130      |
| 33711 KIROVOHRAD           | 4831N    | 03212E    | 171       |           | 996.7        | 1018.0         | 1.9         | 4.2    | 6.6            |        | 9             | 51    | 9      | 4        |          |          |
| 33761 LIUBASHIVKA          | 4751N    | 03016E    | 183       |           | 995.1        | 1017.7         | 2.2         | 3.9    | 6.6            |        | 9             | 42    | 1      | 3        |          |          |
| 33777 VOZNESENS'K          | 4734N    | 03120E    | 34        |           | 1013.9       | 1018.1         | 2.9         |        | 6.9            |        | 9             | 76    |        | 5        |          |          |
| 33791 KRYVYI RIH           | 4802N    | 03313E    | 124       |           | 1003.0       | 1018.3         | 2.4         | 4.0    | 6.8            |        | 8             | 48    | 5      | 4        | 36       | 90       |
| 33837 ODESA                | 4626N    | 03046E    | 42        |           | 1013.0       | 1018.2         | 4.5         | 3.1    | 7.5            | 1.6    | 8             | 61    | 13     | 4        | 37       | 65       |
| 33889 IZMAIL               | 4522N    | 02851E    | 30        |           | 1015.4       | 1019.2         | 3.5         | 2.5    | 6.6            | .8     | 4             | 29    | -12    | 3        | 51       | 70       |
| 33902 KHERSON              | 4638N    | 03234E    | 54        |           | 1011.6       | 1018.2         | 3.8         | 3.7    | 7.3            |        | 13            | 50    | 10     | 4        | 37       | 70       |
| <b>33915 ASKANIJA-NOVA</b> | 4627N    | 03353E    | 30        |           | 1015.6       | 1019.4         | 3.5         | 3.2    | 7.2            | 1.3    | 1             | 18    | -19    | 5        | 58       | 116      |



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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       |           | 997.6        | 1019.9         | 5.2         | 2.8    | 7.4            | .9     | 10            | 42    | -12    | 2        | 75       | 100      |
| <b>33998 AI-PETRI</b>                    | 4426N    | 03405E    | 1180      |           | 882.4        |                | .5          | 2.0    | 5.7            |        | 13            | 128   | -45    | 4        | 40       | 55       |
| 34300 KHARKIV                            | 4958N    | 03608E    | 155       |           | 999.2        | 1018.7         | 1.3         | 4.7    | 6.1            | 1.5    | 9             | 53    | 8      | 4        | 20       | 65       |
| 34415 IZIUM                              | 4911N    | 03718E    | 78        |           | 1009.5       | 1019.4         | 1.7         |        | 6.2            |        | 8             | 41    |        | 3        |          |          |
| 34504 DNIPROPETROVS'K                    | 4836N    | 03458E    | 143       |           | 1000.5       | 1018.4         | 1.6         | 3.7    | 6.5            |        | 9             | 45    | -7     | 3        | 25       | 70       |
| 34519 DONETS'K                           | 4804N    | 03746E    | 225       |           | 991.7        | 1019.8         | 1.0         | 3.6    | 6.0            |        | 10            | 41    | -11    | 3        |          |          |
| 34523 LUHANS'K                           | 4834N    | 03915E    | 62        |           | 1012.6       | 1020.3         | 2.2         | 4.4    | 6.2            |        | 8             | 41    | -2     | 3        | 21       | 55       |
| 34712 MARIUPOL'                          | 4702N    | 03730E    | 70        |           | 1011.7       | 1020.4         | 2.0         |        | 6.7            |        | 1             | 66    |        | 3        |          |          |
| <b>SYRIAN ARAB REPUBLIC</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>40001 KAMISHLI</b>                    | 3703N    | 04113E    | 455       |           | 965.7        |                | 8.0         | .0     | 7.4            | -2     | 3             | 228   | 160    | 0        |          | 0        |
| 40007 ALEPPO INT. AEROPORT               | 3611N    | 03712E    | 393       |           | 975.4        | 1022.0         | 6.2         | -1.1   | 2.6            | -5.6   |               | 5     | -53    | 5        |          |          |
| 40030 HAMA                               | 3507N    | 03645E    | 303       |           |              |                | 6.9         | -1.0   | 7.9            | -9     | 8             |       |        |          | 47       | 36       |
| 40045 DEIR EZZOR                         | 3519N    | 04009E    | 215       |           | 997.7        | 1023.1         | 6.5         | -1.6   | 6.1            | -1.9   | 5             |       | -24    |          | 68       | 42       |
| 40080 DAMASCUS INT. AIRPORT              | 3325N    | 03631E    | 609       |           | 949.2        | 1021.7         | 6.2         | -1.0   | 5.4            | -2.0   | 20            | 27    | 1      | 0        | 231      | 141      |
| <b>ISRAEL</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40179 BET DAGAN                          | 3200N    | 03449E    | 35        |           | 1016.3       | 1020.0         | 14.3        | .5     | 10.1           |        | 3             | 22    | -121   | 1        | 227      | 120      |
| 40180 BEN-GURION INT. AIRPORT            | 3200N    | 03454E    | 49        |           | 1015.5       | 1020.4         | 14.4        |        | 9.3            |        | 3             | 31    |        | 1        |          |          |
| <b>40199 EILAT</b>                       | 2933N    | 03457E    | 12        |           | 1017.0       | 1019.3         | 16.4        | .2     | 7.3            |        | 0             | 0     | -6     | 2        | 242      | 105      |
| <b>JORDAN</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40250 H-4 'IRWAISHED'                    | 3230N    | 03812E    | 683       |           | 940.9        | 1021.2         | 8.5         |        | 5.9            |        | 0             | 0     |        | 1        | 235      | 125      |
| 40265 MAFRAQ                             | 3222N    | 03615E    | 683       |           | 942.2        | 1023.1         | 8.3         |        | 6.3            |        | 1             | 9     |        | 2        | 228      | 160      |
| 40296 GHOR SAFI                          | 3102N    | 03528E    | -350      |           | 1063.5       | 1020.5         | 16.4        |        | 9.9            |        | 2             | 5     |        |          | 198      | 115      |
| 40310 MA'AN                              | 3010N    | 03547E    | 1069      |           | 897.5        | 1516 Y         | 8.9         | -1     | 5.4            | -1.3   | 0             | T     | -7     | 2        | 235      | 105      |
| <b>ASIA</b>                              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>RUSSIAN FEDERATION (ASIA)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>20046 POLARGMO IM. E.T. KRENKELJA</b> | 8037N    | 05803E    | 22        |           | 994.0        | 997.2          |             | 13.8   | 3.1            | 2.0    | 3             | 15    | -11    |          |          |          |
| <b>20069 OSTROV VIZE</b>                 | 7930N    | 07659E    | 10        |           | 1000.2       | 1001.5         |             | 15.2   | 3.0            | 2.0    | 6             | 17    | 2      | 3        |          |          |
| <b>20087 OSTROV GOLOMJANNYJ</b>          | 7933N    | 09037E    | 8         |           | 1006.0       | 1007.1         | -17.5       |        | 1.6            |        | 7             | 22    |        | 5        |          |          |
| <b>20292 GMO IM.E.K. FEDOROVA</b>        | 7743N    | 10410E    | 15        |           | 1010.7       | 1012.6         | -19.4       | 6.7    | 1.3            | .6     | 5             | 26    | 8      | 0        |          |          |
| 20476 MYS STERLEGOVA                     | 7525N    | 08854E    | 11        |           | 1009.2       | 1010.7         | -17.5       |        | 1.6            |        | 4             | 13    |        |          |          |          |
| <b>20667 IM. M.V. POPOVA</b>             | 7320N    | 07003E    | 7         |           | 1002.9       | 1003.6         | -7.1        |        | 3.5            |        | 4             | 19    |        |          | 0        |          |
| <b>20674 OSTROV DIKSON</b>               | 7330N    | 08024E    | 47        |           |              | 1008.4         | -12.5       | 10.4   | 2.4            | 1.2    | 13            | 31    | 0      | 4        |          |          |
| <b>20744 MALYE KARMAKULY</b>             | 7222N    | 05242E    | 15        |           | 996.0        | 997.8          | -2.0        | 10.0   | 4.7            | 2.3    | 9             | 26    | -5     |          |          |          |
| <b>20891 HATANGA</b>                     | 7159N    | 10220E    | 33        |           | 1014.8       | 1019.4         | -23.7       | 6.0    | .6             | .0     | 9             | 18    | -2     | 3        |          |          |
| 20982 VOLOCHANKA                         | 7058N    | 09430E    | 40        |           | 1013.4       | 1018.9         | -19.5       |        | 1.4            |        | 9             | 28    |        | 3        | 0        |          |
| <b>21432 OSTROV KOTEL'NYJ</b>            | 7600N    | 13750E    | 8         |           | 1018.6       | 1020.7         | -25.0       | 2.6    | .7             | .1     | 2             | 10    | 2      |          |          |          |
| 21802 SASKYLAH                           | 7158N    | 11400E    | 18        |           | 1018.8       | 1021.5         | -28.2       |        | .8             |        | 6             | 11    |        |          | 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. |
| 21908 DZALINDA           | 7008N    | 11350E    | 62        |           | 1014.3       | 1023.3         | -30.1       |        | .5             |        | 2             | 6     |        |          | 0        |          |
| 21921 KJUSJUR            | 7041N    | 12720E    | 33        |           | 1021.3       | 1026.4         | -32.9       |        | .4             |        | 7             | 23    |        |          |          |          |
| 21931 JUBILEJNAJA        | 7046N    | 13610E    | 24        |           | 1020.3       | 1023.8         | -30.0       |        | .1             |        | 2             | 8     |        |          |          |          |
| 21946 CHOKURDAH          | 7037N    | 14750E    | 61        |           | 1016.7       | 1025.5         | -31.6       | 1.3    | .4             | .0     | 4             | 12    | 0      |          |          |          |
| 21982 OSTROV VRANGELJA   | 7059N    | 17820E    | 5         |           | 1014.7       | 1017.6         | -19.0       | 2.4    | 1.1            | .1     | 3             | 17    | 7      |          |          |          |
| 23022 AMDERMA            | 6945N    | 06142E    | 49        |           | 999.0        | 1005.1         | -6.1        |        | 3.6            |        | 4             | 10    |        |          | 0        |          |
| 23032 MARESALE           | 6943N    | 06648E    | 25        |           | 1004.2       | 1007.3         | -6.3        |        | 3.4            |        | 9             | 21    |        |          |          |          |
| 23058 ANTIPAJUTA         | 6905N    | 07651E    | 3         |           | 1013.1       | 1013.6         | -13.0       |        | 2.3            |        | 9             | 22    |        |          |          |          |
| 23074 DUDINKA            | 6924N    | 08610E    | 19        |           | 1015.8       | 1018.4         | -15.0       | 10.0   | 1.7            | .8     | 20            | 50    | 0      | 3        | 0        |          |
| 23205 NAR'JAN-MAR        | 6738N    | 05302E    | 12        |           | 1002.8       | 1004.3         | -5.0        | 9.3    | 3.6            | 1.4    | 8             | 26    | -4     | 3        | 0        |          |
| 23242 NOVYJ PORT         | 6741N    | 07253E    | 12        |           | 1011.5       | 1013.1         | -12.7       |        | 2.2            |        | 7             | 20    |        |          | 0        |          |
| 23256 TAZOVSKOE          | 6728N    | 07844E    | 8         |           | 1012.6       | 1016.3         | -13.5       |        | 2.1            |        | 15            | 45    |        |          | 0        |          |
| 23274 IGARKA             | 6728N    | 08634E    | 31        |           | 1017.7       | 1021.5         | -16.3       |        | 1.7            |        | 17            | 61    |        | 5        | 0        |          |
| 23324 PETRUN'            | 6626N    | 06046E    | 62        |           | 1003.5       | 1011.4         | -6.7        |        | 3.2            |        | 8             | 25    |        | 2        | 0        |          |
| 23330 SALEHARD           | 6632N    | 06640E    | 16        |           | 1008.0       | 1010.2         | -13.9       | 6.8    | 2.0            | .7     | 6             | 17    | -7     |          | 0        |          |
| 23383 AGATA              | 6653N    | 09328E    | 278       |           | 990.0        | 1028.5         | -23.9       |        | 1.0            |        | 7             | 22    |        | 1        |          |          |
| 23405 UST'-CIL'MA        | 6526N    | 05216E    | 68        |           | 998.2        | 1008.4         | -5.9        | 8.2    | 3.4            | 1.1    | 12            | 31    | -11    | 2        | 0        |          |
| 23445 NADYM              | 6528N    | 07240E    | 19        |           | 1014.4       | 1016.9         | -12.6       |        | 2.3            |        | 12            | 41    |        |          |          |          |
| 23463 YANOV-STAN         | 6559N    | 08416E    | 40        |           | 1017.2       | 1022.8         | -16.4       |        | 1.9            |        | 14            | 52    |        | 5        |          |          |
| 23472 TURUHANSK          | 6547N    | 08756E    | 38        |           | 1018.6       | 1023.7         | -15.6       | 8.1    | 1.7            | .6     | 16            | 59    | 17     | 5        | 0        |          |
| 23552 TARKO-SALE         | 6455N    | 07749E    | 27        |           | 1016.3       | 1020.0         | -14.4       | 7.5    | 2.1            | .8     | 14            | 39    | 9      |          | 0        |          |
| 23631 BEREZOVO           | 6356N    | 06503E    | 32        |           | 1012.3       | 1016.7         | -12.1       | 6.7    | 2.4            | .9     | 10            | 21    | -9     | 4        | 0        |          |
| 23662 TOL'KA             | 6359N    | 08205E    | 33        |           | 1018.3       | 1023.0         | -15.1       |        | 1.9            |        | 13            | 37    |        |          | 0        |          |
| 23678 VERHNEIMBATSK      | 6309N    | 08757E    | 46        |           | 1020.6       | 1026.7         | -14.5       |        | 1.9            |        | 16            | 49    |        | 3        |          |          |
| 23711 TROICKO-PECHERSKOE | 6242N    | 05612E    | 139       |           | 997.9        | 1015.8         | -7.5        | 7.0    | 3.2            | 1.0    | 12            | 34    | -17    | 2        | 0        |          |
| 23724 NJAKSIMVOL'        | 6226N    | 06052E    | 51        |           | 1010.7       | 1017.4         | -12.1       | 5.5    | 2.4            | .7     | 6             | 16    | -16    |          | 3        |          |
| 23734 OKTJABR'SKOE       | 6227N    | 06603E    | 72        |           | 1009.6       | 1019.2         | -12.1       |        | 2.4            |        | 9             | 29    |        |          | 2        |          |
| 23867 LAR' YAK           | 6106N    | 08015E    | 57        |           | 1018.1       | 1025.7         | -15.5       |        | 1.9            |        | 9             | 27    |        |          | 17       |          |
| 23884 BOR                | 6136N    | 09001E    | 58        |           | 1021.2       | 1029.0         | -15.8       | 6.1    | 1.8            | .5     | 16            | 40    | -7     | 2        | 3        | 27       |
| 23891 BAJKIT             | 6140N    | 09622E    | 262       |           | 997.6        |                | -23.6       | 4.6    | .9             | .0     | 10            | 31    | -3     | 3        | 17       | 113      |
| 23914 CHERDYN'           | 6024N    | 05631E    | 207       |           | 993.2        | 1020.0         | -9.1        | 4.2    | 3.0            | .6     | 16            | 73    | 14     | 4        | 2        | 14       |
| 23921 IVDEL'             | 6041N    | 06027E    | 95        |           | 1006.9       | 1019.7         | -12.5       | 3.4    | 2.3            | .3     | 5             | 12    | -14    | 1        | 29       | 116      |
| 23933 HANTY-MANSIJSK     | 6101N    | 06902E    | 46        |           | 1016.0       | 1022.0         | -13.0       | 3.7    | 2.3            | .5     | 8             | 29    | -2     |          | 3        | 30       |
| 23955 ALEKSANDROVSKOE    | 6026N    | 07752E    | 48        |           | 1019.3       | 1025.9         | -15.7       | 2.4    | 1.9            | .2     | 5             | 19    | -4     |          | 30       | 111      |
| 23966 VANZIL'-KYNOK      | 6021N    | 08405E    | 99        |           | 1012.7       | 1026.2         | -15.7       |        | 1.8            |        | 11            | 31    |        |          |          | 0        |
| 23986 SEVERO-ENISEJSK    | 6023N    | 09320E    | 519       |           | 963.9        | 1031.0         | -15.4       |        | 1.7            |        | 16            | 77    |        | 6        |          |          |
| 24125 OLENEK             | 6830N    | 11220E    | 220       |           | 994.1        | 1025.4         | -30.6       | 2.7    | .5             | -1.1   | 2             | 8     | -6     |          |          |          |
| 24136 SUHANA             | 6837N    | 11820E    | 77        |           | 1015.0       | 1026.4         | -36.0       |        | .3             |        | 4             | 12    |        |          | 0        |          |
| 24143 DZARDZAN           | 6844N    | 12400E    | 39        |           | 1021.6       | 1027.3         | -35.1       | .8     | .3             | .0     | 8             | 24    | 10     |          |          |          |
| 24266 VERHOJANSK         | 6733N    | 13320E    | 137       |           | 1010.6       | 1031.3         | -43.0       | .6     | .1             | -1.1   | 3             | 6     | -4     |          | 0        |          |
| 24329 SHELAGONTSY        | 6615N    | 11410E    | 236       |           | 994.8        |                | -35.4       | 2.9    | .3             | -2.2   | 2             | 3     | -8     |          | 0        |          |
| 24343 ZHIGANSK           | 6646N    | 12320E    | 92        |           | 1015.1       | 1028.7         | -35.6       | 1.1    | .3             | .0     | 6             | 20    | 7      |          | 0        |          |
| 24382 UST'-MOMA          | 6627N    | 14310E    | 196       |           | 1001.8       | 1031.0         | -40.7       |        | .2             |        |               | 2     |        |          | 0        |          |
| 24507 TURA               | 6416N    | 10010E    | 168       |           | 1004.1       | 1031.1         | -27.6       | 4.5    | .4             | -1.1   | 2             | 7     | -14    | 0        | 0        |          |
| 24606 KISLOKAN           | 6335N    | 10350E    | 211       |           | 1001.5       | 1031.5         | -29.3       |        | .7             |        | 3             | 12    |        | 2        | 12       |          |
| 24641 VILJUJSK           | 6346N    | 12130E    | 111       |           | 1012.7       | 1029.2         | -34.2       | .8     | .3             | -1.1   | 4             | 14    | -1     |          | 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. |
| 24661 SEGEN-KYUEL'     | 6400N    | 13010E    | 208       |           | 1000.4       | 1031.2         | -39.0       |        | .2             |        |               | 2     |        |          |          |          |
| 24671 TOMPO            | 6357N    | 13550E    | 402       |           | 974.5        | 1034.0         | -42.2       |        | .1             |        |               | 2     |        |          | 0        |          |
| 24688 OJMJAKON         | 6315N    | 14300E    | 741       |           | 932.0        | 1040.9         | -45.9       | -3     | .1             | .0     | 1             | 2     | -8     |          | 23       |          |
| 24713 NAKANNO          | 6253N    | 10820E    | 246       |           | 996.2        | 1031.1         | -28.9       |        | .8             |        | 7             | 11    |        |          | 14       |          |
| 24738 SUNTAR           | 6209N    | 11730E    | 133       |           | 1009.8       | 1029.5         | -29.8       | 1.4    | .7             | .1     | 6             | 15    | -2     |          | 14       |          |
| 24790 SUSUMAN          | 6247N    | 14810E    | 655       |           | 939.6        | 1033.1         | -39.0       |        | .3             |        |               | 3     |        |          | 32       |          |
| 24817 ERBOGACEN        | 6116N    | 10800E    | 291       |           | 991.4        | 1032.1         | -26.1       | 2.9    | .9             | .2     | 8             | 18    | 0      |          | 38       | 211      |
| 24908 VANAVARA         | 6020N    | 10210E    | 260       |           | 997.3        | 1033.7         | -24.9       | 2.6    | .9             | .0     | 7             | 20    | -6     | 2        | 25       | 93       |
| 24959 JAKUTSK          | 6201N    | 12940E    | 101       |           | 1015.4       | 1030.3         | -36.1       | 2.7    | .2             | .0     | 2             | 9     | -3     |          | 18       |          |
| 24966 UST'-MAJYA       | 6023N    | 13420E    | 170       |           | 1005.4       | 1030.8         | -40.3       | -1.3   | .2             | -1.1   | 1             | 6     | -7     |          | 59       | 281      |
| 24967 TEGYULTYA        | 6028N    | 13000E    | 171       |           | 1007.4       | 1032.7         | -37.2       |        | .3             |        | 3             | 12    |        |          |          |          |
| 25062 MYS BILLINGSA    | 6953N    | 17540E    | 3         |           | 1019.8       | 1020.2         | -27.3       |        | .7             |        | 4             | 12    |        |          |          |          |
| 25138 OSTROVNOE        | 6807N    | 16410E    | 94        |           | 1010.7       | 1024.5         | -35.5       |        | .3             |        | 2             | 6     |        |          | 0        |          |
| 25173 MYS SHMIDTA      | 6854N    | 17920W    | 4         |           | 1017.5       | 1018.0         | -23.9       | -4     | .9             | -1.1   | 9             | 33    | 11     |          |          |          |
| 25206 SREDNE-KOLYMSK   | 6727N    | 15340E    | 21        |           | 1022.8       | 1025.9         | -34.0       |        | .3             |        | 4             | 17    |        |          |          |          |
| 25248 ILIRNEJ          | 6715N    | 16750E    | 353       |           | 974.1        | 1025.3         | -37.8       | -4.6   | .3             | -2.2   | 1             | 5     | -12    |          |          |          |
| 25282 MYS VANKAREM     | 6750N    | 17050W    | 5         |           | 1012.5       | 1013.2         | -20.5       |        | 1.3            |        | 12            | 40    |        |          |          |          |
| 25325 UST'-OLOJ        | 6633N    | 15920E    | 127       |           | 1007.7       | 1026.4         | -36.6       | -1.7   | .3             | -1.1   | 4             | 16    | 0      |          | 0        |          |
| 25356 EN' MUVEEM       | 6623N    | 17320E    | 77        |           | 1005.2       | 1016.0         | -26.1       |        | .4             |        | 2             | 6     |        |          | 0        |          |
| 25378 EGVEKINOT        | 6621N    | 17900W    | 26        |           | 1007.5       | 1011.0         | -14.6       |        | 1.3            |        | 4             | 41    |        |          |          |          |
| 25399 MYS UELEN        | 6610N    | 16950W    | 3         |           | 1003.8       | 1004.8         | -15.2       | 1.9    | 1.8            | .1     | 13            | 44    | 16     |          | 0        |          |
| 25400 ZYRYANKA         | 6544N    | 15050E    | 43        |           | 1020.4       | 1026.7         | -35.2       | .1     | .3             | .0     | 4             | 19    | 2      |          | 0        |          |
| 25428 OMOLON           | 6514N    | 16030E    | 264       |           | 987.9        | 1026.2         | -39.6       |        | .2             |        | 2             | 6     |        |          | 0        |          |
| 25503 KORKODON         | 6445N    | 15350E    | 98        |           | 1013.1       | 1027.8         | -37.4       |        | .3             |        | 3             | 13    |        |          | 3        |          |
| 25538 VERHNEE PENZINO  | 6413N    | 16410E    | 326       |           | 974.7        | 1020.5         | -31.0       |        | .6             |        | 1             | 3     |        |          | 7        |          |
| 25551 MARKOVO          | 6441N    | 17020E    | 26        |           | 1011.5       | 1014.9         | -27.9       | -2.4   | .8             | -2.2   | 5             | 31    | -1     |          | 99       |          |
| 25563 ANADYR'          | 6447N    | 17730E    | 61        |           | 1002.8       | 1011.2         | -21.7       | -1.7   | 1.2            | -3     | 2             | 15    | -25    |          | 41       |          |
| 25594 BUHTA PROVIDENJA | 6425N    | 17310W    | 40        |           | 997.8        | 1003.0         | -12.8       | -2     | 2.2            | .2     | 6             | 19    | -56    |          |          |          |
| 25677 BERINGOVSKAJA    | 6303N    | 17910E    | 82        |           | 1006.3       | 1006.9         | -15.6       |        | 1.9            |        | 13            | 38    |        |          |          |          |
| 25705 SREDNIKAN        | 6227N    | 15210E    | 260       |           | 989.7        | 1027.4         | -35.5       |        | .3             |        | 9             | 28    |        |          | 0        |          |
| 25927 BROHOVO          | 5939N    | 15410E    | 5         |           | 1013.3       | 1015.7         | -18.0       |        | 1.3            |        | 7             | 16    |        | 0        | 54       |          |
| 25932 TAJGONOS         | 6041N    | 16020E    | 30        |           | 1007.2       | 1011.2         | -14.8       |        | 1.4            |        | 0             | 0     |        |          | 39       |          |
| 25954 KORF             | 6021N    | 16600E    | 4         |           | 995.9        |                | -15.5       | -1.9   | 1.2            | -8     | 2             | 7     | -23    | 1        | 795      |          |
| 28009 KIRS             | 5922N    | 05213E    | 169       |           | 996.4        | 1018.2         | -7.0        |        | 3.4            |        | 17            | 43    |        | 3        |          |          |
| 28064 LEUSI            | 5937N    | 06543E    | 72        |           | 1013.6       | 1023.3         | -10.8       | 3.9    | 2.4            | .4     | 2             | 8     | -15    | 1        | 6        | 17       |
| 28138 BISER            | 5831N    | 05851E    | 463       |           | 964.1        | 1023.7         | -10.2       | 3.6    | 2.6            | .4     | 10            | 36    | -27    | 1        | 28       | 108      |
| 28224 PERM'            | 5801N    | 05618E    | 171       |           | 999.9        | 1022.2         | -7.9        |        | 2.9            |        | 11            | 17    |        |          | 12       | 60       |
| 28255 TURINSK          | 5803N    | 06341E    | 103       |           | 1010.9       | 1024.9         | -11.3       |        | 2.3            |        | 5             | 11    |        | 1        | 2        | 5        |
| 28275 TOBOL'SK         | 5809N    | 06815E    | 50        |           | 1019.8       | 1026.2         | -13.9       | 1.3    | 1.9            | .0     | 4             | 14    | -9     | 2        | 62       | 148      |
| 28418 SARAPUL          | 5628N    | 05344E    | 133       |           | 1005.6       | 1022.9         | -7.7        |        | 3.0            |        | 11            | 35    |        | 2        | 17       | 55       |
| 28434 KRASNOUFIMSK     | 5639N    | 05747E    | 206       |           | 998.8        | 1025.7         | -9.7        | 2.8    | 2.5            | .1     | 3             | 10    | -24    | 1        | 43       | 134      |
| 28493 TARA             | 5654N    | 07423E    | 73        |           | 1019.2       | 1029.1         | -15.7       | -2     | 1.7            | -1.1   | 2             | 6     | -19    | 1        | 79       | 144      |
| 28552 SADRINSK         | 5604N    | 06339E    | 89        |           | 1016.0       | 1028.0         | -12.3       | .1     | 2.1            | -1.1   | 3             | 6     | -18    | 1        | 92       | 170      |
| 28573 ISHIM            | 5606N    | 06926E    | 82        |           | 1018.1       | 1029.3         | -15.5       |        | 1.8            |        | 4             | 12    |        |          | 87       |          |
| 28666 MAKUSINO         | 5515N    | 06718E    | 140       |           | 1010.9       | 1029.6         | -15.1       |        | 1.8            |        | 2             | 12    |        | 2        | 86       | 125      |
| 28698 OMSK             | 5501N    | 07323E    | 122       |           | 1014.3       | 1030.9         | -15.7       | -1.3   | 1.7            | -3     | 7             | 22    | 1      |          | 74       | 121      |

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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. |
| 28704 CULPANOV                 | 5430N    | 05025E    | 78        |           | 1012.8       | 1023.0         | -8.1        |        | 3.1            |        | 11            | 32    |        | 3        | 35       | 85       |
| 28722 UFA-DIOMA                | 5443N    | 05550E    | 104       |           | 1012.2       | 1026.0         | -9.7        | 1.1    | 2.5            | -2     | 10            | 36    | -10    |          | 39       | 98       |
| 28748 TROIZK                   | 5405N    | 06137E    | 192       |           | 1004.4       | 1030.1         | -13.7       |        | 1.9            |        | 2             | 6     |        | 1        | 96       |          |
| 29111 SREDNY VASJUGAN          | 5913N    | 07814E    | 69        |           | 1018.5       | 1027.9         | -15.6       |        | 1.8            |        | 6             | 17    |        |          | 21       |          |
| 29231 KOLPASEVO                | 5819N    | 08257E    | 75        |           | 1019.1       | 1029.4         | -15.0       | 2.5    | 1.9            | .2     | 7             | 20    | -10    |          | 42       | 108      |
| 29263 ENISEJSK                 | 5827N    | 09209E    | 79        |           | 1021.1       | 1031.9         | -14.6       | 4.3    | 1.8            | .3     | 12            | 30    | -5     | 2        | 33       | 150      |
| 29282 BOGUCANY                 | 5823N    | 09727E    | 133       |           | 1015.2       | 1033.7         | -19.5       | 1.9    | 1.3            | .1     | 11            | 33    | 14     | 5        | 17       | 121      |
| 29313 PUDINO                   | 5732N    | 07922E    | 97        |           | 1016.4       | 1029.6         | -16.4       |        | 1.7            |        | 3             | 12    |        |          | 65       |          |
| 29328 BAKCHAR                  | 5705N    | 08155E    | 110       |           | 1027.0       | 1030.6         | -14.5       |        | 1.9            |        | 7             | 16    |        |          | 59       |          |
| 29379 TASEEVO                  | 5712N    | 09433E    | 168       |           | 1011.7       | 1034.2         | -18.3       |        | 1.5            |        | 7             | 23    |        |          |          |          |
| 29570 KRASNOJARSK OPYTNOE POLE | 5602N    | 09245E    | 276       |           | 997.1        | 1033.7         | -12.3       |        | 2.0            |        | 4             | 15    |        | 2        |          |          |
| 29594 TAJSHET                  | 5557N    | 09800E    | 307       |           | 993.7        | 1034.8         | -15.2       |        | 1.8            |        | 12            | 30    |        |          | 60       |          |
| 29612 BARABINSK                | 5520N    | 07822E    | 120       |           | 1015.2       | 1031.4         | -15.4       | .0     | 1.8            | -1     | 6             | 16    | -6     |          | 83       | 134      |
| 29645 KEMEROVO CGMS            | 5515N    | 08613E    | 148       |           | 1013.9       | 1033.9         | -14.2       |        | 1.9            |        | 8             | 27    |        |          | 73       |          |
| 29752 NENASTNAYA               | 5445N    | 08849E    | 1183      |           | 886.2        |                | -10.8       |        | 1.9            |        | 16            | 83    |        | 2        | 89       | 145      |
| 29789 VERHNJAJA GUTARA         | 5413N    | 09658E    | 984       |           | 911.5        | 1037.7         | -16.7       |        | 1.6            |        | 1             | 3     |        |          | 44       |          |
| 29866 MINUSINSK                | 5342N    | 09142E    | 254       |           | 1002.5       | 1036.8         | -15.3       | .6     | 1.8            | .1     | 6             | 12    | 1      | 4        | 35       | 103      |
| 29939 BIJSK ZONAL'NAYA         | 5241N    | 08457E    | 228       |           | 1005.5       | 1035.8         | -13.9       |        | 1.9            |        | 3             | 9     |        | 1        |          |          |
| 30054 VITIM                    | 5927N    | 11230E    | 190       |           | 1007.0       | 1033.5         | -23.8       | 2.4    | .9             | .0     | 12            | 37    | 3      |          | 3        | 17       |
| 30089 DZHIKIMDA                | 5901N    | 12140E    | 175       |           | 1007.6       | 1032.7         | -29.0       |        | .7             |        | 10            | 24    |        |          |          |          |
| 30230 KIRENSK                  | 5746N    | 10800E    | 259       |           | 999.9        | 1036.3         | -25.5       | -1.0   | .9             | -1     | 9             | 20    | -7     |          | 63       | 217      |
| 30252 MAMAKAN                  | 5749N    | 11410E    | 249       |           | 1001.5       | 1036.2         | -24.3       |        | .9             |        | 8             | 18    |        |          | 20       |          |
| 30309 BRATSK                   | 5617N    | 10140E    | 416       |           | 979.2        | 1034.6         | -15.7       | 1.9    | 1.7            | .1     | 11            | 35    | 15     |          | 49       | 114      |
| 30372 CHARA                    | 5654N    | 11810E    | 711       |           | 938.6        | 1036.0         | -29.2       | 1.4    | .5             | .0     | 1             | 3     | -1     | 3        | 75       | 127      |
| 30385 UST'-NJUKZHA             | 5635N    | 12120E    | 426       |           | 973.3        | 1032.8         | -28.7       |        | .6             |        | 2             | 5     |        |          | 67       | 30       |
| 30433 NIZHNEANGARSK            | 5547N    | 10930E    | 487       |           | 969.7        | 1033.2         | -16.1       | 1.3    | 1.3            | .1     | 2             | 3     | -13    | 1        | 114      | 181      |
| 30521 ZHIGALOVO                | 5448N    | 10510E    | 426       |           | 981.5        | 1039.2         | -23.9       | .6     | .9             | -1     | 12            | 30    | 12     |          | 58       | 123      |
| 30554 BAGDARIN                 | 5428N    | 11330E    | 903       |           | 916.9        | 1038.0         | -27.2       | -9     | .6             | -1     | 2             | 3     | 1      | 3        | 118      | 126      |
| 30612 BALAGANSK                | 5400N    | 10300E    | 427       |           | 979.6        | 1037.2         | -18.8       |        | 1.4            |        | 9             | 24    |        |          |          |          |
| 30636 BARGUZIN                 | 5337N    | 10930E    | 489       |           | 969.6        | 1036.3         | -23.7       |        | 1.1            |        | 9             | 29    |        | 2        | 52       | 88       |
| 30650 ROMANOVKA                | 5312N    | 11240E    | 923       |           | 914.7        | 1037.9         | -26.2       |        | .7             |        | 1             | 3     |        | 2        |          |          |
| 30673 MOGOCHA                  | 5345N    | 11940E    | 625       |           | 948.0        | 1033.4         | -27.2       | .4     | .7             | .1     |               | 3     | -2     | 2        | 137      | 134      |
| 30710 IRKUTSK                  | 5216N    | 10410E    | 469       |           | 974.6        | 1036.7         | -15.1       | .9     | 1.7            | .0     | 8             | 25    | 6      |          | 73       | 118      |
| 30758 CHITA                    | 5205N    | 11320E    | 671       |           | 945.9        | 1036.7         | -23.4       | -6     | .8             | -1     | 1             | 5     | 1      | 4        | 121      | 112      |
| 30777 SREGENSK                 | 5214N    | 11740E    | 525       |           | 962.8        | 1035.2         | -26.6       |        | .6             |        |               | 3     |        | 1        | 130      | 110      |
| 30844 HILOK                    | 5121N    | 11020E    | 802       |           | 931.9        | 1037.5         | -20.4       |        | 1.2            |        | 5             | 12    |        | 4        |          |          |
| 30879 NERCHINSKIY ZAVOD        | 5119N    | 11930E    | 619       |           | 949.8        | 1034.0         | -26.5       | -1.9   | .6             | -2     | 01            | 1     | -4     | 1        | 148      | 130      |
| 30925 KJAHTA                   | 5022N    | 10620E    | 797       |           | 933.9        | 1037.9         | -17.6       |        | 1.3            |        | 0             | T     |        | 1        | 151      | 124      |
| 30935 KRASNYY CHIKOJ           | 5022N    | 10840E    | 771       |           | 937.4        | 1039.3         | -20.1       |        | 1.1            |        | 2             | 9     |        | 4        | 101      | 90       |
| 30949 KYRA                     | 4934N    | 11150E    | 908       |           | 918.1        | 1036.7         | -20.3       | -1.7   | 1.1            | .0     | 1             | 2     | 0      | 3        | 168      | 110      |
| 30965 BORZYA                   | 5024N    | 11630E    | 676       |           | 944.9        | 1037.0         | -26.8       | -3.6   | .7             | -2     | 1             | 3     | 0      | 3        | 165      | 120      |
| 31004 ALDAN                    | 5837N    | 12520E    | 679       |           | 939.4        | 1030.8         | -25.2       | .0     | .8             | .0     | 11            | 32    | 1      |          | 37       | 90       |
| 31088 OHOTSK                   | 5922N    | 14310E    | 6         |           | 1015.3       | 1016.1         | -19.8       | .2     | .8             | -2     | 0             | T     | -17    | 1        | 110      | 204      |
| 31137 TOKO                     | 5617N    | 13100E    | 850       |           | 918.1        | 1036.8         | -38.6       |        | .3             |        | 1             | 7     |        |          |          |          |
| 31152 NEL' KAN                 | 5739N    | 13600E    | 318       |           | 984.8        | 1030.7         | -35.6       |        | .2             |        | 1             | 3     |        |          | 14       |          |
| 31168 AYAN                     | 5627N    | 13800E    | 8         |           | 1017.8       | 1019.0         | -16.7       | -2     | 1.0            | .0     | 0             | T     | -35    |          | 86       | 123      |

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|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 31174 BOL'SHOJ SHANTAR            | 5450N    | 13730E    | 21        |           | 1019.2       | 1020.4         | -17.2       |        | 1.4            |        | 2             | 6     |        |          | 128      | 195      |
| <b>31253 BOMNAK</b>               | 5443N    | 12850E    | 357       |           | 977.1        | 1028.0         | -29.0       | 1.0    | .5             | .0     | 4             | 11    | 1      | 4        | 95       | 112      |
| <b>31329 EKIMCHAN</b>             | 5304N    | 13250E    | 542       |           | 953.6        | 1028.4         | -29.5       | .3     | .5             | .0     | 2             | 6     | -7     | 2        | 149      | 142      |
| <b>31369 NIKOLAEVSK-NA-AMURE</b>  | 5309N    | 14040E    | 68        |           | 1009.2       | 1018.3         | -18.2       | 2.1    | 1.4            | .2     | 7             | 64    | 19     |          |          |          |
| <b>31416 IM POLINY OSIPENKO</b>   | 5225N    | 13630E    | 73        |           | 1011.6       | 1021.3         | -23.0       | 2.0    | .9             | .1     | 3             | 8     | -7     |          | 152      | 131      |
| 31439 BOGORODSKOE                 | 5223N    | 14020E    | 35        |           | 1014.1       | 1018.8         | -19.0       |        | 1.2            |        | 8             | 23    |        |          |          |          |
| 31478 SOFIJSKIJ PRIISK            | 5216N    | 13350E    | 902       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>31707 EKATERINO-NIKOL'SKOE</b> | 4744N    | 13050E    | 73        |           | 1014.9       | 1024.8         | -17.3       | .6     | 1.1            | -.1    | 2             | 6     | -4     |          |          |          |
| 31770 SOVETSKAYA GAVAN'           | 5100N    | 13950E    | 238       |           | 1013.5       | 1016.6         | -11.8       |        | 1.6            |        | 7             | 28    |        |          | 129      | 95       |
| 31873 DAL'NERECHENSK              | 4552N    | 13340E    | 101       |           | 1010.9       | 1025.3         | -17.4       |        | 1.4            |        | 3             | 11    |        |          |          |          |
| <b>31960 VLADIVOSTOK</b>          | 4307N    | 13150E    | 183       |           | 1000.6       | 1025.4         | -10.9       | -1.4   | 1.5            | -.7    | 0             | T     | -19    |          | 181      | 116      |
| 31989 PREOBRAZHENIE               | 4254N    | 13350E    | 43        |           | 1015.9       | 1021.5         | -7.3        |        | 1.8            |        | 0             | T     |        |          |          |          |
| 32027 POGIBI                      | 5213N    | 14130E    | 6         |           | 1015.8       | 1016.7         | -14.6       |        | 1.7            |        | 10            | 42    |        |          | 87       |          |
| 32061 ALEKSANDROVSK-SAHALINSKIJ   | 5054N    | 14210E    | 31        |           | 1011.7       | 1015.8         | -11.3       | 1.4    | 2.3            | .3     | 15            | 65    | 10     | 4        | 34       | 60       |
| 32076 POGRANICHNOE                | 5024N    | 14340E    | 8         |           | 1012.2       | 1013.2         | -11.4       |        | 2.2            |        | 10            | 76    |        | 5        |          |          |
| <b>32098 PORONAJSK</b>            | 4913N    | 14300E    | 8         |           | 1013.1       | 1012.1         | -11.8       | 1.1    | 2.2            | .3     | 5             | 35    | -4     | 4        | 114      | 93       |
| 32099 MYS TERPENIYA               | 4839N    | 14440E    | 6         |           | 1011.0       | 1011.8         | -6.3        |        | 3.2            |        | 7             | 55    |        |          | 58       | 20       |
| 32150 JUZHNO-SAHALINSK            | 4657N    | 14240E    | 24        |           | 1009.5       | 1012.6         | -8.1        | .6     | 3.0            | .1     | 14            | 133   | 70     | 5        | 105      | 103      |
| 32165 JUZHNO-KURIL'SK             | 4401N    | 14550E    | 49        |           | 1005.1       | 1011.2         | -1.5        | -.5    | 4.1            | -.2    | 17            | 90    | 21     | 5        | 116      | 103      |
| 32213 MYS LOPATKA                 | 5052N    | 15640E    | 47        |           | 997.7        | 1004.1         | -3.4        |        | 4.9            |        | 4             | 9     |        | 0        | 74       | 145      |
| <b>32252 UST'-VOYAMPOLKA</b>      | 5830N    | 15910E    | 7         |           | 1008.0       | 1009.0         | -20.1       | -6.4   | 1.2            | -1.0   | 3             | 17    | -10    | 2        | 72       | 180      |
| 32287 UST'-HAJRJUZOVO             | 5705N    | 15640E    | 8         |           | 1006.3       | 1007.3         | -13.7       |        | 1.8            |        | 6             | 19    |        | 2        | 74       | 165      |
| <b>32389 KLJUCHI</b>              | 5619N    | 16050E    | 29        |           | 1003.3       | 1007.2         | -18.5       | -4.4   | 1.7            | -4     | 9             | 50    | -14    | 2        | 46       | 110      |
| 32477 SOBOLEVO                    | 5418N    | 15550E    | 14        |           | 1002.1       | 1005.4         | -14.6       |        | 1.8            |        | 8             | 29    |        | 2        | 83       | 130      |
| 32509 SEMYACHIK                   | 5407N    | 15950E    | 27        |           | 999.9        | 1003.4         | -6.6        |        | 2.4            |        | 8             | 39    |        | 1        | 89       | 105      |
| <b>32618 OSTROV BERINGA</b>       | 5512N    | 16550E    | 18        |           | 998.9        | 1001.1         | -3.9        | -1.9   | 3.7            | -.7    | 11            | 49    | -20    | 1        | 41       | 124      |
| 35011 SOROCHINSK                  | 5226N    | 05308E    | 123       |           | 1011.2       | 1027.5         | -10.0       |        | 2.4            |        | 4             | 13    |        | 1        |          |          |
| 36038 ZMEINOGORSK                 | 5109N    | 08212E    | 355       |           | 987.5        | 1036.9         | -13.5       |        | 2.0            |        | 9             | 29    |        |          | 76       |          |
| 36064 YAJLJU                      | 5146N    | 08736E    | 480       |           | 974.5        | 1035.7         | -5.0        |        | 2.9            |        | 4             | 11    |        |          | 104      |          |
| 36096 KYZYL                       | 5143N    | 09430E    | 628       |           | 963.2        | 1050.4         | -26.3       |        | .6             |        | 2             | 9     |        | 3        | 62       | 95       |
| 36229 UST'-KOKSA                  | 5017N    | 08537E    | 978       |           | 917.5        | 1045.5         | -20.3       |        | 1.2            |        | 2             | 8     |        |          | 126      |          |
| 36259 KOSH-AGACH                  | 5001N    | 08841E    | 1759      |           | 830.1        | 1588 Y         | -24.7       |        | .7             |        | 0             | T     |        |          | 142      |          |
| 36307 ERZIN                       | 5016N    | 09507E    | 1101      |           | 907.0        |                | -25.1       |        | .6             |        | 3             | 16    |        | 0        |          |          |
| <b>KAZAKHSTAN</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 28766 BLAGOVESHCHENKA             | 5422N    | 06658E    | 151       |           | 1010.3       | 1030.8         | -16.5       |        | 1.6            |        | 2             | 6     |        | 2        | 122      |          |
| 28879 KOKSHETAY                   | 5317N    | 06923E    | 229       |           | 1001.6       | 1032.4         | -14.5       | -2.7   | 1.8            | -.4    | 1             | 5     | -6     | 1        | 119      | 159      |
| <b>28952 KOSTANAY</b>             | 5313N    | 06337E    | 170       |           | 1011.2       | 1031.8         | -15.6       | -2.9   | 1.7            | -.6    | 3             | 11    | -9     |          | 115      | 147      |
| 28966 RUZAEVKA                    | 5249N    | 06658E    | 227       |           | 1002.4       | 1033.1         | -17.3       |        | 1.6            |        | 4             | 9     |        |          |          |          |
| <b>29807 IRTYSHSK</b>             | 5321N    | 07527E    | 94        |           | 1019.9       | 1032.6         | -15.7       | -1.5   | 1.6            | -.5    | 5             | 14    | -1     |          |          |          |
| 35067 ESIL'                       | 5153N    | 06620E    | 221       |           | 1003.9       | 1033.8         | -17.5       |        | 1.6            |        | 4             | 12    |        | 3        |          |          |
| <b>35078 ATBASAR</b>              | 5149N    | 06822E    | 304       |           | 993.5        | 1034.7         | -18.1       | -4.3   | 1.6            | -.5    | 2             | 6     | -14    | 1        | 141      | 168      |
| 35108 URALSK                      | 5115N    | 05117E    | 37        |           | 1022.0       | 1026.8         | -8.9        | -.5    | 2.7            | -.4    | 2             | 9     | -19    | 2        | 59       | 91       |
| 35188 ASTANA                      | 5108N    | 07122E    | 350       |           | 988.4        | 1035.0         | -15.0       | -2.4   | 1.7            | -.6    | 3             | 12    | -5     | 3        | 106      | 113      |
| 35217 DZHAMBETJY                  | 5021N    | 05234E    | 32        |           | 1023.7       | 1028.0         | -10.2       |        | 2.7            |        | 5             | 9     |        |          |          |          |
| 35229 AKTOBE                      | 5017N    | 05709E    | 219       |           | 1002.4       | 1031.4         | -12.4       | -2.4   | 2.4            | -.4    | 5             | 17    | -8     | 4        | 66       | 99       |

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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>35394 KARAGANDA</b>     | 4948N    | 07309E    | 553       |           | 963.6        | 1036.1         | -14.5       | -3.4   | 1.7            | -.7    | 7             | 17    | -5     |          | 137      | 138      |
| 35406 TAIPAK               | 4903N    | 05152E    | 2         |           | 1027.5       | 1027.7         | -8.7        | -1.9   | 2.7            | -.8    | 4             | 4     | -18    | 0        | 116      | 163      |
| <b>35416 UIL</b>           | 4904N    | 05441E    | 128       |           | 1017.4       | 1030.2         | -10.8       | -3.4   | 2.3            | -.9    | 3             | 10    | -12    | 4        | 115      | 153      |
| 35426 TEMIR                | 4909N    | 05707E    | 234       |           | 1000.9       | 1031.9         | -12.4       |        | 2.3            |        | 6             | 23    |        | 4        |          |          |
| <b>35576 KZYLZAR</b>       | 4818N    | 06939E    |           |           | 987.9        | 1044.2         | -17.3       | -5.8   | 1.9            | -.6    | 0             | 0     | -16    |          |          |          |
| 35671 ZHEZKAZGAN           | 4748N    | 06743E    | 346       |           | 989.3        | 1035.8         | -15.8       |        | 1.7            |        |               | 2     |        |          | 127      |          |
| 35700 ATYRAU               | 4707N    | 05155E    | -22       |           | 1030.0       | 1027.5         | -6.0        | -1.7   | 3.3            | -.8    | 4             |       |        |          | 81       | 108      |
| 35746 ARALSKOE MORE        | 4647N    | 06139E    | 62        |           | 1026.1       | 1033.2         | -12.6       | -5.5   | 2.4            | -.9    | 3             | 8     | -3     | 1        | 134      | 126      |
| <b>35796 BALHASH</b>       | 4648N    | 07505E    | 350       |           | 989.9        |                | -12.8       | -2.9   |                |        | 5             | 17    | 4      |          | 127      | 97       |
| <b>35849 KAZALINSK</b>     | 4546N    | 06207E    | 68        |           | 1024.0       | 1033.1         | -10.9       | -5.3   | 2.5            | -1.1   | 5             | 11    | -1     | 2        | 138      | 131      |
| 35953 DZHUSALY             | 4530N    | 06405E    | 103       |           | 1019.8       | 1033.6         | -10.9       |        | 2.5            |        | 4             | 13    |        | 3        |          |          |
| 36003 PAVLODAR             | 5218N    | 07656E    | 122       |           | 1017.2       | 1033.4         | -15.1       |        | 1.8            |        |               | 24    |        | 0        | 84       | 25       |
| <b>36177 SEMIPALATINSK</b> | 5025N    | 08018E    | 196       |           | 1010.3       | 1036.7         |             |        | 1.8            | -.4    | 2             | 14    | -6     | 0        | 118      | 126      |
| 36208 LENINOGORSK          | 5020N    | 08333E    | 811       |           | 933.7        | 1036.5         | -11.5       | -1.0   | 2.1            | .0     | 8             | 26    | 4      | 4        |          |          |
| 36428 BOL'SHE NARYMSKOE    | 4912N    | 08431E    | 401       |           | 985.8        | 1039.6         | -16.5       |        | 1.7            |        | 8             | 25    |        |          | 143      | 160      |
| <b>36535 KOKPEKTY</b>      | 4845N    | 08222E    | 512       |           | 972.3        | 1041.0         | -19.6       | -2.7   | 1.3            | -.3    | 5             | 21    | -12    |          | 89       | 87       |
| <b>36859 ZHARKENT</b>      | 4410N    | 08004E    | 645       |           | 953.3        | 1034.3         | -6.0        | -1.6   | 2.4            | -1.2   | 4             | 11    | -1     |          | 80       | 55       |
| <b>36870 ALMATY</b>        | 4314N    | 07656E    | 851       |           | 927.9        | 1032.6         | -4.8        | -1.0   | 3.8            | -.1    | 4             | 30    | -3     | 3        | 58       | 57       |
| 38062 KYZYLORDA            | 4451N    | 06530E    | 130       |           | 1016.0       | 1033.2         | -8.8        | -4.0   | 2.7            | -1.2   | 6             | 19    | 0      | 4        |          |          |
| 38069 CHILI                | 4410N    | 06645E    | 153       |           | 1012.6       | 1032.7         | -6.6        |        | 3.2            |        | 1             | 10    |        | 3        |          |          |
| 38198 TURKESTAN            | 4316N    | 06813E    | 207       |           | 1005.6       | 1032.7         | -6.4        | -5.0   | 3.5            | -1.2   | 7             | 33    | 3      |          | 117      | 96       |
| 38328 SHYMKENT             | 4219N    | 06942E    | 604       |           | 956.0        | 1031.2         | -2.8        |        | 4.2            |        | 5             | 45    |        | 2        | 87       |          |
| 38334 AUL TURARA RYSKULOVA | 4229N    | 07018E    | 808       |           | 931.9        | 1031.2         | 10.2        |        | 3.5            |        | 13            | 79    |        | 2        |          |          |
| 38341 ZHAMBYL              | 4251N    | 07123E    | 655       |           | 951.3        | 1033.4         | -6.7        |        | 3.8            |        | 6             | 33    |        | 4        | 91       |          |
| 38343 KULAN                | 4257N    | 07245E    | 683       |           | 945.3        | 1033.5         | -7.7        |        | 3.2            |        | 7             | 23    |        | 4        |          |          |
| 38439 CHARDARA             | 4122N    | 06800E    | 275       |           |              |                | -2.3        |        |                |        |               |       |        |          |          |          |
| <b>TAJIKISTAN</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 38599 KHUDJANT             | 4013N    | 06944E    | 427       |           | 980.2        |                | .0          | -2.0   | 5.1            | -.4    | 4             | 19    | 3      |          | 78       | 74       |
| <b>TURKMENISTAN</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 38388 EKEZHE               | 4102N    | 05746E    | 62        |           | 1022.8       | 1030.1         | -1.9        |        | 3.8            |        | 1             | 3     |        |          | 142      | 10       |
| <b>38507 TURKMENBASHI</b>  | 4003N    | 05300E    | 82        |           | 1015.6       | 1026.1         | 3.5         | -1.2   | 5.6            | -1.0   | 3             | 6     | -8     |          | 151      | 122      |
| 38511 CHAGYL               | 4047N    | 05520E    | 115       |           | 1013.5       | 1028.0         | -.4         |        | 4.7            |        | 2             | 10    |        |          | 127      |          |
| 38545 DARGANATA            | 4028N    | 06217E    | 142       |           | 1012.5       | 1030.1         | -1.9        |        | 10.9           |        | 2             | 7     |        |          | 103      | 5        |
| 38656 ERBENT               | 3919N    | 05836E    | 87        |           | 1017.7       | 1029.0         | .4          | -2.2   | 4.9            | -.7    | 2             | 6     | -7     |          |          |          |
| 38687 CHARDZHEV            | 3905N    | 06336E    | 190       |           | 1006.0       | 1030.6         | -.1         | -3.4   | 10.9           | 5.1    | 2             | 7     | -10    |          | 78       | 59       |
| <b>38750 ESENGYLY</b>      | 3728N    | 05338E    | -22       |           | 1028.1       | 1025.2         | 5.9         | -.9    | 7.7            | -.5    | 5             | 18    | -9     |          | 179      | 119      |
| <b>38763 GYZYLARBAT</b>    | 3859N    | 05617E    | 92        |           | 1016.0       | 1026.8         | 2.1         | -1.2   | 5.7            | -.6    | 2             | 12    | -12    |          | 93       | 85       |
| 38880 ASHGABAT KESHI       | 3755N    | 05808E    | 312       |           | 988.9        | 1027.9         | 1.3         | -3.2   | 5.6            | -.8    | 3             | 8     | -13    |          | 106      | 102      |
| <b>38895 BAJRAMALY</b>     | 3736N    | 06211E    | 240       |           | 999.6        | 1029.9         | 1.7         | -3.1   | 5.6            | .2     | 3             | 11    | -13    |          | 114      | 89       |
| 38974 SARAGT               | 3632N    | 06113E    | 275       |           | 993.9        | 1028.4         | 2.7         | -3.2   | 5.8            | .1     | 1             | 11    | -15    |          | 139      | 96       |
| <b>UZBEKISTAN</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. |
| 38178 AK-BAJTAL                           | 4309N    | 06420E    | 234       |           | 1007.5       | 1032.8         | -6.4        | -3.6   | 1.8            | -2.5   | 1             | 3     | -14    | 1        | 99       | 93       |
| <b>38262 CHIMBAJ</b>                      | 4257N    | 05949E    | 66        |           | 1022.3       | 1030.9         | -4.8        | -2.5   | 3.3            | -1.0   | 3             | 9     | -8     | 3        | 118      | 113      |
| 38396 URGENCH                             | 4134N    | 06034E    | 101       |           | 1018.2       | 1031.3         | -3.5        |        | 3.7            |        | 2             | 4     |        | 2        |          |          |
| 38403 BUZAUBAJ                            | 4145N    | 06228E    | 98        |           | 1017.4       | 1030.8         | -3.6        |        | 2.8            |        | 1             | 2     |        | 1        |          |          |
| <b>38413 TAMDY</b>                        | 4144N    | 06437E    | 237       |           | 1001.2       | 1031.8         | -4.4        | -4.6   | 3.7            | -9     | 3             | 18    | 3      | 3        | 80       | 75       |
| <b>38457 TASHKENT</b>                     | 4116N    | 06916E    | 488       |           | 969.8        | 1030.6         | -5          | -3.7   | 4.8            | -6     | 10            | 38    | -15    | 3        | 92       | 88       |
| 38611 NAMANGAN                            | 4059N    | 07135E    | 474       |           | 972.6        | 1031.6         | .2          |        | 5.4            |        | 7             | 27    |        | 4        | 51       | 45       |
| 38618 FERGANA                             | 4022N    | 07145E    | 577       |           | 958.6        | 1029.7         | -2          | -1.5   | 5.1            | -4     | 4             | 17    | 4      | 4        | 63       | 66       |
| 38683 BUHARA                              | 3943N    | 06437E    | 226       |           | 1000.4       | 1028.5         | -1.1        |        | 4.8            |        | 2             | 15    |        | 3        |          |          |
| 38696 SAMARKAND                           | 3934N    | 06657E    | 724       |           | 941.4        | 1029.8         | -5          | -3.8   | 4.9            | -6     | 10            | 38    | -3     | 3        | 133      | 102      |
| 38812 KARSHI                              | 3848N    | 06543E    | 376       |           | 981.9        | 1028.8         | .8          |        | 5.5            |        | 5             | 11    |        | 2        |          |          |
| 38927 TERMEZ                              | 3714N    | 06716E    | 310       |           | 990.5        | 1030.2         | 2.5         | -3.0   | 6.1            | -6     | 1             | 3     | -13    | 1        | 129      | 93       |
| <b>SAUDI ARABIA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40356 TURAIF                              | 3141N    | 03844E    | 855       |           | 922.2        | 1515 Y         | 7.7         |        | 5.2            |        | 1             | 9     |        |          |          |          |
| 40357 ARAR                                | 3054N    | 04108E    | 555       |           | 956.8        |                | 3.4         |        | 6.0            |        | 1             | T     |        |          |          |          |
| 40360 GURIAT                              | 3124N    | 03717E    | 509       |           | 961.2        | 1020.5         |             |        |                |        | 1             |       |        |          | 249      |          |
| <b>40361 AL-JOUF</b>                      | 2947N    | 04006E    | 689       |           | 943.2        | 1021.3         | 10.7        |        | 4.2            |        | 0             | T     |        |          |          |          |
| 40362 RAFHA                               | 2937N    | 04329E    | 449       |           | 968.6        | 1021.1         | 10.1        |        | 4.0            |        | 0             | 0     |        |          |          | 0        |
| 40373 AL-QAISUMAH                         | 2819N    | 04608E    | 358       |           | 978.6        | 1021.2         | 11.5        |        | 6.5            |        | 0             | 0     |        |          |          |          |
| 40375 TABUK                               | 2823N    | 03636E    | 778       |           | 930.7        | 1019.1         | 12.0        |        | 5.3            |        | 0             | 0     |        |          | 258      |          |
| 40377 HAFR AL-BATIN                       | 2755N    | 04531E    | 414       |           | 973.1        | 1022.2         | 11.5        |        | 7.4            |        | 0             | 0     |        |          |          |          |
| <b>40394 HAIL</b>                         | 2726N    | 04141E    | 1015      |           | 906.6        | 1536 Y         | 11.8        |        | 6.0            |        | 0             | 0     |        |          | 279      |          |
| 40400 AL-WEJH                             | 2612N    | 03629E    | 24        |           | 1013.6       | 1016.4         | 21.4        |        | 13.7           |        | 0             | 0     |        |          | 263      |          |
| 40405 GASSIM                              | 2618N    | 04346E    | 648       |           | 945.9        | 1020.7         | 14.0        |        | 8.1            |        | 0             | 0     |        |          |          |          |
| 40416 DHAHRAN                             | 2616N    | 05010E    | 26        |           | 1016.6       | 1018.7         | 15.1        | -1.9   | 10.5           | .1     | 0             | 0     | -11    |          |          |          |
| 40417 K.F.I.A. (KING FAHAD INT. AI        | 2627N    | 04949E    | 22        |           | 1018.9       | 1020.4         | -42.0       |        | 8.0            |        | 0             | 0     |        |          | 111      | 110      |
| 40437 KING KHALED INT. AIRPORT            | 2456N    | 04643E    | 614       |           | 950.4        | 1021.9         | 13.0        |        | 6.0            |        | 0             | 0     |        |          | 284      |          |
| 40439 YENBO                               | 2408N    | 03804E    | 10        |           | 1012.7       | 1013.7         | 22.3        |        | 1.3            |        | 0             | 0     |        |          | 272      |          |
| <b>41024 JEDDAH (KING ABDUL AZIZ INT.</b> | 2142N    | 03911E    | 17        |           | 1011.6       | 1013.6         | 25.1        | .4     | 18.3           | -3     | 0             | 0     | -11    |          | 256      |          |
| 41030 MAKKAH                              | 2126N    | 03946E    | 240       |           | 985.7        | 1012.7         | 26.5        |        | 17.8           |        | 0             | 0     |        |          |          |          |
| 41036 AL-TAIF                             | 2129N    | 04033E    | 1478      |           | 857.9        | 1528 Y         | 17.0        | 1.1    | 9.6            | 1.2    | 0             | 0     | -7     | 2        | 288      |          |
| 41055 AL-BAHA                             | 2018N    | 04139E    | 1672      |           | 838.2        | 1530 Y         | 16.4        |        | 7.9            |        | 0             | 0     |        |          | 308      |          |
| 41061 WADI AL-DAWASSER AIRPORT            | 2030N    | 04515E    | 629       |           | 947.7        | 1019.3         | 15.0        |        | 8.7            |        | 0             | 0     |        |          | 309      |          |
| 41084 BISHA                               | 1959N    | 04238E    | 1167      |           | 888.2        | 1533 Y         | 16.7        |        | 6.7            |        | 0             | 0     |        |          | 306      |          |
| 41112 ABHA                                | 1814N    | 04239E    | 2093      |           | 796.2        | 1533 Y         | 14.9        |        | 8.9            |        | 0             | 0     |        |          | 292      |          |
| 41114 KHAMIS MUSHAIT                      | 1818N    | 04248E    | 2066      |           | 799.4        | 1529 Y         | 15.3        |        | 9.4            |        | 0             | 0     |        |          |          |          |
| 41128 NAJRAN                              | 1737N    | 04425E    | 1214      |           | 884.4        | 1546 Y         | 15.7        |        | 6.4            |        | 0             | 0     |        |          | 247      |          |
| 41136 SHARORAH                            | 1728N    | 04706E    | 725       |           | 936.1        | 1018.5         | 16.5        |        | 6.4            |        | 0             | 0     |        |          | 294      |          |
| 41140 GIZAN                               | 1653N    | 04235E    | 7         |           | 1012.9       | 1013.7         | 27.4        |        | 25.2           |        | 0             | 0     |        |          |          |          |
| <b>IRAN, ISLAMIC REPUBLIC OF</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40712 ORUMIEH                             | 3732N    | 04505E    | 1316      |           | 869.2        | 1022.7         | 1.7         | 1.3    | 5.2            | .5     | 6             | 57    | 25     |          | 125      | 106      |
| <b>40745 MASHHAD</b>                      | 3616N    | 05938E    | 999       |           | 906.1        | 1022.2         | 5.6         | 3.0    | 7.1            | 1.8    | 11            | 56    | 30     |          | 96       | 63       |
| 40754 TEHRAN-MEHRABAD                     | 3541N    | 05119E    | 1204      |           | 883.5        | 1019.0         | 7.7         | 2.7    | 7.3            | 2.1    | 13            | 78    | 42     |          | 160      | 95       |

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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. |
| 40766 KERMANSHAH                        | 3416N    | 04707E    | 1322      |           | 870.5        | 1018.5         | 7.5         | 4.0    | 6.8            | 1.3    | 3             | 21    | -49    |          | 193      | 131      |
| 40800 ESFAHAN                           | 3228N    | 05140E    | 1550      |           | 845.1        | 1012.1         | 9.6         | 5.2    | 7.7            | 3.1    | 8             | 93    | 74     |          | 174      | 84       |
| 40831 ABADAN                            | 3022N    | 04815E    | 6         |           | 1015.9       | 1016.7         | 17.2        | 3.4    | 12.3           | 1.8    | 4             | 13    | -17    |          | 196      | 108      |
| <b>40841 KERMAN</b>                     | 3015N    | 05658E    | 1754      |           | 828.9        | 1014.5         | 11.4        | 5.2    | 5.8            | 1.7    | 3             | 16    | -2     |          | 246      | 123      |
| <b>40848 SHIRAZ</b>                     | 2932N    | 05232E    | 1481      |           |              | 1015.2         | 8.0         | 1.2    | 5.1            | -7     | 8             | 46    | -17    |          | 224      | 104      |
| <b>BAHRAIN</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41150 BAHRAIN (INT. AIRPORT)</b>     | 2616N    | 05039E    | 2         |           | 1019.8       | 1020.0         | 17.6        | -1.7   | 12.9           | -4.0   | 0             | 0     | -10    | 1        | 273      | 121      |
| <b>QATAR</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41170 DOHA INTERNATIONAL AIRPORT</b> | 2515N    | 05134E    | 11        |           | 1019.4       | 1020.3         | 18.5        | -.7    | 16.0           | .0     | 0             | 0     | -12    | 3        | 291      | 121      |
| <b>UNITED ARAB EMIRATES</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41217 ABU DHABI INTER. AIRPORT</b>   | 2426N    | 05439E    | 27        |           | 1015.1       | 1017.9         | 19.9        | .0     | 14.3           | -1.2   | 0             | 0     | -9     | 1        | 264      | 105      |
| <b>OMAN</b>                             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41256 SEEB, INT'L AIRPORT</b>        | 2335N    | 05817E    | 15        |           | 1016.3       | 1017.3         | 21.8        |        | 11.6           |        | 0             | 0     |        | 0        |          |          |
| <b>41268 SUR</b>                        | 2232N    | 05928E    | 14        |           | 1015.2       | 1016.9         | 22.7        |        | 16.1           |        | 1             | 22    |        | 0        | 1        |          |
| <b>41288 MASIRAH</b>                    | 2040N    | 05854E    | 19        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41314 THUMRAIT</b>                   | 1740N    | 05401E    | 467       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41316 SALALAH</b>                    | 1702N    | 05405E    | 23        |           | 1013.8       | 1016.3         | 24.2        |        | 9.4            |        | 0             | 0     |        | 0        | 1        |          |
| <b>PAKISTAN</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41515 DROSH</b>                      | 3534N    | 07147E    | 1465      |           | 857.0        | 1531 Y         | 7.5         | .9     | 3.3            |        | 0             | 0     | -46    | 0        |          |          |
| <b>41530 PESHAWAR</b>                   | 3401N    | 07135E    | 360       |           | 975.1        | 1017.3         | 11.8        | -.7    | 8.1            |        | 0             | 0     | -23    | 1        |          |          |
| <b>41560 PARACHINAR</b>                 | 3352N    | 07005E    | 1726      |           | 827.3        | 1505 Y         | 2.3         | -4.4   | 3.9            |        | 0             | 0     | -33    | 0        |          |          |
| <b>41571 ISLAMABAD AIRPORT</b>          | 3337N    | 07306E    | 508       |           | 958.1        | 1017.7         | 11.9        | .3     | 8.0            |        | 0             | 0     | -37    | 1        |          |          |
| <b>41594 SARGODHA</b>                   | 3203N    | 07240E    | 188       |           | 994.9        | 1017.1         | 13.4        |        | 8.9            |        | 0             | 0     |        | 0        |          |          |
| <b>41598 JHELUM</b>                     | 3256N    | 07343E    | 234       |           | 988.7        | 1016.4         | 13.3        | -.3    | 9.2            |        | 0             | 0     | -30    | 1        |          |          |
| <b>41600 SIALKOT</b>                    | 3230N    | 07432E    | 256       |           | 986.1        | 1016.1         | 13.2        | .4     | 10.5           |        | 1             | 2     | -28    | 0        |          |          |
| <b>41620 ZHOB</b>                       | 3121N    | 06928E    | 1407      |           | 860.4        | 1505 Y         | 9.3         | 1.1    | 2.8            |        | 0             | 0     | -13    | 1        |          |          |
| <b>41624 DERA ISMAIL KHAN</b>           | 3149N    | 07055E    | 173       |           | 996.0        | 1016.4         | 13.8        | .2     | 8.5            |        | 0             | 0     | -10    | 2        |          |          |
| <b>41640 LAHORE CITY</b>                | 3133N    | 07420E    | 215       |           | 990.8        | 1016.2         | 15.3        | 1.1    | 10.6           |        | 0             | 0     | -13    | 2        |          |          |
| <b>41660 QUETTA AIRPORT</b>             | 3015N    | 06653E    | 1589      |           | 845.4        | 1544 Y         | 4.3         | -.8    | 4.5            |        | 1             | 2     | -28    | 3        |          |          |
| <b>41675 MULTAN</b>                     | 3012N    | 07126E    | 123       |           | 1002.0       | 1016.4         | 14.2        | .1     | 9.1            |        | 0             | 0     | -6     | 3        |          |          |
| <b>41685 BARKHAN</b>                    | 2953N    | 06943E    | 1098      |           | 892.3        | 1503 Y         | 12.3        | .1     | 4.7            |        | 1             | 1     | -5     | 0        |          |          |
| <b>41710 NOKKUNDI</b>                   | 2849N    | 06245E    | 683       |           | 940.4        | 1019.3         | 11.0        | -2.2   | 2.2            |        | 0             | 0     | -1     | 3        |          |          |
| <b>41712 DAL BANDIN</b>                 | 2853N    | 06424E    | 850       |           | 923.9        | 1533 Y         | 9.8         | -1.1   | 3.8            |        | 0             | 0     | -7     | 1        |          |          |
| <b>41715 JACOBABAD</b>                  | 2818N    | 06828E    | 56        |           | 1010.9       | 1016.5         | 17.0        | .6     | 10.9           |        | 0             | 0     | -3     | 3        |          |          |
| <b>41718 KHANPUR</b>                    | 2839N    | 07041E    | 88        |           | 1005.6       | 1016.2         | 14.5        | .1     | 10.0           |        | 0             | 0     | -3     | 4        |          |          |
| <b>41739 PANJGUR</b>                    | 2658N    | 06406E    | 981       |           | 906.9        | 1517 Y         | 11.7        | -.4    | 5.1            |        | 1             | 1     | -8     | 3        |          |          |
| <b>41744 KHUZDAR</b>                    | 2750N    | 06638E    | 1232      |           | 878.5        |                | 12.7        | .8     | 4.7            |        | 1             | 2     | -13    | 2        |          |          |
| <b>41749 NAWABSHAH</b>                  | 2615N    | 06822E    | 38        |           | 1012.8       | 1016.2         | 17.7        | 1.3    | 11.6           |        | 0             | 0     | -2     | 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. |
| 41756 JIWANI                     | 2504N    | 06148E    | 57        |           | 1009.3       | 1015.7         | 20.5        | .1     | 13.1           |        | 0             | 0     | -20    | 2        |          |          |
| 41759 PASNI                      | 2516N    | 06329E    | 6         |           | 1016.0       | 1016.7         | 20.8        |        | 10.3           |        | 1             | 2     | -19    | 4        |          |          |
| 41768 CHHOR                      | 2531N    | 06947E    | 6         |           | 1014.3       | 1015.0         | 18.2        | .9     | 12.1           |        | 0             | 0     | -1     | 5        |          |          |
| 41780 KARACHI AIRPORT            | 2454N    | 06708E    | 22        |           |              | 1015.7         | 21.0        | 1.5    | 10.3           |        | 0             | 0     | -4     | 3        |          |          |
| <b>INDIA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 42027 SRINAGAR                   | 3405N    | 07450E    | 1587      |           | 844.6        | 1533 Y         | 4.3         | .9     | 6.5            |        | 4             | 33    | -21    | 3        | 135      |          |
| 42071 AMRITSAR                   | 3138N    | 07452E    | 234       |           | 988.4        | 1016.3         | 4.3         | -8.6   | 6.5            |        | 4             | 33    | 15     | 3        | 135      | 74       |
| 42147 MUKTESHWAR KUMAON          | 2928N    | 07939E    | 2311      |           |              |                | 9.4         | 1.0    | 4.4            |        | 1             | 2     | -27    | 2        |          |          |
| 42165 BIKANER                    | 2800N    | 07318E    | 224       |           | 988.7        | 1015.0         | 17.4        | 1.3    | 9.0            |        | 0             | 0     | -1     | 3        |          |          |
| 42182 NEW DELHI/SAFDARJUNG       | 2835N    | 07712E    | 216       |           | 990.3        | 1015.9         | 15.9        | .2     | 12.5           |        | 01            | 1     | -8     | 2        | 136      | 63       |
| 42261 AGRA                       | 2710N    | 07802E    | 169       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 42295 DARJEELING                 | 2703N    | 08816E    | 2128      |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 42314 DIBRUGARH /MOHANBARI       | 2729N    | 09501E    | 111       |           | 1002.2       | 1015.1         | 18.7        | 1.9    | 16.7           |        | 2             | 37    | 13     | 5        | 178      |          |
| 42339 JODHPUR                    | 2618N    | 07301E    | 224       |           | 991.9        | 1017.8         | 19.3        |        | 9.0            |        | 0             | 0     |        | 1        |          |          |
| 42391 DARBHANGA                  | 2610N    | 08554E    | 49        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 42404 DHUBRI                     | 2601N    | 08959E    | 36        |           | 1010.8       | 1014.9         | 18.1        |        | 17.5           |        | 1             | 1     |        | 5        |          |          |
| 42410 GUWAHATI                   | 2606N    | 09135E    | 54        |           | 1008.7       | 1014.9         | 18.6        | .5     | 18.8           |        | 1             | 1     | -9     | 3        | 164      | 71       |
| 42452 KOTA AERODROME             | 2509N    | 07551E    | 274       |           |              |                | 19.1        | .5     | 11.0           |        | 0             | 0     | -5     | 4        |          |          |
| 42475 ALLAHABAD/BAMHRAULI        | 2527N    | 08144E    | 98        |           | 1004.4       |                | 16.8        | -5     | 14.7           |        | 0             | 0     | -10    | 2        |          |          |
| 42515 CHERRAPUNJI                | 2515N    | 09144E    | 1313      |           | 870.1        | 1510 Y         | 13.3        | .6     | 10.7           |        | 0             | 0     | -29    | 2        |          |          |
| 42587 DALTONGANJ                 | 2403N    | 08404E    | 221       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 42599 DUMKA                      | 2416N    | 08715E    | 149       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 42619 SILCHAR                    | 2445N    | 09248E    | 29        |           | 1010.7       | 1014.1         | 20.1        |        | 19.5           |        | 0             | 0     |        | 3        |          |          |
| 42647 AHMADABAD                  | 2304N    | 07238E    | 55        |           | 1007.5       | 1013.6         | 22.3        | 1.0    | 13.5           |        | 0             | 0     | -5     | 4        | 278      | 97       |
| 42671 SAGAR                      | 2351N    | 07845E    | 551       |           | 951.9        | 1014.4         | 19.7        | .9     | 10.4           |        | 0             | 0     | -15    | 2        |          |          |
| 42731 DWARKA                     | 2222N    | 06905E    | 11        |           | 1012.5       | 1013.8         | 23.3        | .5     | 17.7           |        | 0             | 0     | -1     |          |          |          |
| 42754 INDORE                     | 2243N    | 07548E    | 567       |           | 949.5        | 1013.3         | 20.3        | 1.5    | 11.7           |        | 1             | 4     | -3     | 4        | 282      | 100      |
| 42807 CALCUTTA/ALIPORE           | 2232N    | 08820E    | 6         |           | 1013.6       | 1014.4         | 20.9        | .1     | 18.3           |        | 0             | 0     | -17    | 3        | 113      | 56       |
| 42867 NAGPUR SONEGAON            | 2106N    | 07903E    | 310       |           | 978.3        | 1013.6         | 20.9        | .5     | 13.9           |        | 0             | 0     | -19    | 2        | 273      | 102      |
| 42909 VERAVAL                    | 2054N    | 07022E    | 8         |           | 1011.9       | 1012.8         | 24.5        | 1.3    | 15.1           |        | 0             | 0     | 0      | 5        |          |          |
| 42933 AKOLA                      | 2042N    | 07702E    | 282       |           | 981.2        | 1013.3         | 21.9        | .4     | 12.5           |        | 0             | 0     | -10    | 2        |          |          |
| 42971 BHUBANESHWAR               | 2015N    | 08550E    | 46        |           | 1008.5       | 1013.9         | 22.9        | .9     | 17.1           |        | 0             | 0     | -9     | 3        | 135      | 53       |
| 43041 JAGDALPUR                  | 1905N    | 08202E    | 553       |           | 951.7        | 1013.9         | 19.9        | .4     | 14.7           |        | 0             | T     | -4     | 3        |          |          |
| 43057 BOMBAY / COLABA            | 1854N    | 07249E    | 11        |           | 1009.9       | 1011.1         | 27.1        | .8     | 22.7           |        | 0             | 0     | -2     | 4        | 200      | 79       |
| 43063 PUNE                       | 1832N    | 07351E    | 559       |           | 949.5        | 1012.1         | 21.3        | 1.1    | 15.1           |        | 0             | 0     | -4     | 3        | 263      | 91       |
| 43128 HYDERABAD AIRPORT          | 1727N    | 07828E    | 545       |           | 952.1        | 1012.3         | 23.2        | 1.6    | 16.5           |        | 0             | 0     | -3     | 3        | 228      | 87       |
| 43150 CWC VISHAKHAPATNAM/WALTAIR | 1742N    | 08318E    | 66        |           | 1005.7       | 1013.1         | 25.6        |        | 21.9           |        | 3             | 32    |        |          | 194      | 75       |
| 43185 MACHILIPATNAM/FRANCHPET    | 1612N    | 08109E    | 3         |           | 1011.7       | 1012.1         | 26.0        | 1.7    | 24.2           |        | 1             | 4     | -17    | 2        |          |          |
| 43192 GOA/PANJIM                 | 1529N    | 07349E    | 60        |           | 1003.7       | 1010.5         | 27.2        | .3     | 23.3           |        | 0             | 0     | -2     | 4        | 284      | 95       |
| 43198 BELGAUM/SAMBRE             | 1511N    | 07437E    | 758       |           | 926.9        |                | 21.4        | -4     | 14.8           |        | 0             | 0     | -4     | 3        |          |          |
| 43279 CHENNAI/MINAMBAKKAM        | 1300N    | 08011E    | 16        |           | 1010.1       | 1011.8         | 25.7        | .7     | 24.4           |        | 6             | 205   | 53     | 4        | 160      | 78       |
| 43284 BAJPE                      | 1255N    | 07453E    | 102       |           | 997.8        | 1009.3         | 27.3        |        | 22.0           |        | 0             | 0     |        |          | 278      | 105      |
| 43295 BANGALORE                  | 1258N    | 07735E    | 921       |           | 909.6        | 1503 Y         | 21.8        | .7     | 15.7           |        | 1             | 7     | -12    | 2        | 190      | 90       |
| 43314 KOZHIKODE                  | 1115N    | 07547E    | 5         |           | 1009.1       | 1009.7         | 28.5        | 1.3    | 26.6           |        | 0             | 0     | -25    | 1        |          |          |
| 43333 PORT BLAIR                 | 1140N    | 09243E    | 79        |           | 1001.3       | 1010.2         | 27.6        | 1.9    | 28.6           |        | 12            | 241   | 84     | 4        | 186      | 78       |

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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>43363 PAMBAN</b>       | 0916N    | 07918E    | 11        |           | 1008.9       | 1010.1         | 26.5        | .2     | 28.6           |        | 11            | 219   | 7      | 4        |          |          |
| <b>43369 MINICOY</b>      | 0818N    | 07309E    | 2         |           | 1009.2       | 1009.4         | 28.1        | .6     | 30.0           |        | 3             | 35    | -32    | 2        | 239      | 96       |
| 43371 THIRUVANANTHAPURAM  | 0829N    | 07657E    | 64        |           | 1002.2       | 1009.4         | 27.4        | .3     | 27.2           |        | 7             | 278   | 213    | 5        | 146      | 68       |
| <b>SRI LANKA</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 43424 PUTTALAM            | 0802N    | 07950E    | 2         |           | 1008.5       | 1008.7         | 26.1        | .1     | 28.4           | 1.7    | 11            | 60    | -78    |          |          |          |
| 43441 KURUNEGALA          | 0728N    | 08022E    | 116       |           | 995.7        | 1008.6         | 25.6        | -.3    | 23.3           | -2.8   | 9             | 72    | -67    |          |          |          |
| 43466 COLOMBO             | 0654N    | 07952E    | 7         |           | 1007.7       | 1008.9         | 27.1        | .5     | 27.8           | .7     | 9             | 45    | -123   |          | 179      | 82       |
| <b>43473 NUWARA ELIYA</b> | 0658N    | 08046E    | 1880      |           | 812.1        |                | 15.1        | -.1    | 14.4           | .1     | 19            | 117   | -77    |          |          |          |
| <b>43497 HAMBANTOTA</b>   | 0607N    | 08108E    | 20        |           | 1006.7       | 1008.4         | 27.2        | .7     | 30.0           | 2.5    | 11            | 82    | -36    |          |          |          |
| <b>MONGOLIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 44203 RINCHINLHUMBE       | 5107N    | 09940E    | 1583      |           | 847.6        | 1055.2         | -30.0       | -.1    | .5             | .0     |               | 3     | 1      | 4        |          |          |
| 44207 HATGAL              | 5026N    | 10000E    | 1669      |           | 835.6        | 1045.4         | -23.3       | -2.6   | .7             | -2     |               | 2     | 1      | 4        |          |          |
| <b>44212 ULAANGOM</b>     | 4948N    | 09205E    | 940       |           | 926.4        | 1051.9         | -23.5       | 2.0    | .9             | .2     |               | 3     | -1     | 2        | 49       | 48       |
| 44213 BARUUNTURUUN        | 4939N    | 09424E    | 1232      |           | 889.2        | 1053.6         | -25.2       | 1.4    | .4             | -.4    | 1             | 6     | 0      | 3        |          |          |
| 44214 ULGI                | 4856N    | 08956E    | 1716      |           | 833.4        | 1043.6         | -18.2       | -3.2   | 9.6            | 8.0    | 2             | 12    | 11     | 6        |          |          |
| 44215 OMNO-GOBI           | 4901N    | 09143E    | 1590      |           | 847.9        | 1049.1         | -22.9       | -2.6   | .8             | -.3    | 2             | 3     | 2      | 5        |          |          |
| <b>44218 HOVD</b>         | 4801N    | 09134E    | 1406      |           | 868.5        | 1047.1         | -20.7       | -.7    | 1.0            | -.1    |               | 2     | 1      | 4        | 143      | 95       |
| 44225 TOSONTSENDEL        | 4844N    | 09812E    | 1724      |           | 834.3        | 1058.0         | -29.6       | -1.4   |                |        | 2             | 6     | 0      | 4        |          |          |
| 44230 TARIALAN            | 4934N    | 10200E    | 1236      |           | 886.1        | 1045.0         | -21.4       | -3.6   | .9             | -.2    | 1             | 3     | 2      | 4        |          |          |
| <b>44231 MUREN</b>        | 4938N    | 10010E    | 1285      |           | 879.4        | 1044.8         | -22.0       | -2.2   | .6             | -.4    |               | 2     | 1      | 4        | 125      | 81       |
| 44232 HUTAG               | 4923N    | 10240E    | 938       |           | 919.2        | 1045.7         | -25.6       | -5.2   | 6.7            | 5.6    |               | 2     | 0      | 3        |          |          |
| 44237 ERDENEMANDAL        | 4832N    | 10120E    | 1510      |           | 853.5        | 1041.9         | -19.4       | -2.9   | 6.9            | 5.5    | 1             | 2     | 0      | 3        |          |          |
| <b>44239 BULGAN</b>       | 4848N    | 10330E    | 1209      |           | 885.3        | 1041.1         | -21.3       | -3.5   | .8             | -.4    |               | 3     | 2      | 4        |          |          |
| 44241 BARUUNHARAA         | 4855N    | 10600E    | 811       |           | 934.4        | 1042.2         | -24.0       | -3.2   | .8             | -.2    | 1             | 3     | -2     | 2        |          |          |
| 44256 DASHBALBAR          | 4933N    | 11420E    | 706       |           | 940.5        | 1034.0         | -21.2       | -3.5   | 1.0            | -.2    | 1             | 4     | 2      | 4        |          |          |
| <b>44259 CHOIBALSAN</b>   | 4805N    | 11430E    | 747       |           | 937.2        | 1035.7         | -20.5       | -2.9   | .9             | -.4    | 0             | 2     | 0      | 3        |          |          |
| 44265 BAITAG              | 4607N    | 09128E    | 1186      |           | 892.4        | 1043.3         | -18.4       | -.4    | 12.0           | 10.6   | 1             | 3     | 0      | 3        |          |          |
| <b>44272 ULIATAI</b>      | 4745N    | 09651E    | 1761      |           | 827.4        | 1045.0         | -21.8       | -1.5   | .8             | -.2    | 1             | 4     | 1      | 4        | 164      | 99       |
| 44275 BAYANBULAG          | 4650N    | 09805E    | 2255      |           | 775.6        | 1047.1         | -22.4       | -2.3   | 1.0            | -.1    | 1             | 2     | 1      | 5        |          |          |
| 44277 ALTAI               | 4624N    | 09615E    | 2182      |           | 783.8        | 1048.3         | -16.3       | -.5    | 1.2            | .0     |               | 2     | 1      | 4        |          |          |
| 44282 TSETSERLEG          | 4727N    | 10120E    | 1693      |           | 833.5        | 1037.8         | -13.3       | -.4    | 1.0            | -.4    | 01            | 1     | -1     | 1        | 171      | 99       |
| 44284 GALUUT              | 4642N    | 10000E    | 2126      |           | 788.8        | 1051.2         | -25.4       | -3.3   | 6.1            | 5.3    | 01            | 1     | 0      | 4        |          |          |
| 44285 HUJIRT              | 4654N    | 10240E    | 1662      |           | 836.2        | 1045.1         | -20.4       | -1.9   | 1.0            | -.2    | 0             | T     | -2     | 1        |          |          |
| 44287 BAYANHONGOR         | 4608N    | 10040E    | 1860      |           | 816.0        | 1040.6         | -17.4       | -.4    | 1.0            | -.1    | 1             | 2     | 1      | 4        | 168      | 82       |
| <b>44288 ARVAIHEER</b>    | 4616N    | 10240E    | 1813      |           | 819.9        | 1039.5         | -12.9       | -.1    | 1.1            | -.3    | 0             | T     | -1     | 1        |          |          |
| 44292 ULAANBAATAR         | 4755N    | 10650E    | 1307      |           | 876.0        | 1043.9         | -22.1       | -.2    | .8             | -.2    | 1             | 2     | 0      | 4        | 160      | 103      |
| 44294 MAANTI              | 4718N    | 10720E    | 1430      |           | 860.8        | 1044.0         | -24.1       | -4.0   | .7             | -.4    | 01            | 1     | 0      | 4        |          |          |
| 44298 CHOIR               | 4627N    | 10810E    | 1287      |           | 876.3        | 1039.8         | -21.2       | -2.9   | 11.3           | 10.0   | 2             | 3     | 2      | 4        |          |          |
| 44302 BAYAN-OVOO          | 4747N    | 11200E    | 926       |           | 916.8        | 1039.3         | -21.7       | -3.6   | .8             | -.4    | 01            | 1     | -2     | 2        |          |          |
| 44304 UNDERKHAAN          | 4719N    | 11030E    | 1035      |           | 905.2        | 1040.3         | -23.8       | -4.0   | .7             | -.4    | 1             | 2     | 0      | 3        |          |          |
| 44305 BARUUN-URT          | 4641N    | 11310E    | 982       |           | 910.6        | 1039.0         | -20.5       | -1.7   | 9.3            | 8.1    | 01            | 1     | 0      | 2        |          |          |
| 44313 KHALKH-GOL          | 4737N    | 11830E    | 689       |           | 944.4        | 1036.7         | -22.4       | -2.2   | 8.3            | 7.2    | 2             | 4     | 1      | 4        |          |          |
| 44314 MATAD               | 4710N    | 11530E    | 907       |           | 919.2        | 1036.3         | -17.2       | .5     | 1.2            | -.2    | 01            | 1     | -1     | 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>44317 ERDENETSAGAAN</b> | 4554N    | 11520E    | 1076      |           | 898.7        | 1036.8         | -17.2       |        | 1.4            |        | 0             | 3     |        | 3        |          |          |
| 44336 SAIKHAN-OVOO         | 4527N    | 10350E    | 1317      |           | 874.9        | 1042.8         | -19.7       | -2.7   | 1.0            | -2     | 0             | T     | -1     | 1        |          |          |
| <b>44341 MANDALGOBI</b>    | 4546N    | 10610E    | 1396      |           | 865.1        | 1040.2         | -17.6       | -1.8   | 1.2            | -2     | 1             | 1     | 0      | 4        |          |          |
| 44347 TSOGT-OVOO           | 4425N    | 10510E    | 1298      |           | 877.0        | 1038.8         | -14.8       | -.4    | 1.4            | -1     | 0             | T     | -1     | 1        |          |          |
| 44352 BAYANDELGER          | 4544N    | 11220E    | 1101      |           | 896.7        | 1037.5         | -18.7       | -2.2   | 1.2            | -2     | 1             | 1     | 0      | 3        |          |          |
| 44354 SAINSHAND            | 4454N    | 11000E    | 938       |           | 917.1        | 1039.0         | -19.9       | -4.3   | 1.0            | -5     | 0             | 1     | 0      | 3        |          |          |
| 44358 ZAMYN-UUD            | 4344N    | 11150E    | 965       |           | 915.6        | 1041.0         | -19.1       | -3.2   | 1.2            | -5     | 1             | 2     | 1      | 4        |          |          |
| <b>44373 DALANZADGAD</b>   | 4335N    | 10420E    | 1465      |           | 858.8        | 1039.4         | -14.1       | -1.5   | 1.4            | -1     | 3             | 5     | 4      | 5        | 211      | 95       |
| <b>HONG KONG, CHINA</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 45004 KOWLOON              | 2219N    | 11410E    | 66        |           | 1013.0       | 1020.8         | 16.6        | -1.2   | 11.0           | -2.6   | 2             | 3     | -24    | 3        | 194      | 107      |
| <b>MACAO, CHINA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 45011 TAIPA GRANDE         | 2210N    | 11330E    | 114       |           | 1007.5       | 1021.1         | 15.6        |        | 10.9           |        | 01            | 1     |        | 2        | 179      | 95       |
| <b>REPUBLIC OF KOREA</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47101 CHUNCHEON            | 3754N    | 12740E    | 78        |           | 1017.8       | 1027.8         | -3.0        | -.9    | 3.5            | -.5    | 3             | 17    | -2     | 3        | 153      | 102      |
| 47105 GANGNEUNG            | 3745N    | 12850E    | 26        |           | 1021.7       | 1025.0         | 1.5         | -1.3   | 3.4            | -.8    | 6             | 105   | 67     | 5        | 190      | 102      |
| 47108 SEOUL                | 3734N    | 12650E    | 86        |           | 1016.7       | 1027.6         | -.9         | -.5    | 3.1            | -1.2   | 2             | 7     | -14    | 1        | 196      | 133      |
| 47115 ULLEUNGDO            | 3729N    | 13050E    | 221       |           | 995.6        | 1023.3         | 2.5         | -1.5   | 5.0            | -.7    | 19            | 170   | 70     | 5        | 70       | 72       |
| 47133 DAEJEON              | 3622N    | 12720E    | 72        |           | 1019.1       | 1027.9         | .4          | .2     | 3.9            | -.8    | 2             | 12    | -18    | 1        | 151      | 104      |
| 47138 POHANG               | 3602N    | 12920E    | 4         |           | 1025.0       | 1025.3         | 3.7         | .3     | 4.0            | -.6    | 3             | 37    | 11     | 4        | 186      | 98       |
| 47159 BUSAN                | 3506N    | 12900E    | 70        |           | 1016.4       | 1025.1         | 4.4         | -.6    | 3.7            | -1.4   | 3             | 7     | -16    | 2        | 222      | 110      |
| 47165 MOKPO                | 3449N    | 12620E    | 39        |           | 1022.5       | 1027.3         | 2.8         | -1.4   | 5.0            | -1.1   | 4             | 14    | -13    | 2        | 123      | 92       |
| 47168 YEOSU                | 3444N    | 12740E    | 67        |           | 1017.7       | 1025.8         | 3.8         | -.6    | 3.8            | -1.6   | 3             | 5     | -16    | 2        | 198      | 100      |
| 47184 JEJU                 | 3331N    | 12630E    | 23        |           | 1024.3       | 1026.9         | 7.1         | -.5    | 6.2            | -1.3   | 11            | 60    | 11     | 4        | 45       | 53       |
| <b>JAPAN</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47401 WAKKANAI             | 4525N    | 14140E    | 12        |           | 1010.7       | 1012.2         | -2.3        | -.2    | 3.9            | .1     | 26            | 187   | 65     | 6        | 33       | 118      |
| 47407 ASAHIKAWA            | 4345N    | 14220E    | 140       |           | 996.3        | 1014.2         | -5.4        | -1.2   | 3.4            | -.4    | 23            | 108   | 13     | 4        | 74       | 132      |
| 47409 ABASHIRI             | 4401N    | 14410E    | 44        |           | 1006.6       | 1012.2         | -3.0        | -.5    | 3.5            | -.3    | 10            | 59    | 8      | 3        | 137      | 128      |
| 47412 SAPPORO              | 4304N    | 14120E    | 26        |           | 1011.0       | 1014.3         | -2.0        | -.6    | 3.7            | -.4    | 16            | 107   | 7      | 3        | 91       | 107      |
| 47418 KUSHIRO              | 4259N    | 14420E    | 40        |           | 1007.8       | 1012.8         | -2.5        | -.5    | 3.3            | -.6    | 7             | 44    | -1     | 3        | 206      | 129      |
| 47420 NEMURO               | 4320N    | 14530E    | 39        |           | 1008.2       | 1011.7         | -1.1        | -.5    | 3.7            | -.7    | 6             | 51    | 2      | 4        | 179      | 131      |
| 47421 SUTTSU               | 4248N    | 14010E    | 38        |           | 1010.6       | 1015.1         | -1.4        | -1.1   | 3.9            | -.5    | 24            | 157   | 39     | 5        | 20       | 67       |
| 47426 URAKAWA              | 4210N    | 14240E    | 37        |           | 1009.1       | 1013.9         | -1.2        | -1.3   | 3.7            | -.6    | 11            | 44    | -20    | 3        | 114      | 106      |
| 47430 HAKODATE             | 4149N    | 14040E    | 44        |           | 1010.0       | 1015.6         | -1.4        | -1.0   | 4.2            | -.4    | 19            | 98    | 18     | 4        | 97       | 110      |
| 47570 WAKAMATSU            | 3729N    | 13950E    | 217       |           | 992.9        | 1019.5         | 1.5         | -.1    | 5.7            | -.1    | 12            | 50    | -40    | 1        | 67       | 96       |
| 47575 AOMORI               | 4049N    | 14040E    | 4         |           | 1016.2       | 1016.7         | .0          | -1.0   | 5.0            | -.2    | 23            | 211   | 50     | 5        | 32       | 62       |
| 47582 AKITA                | 3943N    | 14000E    | 22        |           | 1015.4       | 1018.1         | 1.8         | -.7    | 5.0            | -.5    | 23            | 151   | -21    | 3        | 31       | 66       |
| 47590 SENDAI               | 3816N    | 14050E    | 44        |           | 1012.2       | 1017.7         | 3.4         | -.6    | 5.1            | -.4    | 2             | 46    | 11     | 5        | 151      | 108      |
| 47600 WAJIMA               | 3724N    | 13650E    | 15        |           | 1019.7       | 1020.5         | 4.7         | -.8    | 6.6            | -.5    | 26            | 280   | 1      | 4        | 31       | 63       |
| 47605 KANAZAWA             | 3635N    | 13630E    | 34        |           | 1016.5       | 1020.7         | 5.3         | -.7    | 7.0            | -.2    | 25            | 364   | 59     | 5        | 52       | 79       |

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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. |
| 47624 MAEBASHI                  | 3624N    | 13900E    | 114       |           | 1004.3       | 1018.5         | 4.8         | -7     | 4.9            | -3     | 5             | 34    | 17     | 4        | 203      | 107      |
| 47636 NAGOYA                    | 3510N    | 13650E    | 56        |           | 1013.0       | 1020.0         | 6.7         | .5     | 6.7            | .2     | 4             | 24    | -16    | 2        | 176      | 109      |
| 47648 CHOSHI                    | 3544N    | 14050E    | 28        |           | 1013.9       | 1017.4         | 8.1         | -5     | 7.2            | -3     | 7             | 65    | -11    | 3        | 178      | 112      |
| 47655 OMAEZAKI                  | 3436N    | 13810E    | 47        |           | 1012.0       | 1017.7         | 8.6         | -1     | 6.9            | -4     | 4             | 29    | -41    | 2        | 206      | 109      |
| 47662 TOKYO                     | 3541N    | 13940E    | 36        |           | 1013.3       | 1017.8         | 7.5         | -4     | 5.1            | -7     | 7             | 60    | 15     | 4        | 188      | 114      |
| 47675 OSHIMA                    | 3445N    | 13920E    | 80        |           | 1007.9       | 1017.1         | 9.0         | .2     | 8.1            | .4     | 6             | 113   | 6      | 3        | 144      | 99       |
| 47678 HACHIJOJIMA               | 3307N    | 13940E    | 156       |           | 998.6        | 1017.4         | 12.0        | -8     | 10.0           | -3     | 16            | 264   | 91     | 5        | 82       | 80       |
| 47740 SAIGO                     | 3612N    | 13320E    | 32        |           | 1018.2       | 1021.7         | 5.9         | -7     | 7.1            | -1     | 23            | 209   | 54     | 5        | 60       | 68       |
| 47741 MATSUE                    | 3527N    | 13300E    | 23        |           | 1019.4       | 1022.2         | 6.2         | -2     | 7.6            | .1     | 21            | 214   | 77     | 5        | 54       | 64       |
| 47746 TOTTORI                   | 3529N    | 13410E    | 16        |           | 1020.2       | 1022.2         | 5.6         | -9     | 7.2            | .1     | 21            | 320   | 149    | 5        | 45       | 54       |
| 47750 MAIZURU                   | 3527N    | 13510E    | 23        |           | 1018.7       | 1021.5         | 5.4         | -4     | 7.7            | .4     | 19            | 220   | 113    | 5        | 61       | 70       |
| 47772 OSAKA                     | 3441N    | 13530E    | 83        |           | 1011.1       | 1021.3         | 8.1         | .2     | 6.5            | -3     | 3             | 12    | -22    | 1        | 161      | 114      |
| 47778 SHIONOMISAKI              | 3327N    | 13540E    | 76        |           | 1011.5       | 1019.9         | 9.9         | -1     | 7.1            | -5     | 4             | 43    | -45    | 2        | 212      | 116      |
| 47800 IZUHARA                   | 3412N    | 12910E    | 19        |           | 1024.0       | 1024.5         | 6.8         | -4     | 6.5            | -4     | 5             | 41    | -13    | 3        | 160      | 113      |
| 47807 FUKUOKA                   | 3335N    | 13020E    | 15        |           | 1022.1       | 1024.0         | 8.5         | .3     | 6.9            | -5     | 5             | 38    | -22    | 2        | 97       | 93       |
| 47815 OITA                      | 3314N    | 13130E    | 13        |           | 1021.7       | 1023.3         | 8.0         | .3     | 6.5            | -7     | 3             | 61    | 29     | 5        | 155      | 107      |
| 47817 NAGASAKI                  | 3244N    | 12950E    | 36        |           | 1019.4       | 1023.9         | 8.5         | -3     | 7.3            | -7     | 5             | 29    | -37    | 1        | 91       | 86       |
| 47827 KAGOSHIMA                 | 3133N    | 13030E    | 32        |           | 1018.9       | 1022.8         | 10.1        | .9     | 8.2            | -4     | 5             | 50    | -20    | 3        | 151      | 107      |
| 47830 MIYAZAKI                  | 3156N    | 13120E    | 15        |           | 1020.5       | 1022.4         | 8.5         | -2     | 7.6            | -6     | 3             | 63    | 13     | 4        | 215      | 119      |
| 47843 FUKUE                     | 3242N    | 12850E    | 27        |           | 1021.1       | 1024.4         | 9.3         | .2     | 7.5            | -8     | 8             | 59    | -40    | 2        | 66       | 73       |
| 47887 MATSUYAMA                 | 3351N    | 13240E    | 34        |           | 1018.4       | 1022.7         | 7.9         | .2     | 6.4            | -7     | 4             | 36    | -2     | 3        | 129      | 99       |
| 47891 TAKAMATSU                 | 3419N    | 13400E    | 14        |           | 1020.5       | 1022.2         | 7.9         | .8     | 6.6            | -3     | 4             | 26    | -6     | 2        | 144      | 97       |
| 47909 NAZE                      | 2823N    | 12930E    | 8         |           | 1020.5       | 1021.5         | 16.0        | -1     | 13.4           | .5     | 17            | 153   | 0      | 3        | 37       | 51       |
| 47918 ISHIGAKIJIMA              | 2420N    | 12410E    | 11        |           | 1018.1       | 1019.8         | 19.7        | .3     | 17.4           | .6     | 22            | 162   | 29     | 4        | 47       | 49       |
| 47927 MIYAKOJIMA                | 2448N    | 12510E    | 42        |           | 1015.2       | 1020.1         | 19.4        | .4     | 17.2           | .9     | 18            | 139   | -13    | 4        | 57       | 59       |
| 47936 NAHA                      | 2612N    | 12740E    | 28        |           | 1014.7       | 1020.6         | 18.6        | .6     | 15.0           | .5     | 13            | 71    | -52    | 2        | 70       | 65       |
| 47945 MINAMIDAITOJIMA           | 2550N    | 13110E    | 21        |           | 1016.9       | 1019.4         | 19.5        | .5     | 16.2           | .5     | 8             | 81    | -39    | 3        | 74       | 70       |
| 47971 CHICHIJIMA                | 2706N    | 14210E    | 8         |           | 1016.8       | 1017.8         | 20.1        | .2     | 17.0           | .5     | 11            | 94    | -18    | 3        | 88       | 73       |
| 47991 MINAMITORISHIMA           | 2417N    | 15350E    | 9         |           | 1015.2       | 1016.2         | 25.0        | 1.0    | 24.0           | 1.2    | 6             | 24    | -77    | 1        | 214      | 127      |
| <b>THAILAND</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48327 CHIANG MAI                | 1847N    | 09859E    | 314       |           | 979.1        | 1014.9         | 23.1        | 2.1    | 20.0           | 1.6    | 0             | T     | -20    | 2        | 232      | 90       |
| 48354 UDON THANI                | 1723N    | 10240E    | 178       |           | 994.6        | 1015.3         | 21.8        | -3     | 16.9           | -1.0   | 0             | 0     | -3     | 4        |          |          |
| 48378 PHITSANULOK               | 1647N    | 10010E    | 46        |           | 1008.3       | 1013.6         | 24.4        | .4     | 21.4           | 1.2    | 0             | T     | -6     | 3        | 277      | 104      |
| <b>48400 NAKHON SAWAN</b>       | 1548N    | 10010E    | 35        |           | 1009.2       | 1013.3         | 24.5        | -2     | 22.1           | 1.2    | 1             | 5     | -2     | 4        | 265      | 99       |
| 48431 NAKHON RATCHASIMA         | 1458N    | 10200E    | 187       |           | 992.6        | 1014.1         | 23.1        | .3     | 18.8           | -2     | 0             | T     | -4     | 3        |          |          |
| 48455 BANGKOK                   | 1344N    | 10030E    | 4         |           | 1011.9       | 1012.4         | 26.8        | 1.2    | 21.5           | -1.7   | 0             | T     | -10    | 3        | 234      | 89       |
| <b>48462 ARANYAPRATHET</b>      | 1342N    | 10230E    | 49        |           | 1007.2       | 1012.8         | 25.2        | .4     | 20.9           | -4     | 0             | T     | -7     | 3        |          |          |
| 48480 CHANTHA BURI              | 1237N    | 10200E    | 4         |           | 1010.6       | 1011.0         | 26.0        | .8     | 20.6           | -1.6   | 0             | T     | -12    | 2        | 230      | 82       |
| <b>48500 PRACHUAP KHIRIKHAN</b> | 1150N    | 09950E    | 5         |           | 1010.6       | 1011.3         | 25.9        | .9     | 22.8           | -4     | 4             | 69    | 34     | 5        |          |          |
| 48517 CHUMPHON                  | 1029N    | 09911E    | 6         |           | 1010.2       | 1010.9         | 25.6        | .6     | 25.6           | -2     | 5             | 87    | -31    | 2        |          |          |
| <b>48568 SONGKHLA</b>           | 0712N    | 10030E    | 7         |           | 1009.3       | 1010.1         | 26.7        | .0     | 28.8           | .6     | 23            | 736   | 332    | 6        | 94       | 52       |
| <b>LAO PDR</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48930 LUANG-PRABANG             | 1953N    | 10200E    | 305       |           | 987.1        | 1017.1         | 20.8        | 2.2    | 17.2           | -7     | 0             | 0     | -10    | 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. |
| 48938 SAYABOURY   | 1914N    | 10140E    | 326       |           | 981.9        | 1008.4         | 20.8        |        | 18.5           |        | 3             | 29    |        | 4        | 158      |          |
| 48940 VIENTIANE   | 1757N    | 10230E    | 171       |           | 994.5        | 1014.3         | 22.0        | .3     | 17.9           | -3     | 0             | 0     | -2     | 0        | 243      | 95       |
| 48946 THAKHEK     | 1723N    | 10430E    | 152       |           | 998.0        | 1014.6         | 21.9        |        | 21.9           |        | 0             | 0     |        | 0        | 232      |          |
| 48947 SAVANNAKHET | 1633N    | 10430E    | 145       |           | 996.9        | 1017.4         | 21.0        | 1.0    | 17.8           | .9     | 0             | 0     | -1     | 0        | 236      |          |
| 48948 SENO        | 1640N    | 10500E    | 185       |           | 993.7        | 1015.4         | 20.7        |        | 15.4           |        | 0             | 0     |        | 0        | 222      |          |
| 48955 PAKSE       | 1507N    | 10510E    | 102       |           | 998.1        | 1009.8         | 26.8        | 4.4    | 23.5           | 4.6    | 3             | 27    | 25     | 4        | 244      | 95       |
| <b>CHINA</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 50745 QIQIHAR     | 4723N    | 12350E    | 148       |           | 1008.8       | 1028.9         | -15.8       | .4     | 1.2            | .0     | 0             | T     | -2     | 1        | 198      | 116      |
| 51076 ALTAY       | 4744N    | 08805E    | 737       |           | 944.5        | 1040.0         | -13.5       | -.1    | 1.7            | -.2    | 5             | 15    | 0      | 3        | 160      | 119      |
| 51431 YINING      | 4357N    | 08120E    | 664       |           | 950.7        | 1034.6         | -6.5        | -1.4   | 3.2            | -3     | 6             | 22    | 3      | 2        | 96       | 68       |
| 51463 WU LU MU QI | 4348N    | 08739E    | 947       |           | 920.9        | 1038.4         | -9.1        |        | 2.7            |        | 6             | 12    |        | 3        | 60       | 70       |
| 51709 KASHI       | 3928N    | 07559E    | 1291      |           | 879.9        | 1035.0         | -4.7        | -.8    | 3.3            | .1     | 3             | 25    | 24     | 6        | 141      | 89       |
| 51777 RUOQIANG    | 3902N    | 08810E    | 889       |           | 926.0        | 1036.6         | -6.3        | -.1    | 2.4            | .2     | 0             | T     | -1     | 4        | 206      | 102      |
| 51828 HOTAN       | 3708N    | 07956E    | 1375      |           | 870.1        | 1033.5         | -3.3        | .1     | 3.1            | .5     |               | 4     | 3      | 5        | 163      | 89       |
| 52203 HAMI        | 4249N    | 09331E    | 739       |           | 943.3        | 1036.7         | -7.7        | .6     | 2.0            | .0     | 0             | 0     | -1     | 3        | 229      | 114      |
| 52533 JIUQUAN     | 3946N    | 09829E    | 1478      |           | 859.8        | 1037.5         | -7.9        | -.2    | 2.0            | .1     | 1             | 1     | 0      | 4        | 225      | 107      |
| 52836 DOULAN      | 3618N    | 09806E    | 3190      |           | 690.1        |                | -8.9        | -.1    | 1.0            | -.1    | 0             | T     | -3     | 1        | 251      | 107      |
| 53068 ERENHOT     | 4339N    | 11200E    | 966       |           | 915.0        | 1040.1         | -17.9       | -2.2   | 1.2            | .0     | 01            | 1     | 0      | 4        | 199      | 97       |
| 53614 YINCHUAN    | 3828N    | 10610E    | 1112      |           | 900.0        | 1035.8         | -5.7        | .6     | 2.9            | .5     | 0             | T     | -1     | 4        | 123      | 57       |
| 53772 TAIYUAN     | 3747N    | 11230E    | 779       |           | 937.6        | 1034.1         | -3.2        | 1.2    | 3.0            | .5     | 0             | T     | -3     | 3        | 111      | 64       |
| 54292 YANJI       | 4252N    | 12930E    | 178       |           | 994.2        | 1028.4         | -12.3       | -.8    | 1.3            | -.4    | 0             | T     | -5     | 1        | 177      | 121      |
| 54342 SHENYANG    | 4144N    | 12331E    | 43        |           | 1024.3       | 1030.9         | -10.2       | -2.3   | 1.9            | -3     | 1             | 1     | -7     | 1        | 222      | 147      |
| 54511 BEIJING     | 3956N    | 11610E    | 55        |           | 1027.2       | 1031.4         | -1.0        | 1.2    | 2.7            | .1     | 1             | 3     | 1      | 4        | 174      | 93       |
| 54857 QINGDAO     | 3604N    | 12020E    | 77        |           | 1021.5       | 1031.1         | 1.8         | -.2    | 4.6            | .0     | 2             | 21    | 12     | 4        | 134      | 74       |
| 56137 QAMDO       | 3109N    | 09710E    | 3307      |           | 678.5        | 1014.6         | .2          | 2.4    | 1.5            | -.4    | 0             | T     | -2     | 2        | 218      | 107      |
| 56571 XICHANG     | 2754N    | 10210E    | 1599      |           | 841.1        |                | 9.1         | -.6    | 6.6            | -.5    | 1             | 3     | -3     | 3        | 141      | 67       |
| 56739 TENGCHONG   | 2507N    | 09829E    | 1649      |           | 836.0        |                | 10.6        | 1.9    | 8.7            | .6     | 0             | T     | -21    | 1        | 245      | 101      |
| 56778 KUNMING     | 2501N    | 10240E    | 1892      |           | 813.0        |                | 8.8         | .9     | 8.7            | 1.1    | 4             | 14    | 1      | 4        | 109      | 53       |
| 56985 MENGZI      | 2323N    | 10320E    | 1302      |           | 873.5        | 1019.3         | 11.8        |        | 10.1           |        | 1             | 4     |        | 2        | 149      | 75       |
| 57083 ZHENGZHOU   | 3443N    | 11330E    | 111       |           | 1017.5       | 1031.7         | 2.2         | .4     | 4.3            | .2     | 2             | 6     | -3     | 2        | 96       | 60       |
| 57461 YICHANG     | 3042N    | 11110E    | 134       |           | 1014.2       | 1031.0         | 6.7         | -.2    | 6.8            | -.5    | 3             | 14    | -7     | 3        | 71       | 75       |
| 57745 ZHANJIANG   | 2727N    | 10940E    | 273       |           | 995.5        | 1029.3         | 6.7         | -.3    | 6.2            | -1.6   | 2             | 8     | -25    | 1        | 48       | 63       |
| 57993 GANZHOU     | 2552N    | 11500E    | 138       |           | 1009.7       | 1026.8         | 8.9         | -1.1   | 7.5            | -1.5   | 3             | 15    | -23    | 2        | 158      | 111      |
| 58362 SHANGHAI    | 3124N    | 12120E    | 8         |           | 1028.5       | 1029.4         | 6.5         |        | 6.9            |        | 6             | 28    |        | 3        | 126      | 90       |
| 58606 NANCHANG    | 2836N    | 11550E    | 50        |           | 1022.7       | 1028.6         | 7.4         | -.1    | 6.3            | -1.2   | 4             | 21    | -19    | 2        | 112      | 82       |
| 59287 GUANGZHOU   | 2310N    | 11320E    | 42        |           | 1013.8       | 1022.4         | 13.8        | -1.2   | 9.5            | -2.3   | 0             | T     | -23    | 1        | 197      | 117      |
| 59316 SHANTOU     | 2324N    | 11640E    | 3         |           | 1021.2       | 1021.7         | 15.9        | .8     | 11.9           | -1.5   | 1             | 3     | -25    | 1        | 151      | 86       |
| 59431 NANNING     | 2238N    | 10810E    | 126       |           | 1008.4       | 1023.3         | 12.5        | -2.1   | 9.6            | -3.0   | 3             | 20    | -2     | 3        | 112      | 88       |
| 59758 HAIKOU      | 2002N    | 11020E    | 24        |           | 1012.0       | 1019.7         | 18.0        | -.7    | 15.3           | -2.7   | 2             | 39    | 5      | 4        | 68       | 47       |
| <b>AFRICA</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MADEIRA</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. |
| 08522 FUNCHAL                      | 3238N    | 01654W    | 58        |           | 1021.9       | 1028.8         | 17.8        | .9     | 12.2           | -1.4   | 1             | 2     | -98    | 1        | 180      | 129      |
| <b>CAPE VERDE</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08594 SAL                          | 1644N    | 02257W    | 63        |           | 1015.6       | 1016.0         | 23.3        | .6     | 19.3           |        | 00            | 0     | -1     | 1        |          |          |
| <b>SPAIN (CANARY ISLANDS)</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60001 HIERRO/AEROPUERTO            | 2749N    | 01753W    | 32        |           | 1021.1       | 1024.9         | 20.4        |        | 16.7           |        | 0             | T     |        | 1        | 169      | 125      |
| 60005 LA PALMA/AEROPUERTO          | 2837N    | 01745W    | 31        |           | 1020.5       | 1025.2         | 20.0        |        | 15.2           |        | 4             | 13    |        | 1        | 108      | 70       |
| <b>60010 IZANA</b>                 | 2819N    | 01630W    | 2371      |           | 773.2        | 1024.4         | 6.5         |        | 2.9            |        | 0             | 0     |        | 1        | 233      | 105      |
| 60020 STA. CRUZ DE TENERIFE        | 2827N    | 01615W    | 36        |           | 1021.3       | 1025.6         | 19.3        | .5     | 15.5           | 1.2    | 0             | T     | -51    | 1        | 144      | 85       |
| 60030 LAS PALMAS DE GRAN CANARIA/G | 2756N    | 01523W    | 47        |           | 1018.7       | 1021.5         | 19.4        | 1.1    | 13.9           | -8     | 1             | 2     | -19    | 1        | 178      | 98       |
| 60035 FUERTEVENTURA/AEROPUERTO     | 2827N    | 01352W    | 30        |           | 1021.7       | 1025.2         | 19.5        |        | 14.7           |        | 1             | 2     |        | 3        | 175      | 90       |
| 60040 LANZAROTE/AEROPUERTO         | 2857N    | 01336W    | 21        |           | 1023.0       | 1025.5         | 19.1        | 1.2    | 14.0           | -7     | 0             | T     | -25    | 1        | 190      | 103      |
| <b>WESTERN SAHARA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60096 DAKHLA                       | 2343N    | 01556W    | 12        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MOROCCO</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60101 TANGER (AERODROME)           | 3544N    | 00554W    | 21        |           | 1028.8       | 1031.4         | 9.7         | -3.6   | 11.8           |        | 7             | 25    | -104   | 1        |          |          |
| 60115 OUJDA                        | 3447N    | 00156W    | 470       |           | 971.8        | 1027.3         | 10.3        | -.2    | 9.5            |        | 3             | 19    | -26    | 2        | 237      | 100      |
| 60120 KENITRA                      | 3418N    | 00636W    | 14        |           | 1025.3       | 1027.0         | 11.2        | -1.8   | 11.8           |        | 4             | 13    | -122   | 1        | 202      | 115      |
| 60135 RABAT-SALE                   | 3403N    | 00646W    | 84        |           | 1018.0       | 1027.2         | 11.7        | -1.5   | 11.5           |        | 4             | 8     | -92    | 0        | 149      | 35       |
| 60150 MEKNES                       | 3353N    | 00532W    | 576       |           | 961.3        | 1027.8         | 10.3        | -.4    | 9.3            |        | 2             | 17    | -64    | 1        | 248      | 140      |
| 60155 CASABLANCA                   | 3334N    | 00740W    | 57        |           | 1019.3       | 1026.3         | 13.6        | .1     | 12.7           |        | 2             | 4     | -73    | 1        | 237      | 75       |
| <b>60195 MIDELT</b>                | 3241N    | 00444W    | 1515      |           | 860.2        | 1588 Y         | 8.0         | 1.2    | 5.3            |        |               | 3     | -5     | 0        | 272      | 0        |
| 60220 ESSAOUIRA                    | 3131N    | 00947W    | 15        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60230 MARRAKECH                    | 3137N    | 00802W    | 468       |           | 972.0        | 1026.4         | 13.1        | .5     | 9.3            |        | 0             |       |        |          | 257      | 115      |
| <b>60265 OUARZAZATE</b>            | 3056N    | 00654W    | 1140      |           | 896.2        | 1574 Y         | 10.1        | .6     | 4.5            |        | 0             | 0     | -9     | 1        | 268      | 85       |
| <b>SPAIN (CEUTA AND MELILLA)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60338 MELILLA                      | 3517N    | 00257W    | 55        |           | 1019.6       | 1026.4         | 14.1        | .0     | 11.9           | .2     | 2             | 9     | -42    | 1        | 229      | 145      |
| <b>ALGERIA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60351 JIJEL-ACHOUAT                | 3648N    | 00553E    | 10        |           | 1022.2       | 1023.7         | 13.1        |        | 11.9           |        | 13            | 160   |        |          | 510      | 50       |
| 60353 JIJEL-PORT                   | 3649N    | 00553E    | 6         |           | 1023.1       | 1023.8         | 14.3        |        | 13.4           |        | 15            | 196   |        |          | 124      | 40       |
| 60360 ANNABA                       | 3650N    | 00749E    | 4         |           | 1022.7       | 1023.8         | 12.5        | .0     | 12.1           |        | 15            | 85    | -10    | 2        | 145      | 45       |
| 60367 EL-KALA                      | 3654N    | 00827E    | 13        |           | 1021.8       | 1023.3         | 13.6        |        | 12.9           |        | 19            | 224   |        |          |          |          |
| 60369 ALGER-PORT                   | 3646N    | 00306E    | 12        |           | 1024.3       | 1025.1         | 15.4        |        | 9.5            |        | 9             | 85    |        | 3        |          |          |
| 60387 DELLYS                       | 3655N    | 00357E    | 8         |           | 1023.3       | 1024.0         | 13.6        |        | 11.7           |        | 12            | 97    |        |          | 153      |          |
| 60390 DAR-EL-BEIDA                 | 3641N    | 00313E    | 29        |           | 1022.3       | 1025.9         | 12.0        | -.1    | 11.6           |        | 8             | 58    | -57    | 2        | 170      | 55       |
| 60401 BEJAIA-PORT                  | 3645N    | 00506E    | 4         |           | 1025.9       | 1026.4         | 14.9        |        | 11.9           |        | 12            | 121   |        |          |          |          |
| 60402 BEJAIA-AEROPORT              | 3643N    | 00504E    | 3         |           | 1024.3       | 1025.3         | 12.2        | -.5    | 11.5           |        | 11            | 117   | -18    | 3        | 149      | 50       |

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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. |
| 60405 BOUCHEGOUF     | 3630N    | 00743E    | 111       |           |              | 1024.2         | 11.6        |        | 10.6           |        | 1             |       |        |          |          |          |
| 60410 TENES          | 3630N    | 00120E    | 18        |           | 1024.8       | 1026.9         | 14.4        |        | 12.6           |        | 6             | 58    |        |          |          |          |
| 60415 AIN-BESSAM     | 3619N    | 00332E    | 748       |           | 938.3        |                | 8.6         |        | 8.8            |        | 6             | 43    |        |          | 169      | 55       |
| 60417 BOUIRA         | 3623N    | 00353E    | 560       |           | 958.9        | 1025.3         | 9.3         |        | 9.3            |        | 5             | 50    |        |          | 146      | 45       |
| 60419 CONSTANTINE    | 3617N    | 00637E    | 694       |           | 943.8        | 1025.6         | 7.7         | -2     | 8.1            |        | 10            | 53    | -18    | 3        | 145      | 45       |
| 60425 CHLEF          | 3613N    | 00120E    | 144       |           | 1006.8       | 1026.6         | 11.5        | .3     | 11.1           |        | 5             | 21    | -40    | 1        | 189      |          |
| 60461 ORAN-PORT      | 3542N    | 00039W    | 22        |           | 1023.5       | 1026.0         | 14.0        |        | 11.4           |        | 4             | 35    |        |          |          |          |
| 60467 M'SILA         | 3540N    | 00430E    | 442       |           | 973.0        | 1025.9         | 9.5         |        | 9.0            |        | 2             | 11    |        |          | 159      | 50       |
| 60471 BARIKA         | 3520N    | 00520E    | 461       |           | 970.6        | 1025.8         | 8.7         |        | 8.5            |        | 1             | 3     |        |          |          |          |
| 60475 TEBESSA        | 3525N    | 00807E    | 823       |           | 928.8        | 1539 Y         | 7.9         | .4     | 8.5            |        | 3             | 9     | -14    | 2        | 147      | 50       |
| 60476 KHENCHELLA     | 3528N    | 00705E    | 987       |           | 901.6        | 1549 Y         | 7.2         |        | 7.5            |        | 7             | 42    |        |          | 131      |          |
| 60490 ORAN-SENIA     | 3538N    | 00036W    | 91        |           |              | 1026.4         | 11.2        | -5     | 10.9           |        | 4             | 50    | -11    | 3        | 206      | 65       |
| 60522 MAGHNIA        | 3449N    | 00147W    | 428       |           | 976.3        | 1014.5         | 9.2         |        | .8             |        | 3             | 24    |        |          | 257      |          |
| 60525 BISKRA         | 3448N    | 00544E    | 89        |           | 1013.0       | 1023.8         | 13.3        | .8     | 8.5            |        | 0             | 0     | -7     | 1        | 231      |          |
| 60531 TLEMCEN-ZENATA | 3501N    | 00128W    | 247       |           | 977.5        | 1027.7         | 10.5        |        | 9.8            |        | 5             | 29    |        |          | 246      | 80       |
| 60545 LAGHOUAT       | 3346N    | 00256E    | 763       |           | 936.6        |                | 8.3         |        | 8.0            |        | 2             | 5     |        |          | 215      | 70       |
| 60550 EL-BAYADH      | 3340N    | 00100E    | 1347      |           | 873.2        | 1566 Y         | 4.7         |        | 6.8            |        | 5             | 35    |        |          | 161      |          |
| 60557 NAAMA          | 3316N    | 00018W    | 1166      |           | 892.7        | 1565 Y         | 5.5         |        | 6.9            |        | 5             | 16    |        |          |          |          |
| 60559 EL-OUED        | 3330N    | 00647E    | 69        |           | 1016.4       | 1024.7         | 11.8        | .3     | 8.7            |        | 0             | 0     | -7     | 1        | 237      |          |
| 60563 HASSIR'MEL     | 3256N    | 00317E    | 764       |           | 935.8        |                | 9.0         |        | 8.2            |        | 0             | 0     |        |          | 252      | 80       |
| 60566 GHARDAIA       | 3224N    | 00348E    | 469       |           | 970.5        |                | 12.0        | .4     | 8.2            |        | 0             | T     | -3     | 3        | 259      |          |
| 60571 BECHAR         | 3130N    | 00215W    | 816       |           | 932.6        | 1571 Y         | 10.0        | -4     | 8.2            |        | 2             | 16    | 8      | 0        | 255      | 80       |
| 60580 OUARGLA        | 3156N    | 00524E    | 148       |           | 1006.8       | 1024.7         | 11.9        |        | 9.5            |        | 0             | 0     |        |          | 230      |          |
| 60581 HASSI-MESSAOUD | 3140N    | 00609E    | 144       |           | 1006.8       | 1025.4         | 11.9        | .2     | 8.2            |        | 72            | 0     | -4     | 2        | 227      |          |
| 60590 EL-GOLEA       | 3034N    | 00252E    | 403       |           | 977.7        | 1025.9         | 10.8        | .3     | 8.3            |        | 0             | 0     | -6     | 2        | 246      | 75       |
| 60607 TIMIMOUN       | 2915N    | 00017E    | 317       |           | 986.8        | 1023.7         | 11.2        | -1.0   | 5.5            |        | 0             | 0     | -1     | 4        | 241      |          |
| 60620 ADRAR          | 2753N    | 00011W    | 283       |           | 990.0        | 1023.8         | 13.4        | .5     | 5.7            |        | 0             | 0     | -1     | 4        | 265      |          |
| 60630 IN-SALAH       | 2714N    | 00230E    | 269       |           | 990.1        | 1022.0         | 15.7        | .8     | 7.1            |        | 0             | 0     | -2     | 4        | 277      | 95       |
| 60640 ILLIZI         | 2630N    | 00825E    | 544       |           | 958.5        | 1022.3         | 13.4        |        | 6.3            |        | 0             | 0     |        |          | 301      |          |
| 60656 TINDOUF        | 2742N    | 00810W    | 443       |           | 971.2        | 1023.2         | 14.2        |        | 6.7            |        | 0             | 0     |        |          | 241      |          |
| 60670 DJANET         | 2416N    | 00928E    | 970       |           | 911.0        | 1552 Y         | 13.9        | .1     | 5.3            |        | 0             | 0     | -1     | 4        | 117      | 40       |
| 60680 TAMANRASSET    | 2248N    | 00526E    | 1364      |           | 866.6        | 1539 Y         | 13.0        | -9     | 3.8            |        | 0             | 0     | -1     | 3        | 306      | 110      |
| <b>TUNISIA</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60715 TUNIS-CARTHAGE | 3650N    | 01014E    | 4         |           | 1021.9       | 1022.4         | 13.8        | 1.3    | 11.4           |        | 9             | 88    | 22     | 4        |          |          |
| 60725 JENDOUBA       | 3629N    | 00848E    | 144       |           | 1006.7       | 1025.1         | 11.9        | .9     | 11.4           |        | 12            | 92    | 36     | 5        | 121      | 82       |
| 60735 KAIROUAN       | 3540N    | 01006E    | 68        |           | 1014.7       | 1023.0         | 13.9        | 1.4    | 10.6           |        | 3             | 13    | -22    | 3        | 197      | 106      |
| 60745 GAFSA          | 3425N    | 00849E    | 314       |           | 986.7        | 1024.3         | 11.8        | 1.8    | 8.6            |        | 1             | 1     | -26    | 2        | 190      | 92       |
| 60765 GABES          | 3353N    | 01006E    | 5         |           | 1024.3       | 1024.7         | 14.6        | 1.6    | 11.5           |        | 2             | 31    | -2     | 4        | 94       | 45       |
| <b>NIGER</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61017 BILMA          | 1841N    | 01255E    | 357       |           | 975.7        | 1017.1         | 17.2        |        | 6.2            |        | 0             | 0     |        | 5        | 296      | 100      |
| 61024 AGADEZ         | 1658N    | 00759E    | 502       |           | 958.3        | 1015.2         | 20.6        |        | 5.3            |        | 0             | 0     |        | 0        |          |          |
| 61036 TILLABERY      | 1412N    | 00127E    | 210       |           | 988.9        | 1012.8         | 24.6        |        | 7.0            |        | 0             | 0     |        | 5        | 288      | 105      |
| 61043 TAHOUA         | 1454N    | 00515E    | 391       |           |              | 969.0          | 23.1        |        | 3.9            |        | 0             | 0     |        | 5        | 306      | 105      |

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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. |
| 61045 GOURE              | 1359N    | 01018E    | 464       |           | 964.3        | 1010.4         | 29.3        |        | 45.9           |        | 0             | 0     |        | 5        | 294      | 100      |
| 61049 N'GUIGMI           | 1415N    | 01307E    | 286       |           | 980.9        | 1013.0         | 21.3        |        | 6.3            |        | 0             | 0     |        | 5        | 298      | 100      |
| 61052 NIAMEY-AERO        | 1329N    | 00210E    | 227       |           | 987.6        | 1013.3         | 24.3        |        |                |        | 0             | 0     |        | 5        | 299      | 105      |
| 61075 BIRNI-N'KONNI      | 1348N    | 00515E    | 273       |           | 981.7        | 1012.6         |             |        | 6.7            |        | 0             | 0     |        | 5        | 289      | 100      |
| 61080 MARADI             | 1328N    | 00705E    | 373       |           | 971.7        | 1013.9         | 11.8        |        | .5             |        | 0             | 0     |        | 5        | 269      | 95       |
| 61090 ZINDER             | 1347N    | 00859E    | 453       |           | 962.6        | 1013.8         | 22.1        |        | 4.7            |        | 0             | 0     |        | 5        | 290      | 100      |
| <b>61096 MAINE-SOROA</b> | 1314N    | 01159E    | 338       |           | 975.6        | 1013.9         | 22.1        |        | 5.3            |        | 0             | 5     |        | 0        | 295      | 100      |
| <b>MALI</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>61202 TESSALIT</b>    | 2012N    | 00059E    | 494       |           | 960.5        | 1016.2         | 20.5        |        | 3.9            |        |               |       |        |          | 296      | 124      |
| 61214 KIDAL              | 1826N    | 00121E    | 459       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>61223 TOMBOUCTOU</b>  | 1643N    | 00300W    | 264       |           | 985.4        | 1015.8         | 20.9        |        | 5.5            |        | 0             | 0     | -1     | 5        | 283      | 110      |
| 61226 GAO                | 1616N    | 00003W    | 265       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61230 NIORO DU SAHEL     | 1514N    | 00921W    | 237       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61233 NARA               | 1510N    | 00717W    | 271       |           |              |                |             |        | 5.4            |        |               | 0     | -1     |          |          |          |
| 61240 HOMBORI            | 1520N    | 00141W    | 288       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>61250 MENAKA</b>      | 1552N    | 00213E    | 278       |           |              |                | 23.4        |        |                |        | 0             | 0     | -1     | 0        | 297      | 113      |
| 61257 KAYES              | 1426N    | 01126W    | 47        |           | 1007.0       | 1016.4         | 24.0        | -1.4   | 6.5            |        | 0             | 0     | -1     | 0        | 282      | 108      |
| 61265 MOPTI              | 1431N    | 00406W    | 276       |           | 982.2        | 1013.0         | 22.9        | -.8    | 6.7            |        | 0             | 0     | -1     |          | 288      | 109      |
| <b>61270 KITA</b>        | 1304N    | 00928W    | 334       |           |              |                | 25.4        | .1     | 8.2            |        |               |       |        |          | 270      | 100      |
| 61272 SEGOU              | 1324N    | 00609W    | 289       |           | 980.6        | 1013.3         | 23.5        | -.8    | 9.8            |        | 0             | 0     | -1     | 0        | 283      | 104      |
| 61277 SAN                | 1320N    | 00450W    | 284       |           | 980.6        | 1012.5         | 24.6        | .4     | 7.9            |        | 0             | 0     | -1     | 0        | 299      | 111      |
| 61285 KENIEBA            | 1251N    | 01114W    | 132       |           | 996.9        | 1011.9         | 26.2        | .8     | 7.8            |        | 01            | 1     | 0      | 0        | 289      | 113      |
| 61291 BAMAKO/SENOU       | 1232N    | 00757W    | 381       |           |              | 1011.8         |             |        |                |        |               |       |        |          |          |          |
| 61293 KOUTIALA           | 1223N    | 00528W    | 367       |           |              |                | 24.1        | 1.1    | 9.7            |        | 0             | 0     | -1     | 1        | 267      | 99       |
| 61296 BOUGOUNI           | 1125N    | 00730W    | 351       |           |              |                | 29.9        | 5.6    | 12.9           |        | 0             | 0     | -1     | 2        | 278      | 107      |
| <b>61297 SIKASSO</b>     | 1121N    | 00541W    | 375       |           |              |                | 24.4        | .8     | 8.5            |        | 0             | 0     | -1     |          | 310      | 119      |
| <b>MAURITANIA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61404 ZOUERATE           | 2245N    | 01229W    | 343       |           | 980.4        | 1020.1         | 18.3        |        |                |        | 0             | 0     |        | 4        |          |          |
| <b>61415 NOUADHIBOU</b>  | 2056N    | 01702W    | 5         |           | 1017.5       | 1018.0         | 20.7        |        | 10.8           |        | 0             | 0     |        | 2        | 159      | 70       |
| <b>61421 ATAR</b>        | 2031N    | 01304W    | 226       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61437 AKJOUJT            | 1945N    | 01422W    | 123       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61442 NOUAKCHOTT         | 1806N    | 01557W    | 3         |           | 1015.0       | 1015.4         | 23.6        |        | 6.8            |        |               |       |        |          | 179      |          |
| <b>61450 TIDJIKJA</b>    | 1834N    | 01126W    | 402       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61461 BOUTILIMIT         | 1732N    | 01441W    | 77        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61489 ROSSO              | 1630N    | 01549W    | 6         |           | 1014.7       | 1015.4         | 24.4        |        |                |        | 0             | 0     |        | 0        |          |          |
| 61492 KAEDI              | 1609N    | 01331W    | 18        |           | 1013.9       | 1015.8         | 25.7        |        | 5.1            |        | 0             | 0     |        | 5        |          |          |
| <b>61497 NEMA</b>        | 1636N    | 00716W    | 269       |           |              | 989.9          | 23.6        |        | 48.0           |        | 0             | 0     |        | 0        |          |          |
| 61498 KIFFA              | 1638N    | 01124W    | 115       |           | 1000.4       | 1013.8         | 23.8        |        | 11.6           |        | 0             | 0     |        | 0        |          |          |
| 61499 AOUN EL ATROUSS    | 1642N    | 00936W    | 223       |           | 989.1        | 1014.7         | 22.7        |        |                |        | 0             | 0     |        | 5        |          |          |
| <b>SENEGAL</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61600 SAINT-LOUIS        | 1603N    | 01627W    | 4         |           | 1013.3       | 1013.8         | 23.9        |        | 11.6           | -1.1   | 0             | 0     | -1     | 0        | 238      | 103      |



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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>61612 PODOR</b>                        | 1639N    | 01458W    | 7         |           | 1013.5       | 1014.3         | 24.1        |        |                | 60.9   | 0             | 0     | -1     | 3        | 182      |          |
| 61627 LINGUERE                            | 1523N    | 01507W    | 21        |           |              |                | 24.7        |        | 7.2            | -2.5   | 0             | 0     | -1     | 0        | 236      | 100      |
| 61630 MATAM                               | 1539N    | 01315W    | 17        |           | 1011.5       | 1013.5         | 24.8        |        | 10.4           | .5     | 0             | 0     | -1     | 4        | 200      | 114      |
| <b>61641 DAKAR/YOFF</b>                   | 1444N    | 01730W    | 27        |           | 1010.1       | 1013.3         | 24.4        |        | 19.4           | 1.0    | 0             | 0     | -1     | 5        | 224      | 94       |
| 61666 DIOURBEL                            | 1439N    | 01614W    | 9         |           | 1011.8       | 1012.6         | 25.4        |        | 14.4           | 3.4    | 72            | 0     | -1     | 0        | 209      |          |
| 61679 KAOLACK                             | 1408N    | 01604W    | 7         |           | 1012.4       | 1013.2         | 29.6        |        | 14.4           |        | 0             | 0     | -1     | 1        | 198      | 85       |
| <b>61687 TAMBACOUNDA</b>                  | 1346N    | 01341W    | 50        |           | 1006.4       | 1012.2         | 26.3        |        | 8.7            | -3     | 0             | 0     | -1     | 0        | 266      | 107      |
| 61695 ZIGUINCHOR                          | 1233N    | 01616W    | 26        |           | 1009.7       | 1012.3         | 24.2        |        | 15.3           | -1.1   | 0             | 0     | -1     | 0        | 245      | 95       |
| 61698 KOLDA                               | 1253N    | 01458W    | 10        |           | 1011.0       | 1012.0         | 23.1        |        | 13.2           | -6     | 0             | 0     | -1     | 0        | 238      | 101      |
| 61699 KEDOUGOU                            | 1234N    | 01213W    | 178       |           | 991.4        | 1010.2         | 25.3        |        | 11.6           |        | 0             | 0     | -1     | 1        | 284      | 111      |
| <b>GAMBIA</b>                             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61701 BANJUL/YUNDUM                       | 1312N    | 01638W    | 36        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>GUINEA-BISSAU</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61766 BISSAU (AEROPORTO INT. OSVAL        | 1153N    | 01539W    | 39        |           | 1007.1       | 1011.2         | 25.4        |        | 16.0           |        |               |       |        |          |          |          |
| <b>GUINEA</b>                             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61809 LABE                                | 1119N    | 01218W    | 1026      |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61811 SIGUIRI                             | 1126N    | 00910W    | 366       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61816 BOKE                                | 1056N    | 01419W    | 69        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61818 KINDIA                              | 1003N    | 01252W    | 459       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61820 MAMOU                               | 1022N    | 01205W    | 784       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61829 KANKAN                              | 1023N    | 00918W    | 384       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61832 CONAKRY/GBESSIA                     | 0934N    | 01337W    | 26        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61833 FARANAH/BADALA                      | 1002N    | 01045W    | 459       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61834 KISSIDOUGOU                         | 0911N    | 01006W    | 525       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61847 MACENTA                             | 0832N    | 00928W    | 544       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61849 N'ZEREKORE                          | 0744N    | 00850W    | 470       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>SIERRA LEONE</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61856 LUNGI                               | 0837N    | 01312W    | 27        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61892 SEFADU                              | 0839N    | 01058W    | 390       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>OCEAN ISLANDS</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>61901 ST. HELENA IS.</b>               | 1556S    | 00540W    | 436       |           | 966.9        | 1017.8         | 17.1        |        |                |        | 12            | 43    |        |          | 64       | 60       |
| 61976 SERGE-FROLOW (ILE TROMELIN)         | 1548S    | 05430E    | 13        |           | 1009.9       | 1011.4         | 28.7        |        | 27.4           |        | 1             | 5     |        | 0        |          |          |
| <b>61996 MARTIN DE VIVIES (ILE AMSTER</b> | 3748S    | 07730E    | 29        |           | 1017.1       | 1020.6         | 16.1        |        | 5.5            |        | 6             | 32    | -49    |          | 165      | 97       |
| <b>61998 PORT-AUX-FRANCAIS (ILES KERG</b> | 4918S    | 07012E    | 29        |           | 1004.9       | 1008.5         | 8.2         | 1.9    | 7.7            |        | 6             | 27    | -30    |          | 197      | 106      |
| <b>MAURITIUS</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61974 AGALEGA                             | 1026S    | 05645E    | 3         |           | 1009.1       | 1009.6         | 27.6        | .4     | 31.4           | 1.9    | 16            | 265   | 75     | 4        | 239      | 60       |

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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>61986 ST. BRANDON (ST. RAPHAEL)</b>    | 1627S    | 05937E    | 4         |           | 1009.6       | 1010.0         | 28.1        | 1.1    | 30.5           | 2.0    | 8             | 63    | -8     | 4        |          |          |
| <b>61988 RODRIGUES</b>                    | 1941S    | 06325E    | 59        |           | 1005.7       | 1012.0         | 25.8        | .3     | 26.4           | .8     | 12            | 103   | 13     | 4        | 235      | 85       |
| <b>61990 PLAISANCE (MAURITIUS)</b>        | 2026S    | 05741E    | 57        |           | 1006.5       | 1012.4         | 25.9        | .6     | 26.2           | .2     | 14            | 276   | 86     | 5        | 211      | 86       |
| <b>61995 VACOAS (MAURITIUS)</b>           | 2018S    | 05730E    | 425       |           | 964.4        |                | 23.1        | 7.6    | 23.3           |        | 14            | 183   |        | 4        | 181      | 80       |
| <b>EGYPT</b>                              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>62306 MERSA MATRUH</b>                 | 3120N    | 02713E    | 28        |           | 1018.4       | 1022.1         | 14.8        | .4     | 11.3           | -.1    | 2             | 18    |        | 3        | 232      | 118      |
| <b>62337 EL ARISH</b>                     | 3105N    | 03349E    | 32        |           | 1016.2       | 1020.1         | 13.2        | -.7    | 10.4           | -.9    | 0             | 0     |        | 0        | 249      | 80       |
| <b>62378 HELWAN</b>                       | 2952N    | 03120E    | 141       |           | 1004.2       | 1021.4         | 15.8        | 1.4    | 10.8           | .9     | 0             | 0     |        | 1        |          |          |
| <b>62387 MINYA</b>                        | 2805N    | 03044E    | 40        |           | 1014.5       | 1015.0         | 13.6        | .6     | 10.6           | .8     | 0             | 0     |        | 0        | 97       | 41       |
| <b>62403 SOUTH OF VALLEY UNIVERSITY</b>   | 2612N    | 03245E    | 96        |           | 1007.1       | 1019.0         | 15.6        |        | 11.6           |        | 0             | 0     |        | 0        | 284      | 115      |
| <b>62414 ASSWAN</b>                       | 2358N    | 03247E    | 200       |           | 995.3        | 1018.6         | 17.3        | .4     | 8.0            | .0     | 0             | 0     |        | 3        |          |          |
| <b>62417 SIWA</b>                         | 2912N    | 02519E    | -13       |           | 1023.7       | 1022.1         | 12.9        | -.3    | 9.8            | .9     | 0             | 0     |        | 0        |          |          |
| <b>62423 FARAFRA</b>                      | 2703N    | 02759E    | 78        |           | 1012.4       | 1022.3         | 12.7        | -.9    | 9.1            | 1.2    | 0             | 0     |        | 0        | 68       |          |
| <b>62435 KHARGA</b>                       | 2527N    | 03032E    | 78        |           | 1009.8       | 1019.3         | 15.4        | -.1    | 8.7            | -.3    | 0             | 0     |        | 0        |          |          |
| <b>62453 ELHASANA</b>                     | 3027N    | 03346E    | 255       |           | 993.1        | 1020.9         | 12.7        |        | 8.4            |        | 0             | 0     |        | 0        |          |          |
| <b>62467 DAHAB</b>                        | 2829N    | 03430E    | 19        |           | 1014.1       | 1016.4         | 18.6        |        | 9.7            |        | 0             | 0     |        | 0        |          |          |
| <b>ETHIOPIA</b>                           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>63331 GONDAR</b>                       | 1233N    | 03725E    | 1967      |           | 805.2        |                | 20.0        |        | 11.1           |        | 0             | 0     |        | 1        | 279      |          |
| <b>63450 ADDIS ABABA-BOLE</b>             | 0902N    | 03845E    | 2354      |           | 772.8        | 1009.6         | 16.3        |        | 9.3            |        |               |       |        |          | 309      |          |
| <b>KENYA</b>                              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>63740 NAIROBI/KENYATTA AIRPORT</b>     | 0119S    | 03655E    | 1624      |           | 838.6        | 1504 Y         | 21.5        |        | 15.9           |        | 4             | 21    |        |          | 253      | 110      |
| <b>UNITED REPUBLIC OF TANZANIA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>63756 MWANZA</b>                       | 0228S    | 03255E    | 1140      |           | 886.3        | 1499 Y         | 22.5        |        | 21.6           |        | 13            | 219   | 57     |          | 192      |          |
| <b>63832 TABORA AIRPORT</b>               | 0505S    | 03250E    | 1190      |           | 881.8        | 1491 Y         | 21.6        |        | 21.1           |        | 17            | 217   | 11     |          | 179      |          |
| <b>63862 DODOMA</b>                       | 0610S    | 03546E    | 1120      |           | 889.2        | 1505 Y         | 23.6        |        | 20.1           |        | 13            | 291   | 169    | 6        | 220      |          |
| <b>63894 DAR ES SALAAM INT</b>            | 0652S    | 03912E    | 55        |           | 1004.4       | 1010.7         | 27.3        |        | 31.0           |        | 14            |       |        |          | 234      |          |
| <b>63962 SONGEA</b>                       | 1041S    | 03535E    | 1067      |           | 894.7        |                | 23.3        |        | 21.9           |        | 14            | 144   | -63    | 3        | 213      |          |
| <b>63971 MTWARA</b>                       | 1016S    | 04011E    | 113       |           | 997.4        | 1010.3         | 26.7        |        | 29.0           |        | 16            | 154   | -17    |          | 218      |          |
| <b>SEYCHELLES</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>63980 SEYCHELLES INTERNATIONAL AIR</b> | 0440S    | 05531E    | 3         |           | 1009.5       | 1009.9         | 27.8        | 1.1    | 29.4           | .8     | 17            | 236   | -45    | 2        | 223      | 131      |
| <b>CONGO</b>                              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>64401 DOLISIE</b>                      | 0412S    | 01242E    | 331       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>64402 MOUYONDZI</b>                    | 0400S    | 01357E    | 512       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>64403 MAKABANA</b>                     | 0329S    | 01237E    | 161       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>64450 BRAZZAVILLE /MAYA-MAYA</b>       | 0415S    | 01515E    | 319       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>64452 M'POUYA</b>                      | 0237S    | 01613E    | 313       |           |              |                |             |        |                |        |               |       |        |          |          |          |

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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. |
| 64453 DJAMBALA        | 0232S    | 01446E    | 791       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64454 GAMBOMA         | 0154S    | 01551E    | 476       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64456 MAKOUA          | 0001S    | 01539E    | 394       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64458 OUESSO          | 0137N    | 01603E    | 352       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>64459 IMPFONDO</b> | 0137N    | 01804E    | 335       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64460 SOUANKE         | 0204N    | 01402E    | 550       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>GABON</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64500 LIBREVILLE      | 0027N    | 00925E    | 15        |           | 1009.0       | 1010.3         | 27.2        | 1.0    | 29.6           |        | 12            | 128   | -175   |          | 193      | 116      |
| 64501 PORT-GENTIL     | 0042S    | 00845E    | 4         |           |              |                | 26.8        | .3     | 29.7           |        | 6             | 131   | -96    |          | 173      | 118      |
| 64503 MAYUMBA         | 0325S    | 01039E    | 34        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64507 TCHIBANGA       | 0251S    | 01101E    | 83        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64510 BITAM           | 0205N    | 01129E    | 600       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64550 MOUILA          | 0152S    | 01101E    | 89        |           |              |                | 25.8        | -8     | 28.4           |        | 12            | 155   | -76    |          |          |          |
| 64551 LAMBARENE       | 0043S    | 01014E    | 27        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64552 MITZIC          | 0047N    | 01132E    | 583       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64556 MAKOKOU         | 0034N    | 01252E    | 515       |           | 952.8        | 1011.7         | 24.4        | .9     | 26.2           |        | 3             | 61    | -42    |          |          |          |
| 64560 LASTOURSVILLE   | 0050S    | 01243E    | 485       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64565 MOANDA          | 0132S    | 01316E    | 573       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>NIGERIA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65123 MINNA           | 0937N    | 00632E    | 262       |           | 979.8        | 1010.1         | 28.0        | 1.3    | 10.8           | -1.7   | 0             | 0     | -1     | 1        | 272      | 101      |
| 65167 YOLA            | 0914N    | 01228E    | 191       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>BENIN</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>65306 KANDI</b>    | 1108N    | 00256E    | 292       |           | 979.0        | 1012.1         | 25.2        | .4     | 8.1            | -1.8   | 0             | 0     | -1     | 1        | 290      | 104      |
| <b>65335 SAVE</b>     | 0802N    | 00228E    | 200       |           | 988.2        | 1010.4         | 27.3        | -4     | 17.0           | -3.1   | 0             | 0     | -4     | 1        | 269      | 122      |
| 65344 COTONOU         | 0621N    | 00223E    | 9         |           | 1009.1       | 1010.2         | 28.2        | .9     | 29.6           | .3     | 0             | 0     | -19    | 1        | 229      | 103      |
| <b>TOGO</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65352 MANGO           | 1022N    | 00028E    | 146       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65361 SOKODE          | 0859N    | 00109E    | 387       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65376 ATAHPAME        | 0735N    | 00107E    | 402       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65387 LOME            | 0610N    | 00115E    | 25        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>GHANA</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65442 KUMASI          | 0643N    | 00136W    | 293       |           | 978.6        | 1011.6         | 26.8        |        | 23.0           |        | 0             | 0     |        |          | 199      | 50       |
| <b>BURKINA FASO</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>65501 DORI</b>     | 1402N    | 00002W    | 277       |           | 981.6        | 1013.2         | 23.1        |        | 6.0            |        | 0             | 0     |        | 5        | 286      | 95       |
| 65502 OUAHIGOUYA      | 1334N    | 00225W    | 337       |           | 974.5        | 1012.4         | 24.2        |        | 5.0            |        | 0             | 0     |        | 5        | 288      | 100      |
| 65503 OUAGADOUGOU     | 1221N    | 00131W    | 316       |           | 977.9        | 1012.4         | 24.4        |        | 7.7            |        | 0             | 0     |        | 5        | 303      | 105      |

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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. |
| 65505 DEDOUGOU                  | 1228N    | 00329W    | 300       |           | 978.3        | 1012.0         | 25.4        |        | 6.5            |        | 0             | 0     |        | 5        | 300      | 10       |
| 65507 FADA N'GOURMA             | 1202N    | 00022E    | 309       |           | 977.0        | 1011.9         | 24.9        |        |                |        | 0             | 0     |        | 5        | 278      | 95       |
| 65510 BOBO-DIOULASSO            | 1110N    | 00419W    | 460       |           | 960.3        | 1011.5         | 25.2        |        | 6.7            |        | 0             | 0     |        | 5        | 264      | 90       |
| <b>65516 BOROMO</b>             | 1145N    | 00256W    | 271       |           | 981.0        | 1011.6         | 24.7        |        | 6.8            |        | 0             | 0     |        | 4        | 274      | 100      |
| 65518 PO                        | 1109N    | 00109W    | 322       |           | 974.7        | 1010.9         | 25.2        |        | 6.3            |        | 0             | 0     |        | 4        | 295      | 105      |
| 65522 GAOUA                     | 1020N    | 00311W    | 335       |           | 978.5        | 1011.3         | 24.6        |        | 7.8            |        | 0             | 0     |        | 4        | 287      | 100      |
| <b>COTE D'IVOIRE</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65528 ODIENNE                   | 0930N    | 00734W    | 434       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65536 KORHOGO                   | 0925N    | 00537W    | 381       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65545 BONDOKOU                  | 0803N    | 00247W    | 370       |           | 968.9        | 1011.4         | 25.5        | .0     | 15.1           | -4.2   |               |       |        |          |          |          |
| 65548 MAN                       | 0723N    | 00731W    | 340       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65555 BOUAKE                    | 0744N    | 00504W    | 376       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65557 GAGNOA                    | 0608N    | 00557W    | 210       |           | 987.4        | 1011.3         | 25.8        | .1     | 26.6           | .0     | 2             | 29    | -8     | 4        |          |          |
| 65562 DIMBOKRO                  | 0639N    | 00442W    | 92        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65578 ABIDJAN                   | 0515N    | 00356W    | 8         |           | 1009.8       | 1011.0         | 27.7        | .7     | 31.4           | 1.8    | 16            | 102   | 27     | 3        | 197      | 96       |
| 65592 TABOU                     | 0425N    | 00722W    | 21        |           | 1008.2       | 1010.4         | 26.1        | .5     | 29.6           | .3     | 12            | 88    | -42    | 3        |          |          |
| 65594 SAN PEDRO                 | 0445N    | 00639W    | 30        |           | 1007.9       | 1011.3         | 26.7        |        | 30.0           |        | 8             | 109   |        | 4        |          |          |
| 65599 SASSANDRA                 | 0457N    | 00605W    | 66        |           | 1002.7       | 1010.1         | 26.4        | .3     | 30.1           | 1.1    | 8             | 122   | 50     | 5        |          |          |
| <b>LIBERIA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65660 ROBERTS FIELD             | 0615N    | 01021W    | 18        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MADAGASCAR</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67012 FASCENE (NOSSI-BE)        | 1319S    | 04819E    | 10        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67017 VOHEMAR                   | 1322S    | 05000E    | 6         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67019 ANALALAVA</b>          | 1438S    | 04746E    | 105       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67023 SAMBAVA                   | 1417S    | 05010E    | 5         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67025 ANTALAHA</b>           | 1453S    | 05015E    | 88        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67027 MAHAJANGA                 | 1540S    | 04621E    | 26        |           | 1007.7       | 1009.8         | 28.7        | 1.3    | 30.2           | 1.1    | 12            | 126   | -152   | 3        | 272      | 120      |
| 67037 BESALAMPY                 | 1645S    | 04429E    | 38        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67045 MAEVATANANA               | 1657S    | 04650E    | 79        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67067 AMBOHITSILAOZANA          | 1738S    | 04830E    | 780       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67072 SAINTE-MARIE AERODROME    | 1705S    | 04949E    | 3         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67073 MAINTIRANO</b>         | 1803S    | 04402E    | 23        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67083 ANTANANARIVO/IVATO</b> | 1848S    | 04729E    | 1279      |           | 873.4        | 1509 Y         | 21.7        | 1.5    | 19.3           | .6     | 6             | 237   | -72    | 3        | 242      | 120      |
| <b>67095 TOAMASINA</b>          | 1807S    | 04924E    | 6         |           | 1010.3       | 1011.0         | 27.6        | 2.1    | 30.0           | 2.3    | 14            | 52    | -305   | 1        |          |          |
| 67107 ANTISRABE                 | 1949S    | 04704E    | 1532      |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67113 MAHANORO                  | 1950S    | 04848E    | 5         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67117 MORONDAVA                 | 2017S    | 04419E    | 8         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67131 MOROMBE                   | 2145S    | 04322E    | 5         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67137 FIANARANTSOA              | 2127S    | 04706E    | 1115      |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67143 MANANJARY</b>          | 2112S    | 04822E    | 6         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67152 RANOHIRA                  | 2233S    | 04524E    | 824       |           |              |                |             |        |                |        |               |       |        |          |          |          |

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|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                 |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 67157 FARAFANGANA               | 2248S    | 04750E    | 8         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67161 TOLIARA                   | 2323S    | 04344E    | 8         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67197 TAOLAGNARO                | 2502S    | 04657E    | 9         |           | 1009.9       | 1010.9         | 25.6        | .5     | 26.7           | .6     | 11            | 125   | -39    | 2        | 259      | 110      |
| <b>MOZAMBIQUE</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67215 PEMBA                     | 1259S    | 04032E    | 101       |           | 1000.1       | 1012.7         | 27.8        |        |                |        | 6             |       |        |          | 305      | 75       |
| 67217 LICHINGA                  | 1318S    | 03514E    | 1365      |           | 867.2        | 1535 Y         | 21.4        |        | 19.7           |        | 13            | 108   |        | 2        | 205      | 55       |
| 67283 QUELIMANE                 | 1753S    | 03653E    | 16        |           | 1009.6       | 1011.5         | 24.3        |        | 22.3           |        | 7             | 98    |        | 3        | 292      |          |
| 67297 BEIRA                     | 1948S    | 03454E    | 16        |           | 1010.2       | 1011.1         | 26.7        |        | 27.6           |        | 6             | 47    |        | 1        | 281      |          |
| 67323 INHAMBANE                 | 2352S    | 03523E    | 15        |           | 1010.1       | 1011.7         |             |        | 24.7           |        | 11            | 104   |        | 3        | 112      | 65       |
| 67341 MAPUTO/MAVALANE           | 2555S    | 03234E    | 44        |           | 1006.0       | 1013.3         | 25.0        |        | 24.4           |        | 5             |       |        |          |          |          |
| <b>ZAMBIA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67663 KABWE                     | 1427S    | 02828E    | 1207      |           | 879.4        | 1501 Y         | 22.8        | 1.5    | 22.5           |        | 15            | 216   | -35    | 2        | 224      | 129      |
| <b>ZIMBABWE</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67775 HARARE (KUTSAGA)          | 1755S    | 03108E    | 1480      |           | 850.6        | 1508 Y         | 21.4        | .5     | 17.6           |        | 11            | 305   | 135    |          |          |          |
| 67964 BULAWAYO (GOETZ OBSY.)    | 2009S    | 02837E    | 1344      |           | 866.4        |                | 21.4        |        | 17.9           |        | 11            | 162   | 42     | 2        | 198      |          |
| <b>N AMERICA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>USA (ALASKA)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 70026 BARROW/W. POST W. ROGERS  | 7117N    | 15647W    | 12        |           | 1010.7       | 1011.3         | -23.0       | 1.0    | .7             |        | 3             | 16    | 12     | 5        |          |          |
| 70086 BARTER ISLAND             | 7008N    | 14338W    | 15        |           |              |                | -24.8       |        |                |        |               |       |        |          |          |          |
| 70133 KOTZEBUE, RALPH WIEN      | 6653N    | 16236W    | 5         |           | 1001.4       | 1002.0         | -16.1       | 2.2    | 1.7            |        | 11            | 48    | 35     | 6        |          |          |
| 70200 NOME, AK                  | 6430N    | 16526W    | 6         |           | 998.6        | 999.3          | -14.1       | -.4    | 2.4            |        | 10            | 55    | 34     | 6        |          |          |
| 70219 BETHEL/BETHEL AIRPORT, AK | 6046N    | 16150W    | 44        |           | 993.8        | 999.6          | -10.8       | 2.3    | 3.0            |        | 5             | 31    | 6      | 5        |          |          |
| 70231 MCGRATH, AK               | 6257N    | 15530W    | 103       |           | 989.6        | 1002.7         | -15.7       | 5.4    | 2.3            |        | 15            | 86    | 51     | 5        |          |          |
| 70251 TALKEETNA                 | 6218N    | 15000W    | 109       |           | 989.0        | 1002.6         | -8.2        | 3.3    | 3.0            |        |               | 103   | 55     | 5        |          |          |
| 70261 FAIRBANKS/INT., AK        | 6448N    | 14750W    | 135       |           | 986.1        | 1003.8         | -15.5       | 5.9    | 1.9            |        | 8             | 24    | 3      | 5        |          |          |
| 70273 ANCHORAGE/INT., AK        | 6109N    | 14950W    | 50        |           | 996.9        | 1001.9         | -4.5        | 4.2    | 3.5            |        | 16            | 68    | 40     | 5        |          |          |
| 70308 ST. PAUL ISLANDS, AK      | 5709N    | 17013W    | 10        |           | 994.5        | 995.2          | -2.5        | -.8    | 4.7            |        | 22            | 69    | 13     | 5        |          |          |
| 70316 COLD BAY, AK              | 5512N    | 16240W    | 31        |           | 995.0        | 1001.3         | -1.5        | -.9    | 5.0            |        | 25            | 158   | 65     | 5        |          |          |
| 70326 KING SALMON, AK           | 5840N    | 15630W    | 14        |           | 998.2        | 1001.5         | -7.9        | 1.0    | 3.8            |        | 10            | 42    | 8      | 5        |          |          |
| 70341 HOMER/MUNICIPAL           | 5938N    | 15130W    | 24        |           | 999.0        | 1001.7         | -3.3        | 1.0    | 4.3            |        |               | 129   | 58     | 5        |          |          |
| 70361 YAKUTAT, AK               | 5931N    | 13940W    | 13        |           | 1006.9       | 1008.2         | .4          | 3.1    | 5.5            |        | 28            | 481   | 102    | 5        |          |          |
| 70398 ANNETTE ISLAND, AK        | 5502N    | 13130W    | 35        |           | 1012.7       | 1017.2         | 2.8         | .7     | 6.9            |        | 21            | 261   | -23    | 3        |          |          |
| <b>USA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 72201 KEY WEST/INT., FL         | 2433N    | 08145W    | 5         |           | 1018.9       | 1019.8         | 23.3        | 1.4    | 21.5           |        | 4             | 10    | -41    | 2        |          |          |
| 72202 MIAMI, FL                 | 2545N    | 08023W    | 5         |           | 1019.1       | 1020.4         | 22.9        | 2.3    | 18.2           |        | 6             | 26    | -20    | 4        | 41       | 19       |

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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. |
| 72203 WEST PALM BEACH/ INT. FL.     | 2641N    | 08006W    | 7         |           | 1019.4       | 1020.3         | 22.2        | 2.5    | 19.8           |        | 5             | 23    | -40    | 3        |          |          |
| 72205 ORLANDO/JETPORT FL.           | 2826N    | 08119W    | 32        |           | 1018.0       | 1021.9         | 18.8        | 2.1    | 15.7           |        | 3             | 20    | -34    | 2        |          |          |
| 72206 JACKSONVILLE/INTNL.,          | 3029N    | 08142W    | 11        |           | 1021.3       | 1022.8         | 14.9        | 2.1    | 13.3           |        | 3             | 47    | -22    | 3        |          |          |
| 72207 SAVANNAH/MUNICIPAL,           | 3208N    | 08112W    | 15        |           | 1021.5       | 1023.5         | 13.2        | 2.3    | 11.0           |        | 4             | 29    | -46    | 2        |          |          |
| 72208 CHARLESTON/MUN., SC.          | 3253N    | 08001W    | 15        |           | 1021.6       | 1023.4         | 12.7        | 2.0    | 10.8           |        | 2             | 17    | -63    | 1        |          |          |
| 72211 TAMPA/INT., FL.               | 2758N    | 08232W    | 8         |           | 1021.3       | 1021.9         | 19.8        | 3.0    | 16.1           |        | 2             | 5     | -49    | 1        |          |          |
| 72214 TALLAHASSEE/MUN.,             | 3023N    | 08421W    | 19        |           | 1020.2       | 1022.8         | 13.9        | 2.1    | 12.5           |        | 7             | 112   | -15    | 4        |          |          |
| 72217 MACON/LEWIS B.WILSON, GA.     | 3242N    | 08339W    | 110       |           | 1009.9       | 1023.3         | 10.5        | 1.2    | 9.9            |        | 8             | 77    | -32    | 4        |          |          |
| 72218 AUGUSTA/BUSH FIELD,           | 3322N    | 08158W    | 45        |           | 1017.9       | 1023.5         | 10.4        | 2.0    | 10.0           |        | 5             | 33    | -53    | 2        |          |          |
| 72219 ATLANTA/MUN., GA.             | 3339N    | 08425W    | 315       |           | 985.6        | 1023.2         | 10.2        | 3.3    | 8.9            |        | 8             | 113   | 3      | 5        |          |          |
| 72223 MOBILE/BATES FIELD,           | 3041N    | 08815W    | 67        |           | 1014.4       | 1022.7         | 12.9        | 1.2    | 12.7           |        | 7             | 48    | -86    | 2        |          |          |
| 72226 MONTGOMERY/DANNELLY,          | 3218N    | 08624W    | 67        |           | 1015.8       | 1023.4         | 11.3        | 1.6    | 10.6           |        | 8             | 87    | -45    | 3        |          |          |
| 72231 NEW ORLEANS/MOISANT INT., LA  | 2959N    | 09015W    | 9         |           | 1021.4       | 1022.6         | 14.3        | 1.8    | 12.5           |        | 6             | 33    | -113   | 1        |          |          |
| 72234 MERIDIAN/KEY, MS.             | 3220N    | 08845W    | 94        |           | 1011.6       | 1023.1         | 9.6         |        | 10.3           |        | 9             | 138   |        | 4        |          |          |
| 72235 JACKSON/ALLEN C. THOMPSON FI  | 3219N    | 09004W    | 91        |           | 1010.6       | 1022.9         | 9.9         | 1.1    | 10.1           |        | 8             | 170   | 20     | 4        |          |          |
| 72240 LAKE CHARLES/MUN.,            | 3007N    | 09312W    | 5         |           | 1021.5       | 1022.8         | 12.7        | .8     | 12.2           |        | 7             | 119   | -9     | 3        |          |          |
| 72242 GALVESTON, TX.                | 2918N    | 09448W    | 16        |           | 1021.1       | 1021.5         | 14.3        | .7     | 14.0           |        | 7             | 112   | 24     | 5        |          |          |
| 72243 HOUSTON/INTERCONTINENTAL, TX  | 2958N    | 09521W    | 33        |           | 1017.7       | 1021.7         | 12.6        | .7     | 11.3           |        | 8             | 109   | 22     | 4        |          |          |
| 72247 LONGVIEW, TX.                 | 3221N    | 09439W    | 124       |           | 1008.6       | 1022.6         | 9.2         |        | 9.7            |        | 10            | 159   |        |          |          |          |
| 72248 SHREVEPORT/REG., LA.          | 3227N    | 09350W    | 85        |           | 1012.7       | 1022.4         | 9.3         | .4     | 9.7            |        | 9             | 200   | 96     | 5        |          |          |
| 72250 BROWNSVILLE/INT., TX          | 2555N    | 09725W    | 8         |           | 1018.9       | 1019.7         | 17.1        | .4     | 16.1           |        | 9             | 40    | 9      | 5        |          |          |
| 72251 CORPUS CHRISTI/INT.,          | 2746N    | 09730W    | 15        |           | 1018.7       | 1020.4         | 15.3        | .7     | 14.1           |        | 5             | 30    | -2     | 4        |          |          |
| 72253 SAN ANTONIO/INT.,             | 2932N    | 09828W    | 247       |           | 991.7        | 1020.3         | 12.1        | .9     | 10.5           |        | 11            | 72    | 34     | 5        |          |          |
| 72254 AUSTIN/CTY, TX.               | 3018N    | 09742W    | 193       |           | 998.0        | 1022.2         | 11.2        | .3     | 9.7            |        | 12            | 125   | 78     | 5        |          |          |
| 72255 VICTORIA/VICTORIA REGIONAL,   | 2851N    | 09655W    | 36        |           | 1016.7       | 1021.1         | 13.7        | .6     | 12.6           |        | 5             | 34    | -17    | 3        |          |          |
| 72256 WACO, MADISON-COOPER,         | 3137N    | 09713W    | 157       |           | 1003.4       | 1022.1         | 9.0         | -1     | 9.2            |        | 11            | 126   | 79     | 5        |          |          |
| 72259 DALLAS-FORT WORTH/FORT WORTH  | 3254N    | 09702W    | 182       |           | 1000.0       | 1021.8         | 8.7         | .4     | 8.3            |        | 7             | 111   | 65     | 5        |          |          |
| 72263 SAN ANGELO/MATHIS,            | 3122N    | 10030W    | 584       |           | 953.6        | 1021.7         | 8.0         | .2     | 7.3            |        | 6             | 26    | 6      | 5        |          |          |
| 72265 MIDLAND/MIDLAND REG. AIR TER  | 3156N    | 10210W    | 875       |           | 920.0        | 1020.3         | 5.5         | -1.5   | 6.0            |        | 7             | 41    | 27     | 5        |          |          |
| 72266 ABILENE/MUN., TX.             | 3225N    | 09941W    | 546       |           | 957.5        | 1021.8         | 6.7         | -8     | 7.3            |        | 10            | 49    | 23     | 5        |          |          |
| 72267 LUBBOCK/LUBBOCK INTERNATIONAL | 3339N    | 10140W    | 996       |           | 907.0        | 1020.8         | 3.3         | -1.5   | 5.8            |        | 7             | 38    | 25     | 6        |          |          |
| 72270 EL PASO/INT., TX.             | 3148N    | 10620W    | 1206      |           | 884.3        | 1019.0         | 5.4         | -1.3   | 5.4            |        | 5             | 19    | 5      | 5        |          |          |
| 72274 TUCSON/INT., AZ.              | 3207N    | 11050W    | 788       |           | 928.9        | 1018.1         | 9.4         | -1.7   | 6.4            |        | 7             | 52    | 25     | 5        |          |          |
| 72278 PHOENIX/SKY HARBOR,           | 3326N    | 11200W    | 344       |           | 978.6        | 1018.0         | 11.8        | -5     | 6.6            |        | 5             | 28    | 3      | 5        |          |          |
| 72290 SAN DIEGO/LINDBERGH,          | 3244N    | 11710W    | 9         |           | 1018.7       | 1019.6         | 13.1        | -1.0   | 7.6            |        | 3             | 22    | -17    | 4        |          |          |
| 72295 LOS ANGELES /INT.,            | 3356N    | 11820W    | 38        |           | 1007.5       | 1019.3         | 12.8        | -1.0   | 7.3            |        | 1             | 17    | -25    | 4        |          |          |
| 72304 CAPE HATTERAS, NC.            | 3516N    | 07533W    | 3         |           | 1022.5       | 1023.1         | 12.4        | 3.0    | 11.0           |        | 6             | 80    | -35    | 3        |          |          |
| 72306 RALEIGH/RALEIGH-DURHAM, NC.   | 3552N    | 07847W    | 134       |           | 1007.0       | 1023.3         | 9.2         | 3.3    | 8.4            |        | 6             | 52    | -30    | 3        |          |          |
| 72308 NORFOLK/INT., VA.             | 3654N    | 07612W    | 9         |           | 1021.5       | 1022.7         | 10.2        | 3.6    | 8.9            |        | 5             | 40    | -42    | 2        |          |          |
| 72310 COLUMBIA, SC.                 | 3357N    | 08107W    | 72        |           | 1014.9       | 1023.3         | 10.9        | 2.6    | 9.6            |        | 4             | 28    | -63    | 2        |          |          |
| 72312 GREENVILLE/GREENVILLE SPARTA  | 3454N    | 08213W    | 296       |           | 987.1        | 1022.5         | 9.2         | 2.9    | 8.8            |        | 9             | 101   | -4     | 3        |          |          |
| 72314 CHARLOTTE/DOUGLAS,            | 3513N    | 08056W    | 234       |           | 994.9        | 1023.2         | 8.8         | 2.9    | 9.1            |        | 6             | 87    | -1     | 4        |          |          |
| 72315 ASHEVILLE/MUN., NC.           | 3526N    | 08233W    | 661       |           | 945.1        | 1022.8         | 6.9         | 2.7    | 7.7            |        | 8             | 130   | 41     | 5        |          |          |
| 72317 GREENSBORO/G.-HIGH PT., NC.   | 3605N    | 07957W    | 277       |           | 990.1        | 1022.7         | 8.2         | 3.5    | 7.9            |        | 6             | 77    | -8     | 4        |          |          |
| 72323 HUNTSVILLE/MADISON CO., AL.   | 3439N    | 08646W    | 196       |           | 999.5        | 1023.3         | 8.2         | 2.1    | 8.2            |        | 9             | 162   | 13     | 4        |          |          |
| 72324 CHATTANOOGA/LOVELL FIELD, TN  | 3502N    | 08512W    | 210       |           | 998.1        | 1023.6         | 8.1         | 3.0    | 8.6            |        | 9             | 166   | 35     | 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. |
| 72326 KNOXVILLE/MUN., TN.                 | 3549N    | 08359W    | 299       |           | 987.1        | 1023.0         | 7.2         | 2.7    | 8.4            |        | 8             | 125   | 10     | 5        |          |          |
| 72327 NASHVILLE/METROPOLITAN, TN.         | 3607N    | 08641W    | 180       |           | 1000.7       | 1023.2         | 6.6         | 1.9    | 7.4            |        | 10            | 108   | -9     | 4        |          |          |
| 72340 LITTLE ROCK/ADAMS FLD,              | 3450N    | 09216W    | 173       |           | 1013.6       | 1023.6         | 7.6         |        | 7.8            |        | 10            | 197   |        | 5        |          |          |
| <b>72344 FORT SMITH/MUN., AR.</b>         | 3520N    | 09422W    | 143       |           | 1005.5       | 1022.7         | 7.1         | 2.5    | 7.2            |        | 10            | 87    | 10     | 5        |          |          |
| 72351 WICHITA FALLS/SHEPS AFB/WICH        | 3358N    | 09829W    | 314       |           | 984.4        | 1022.0         | 6.0         | .0     | 7.1            |        | 7             | 37    | 5      | 5        |          |          |
| <b>72353 OKLAHOMA CITY/W. ROGERS WORL</b> | 3523N    | 09736W    | 398       |           | 974.3        | 1021.9         | 5.1         | 1.0    | 6.5            |        | 6             | 47    | 12     | 5        |          |          |
| <b>72360 CLAYTON/MUN., NM.</b>            | 3627N    | 10300W    | 1515      |           | 849.0        | 1020.9         | -1.0        | -2.4   | 4.3            |        | 4             | 44    | 37     | 6        |          |          |
| <b>72365 ALBUQUERQUE/INT., NM.</b>        | 3502N    | 10630W    | 1619      |           | 840.1        | 1022.2         | .9          | -.9    | 4.1            |        | 5             | 31    | 19     | 5        |          |          |
| <b>72386 LAS VEGAS/MCCARRAN,</b>          | 3605N    | 11510W    | 664       |           | 942.4        | 1020.0         | 7.9         | .3     | 3.6            |        | 2             | 4     | -5     | 4        |          |          |
| <b>72389 FRESNO/AIR TERM.,</b>            | 3646N    | 11940W    | 101       |           | 1010.4       | 1022.4         | 7.6         | .2     | 6.7            |        | 0             | 0     | -36    | 1        |          |          |
| 72401 RICHMOND/BYRD, VA.                  | 3730N    | 07720W    | 54        |           | 1016.4       | 1023.2         | 8.0         | 3.5    | 7.6            |        | 5             | 52    | -30    | 3        |          |          |
| <b>72405 WASHINGTON/NAT., VA.</b>         | 3851N    | 07702W    | 20        |           | 1020.2       | 1022.7         | 7.3         | 3.2    | 7.0            |        | 6             | 125   | 46     | 5        |          |          |
| 72406 BALTIMORE/BALTIMORE-WASHINGT        | 3911N    | 07640W    | 48        |           | 1016.1       | 1022.0         | 5.7         | 3.1    | 6.8            |        | 6             | 114   | 28     | 5        |          |          |
| 72407 ATLANTIC CITY, NJ.                  | 3927N    | 07434W    | 21        |           | 1019.3       | 1022.0         | 6.1         | 4.0    | 7.2            |        | 9             | 93    | 9      | 4        |          |          |
| 72408 PHILADELPHIA/INT.,                  | 3953N    | 07515W    | 9         |           | 1020.8       | 1022.0         | 6.3         | 4.2    | 6.5            |        | 8             | 111   | 26     | 5        |          |          |
| 72411 ROANOKE/MUN., VA.                   | 3719N    | 07958W    | 358       |           | 980.1        | 1023.3         | 6.7         | 3.2    | 6.7            |        | 8             | 107   | 32     | 5        |          |          |
| 72412 BECKLEY (RALEIGH CTY. MEMORI        | 3747N    | 08107W    | 766       |           | 931.8        | 1022.8         | 4.4         | 3.3    | 6.3            |        | 10            | 102   | 20     | 4        |          |          |
| 72414 CHARLESTON/KANAWHA.,                | 3822N    | 08136W    | 299       |           | 986.1        | 1022.3         | 5.9         | 3.1    | 6.4            |        | 6             | 87    | 1      | 5        |          |          |
| 72421 CINCINNATI/GREATER CINCINNAT        | 3903N    | 08440W    | 271       |           | 989.1        | 1021.7         | 4.2         | 3.4    | 6.9            |        | 10            | 166   | 86     | 6        |          |          |
| <b>72422 LEXINGTON/BLUE GRASS, KY.</b>    | 3802N    | 08436W    | 301       |           | 985.9        | 1022.5         | 4.9         |        | 7.1            |        | 7             | 113   |        | 5        |          |          |
| 72423 LOUISVILLE/STANDIFORD, KY.          | 3811N    | 08544W    | 151       |           | 1003.7       | 1022.3         | 6.1         | 3.4    | 7.0            |        | 7             | 132   | 40     | 5        |          |          |
| 72425 HUNTINGTON, WV.                     | 3822N    | 08233W    | 255       |           | 991.3        | 1022.3         | 5.6         | 2.9    | 6.9            |        | 8             | 85    | 0      | 3        |          |          |
| 72428 COLUMBUS/PORT COLUMBUS, OH.         | 4000N    | 08253W    | 254       |           | 991.2        | 1021.7         | 3.9         | 4.0    | 6.7            |        | 13            | 138   | 66     | 6        |          |          |
| 72429 DAYTON/. COX, OH.                   | 3952N    | 08407W    | 307       |           | 984.6        | 1022.0         | 2.5         | 2.7    | 6.5            |        | 10            | 136   | 62     | 6        |          |          |
| <b>72432 EVANSVILLE/REG., IN.</b>         | 3803N    | 08732W    | 127       |           | 1008.1       | 1022.8         | 4.9         | 3.1    | 7.3            |        | 10            | 154   | 61     | 5        |          |          |
| 72434 ST. LOUIS/LAMBERT,                  | 3845N    | 09022W    | 174       |           | 995.3        | 1022.3         | 4.9         | 3.8    | 6.0            |        | 8             | 79    | 2      | 5        |          |          |
| 72438 INDIANAPOLIS/I.-MUN/WEIR COO        | 3944N    | 08616W    | 246       |           | 991.1        | 1021.3         | 3.3         | 3.9    | 6.5            |        | 9             | 130   | 46     | 5        |          |          |
| 72439 SPRINGFIELD/CAPITAL,                | 3951N    | 08940W    | 187       |           | 998.4        | 1021.6         | 3.1         | 4.4    | 6.2            |        | 9             | 67    | -2     | 5        |          |          |
| <b>72445 COLUMBIA/REGIONAL,</b>           | 3849N    | 09213W    | 274       |           | 988.2        | 1021.8         | 3.2         | 3.3    | 6.0            |        | 7             | 89    | 27     | 5        |          |          |
| <b>72451 DODGE CITY/MUN., KS.</b>         | 3745N    | 09958W    | 790       |           | 928.2        | 1021.9         | -.2         | -.5    | 5.0            |        | 4             | 54    | 38     | 6        |          |          |
| <b>72458 CONCORDIA/BLOSSER MUN., KS.</b>  | 3933N    | 09739W    | 453       |           | 966.9        | 1021.7         | 1.1         | 2.4    | 5.1            |        | 5             | 48    | 27     | 5        |          |          |
| <b>72476 GRAND JUNCTION/WALKER FIELD,</b> | 3907N    | 10830W    | 1474      |           | 855.7        | 1023.9         | -1.8        | .0     | 3.3            |        | 3             | 9     | -6     | 3        |          |          |
| <b>72483 SACRAMENTO/EXECUTIVE CA.</b>     | 3831N    | 12130W    | 8         |           | 1021.7       | 1022.6         | 7.6         | .2     | 6.9            |        | 1             | 7     | -56    | 2        |          |          |
| <b>72486 ELY/YELLAND, NV.</b>             | 3917N    | 11450W    | 1909      |           | 811.8        | 1025.5         | -3.5        | .1     | 2.9            |        | 2             | 6     | -11    | 3        |          |          |
| 72488 RENO/INT., NV.                      | 3930N    | 11940W    | 1344      |           | 872.1        | 1025.9         | .9          | .5     | 2.9            |        | 0             | 0     | -25    | 1        |          |          |
| 72494 SAN FRANCISCO/INT.,                 | 3737N    | 12220W    | 6         |           | 1021.8       | 1022.5         | 9.6         | -.1    | 8.0            |        | 2             | 3     | -75    | 1        |          |          |
| 72503 NEW YORK/LA GUARDIA,                | 4046N    | 07354W    | 9         |           | 1019.6       | 1021.0         | 6.3         | 3.7    | 5.9            |        | 7             | 100   | 14     | 5        |          |          |
| 72507 PROVIDENCE/GREEN STATE, RI.         | 4144N    | 07126W    | 19        |           | 1017.9       | 1020.4         | 4.0         | 3.6    | 6.2            |        | 9             | 100   | -11    | 4        |          |          |
| 72508 HARTFORD/BRADLEY INTNL., CT.        | 4156N    | 07241W    | 55        |           | 1013.4       | 1020.3         | 3.1         | 4.5    | 5.3            |        | 8             | 127   | 28     | 5        |          |          |
| 72509 BOSTON/LOGAN INT.,                  | 4222N    | 07102W    | 9         |           | 1018.7       | 1019.9         | 4.5         | 3.6    | 5.9            |        | 8             | 101   | 0      | 4        |          |          |
| 72513 WILKES-BARRE-SCRANTON, PA.          | 4120N    | 07544W    | 292       |           | 984.9        | 1020.4         | 2.3         | 3.4    | 5.5            |        | 8             | 79    | 16     | 4        |          |          |
| 72515 BINGHAMTON/BROOME CO., NY.          | 4213N    | 07559W    | 497       |           | 959.9        | 1020.7         | .6          | 3.7    | 4.7            |        | 9             | 79    | 3      | 3        |          |          |
| 72517 ALLENTOWN/A.-BETHLEHEM-EASTO        | 4039N    | 07526W    | 118       |           | 1006.9       | 1021.6         | 3.6         | 3.7    | 6.1            |        | 7             | 106   | 18     | 5        |          |          |
| <b>72519 SYRACUSE/HANCOCK,</b>            | 4307N    | 07607W    | 128       |           | 1003.9       | 1019.6         | 2.2         | 4.3    | 5.4            |        | 16            | 63    | -18    | 3        |          |          |
| <b>72520 PITTSBURGH/GREATER PITTSBURG</b> | 4030N    | 08013W    | 373       |           | 976.6        | 1022.0         | 3.1         | 3.4    | 5.9            |        | 10            | 63    | -11    | 3        |          |          |
| 72521 AKRON/AKRON-CANTON REG. OH.         | 4055N    | 08126W    | 377       |           | 975.2        | 1021.1         | 2.4         | 3.1    | 6.1            |        | 11            | 121   | 47     | 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. |
| 72525 YOUNGSTOWN, OH.                     | 4116N    | 08040W    | 365       |           | 976.8        | 1021.0         | 2.1         | 3.5    | 6.0            |        | 12            | 112   | 38     | 5        | 97       | 141      |
| 72528 BUFFALO/GREATER BUFFALO INT.        | 4256N    | 07843W    | 219       |           | 993.2        | 1019.8         | 2.0         | 3.6    | 5.8            |        | 13            | 92    | -1     | 5        |          |          |
| 72529 ROCHESTER/ROCHESTER-MONROE C        | 4307N    | 07740W    | 171       |           | 998.7        | 1019.9         | 1.8         | 3.4    | 5.3            |        | 12            | 63    | -6     | 4        |          |          |
| 72530 CHICAGO/O'HARE, IL.                 | 4159N    | 08754W    | 205       |           | 994.6        | 1020.1         | 1.8         | 4.8    | 5.4            |        | 8             | 67    | 5      | 5        |          |          |
| <b>72532 PEORIA/GREATER PEORIA MUN.,</b>  | 4040N    | 08941W    | 202       |           | 996.2        | 1021.2         | 1.9         | 4.7    | 5.7            |        | 7             | 73    | 11     | 5        |          |          |
| 72533 FORT WAYNE/MUN.,                    | 4100N    | 08512W    | 252       |           | 990.2        | 1021.3         | 1.8         | 3.7    | 6.0            |        | 10            | 96    | 23     | 5        |          |          |
| 72535 SOUTH BEND/ST.JOSEPH CO., IN        | 4142N    | 08619W    | 241       |           | 991.7        | 1020.7         | 1.8         | 3.5    | 5.5            |        | 7             | 67    | -16    | 4        |          |          |
| 72536 TOLEDO/EXPRESS, OH.                 | 4136N    | 08348W    | 211       |           | 994.6        | 1020.7         | 1.8         | 4.1    | 5.8            |        | 8             | 86    | 12     | 4        |          |          |
| 72537 DETROIT/METROPOLITAN, MI.           | 4214N    | 08320W    | 202       |           | 996.7        | 1020.3         | 2.0         | 4.1    | 5.6            |        | 7             | 54    | -17    | 4        |          |          |
| 72543 ROCKFORD/GREATER ROCKFORD, I        | 4212N    | 08906W    | 226       |           | 993.1        | 1020.7         | .3          | 4.7    | 5.1            |        | 6             | 52    | 0      | 3        |          |          |
| 72544 MOLINE/QUAD CITY,                   | 4127N    | 09031W    | 181       |           | 997.8        | 1020.4         | 1.2         | 4.9    | 5.5            |        | 6             | 68    | 12     | 5        |          |          |
| <b>72546 DES MOINES/MUN., IA.</b>         | 4132N    | 09339W    | 294       |           | 984.7        | 1020.8         | .5          | 4.7    | 5.0            |        | 7             | 64    | 31     | 5        |          |          |
| 72550 EPPLEY FIELD, OMAHA,                | 4118N    | 09554W    | 300       |           | 984.8        | 1021.5         | -1.1        | 2.7    | 4.7            |        | 6             | 43    | 18     | 5        |          |          |
| 72551 LINCOLN/MUN., NE.                   | 4051N    | 09645W    | 365       |           | 977.7        | 1021.9         | .5          | 4.1    | 4.8            |        | 6             | 40    | 18     | 5        |          |          |
| <b>72556 NORFOLK/KARL STEFAN,</b>         | 4159N    | 09726W    | 479       |           | 963.2        | 1020.9         | -2.3        | 2.8    | 4.3            |        | 5             | 20    | 2      | 5        |          |          |
| 72557 SIOUX CITY/MUN., IA.                | 4224N    | 09623W    | 336       |           | 979.6        | 1021.1         | -3.0        | 2.7    | 4.5            |        | 4             | 20    | 1      | 5        |          |          |
| <b>72562 NORTH PLATTE/LEE BIRD, NE.</b>   | 4107N    | 10040W    | 849       |           | 920.8        | 1022.3         | -2.4        | 1.9    | 4.1            |        | 4             | 8     | -3     | 4        |          |          |
| 72564 CHEYENNE, WY.                       | 4109N    | 10440W    | 1876      |           | 811.4        | 1021.4         | -3.3        |        | 3.0            |        | 4             | 11    |        | 5        |          |          |
| 72569 CASPER/NATRONA COUNTY, INTNL        | 4255N    | 10620W    | 1630      |           | 838.4        | 1022.1         | -4.4        | .2     | 3.1            |        | 3             | 18    | 2      | 5        |          |          |
| 72572 SALT LAKE CITY/INTNL UT.            | 4047N    | 11150W    | 1288      |           | 877.2        | 1025.9         | -1.4        | -.1    | 3.7            |        | 01            | 1     | -34    | 1        |          |          |
| <b>72576 LANDER/HUNT, WY.</b>             | 4249N    | 10840W    | 1703      |           | 830.2        | 1024.5         | -8.5        | -2.3   | 2.6            |        | 4             | 25    | 11     | 5        | 102      | 90       |
| <b>72578 POCATELLO/MUN., ID.</b>          | 4255N    | 11230W    | 1365      |           | 869.0        | 1028.2         | -5.6        | -1.6   | 3.5            |        | 2             | 5     | -23    | 1        |          |          |
| <b>72583 WINNEMUCCA/MUN., NV.</b>         | 4054N    | 11740W    | 1322      |           | 875.1        | 1028.0         | -3.7        | -2.5   | 3.0            |        | 0             | 0     | -22    | 0        |          |          |
| <b>72594 EUREKA, CA.</b>                  | 4048N    | 12410W    | 18        |           |              |                | 6.9         | -2.2   |                |        | 5             | 56    | -97    | 2        |          |          |
| 72597 MEDFORD/MEDFORD-JACKSON COUN        | 4223N    | 12250W    | 398       |           | 977.6        | 1027.0         | 1.9         |        | 5.7            |        | 3             | 24    |        | 2        |          |          |
| 72605 CONCORD/MUN., NH.                   | 4312N    | 07130W    | 105       |           | 1006.6       | 1019.8         | -.3         |        | 4.8            |        | 9             | 102   |        | 5        |          |          |
| 72606 PORTLAND/INTNL. JET PORT, ME        | 4339N    | 07019W    | 23        |           | 1016.8       | 1019.3         | .8          | 3.9    | 5.1            |        | 9             | 89    | -26    | 4        |          |          |
| <b>72613 MOUNT WASHINGTON,</b>            | 4416N    | 07118W    | 1910      |           |              |                | -8.7        | 4.1    |                |        |               | 189   | -57    | 2        |          |          |
| <b>72617 BURLINGTON/INT., VT.</b>         | 4428N    | 07309W    | 104       |           | 1006.6       | 1019.6         | -.7         | 4.3    | 4.3            |        | 12            | 57    | -4     | 4        |          |          |
| 72635 GRAND RAPIDS/KENT CO., MI.          | 4253N    | 08531W    | 245       |           | 989.5        | 1019.7         | 1.7         | 4.4    | 5.4            |        | 12            | 66    | -6     | 3        | 70       | 113      |
| 72636 MUSKEGON/COUNTY, MI.                | 4310N    | 08615W    | 193       |           | 995.6        | 1019.5         | 2.4         | 4.3    | 5.6            |        | 9             | 60    | -17    | 4        |          |          |
| 72637 FLINT/BISHOP, MI.                   | 4258N    | 08345W    | 238       |           | 991.0        | 1020.0         | .8          | 3.5    | 5.3            |        | 10            | 53    | 0      | 5        |          |          |
| 72640 MILWAUKEE/GEN. MITCHELL, WI.        | 4257N    | 08754W    | 220       |           | 993.3        | 1019.6         | .8          | 5.0    | 4.9            |        | 6             | 57    | -2     | 5        |          |          |
| 72641 MADISON/DANE COUNTY REGIONAL        | 4308N    | 08920W    | 264       |           | 986.9        | 1019.5         | -.6         | 5.1    | 4.7            |        | 6             | 57    | 11     | 5        |          |          |
| 72644 ROCHESTER/MUN., MN.                 | 4355N    | 09230W    | 402       |           | 969.9        | 1019.5         | -3.2        | 5.0    | 4.5            |        | 6             | 31    | 5      | 4        |          |          |
| 72645 GREEN BAY/A.-STRAUBEL, WI.          | 4429N    | 08806W    | 209       |           | 992.0        | 1018.9         | -1.6        | 5.0    | 4.5            |        | 6             | 36    | -2     | 4        |          |          |
| 72651 SIOUX FALLS/FOSS FIELD, SD.         | 4335N    | 09644W    | 435       |           | 966.6        | 1020.0         | -2.8        | 4.8    | 3.9            |        | 3             | 16    | -1     | 4        |          |          |
| <b>72654 HURON/HURON REGIONAL SD.</b>     | 4423N    | 09813W    | 393       |           | 971.4        | 1019.7         | -2.7        | 5.0    | 3.9            |        | 1             | 6     | -5     | 3        |          |          |
| <b>72658 MINNEAPOLIS/ST.PAUL INT., MN</b> | 4453N    | 09313W    | 256       |           | 987.1        | 1018.9         | -2.3        | 5.5    | 3.8            |        | 4             | 25    | -2     | 5        |          |          |
| 72659 ABERDEEN/REG., SD.                  | 4527N    | 09824W    | 398       |           | 970.3        | 1019.2         | -4.2        | 5.1    | 3.6            |        | 2             | 8     | -2     | 3        |          |          |
| 72662 RAPID CITY/REGIONAL AIRPORT,        | 4440N    | 10310W    | 1030      |           | 906.1        | 1020.7         | -2.2        | 2.1    | 3.8            |        | 3             | 7     | -4     | 3        |          |          |
| <b>72666 SHERIDAN/COUNTY, WY.</b>         | 4446N    | 10650W    | 1226      |           | 879.9        | 1021.7         | -3.5        | 1.7    | 3.5            |        | 5             | 15    | -2     | 4        |          |          |
| 72677 BILLINGS/LOGAN INT.,                | 4548N    | 10830W    | 1099      |           | 893.2        | 1020.8         | -.6         | 3.0    | 3.2            |        | 3             | 5     | -15    | 2        |          |          |
| <b>72681 BOISE/MUN., ID.</b>              | 4334N    | 11610W    | 872       |           | 923.6        | 1027.4         | -.4         | .7     | 3.9            |        | 3             | 9     | -25    | 2        |          |          |
| <b>72688 PENDLETON, OR.</b>               | 4541N    | 11850W    | 456       |           | 970.2        | 1025.9         | .1          | -1.2   | 5.2            |        | 3             | 10    | -31    | 2        |          |          |
| 72698 PORTLAND/INT., OR.                  | 4536N    | 12230W    | 12        |           | 1022.6       | 1026.8         | 4.0         | -.6    | 7.0            |        | 9             | 64    | -91    | 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>72712 CARIBOU/MUN., ME.</b>        | 4652N    | 06800W    | 191       |           | 993.4        | 1017.6         | -5.2        | 4.4    | 3.9            |        | 14            | 85    | 4      | 5        |          |          |
| <b>72743 MARQUETTE, MI.</b>           | 4632N    | 08733W    | 434       |           |              |                | -5.2        | 3.0    |                |        | 9             | 48    | -18    | 5        |          |          |
| 72745 DULUTH/INT., MN.                | 4650N    | 09211W    | 436       |           | 963.7        | 1017.4         | -5.6        | 5.1    | 3.2            |        | 4             | 14    | -17    | 3        |          |          |
| 72747 INT.FALLS/FALLS INT. MN.        | 4833N    | 09323W    | 362       |           | 971.3        | 1016.6         | -7.3        | 6.5    | 3.1            |        | 5             | 13    | -8     | 2        |          |          |
| 72753 FARGO/HECTOR FIELD,             | 4654N    | 09648W    | 274       |           | 983.8        | 1018.1         | -3.7        | 7.6    | 3.3            |        | 4             | 9     | -7     | 3        |          |          |
| <b>72764 BISMARCK/MUN., ND.</b>       | 4646N    | 10040W    | 505       |           | 956.9        | 1019.0         | -3.8        | 6.2    | 3.8            |        | 4             | 12    | -1     | 4        |          |          |
| 72767 WILLISTON/SLOULIN FIELD INT.    | 4811N    | 10330W    | 592       |           | 947.5        | 1018.5         | -3.8        | 6.6    | 3.9            |        | 2             | 5     | -9     | 2        |          |          |
| <b>72768 GLASGOW/INT., MT.</b>        | 4812N    | 10630W    | 693       |           | 934.3        | 1019.3         | -4.5        | 4.8    | 3.9            |        | 3             | 9     | 0      | 4        |          |          |
| <b>72772 HELENA/COUNTY-CITY,</b>      | 4636N    | 11200W    | 1188      |           | 885.3        | 1025.6         | -3.3        | 2.7    | 3.4            |        |               | 2     | -13    | 2        |          |          |
| 72773 MISSOULA / JOHNSON-BELL FIEL    | 4655N    | 11400W    | 976       |           | 910.6        | 1026.8         | -3.5        | 1.3    | 3.9            |        | 5             | 15    | -14    | 2        |          |          |
| 72781 YAKIMA/YAKIMA AIR TERMINAL,     | 4634N    | 12030W    | 332       |           | 987.0        | 1027.1         | -1.4        | -.2    | 4.4            |        | 3             | 9     | -26    | 2        |          |          |
| 72785 SPOKANE/INT., WA.               | 4738N    | 11730W    | 721       |           | 938.8        | 1025.8         | -1.8        | .5     | 4.6            |        | 6             | 26    | -35    | 2        |          |          |
| <b>72792 OLYMPIA, WA.</b>             | 4658N    | 12250W    | 62        |           | 1018.3       | 1026.1         | 2.7         | -.7    | 7.2            |        | 7             | 119   | -87    | 2        |          |          |
| 72793 SEATTLE/S.-TACOMA,              | 4727N    | 12210W    | 137       |           | 1009.4       | 1026.5         | 4.0         | -.7    | 7.2            |        | 6             | 57    | -93    | 2        |          |          |
| 72797 QUILLAYUTE, WA.                 | 4757N    | 12430W    | 56        |           | 1016.9       | 1024.9         | 4.3         |        | 8.1            |        | 16            | 201   |        | 2        |          |          |
| <b>74492 BLUE HILL OBS. MA.</b>       | 4213N    | 07107W    | 195       |           |              |                | 3.1         | 4.2    |                |        |               | 98    | -21    | 3        |          |          |
| 74745 AUSTIN-BERGSTROM INTL AIRPOR    | 3011N    | 09741W    | 202       |           | 1003.4       | 1021.8         | 10.7        |        | 10.5           |        | 10            | 124   |        |          |          |          |
| <b>CANADA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 71017 STEFANSSON ISLAND, NU           | 7345N    | 10510W    | 11        |           | 1006.0       | 1007.5         | -29.6       |        | .4             |        | 1             | 4     |        |          |          |          |
| 71018 RESOLUTE CS, NU                 | 7442N    | 09459W    | 68        |           | 995.8        | 1004.8         | -27.1       |        | .6             |        | 2             | 14    |        |          |          |          |
| 71026 MEDICINE HAT RCS, ALTA          | 5001N    | 11040W    | 717       |           | 930.8        | 1017.3         |             |        | 3.7            |        |               |       |        |          |          |          |
| 71029 HOLMAN CS, NWT                  | 7045N    | 11740W    | 30        |           | 1005.4       | 1009.4         | -26.5       |        | .6             |        | 6             | 32    |        |          |          |          |
| 71049 WAGER BAY (AUT), MAN            | 6552N    | 08926W    | 18        |           | 998.6        | 1001.1         | -25.3       |        |                |        | 01            | 1     |        |          |          |          |
| <b>71066 HIGH LEVEL A, ALTA</b>       | 5837N    | 11700W    | 338       |           | 968.6        | 1011.5         | -11.3       | 8.9    | 2.0            |        | 5             | 14    | -8     | 2        |          |          |
| <b>71069 SLAVE LAKE A, ALTA</b>       | 5517N    | 11440W    | 583       |           | 942.4        | 1013.7         | -4.6        | 8.8    | 3.7            |        | 4             | 8     | -17    | 1        |          |          |
| <b>71079 THOMPSON</b>                 | 5548N    | 09752W    | 222       |           | 983.5        | 1012.5         | -16.7       | 5.4    | 1.8            |        | 6             | 20    | -8     | 3        |          |          |
| 71101 SANDSPIT AWOS, BC               | 5315N    | 13140W    | 6         |           | 1016.9       |                |             |        |                |        | 14            | 134   | -39    | 2        |          |          |
| 71109 PORT HARDY A, BC                | 5040N    | 12720W    | 22        |           | 1020.3       | 1023.0         | 4.3         | 1.0    | 7.0            |        | 21            | 240   | -20    | 3        |          |          |
| <b>71120 COLD LAKE A, ALTA</b>        | 5425N    | 11010W    | 541       |           | 947.4        | 1014.1         | -5.9        | 9.1    | 3.1            |        | 2             | 9     | -12    | 1        |          |          |
| <b>71122 BANFF CS, ALTA</b>           | 5112N    | 11530W    | 1397      |           | 857.7        | 1020.7         | -8.0        | 1.5    | 3.0            |        | 1             | 1     | -33    | 1        |          |          |
| 71158 BERENS RIVER CS, MAN            | 5221N    | 09702W    | 222       |           | 985.7        | 1014.0         | -10.6       |        | 2.7            |        | 5             | 11    |        | 2        |          |          |
| <b>71160 FORT RELIANCE (AUT), NWT</b> | 6242N    | 10900W    | 168       |           | 987.9        | 1010.0         | -19.3       |        | 1.3            |        | 3             | 9     |        | 2        |          |          |
| <b>71185 DANIELS HARBOUR,</b>         | 5014N    | 05734W    | 18        |           | 1011.5       | 1013.9         | -3.0        | 1.1    |                |        | 13            | 78    | -28    | 2        |          |          |
| <b>71197 PORT AUX BASQUES,</b>        | 4734N    | 05909W    | 40        |           | 1012.0       | 1017.0         | -.3         | 1.4    | 5.2            |        | 14            | 114   | -58    | 1        |          |          |
| 71199 WATSON LAKE (AUT), YT           | 6007N    | 12840W    | 690       |           | 927.6        | 1013.2         | -14.5       |        | 2.1            |        |               |       |        |          |          |          |
| 71279 SEPT-ILES, QUE                  | 5013N    | 06615W    | 53        |           | 1009.1       | 1015.8         | -10.6       |        | 2.7            |        | 11            | 66    |        |          |          |          |
| 71288 CAMBRIDGE BAY GSN, NU           | 6906N    | 10500W    | 19        |           | 1004.0       | 1006.4         | -28.8       |        | .5             |        | 2             | 13    |        |          |          |          |
| 71299 KAPUSKASING CDA ON, ONT         | 4924N    | 08226W    | 218       |           | 988.5        | 1016.9         | -11.9       |        | 2.8            |        | 5             | 24    |        | 0        |          |          |
| 71309 MOOSONEE RCS, ONT               | 5117N    | 08037W    | 9         |           | 1015.2       | 1016.4         | -14.4       |        | 2.0            |        | 13            | 34    |        |          |          |          |
| 71320 HALL BEACH CLIMATE, NU          | 6846N    | 08114W    | 8         |           | 995.9        | 995.9          | -23.7       |        | 1.0            |        |               | 4     |        |          |          |          |
| 71321 IQALUIT CLIMATE, NU             | 6345N    | 06833W    | 34        |           | 995.4        | 999.8          | -16.2       |        | 1.6            |        | 01            | 1     |        |          |          |          |
| 71322 ARVIAT CLIMATE, NU              | 6106N    | 09404W    | 10        |           | 1005.4       | 1006.7         | -22.6       |        | 1.0            |        | 15            | 50    |        |          |          |          |
| 71350 HARRINGTON CDA CS, PEI          | 4621N    | 06310W    | 53        |           | 1010.3       | 1016.9         | -.5         |        | 5.2            |        | 12            | 121   |        |          |          |          |
| 71355 ALERT CLIMATE, NU               | 8230N    | 06220W    | 65        |           | 998.9        | 1007.7         | -28.9       |        | .5             |        | 01            | 1     |        |          |          |          |
| 71356 BAKER LAKE CLIMATE, NU          | 6419N    | 09600W    | 51        |           | 998.4        | 1005.3         | -26.1       |        | .7             |        | 3             | 10    |        |          |          |          |

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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. |
| 71358 CLYDE RIVER CLIMATE, NU    | 7029N    | 06831W    | 27        |           | 996.6        | 1000.1         | -24.1       |        | .9             |        | 10            | 62    |        |          |          |          |
| 71361 HAY RIVER CLIMATE, NWT     | 6050N    | 11540W    | 164       |           | 988.0        | 1009.2         | -13.4       |        | 1.9            |        | 3             | 14    |        |          |          |          |
| 71362 FORT SMITH CLIMATE, NWT    | 6001N    | 11150W    | 203       |           | 983.2        | 1009.4         | -13.8       |        | 1.9            |        | 7             | 18    |        |          |          |          |
| 71363 GJOA HAVEN CLIMATE, NU     | 6838N    | 09551W    | 42        |           | 996.0        | 1001.4         | -27.2       |        | .6             |        | 1             | 48    |        |          |          |          |
| 71364 INUVIK CLIMATE, NWT        | 6819N    | 13330W    | 103       |           | 996.3        | 1010.1         | -21.4       |        | 1.0            |        | 3             | 5     |        |          |          |          |
| 71365 FORT SIMPSON CLIMATE, NWT  | 6145N    | 12110W    | 168       |           | 987.9        | 1009.9         | -17.5       |        | 1.6            |        | 3             | 7     |        |          |          |          |
| 71407 RESERVED OR UNKNOWN        | 9999N    | 99999E    |           |           | 998.3        | 1000.5         | -26.2       |        | .7             |        | 1             | 3     |        |          |          |          |
| 71434 PEAWANUCK (AUT), ONT       | 5459N    | 08526W    | 52        |           | 1004.7       | 1011.6         |             |        | 1.4            |        | 6             | 11    |        |          |          |          |
| 71446 SWIFT CURRENT CDA, SASK    | 5016N    | 10740W    | 825       |           | 917.2        | 1016.7         | -5.5        |        | 3.5            |        | 4             | 10    |        | 2        |          |          |
| 71467 SACHS HARBOUR CLIMATE, NWT | 7200N    | 12510W    | 88        |           | 998.9        | 1010.9         | -26.6       |        | .6             |        | 1             | 4     |        |          |          |          |
| 71480 RESERVED OR UNKNOWN        | 9999N    | 99999E    |           |           | 997.4        | 1010.0         | -21.1       |        | 1.1            |        | 4             | 12    |        |          |          |          |
| 71490 ROBERTSON LAKE (AUT), NU   | 6505N    | 10220W    | 244       |           | 976.2        | 1009.6         | -26.3       |        | .7             |        | 2             | 8     |        |          |          |          |
| 71493 PARRSBORO, NS              | 4524N    | 06420W    | 31        |           | 1013.6       | 1017.4         | .0          |        | 5.7            |        | 12            | 142   |        |          |          |          |
| 71550 DAUPHIN CS, MAN            | 5106N    | 10000W    | 305       |           | 976.8        | 1015.1         | -7.6        |        | 3.0            |        | 01            | 1     |        |          |          |          |
| 71570 GREAT FALLS CLIMATE, MAN   | 5031N    | 09558W    | 253       |           | 984.2        | 1016.1         | -8.2        |        | 2.8            |        | 2             | 8     |        |          |          |          |
| 71585 FORT MCMURRAY CS, ALTA     | 5639N    | 11110W    | 369       |           | 965.0        | 1011.7         | -9.9        |        | 3.1            |        | 2             | 15    |        |          |          |          |
| 71586 LA RONGE RCS, SASK         | 5509N    | 10510W    | 379       |           | 965.0        | 1012.4         | -10.2       |        | 2.7            |        | 9             | 21    |        | 3        |          |          |
| 71590 EDMUNDSTON, NB             | 4725N    | 06819W    | 157       |           | 997.6        | 1017.2         | -7.4        |        | 3.5            |        | 10            | 78    |        |          |          |          |
| 71592 ARCTIC BAY CS, NU          | 7259N    | 08500W    | 10        |           | 1000.1       | 1001.5         | -23.8       |        | .7             |        | 0             | 0     |        |          |          |          |
| 71600 SABLE ISLAND, NS           | 4355N    | 06000W    | 5         |           | 1018.2       | 1018.9         | 5.0         | 2.7    | 7.1            |        | 15            | 97    | -48    | 1        |          |          |
| 71695 THE PAS CLIMATE, MAN       | 5358N    | 10106W    | 274       |           | 978.6        | 1012.8         | -10.8       |        | 2.5            |        | 4             | 14    |        |          |          |          |
| 71696 CHURCHILL CLIMATE, MAN     | 5844N    | 09404W    | 29        |           | 1004.2       | 1008.0         | -19.3       |        | 1.3            |        | 3             | 14    |        |          |          |          |
| 71713 LA POCATIERE, QUE          | 4721N    | 07001W    | 31        |           |              |                | -4.2        |        | 4.0            |        | 15            | 68    |        | 2        |          |          |
| 71721 MANIWAKI AIRPORT, QUE      | 4616N    | 07559W    | 201       |           | 993.4        | 1018.6         | -5.9        |        | 3.9            |        | 17            | 57    |        | 2        |          |          |
| 71727 BAGOTVILLE A, QUE          | 4820N    | 07100W    | 159       |           | 997.7        | 1018.0         | -8.3        | 3.8    | 3.2            |        | 16            | 65    | -12    | 3        |          |          |
| 71741 KAMLOOPS AUT, BC           | 5042N    | 12026W    | 345       |           | 981.6        | 1024.6         | -1.2        |        | 4.4            |        | 1             | 4     |        |          |          |          |
| 71742 GANDER AIRPORT CS, NFLD    | 4856N    | 05434W    | 151       |           | 996.9        | 1015.8         | -3.1        |        | 4.5            |        |               |       |        |          |          |          |
| 71743 RIVIERE AUX FEUILLES, QUE  | 5754N    | 07258W    | 171       |           | 984.6        | 1006.8         | -16.4       |        | 1.6            |        | 1             | 3     |        |          |          |          |
| 71816 GOOSE A, NFLD              | 5319N    | 06025W    | 49        |           | 1006.7       | 1013.0         | -12.8       | .6     | 2.0            |        | 7             | 97    | 20     | 4        | 109      | 140      |
| 71818 CARTWRIGHT, NFLD           | 5342N    | 05702W    | 15        |           | 1008.9       | 1010.7         | -9.3        | .1     | 2.8            |        | 7             | 45    | -42    | 1        | 96       | 150      |
| 71823 LA GRANDE IV A, QUE        | 5345N    | 07340W    | 306       |           | 975.0        | 1015.1         | -17.0       |        | 1.6            |        | 8             | 24    |        | 0        |          |          |
| 71827 LA GRANDE RIVIERE A,       | 5338N    | 07742W    | 195       |           | 988.7        | 1014.0         | -15.7       |        | 1.8            |        | 12            | 30    |        | 2        |          |          |
| 71828 SCHEFFERVILLE A, QUE       | 5448N    | 06648W    | 518       |           | 946.1        | 1012.2         | -17.7       | 1.8    | 1.3            |        | 8             | 26    | -27    | 1        |          |          |
| 71842 SIOUX LOOKOUT A, ONT       | 5007N    | 09154W    | 390       |           | 967.6        | 1015.9         | -10.4       | 5.0    | 2.6            |        | 8             | 26    | -9     | 2        |          |          |
| 71844 BIG TROUT LAKE READAC, ONT | 5348N    | 08953W    | 222       |           | 985.4        | 1014.2         | -15.8       |        | 1.7            |        | 4             | 9     |        | 0        |          |          |
| 71862 ESTEVAN A, SASK            | 4913N    | 10250W    | 584       |           | 946.2        | 1017.7         | -5.2        | 6.7    | 3.5            |        | 4             | 14    | -4     | 3        |          |          |
| 71869 PRINCE ALBERT A, SK        | 5313N    | 10540W    | 428       |           | 960.8        | 1014.2         | -8.2        | 8.7    | 3.0            |        | 3             | 8     | -11    | 1        |          |          |
| 71894 ESTEVAN POINT CS, BC       | 4923N    | 12630W    | 7         |           | 1022.9       | 1023.8         | 5.3         |        | 8.5            |        | 17            | 300   |        | 1        |          |          |
| 71906 KUUJUAQ A, QUE             | 5806N    | 06825W    | 44        |           | 1002.8       | 1008.0         | -15.5       | 3.6    | 1.5            |        | 6             | 16    | -24    | 1        |          |          |
| 71907 INUKJUAQ A, QUE            | 5828N    | 07805W    | 28        |           | 1001.8       | 1005.1         | -13.8       | 4.3    | 2.0            |        | 13            | 40    | 15     | 5        |          |          |
| 71915 CORAL HARBOUR A,           | 6411N    | 08321W    | 64        |           | 992.6        | 1000.9         | -24.4       | 1.1    | .9             |        | 4             | 17    | 7      | 4        |          |          |
| 71917 EUREKA, NU                 | 7959N    | 08556W    | 11        |           | 1006.3       | 1007.8         | -36.0       | -1.5   | .2             |        |               | 2     | 0      | 3        |          |          |
| 71923 ENNADAI LAKE (AUT), NU     | 6107N    | 10050W    | 353       |           | 962.5        | 1008.4         | -21.8       |        | 1.1            |        | 1             | 2     |        |          |          |          |
| 71945 FORT NELSON A, BC          | 5850N    | 12230W    | 389       |           | 962.6        | 1010.8         | -12.0       | 8.3    | 1.8            |        | 5             | 13    | -5     | 3        |          |          |
| 71964 WHITEHORSE A, YT           | 6042N    | 13500W    | 706       |           | 921.6        | 1007.6         | -7.0        | 8.9    | 3.0            |        | 7             | 29    | 11     | 5        |          |          |
| 71966 DAWSON, YT                 | 6403N    | 13900W    | 370       |           | 961.8        | 1009.2         | -18.9       |        | 1.4            |        | 7             | 34    |        | 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. |
| 71984 PAULATUK, NWT                | 6921N    | 12400W    | 6         |           | 1009.5       | 1010.4         | -23.3       |        | .9             |        | 1             | 2     |        |          |          |          |
| 71989 MOULD BAY CS, NWT            | 7614N    | 11920W    | 2         |           | 1010.7       | 1012.4         | -30.5       |        | .4             |        | 1             | 1     |        | 1        |          |          |
| 71990 MACMILLAN PASS, NWT          | 6314N    | 13000W    | 1379      |           | 845.0        | 1007.2         | -13.1       |        | 2.2            |        | 19            | 61    |        |          |          |          |
| <b>MEXICO</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 76225 CHIHUAHUA, CHIH.             | 2838N    | 10600W    | 1433      |           | 863.3        | 1016.6         | 8.9         |        | 5.3            |        | 0             | 0     |        | 0        | 222      | 225      |
| 76243 PIEDRAS NEGRAS, COAH.        | 2842N    | 10030W    | 250       |           | 991.9        | 1021.9         | 11.5        |        | 10.3           |        | 12            | 61    |        | 3        | 117      | 255      |
| 76256 EMPALME, SON.                | 2757N    | 11040W    | 12        |           | 1017.0       | 1018.4         | 16.4        |        | 11.0           |        | 2             | 12    |        | 3        | 236      | 195      |
| 76311 CHOIX, SIN.                  | 2644N    | 10810W    | 238       |           | 987.4        | 1015.6         | 16.0        |        | 11.5           |        | 1             | 3     |        | 1        | 177      | 185      |
| 76382 TORREON, COAH.               | 2532N    | 10320W    | 1124      |           | 891.3        | 1015.6         | 15.7        |        | 10.5           |        | 0             | 0     |        | 0        | 139      | 150      |
| 76390 SALTILLO, COAH.              | 2522N    | 10100W    | 1790      |           | 823.8        | 1016.7         | 11.2        |        | 6.7            |        | 1             | 1     |        | 1        | 226      | 205      |
| 76393 MONTERREY, N.L.              | 2544N    | 10010W    | 515       |           | 961.2        | 1019.6         | 14.4        |        | 11.4           |        | 8             | 42    |        | 1        | 138      | 195      |
| 76405 LA PAZ, BCS                  | 2410N    | 11010W    | 18        |           | 1014.9       | 1017.1         | 18.9        |        | 15.4           |        | 0             | 0     |        | 0        | 223      | 215      |
| 76423 DURANGO, DGO.                | 2403N    | 10430W    | 1872      |           | 814.8        | 1014.5         | 13.6        |        | 6.2            |        | 0             | 0     |        | 1        | 235      | 185      |
| 76458 COLONIA JUAN CARRASCO MAZATL | 2312N    | 10620W    | 4         |           | 1014.6       | 1015.0         | 18.8        | -2.2   | 16.5           | -3.2   | 0             | 0     | -25    | 0        | 231      | 113      |
| 76556 TEPIC, NAY.                  | 2131N    | 10450W    | 915       |           | 912.0        | 1013.7         | 18.7        |        | 14.9           |        | 0             | 0     |        | 0        | 275      | 235      |
| 76577 GUANAJUATO, GTO.             | 2100N    | 10110W    | 1999      |           | 805.0        | 1014.0         | 15.6        | .9     | 14.8           | 4.6    | 0             | 0     | -14    | 1        | 205      | 94       |
| 76581 RIO VERDE, S.L.P.            | 2156N    | 09959W    | 983       |           | 907.1        | 1017.9         | 15.9        |        | 14.0           |        | 2             | 9     |        | 1        | 187      | 140      |
| 76585 MATLAPA, S.L.P.              | 2119N    | 09849W    | 132       |           | 1004.5       | 1020.5         | 17.4        |        | 16.7           |        | 11            | 45    |        | 4        | 135      | 190      |
| 76634 TULANCINGO, HGO.             | 2005N    | 09822W    | 2181      |           | 786.1        | 1017.0         | 13.3        |        | 8.9            |        | 01            | 1     |        | 0        | 263      | 265      |
| 76640 TUXPAN, VER.                 | 2057N    | 09724W    | 28        |           | 1019.7       | 1020.9         | 20.0        |        | 21.8           |        | 4             | 12    |        | 1        | 74       | 170      |
| 76644 AEROP.INTERNACIONAL MERIDA,  | 2059N    | 08939W    | 9         |           | 1016.7       | 1018.0         | 24.1        | .9     | 22.6           | .7     | 5             | 15    | -19    | 2        | 221      | 110      |
| 76647 VALLADOLID, YUC.             | 2041N    | 08812W    | 27        |           | 1015.6       | 1018.7         | 23.9        |        | 23.0           |        | 4             | 17    |        | 2        | 214      | 200      |
| 76654 MANZANILLO, COL.             | 1903N    | 10410W    | 3         |           | 1014.2       | 1014.6         | 25.2        |        | 23.2           |        | 0             | 0     |        | 0        | 245      | 205      |
| 76656 CIUDAD GUZMAN, JAL.          | 1943N    | 10320W    | 1515      |           | 851.9        | 1018.0         | 15.4        |        | 10.9           |        | 0             | 0     |        | 0        | 256      | 225      |
| 76665 MORELIA, MICH.               | 1942N    | 10110W    | 1913      |           | 812.6        | 1013.4         | 15.9        | 1.2    | 11.0           | .0     | 1             | 5     | -7     | 4        | 238      | 142      |
| 76675 TOLUCA, MEX.                 | 1917N    | 09941W    | 2720      |           | 738.6        | 1016.0         | 10.0        |        | 6.7            |        | 0             | 0     |        | 1        | 268      | 285      |
| 76683 TLAXCALA, TLAX.              | 1919N    | 09815W    | 2248      |           | 1011.4       | 580.2          | 12.6        |        | 8.8            |        | 1             | 5     |        | 3        | 285      | 275      |
| 76685 PUEBLA, PUE.                 | 1903N    | 09810W    | 2179      |           | 787.6        | 1012.5         | 14.3        |        | 8.0            |        | 1             | 3     |        | 4        | 306      | 195      |
| 76695 CAMPECHE, CAMP.              | 1951N    | 09033W    | 5         |           | 1015.8       | 1016.4         | 24.1        |        | 23.2           |        | 2             | 35    |        | 3        | 233      | 220      |
| 76698 FELIPE CARRILLO PUERTO, Q.RO | 1942N    | 08754W    | 12        |           | 1016.8       | 1018.0         | 24.6        |        | 25.6           |        | 11            | 25    |        | 1        | 207      | 210      |
| 76726 CUERNAVACA, MOR.             | 1853N    | 09914W    | 1618      |           | 840.0        | 1012.8         | 19.4        |        | 10.7           |        | 0             | 0     |        | 0        | 287      | 215      |
| 76737 ORIZABA, VER.                | 1851N    | 09706W    | 1259      |           | 879.6        | 1018.2         | 15.8        |        | 14.6           |        | 8             | 45    |        | 2        | 179      | 240      |
| 76750 CHETUMAL, Q.R.               | 1829N    | 08818W    | 7         |           | 1015.8       | 1016.8         | 24.4        |        | 24.8           |        | 11            | 45    |        | 2        | 145      | 140      |
| 76848 COMITAN, CHIS.               | 1615N    | 09208W    | 1646      |           | 839.3        | 1010.8         | 16.1        |        | 12.9           |        |               | 9     |        | 3        | 238      | 205      |
| 76855 PUERTO ANGEL, OAX.           | 1541N    | 09629W    | 46        |           | 1006.7       | 1011.7         | 26.1        |        | 24.8           |        | 0             | 0     |        |          | 310      | 190      |
| <b>BERMUDA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78016 BERMUDA INTERNATIONAL AIRPOR | 3222N    | 06440W    | 130       |           | 1021.1       | 1020.7         | 19.9        |        | 16.1           |        | 15            | 66    |        |          | 118      |          |
| <b>BAHAMAS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78073 NASSAU AIRPORT NEW PROVIDENC | 2503N    | 07728W    | 7         |           | 1019.1       | 1019.9         | 23.4        | 1.5    | 22.8           | 2.2    | 6             | 23    | -28    | 2        | 216      | 101      |
| <b>CUBA</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. |
| 78325 CASA BLANCA,<br>78355 CAMAGUEY  | 2310N<br>2124N | 08221W<br>07751W | 50<br>122 |           | 1012.9<br>1003.5 | 1018.8<br>1017.6 | 23.1<br>23.1 | .1       | 21.2<br>23.1   |            | 8<br>9        | 52<br>68   | -5      | 3        | 217<br>241 |          |
| <b>JAMAICA</b><br>78388 MONTEGO BAY/SANGSTER<br>78397 KINGSTON/NORMAN MANLEY                | 1830N<br>1756N | 07755W<br>07647W | 8<br>14   |           | 1014.7<br>1012.6 | 1014.8<br>1014.2 | 25.9<br>27.0 | 2.9      | 23.8<br>24.4   |            | 12<br>1       | 70<br>9    | 13      | 3<br>2   | 266<br>268 | 115      |
| <b>PUERTO RICO AND US POSS</b><br>78526 SAN JUAN/INT.,                                      | 1825N          | 06559W           | 4         |           | 1015.3           | 1015.4           | 25.7         | .1       | 24.3           |            | 13            | 209        | 90      | 6        |            |          |
| <b>BELIZE</b><br>78583 BELIZE/PHILLIP GOLDSTON INTL   | 1732N          | 08818W           | 5         |           |                  |                  | 24.5         | .3       |                |            | 14            | 101        | -74     | 2        | 102        | 58       |
| <b>GUADELOUPE</b><br>78897 LE RAIZET, GUADELOUPE  | 1616N          | 06131W           | 11        |           | 1013.2           | 1014.1           | 24.9         | -.3      | 25.2           |            | 18            | 86         | -51     | 2        | 165        |          |
| <b>MARTINIQUE</b><br>78925 LE LAMENTIN  | 1436N          | 06100W           | 8         |           | 1012.5           | 1013.4           | 25.6         | .2       | 27.0           | .7         | 20            | 188        | 30      | 4        | 165        | 68       |
| <b>BARBADOS</b><br>78954 GRANTLEY ADAMS   | 1304N          | 05929W           | 56        |           | 1006.1           | 1012.5           | 26.3         |          | 27.9           |            | 15            |            |         |          | 226        | 60       |
| <b>TRINIDAD AND TOBAGO</b><br>78970 PIARCO INT. AIRPORT,                                    | 1037N          | 06121W           | 15        |           | 1009.1           | 1011.6           | 26.7         | 1.5      | 27.9           | 1.3        | 15            | 166        | 11      | 4        | 206        | 96       |
| <b>CURACAO AND BONAIRE</b><br>78988 HATO AIRPORT, CURACAO                                   | 1212N          | 06858W           | 9         |           | 1011.0           | 1011.9           | 27.0         | .2       | 29.0           | 1.4        | 17            | 104        | 5       | 4        | 208        | 89       |
| <b>COLOMBIA</b><br>80001 SAN ANDRES (ISLA)/SESQUICENT<br>80002 PROVIDENCIA (ISLA)/EL EMBRUJ | 1235N<br>1322N | 08143W<br>08121W | 6<br>6    |           | 1012.0           | 1012.1           | 27.0<br>27.0 | .0       | 28.7<br>28.3   | -.4        | 21<br>18      | 286<br>207 | 113     | 5        | 183<br>183 | 88<br>90 |
| <b>S AMERICA</b>  |                |                  |           |           |                  |                  |              |          |                |            |               |            |         |          |            |          |
| <b>COLOMBIA</b><br>80009 SANTA MARTA/SIMON BOLIVAR<br>80022 CARTAGENA/RAFAEL NUNEZ          | 1108N<br>1027N | 07414W<br>07531W | 14<br>12  |           | 1008.6<br>1009.3 | 1009.1<br>1009.5 | 27.8<br>27.4 | .5<br>.4 | 27.9<br>30.2   | 1.3<br>1.4 | 5<br>10       | 19<br>123  | 9<br>86 | 4<br>5   | 222<br>161 | 75<br>64 |

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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. |
| 80028 BARRANQUILLA/ERNESTO CORTISS       | 1053N    | 07447W    | 30        |           | 1007.0       | 1010.6         | 27.3        | .3     | 25.4           | -2.9   | 2             | 39    | 15     | 4        | 218      | 86       |
| 80084 APARTADO/LOS CEDROS                | 0749N    | 07642W    | 20        |           |              |                | 28.7        |        | 26.9           |        | 4             | 46    |        | 4        | 186      | 75       |
| 80091 BARRANCABERMEJA/YARIGUIES          | 0701N    | 07348W    | 134       |           | 956.4        | 1008.7         | 25.7        | -2.2   | 24.7           | -3.5   | 15            | 26    | -72    | 1        | 146      | 76       |
| 80094 BUCARAMANGA/PALONEGRO              | 0706N    | 07312W    | 1189      |           | 880.7        |                | 20.7        |        | 21.8           |        | 10            | 152   | 94     | 5        | 142      | 75       |
| 80097 CUCUTA/CAMILO DAZA                 | 0756N    | 07231W    | 317       |           |              |                | 25.2        | -1.0   | 26.4           | 1.2    | 18            | 319   | 250    | 6        | 173      | 94       |
| 80099 ARAUCA/SANTIAGO PEREZ              | 0704N    | 07044W    | 128       |           |              |                | 26.4        | -.5    | 28.6           | 1.7    | 6             | 46    | 19     | 4        | 237      | 102      |
| 80112 RIONEGRO/J.M.CORDOVA               | 0608N    | 07526W    | 2142      |           | 789.6        |                | 16.2        |        | 15.5           |        | 19            | 218   |        |          | 125      | 95       |
| 80139 PUERTO CARRENO/A.GUAUQUEA          | 0610N    | 06730W    | 55        |           |              |                | 28.7        | .4     | 26.9           | 2.0    | 4             | 46    | 14     | 4        | 186      | 76       |
| 80144 QUIBDO/EL CARANO                   | 0543N    | 07637W    | 53        |           |              |                | 25.3        | -.6    | 28.7           | -.8    | 25            | 938   | 290    | 6        | 62       | 68       |
| 80210 PEREIRA/MATECANA                   | 0449N    | 07544W    | 1342      |           | 865.4        |                | 21.4        | .0     | 20.4           | 1.2    | 20            | 419   | 257    | 6        | 142      | 80       |
| 80214 IBAGUE/PERALES                     | 0426N    | 07509W    | 928       |           | 911.0        |                | 23.3        | .2     | 24.8           | 2.5    | 13            | 141   | 27     | 4        | 81       | 50       |
| <b>80222 BOGOTA/ELDORADO</b>             | 0442N    | 07409W    | 2547      |           | 751.4        |                | 14.1        | 1.2    | 12.5           | .5     | 13            | 122   | 68     | 5        | 129      | 78       |
| 80234 VILLAVICENCIO/VANGUARDIA           | 0410N    | 07337W    | 431       |           | 956.4        | 1008.7         | 25.7        | .3     | 24.7           | .4     | 15            | 26    | -119   | 1        | 146      | 92       |
| <b>80259 CALI/ALFONSO BONILLA ARAGON</b> | 0333N    | 07623W    | 969       |           |              |                | 22.7        |        | 21.7           |        | 12            | 124   | 59     | 6        | 149      | 85       |
| 80315 NEIVA/BENITO SALAS                 | 0258N    | 07518W    | 443       |           | 957.9        | 1007.8         | 26.6        | -.4    | 25.6           | .7     | 17            | 287   | 145    | 5        | 175      | 93       |
| 80370 IPIALES/SAN LUIS                   | 0049N    | 07738W    | 2961      |           |              |                | 11.5        | .4     | 11.6           | .6     | 24            | 173   | 79     | 5        | 85       | 65       |
| 80398 LETICIA/VASQUEZ COBO               | 0410S    | 06957W    | 84        |           | 1000.4       | 1010.0         | 25.8        | -.1    | 30.4           | 1.1    | 19            | 311   | 4      | 4        | 111      | 81       |
| <b>VENEZUELA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80403 CORO                               | 1125N    | 06941W    | 17        |           | 1010.1       | 1011.9         | 27.1        | .4     | 29.6           |        | 12            | 79    | 25     | 4        | 208      | 78       |
| <b>80405 LA ORCHILA</b>                  | 1148N    | 06611W    | 3         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80407 MARACAIBO-LA CHINITA               | 1034N    | 07144W    | 66        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80410 BARQUISIMETO                       | 1004N    | 06919W    | 614       |           | 944.2        |                | 23.3        | .2     | 24.2           |        | 7             | 81    | 56     | 5        | 191      | 77       |
| 80412 PTO. CABELLO                       | 1030N    | 06800W    | 2         |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80413 MARACAY - B.A. SUCRE               | 1015N    | 06739W    | 437       |           | 961.0        |                | 24.2        | .3     | 20.3           |        | 22            |       | -15    | 1        | 210      | 78       |
| 80415 CARACAS/MAIQUETIA AEROP. INT       | 1036N    | 06659W    | 48        |           | 1005.9       |                | 25.2        | -.2    | 27.4           |        | 9             | 18    | -36    | 0        | 142      | 68       |
| 80416 CARACAS/LA CARLOTA                 | 1030N    | 06653W    | 835       |           | 917.2        |                | 22.0        | 1.3    | 23.4           |        | 17            | 13    | -29    |          | 152      | 71       |
| 80419 BARCELONA                          | 1007N    | 06441W    | 7         |           | 1011.3       | 1014.0         | 27.3        | 1.3    | 26.4           |        | 7             | 51    | 27     | 5        | 229      | 85       |
| 80420 CUMANA                             | 1027N    | 06411W    | 4         |           | 1010.1       | 1010.6         | 26.0        |        | 24.4           |        | 7             | 80    |        | 1        | 220      | 80       |
| 80421 PORLAMAR (AEROPUERTO INT. DE       | 1055N    | 06358W    | 24        |           | 1009.2       |                | 27.4        |        | 28.6           |        | 8             | 3     |        | 4        | 219      | 80       |
| <b>80423 GUIRIA</b>                      | 1035N    | 06219W    | 14        |           | 1080.4       |                | 26.3        | .3     | 35.0           |        | 14            | 176   | 104    | 5        | 198      | 93       |
| <b>80425 MENE GRANDE</b>                 | 0949N    | 07056W    | 28        |           | 1007.8       | 1010.8         | 27.1        | .5     | 30.1           |        | 10            | 184   | 98     | 5        | 172      | 76       |
| 80426 VALERA                             | 0921N    | 07037W    | 582       |           | 947.8        | 1012.2         | 23.2        |        | 22.5           |        | 5             |       |        |          | 71       | 30       |
| 80427 ACARIGUA                           | 0933N    | 06914W    | 226       |           | 985.6        | 1010.9         | 25.8        | .2     | 27.1           |        | 7             | 47    | 10     |          | 187      | 80       |
| 80428 GUANARE                            | 0901N    | 06944W    | 163       |           | 989.9        | 1009.2         | 26.5        | 1.2    | 25.8           |        | 6             | 43    | 10     |          |          |          |
| 80431 SAN JUAN DE LOS MORROS             | 0955N    | 06720W    | 429       |           | 962.0        | 1009.6         | 23.9        |        | 22.8           |        | 7             | 106   |        |          | 212      | 100      |
| 80432 CARRIZAL                           | 0925N    | 06655W    | 161       |           | 991.4        | 1009.4         | 27.3        |        | 28.1           |        | 4             | 70    |        |          | 257      | 90       |
| 80434 VALLE DE LA PASCUA                 | 0913N    | 06601W    | 125       |           | 990.4        | 1005.1         | 26.0        |        | 28.1           |        | 4             | 23    |        |          | 242      |          |
| 80435 MATURIN                            | 0945N    | 06311W    | 66        |           | 1002.2       | 1009.6         | 26.3        | .9     | 27.1           |        | 13            | 187   | 76     | 5        | 212      | 93       |
| 80437 EL VIGIA                           | 0838N    | 07139W    | 103       |           | 999.8        | 1008.3         | 28.3        |        | 27.1           |        | 15            | 212   |        |          | 179      |          |
| <b>80438 MERIDA</b>                      | 0836N    | 07111W    | 1498      |           | 852.5        | 1522 Y         | 20.4        | 2.3    | 17.4           |        | 8             | 167   | 88     | 5        | 214      | 91       |
| 80440 BARINAS                            | 0837N    | 07013W    | 204       |           | 990.6        | 1011.7         | 26.4        |        | 27.0           |        | 12            | 300   |        |          | 199      |          |
| 80442 CALABOZO                           | 0856N    | 06725W    | 101       |           | 999.6        |                | 27.8        |        |                |        | 6             | 53    |        |          | 243      |          |
| 80444 CIUDAD BOLIVAR                     | 0809N    | 06333W    | 48        |           | 1005.5       |                | 27.8        | .9     |                |        | 6             |       |        |          | 246      | 101      |
| 80447 SAN ANTONIO DEL TACHIRA            | 0751N    | 07227W    | 378       |           | 966.1        | 1008.2         | 24.5        | -.1    | 24.8           |        | 13            | 122   | 51     | 5        | 179      | 93       |
| 80448 GUASDUALITO                        | 0714N    | 07048W    | 131       |           |              |                | 25.8        | .4     | 27.7           |        | 6             | 25    | -17    | 1        | 217      | 84       |

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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>80450 SAN FERNANDO DE APURE</b>    | 0754N    | 06725W    | 48        |           | 1006.1       | 1011.6         | 27.1        | .6     | 28.1           |        | 1             |       |        |          | 265      | 92       |
| <b>80453 TUMEREMO</b>                 | 0718N    | 06127W    | 181       |           |              |                | 23.1        | -1.3   | 24.7           |        | 13            | 78    | -23    | 2        | 177      | 102      |
| 80457 PUERTO AYACUCHO                 | 0536N    | 06730W    | 74        |           | 1002.0       | 1010.4         | 28.4        | 1.4    | 24.0           |        | 14            | 68    | 26     | 5        | 222      | 85       |
| <b>80462 SANTA ELENA DE UAIREN</b>    | 0436N    | 06107W    | 907       |           |              |                | 22.1        | 1.1    | 21.1           |        | 5             | 27    | -58    | 1        | 221      | 104      |
| 80472 VALENCIA                        | 1010N    | 06756W    | 431       |           | 962.9        | 1010.7         | 25.0        |        | 24.9           |        | 5             | 48    |        | 1        | 208      |          |
| 80475 STO. DOMINGO                    | 0735N    | 07204W    | 327       |           | 976.0        |                | 23.8        |        | 24.1           |        | 14            | 20    |        | 4        | 16       | 40       |
| 80478 TEMBLADOR                       | 0901N    | 06237W    | 30        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80479 PALMICHAL                       | 1018N    | 06814W    | 1000      |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>FRENCH GUIANA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 81401 SAINT-LAURENT-DU-MARONI         | 0530N    | 05402W    | 9         |           | 1010.0       | 1010.6         | 25.7        |        | 27.4           |        | 18            | 182   | -58    |          |          |          |
| <b>81405 ROCHAMBEAU</b>               | 0450N    | 05222W    | 9         |           | 1010.0       | 1011.0         | 26.1        |        | 28.6           |        | 21            | 251   | -108   |          | 170      | 103      |
| 81408 SAINT GEORGES DE L'OYAPOCK      | 0353N    | 05148W    | 7         |           | 1009.7       | 1010.5         | 25.9        |        | 27.6           |        | 16            | 179   | -163   |          |          |          |
| 81415 MARIPASOULA                     | 0338N    | 05402W    | 104       |           | 998.2        | 1010.3         | 26.2        |        | 27.3           |        | 7             | 41    | -160   | 0        |          |          |
| <b>BRAZIL</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>82024 BOA VISTA</b>                | 0249N    | 06039W    | 90        |           |              |                | 28.8        |        | 28.2           |        | 2             | 28    |        | 3        | 235      | 135      |
| 82098 MACAPA                          | 0002N    | 05103W    | 15        |           | 1008.0       | 1009.7         | 28.6        | 1.6    | 28.7           |        | 2             | 8     | -134   | 0        | 287      | 140      |
| <b>82106 SAO GABRIEL DA CACHOEIRA</b> | 0008S    | 06705W    | 90        |           |              |                | 26.6        |        | 30.2           |        | 19            | 262   |        | 3        | 175      | 115      |
| <b>82113 BARCELOS</b>                 | 0059S    | 06255W    | 40        |           |              |                | 27.4        | 1.2    | 30.9           |        | 11            | 147   | 19     | 3        | 160      | 106      |
| 82191 BELEM                           | 0127S    | 04828W    | 10        |           | 1008.6       | 1009.1         | 27.3        | 1.2    | 31.2           |        | 19            | 202   | -14    | 3        | 230      | 128      |
| 82212 FONTE BOA                       | 0232S    | 06610W    | 56        |           | 1002.5       | 1010.7         | 27.1        |        | 30.1           |        | 17            | 258   |        | 4        | 164      | 120      |
| 82246 BELTERRA                        | 0238S    | 05457W    | 176       |           | 990.6        | 1010.4         | 26.8        | 1.5    | 31.2           |        | 4             | 55    | -125   | 2        | 218      | 122      |
| 82280 SAO LUIZ                        | 0232S    | 04418W    | 51        |           | 1004.4       | 1010.2         | 27.8        | 1.0    | 29.1           |        | 0             |       |        |          | 259      | 126      |
| <b>82331 MANAUS</b>                   | 0308S    | 06001W    | 72        |           | 1001.8       | 1010.0         | 28.0        | 1.3    | 30.0           |        | 16            | 195   | -21    | 3        | 162      | 125      |
| 82336 ITACOATIARA                     | 0308S    | 05826W    | 40        |           |              |                | 27.5        | 1.2    | 30.5           |        | 14            | 210   | 146    | 3        | 163      | 150      |
| 82397 FORTALEZA                       | 0346S    | 03836W    | 26        |           | 1008.6       | 1011.7         | 27.7        | .4     | 27.4           |        | 5             | 15    | -34    | 2        | 304      | 118      |
| <b>82400 FERNANDO DE NORONHA</b>      | 0351S    | 03225W    | 56        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>82410 BENJAMIN CONSTANT</b>        | 0423S    | 07002W    | 65        |           |              |                | 26.2        |        | 29.8           |        | 10            | 197   |        | 2        |          |          |
| <b>82425 COARI</b>                    | 0405S    | 06308W    | 46        |           |              |                | 27.6        |        | 31.9           |        | 13            | 140   |        | 1        |          |          |
| 82445 ITAITUBA                        | 0416S    | 05559W    | 45        |           | 1006.1       | 1011.3         | 28.2        | 1.4    | 31.6           |        | 11            | 168   | -31    | 2        | 196      | 162      |
| 82460 BACABAL                         | 0415S    | 04447W    | 25        |           | 1006.7       | 1009.6         | 29.4        |        | 28.4           |        | 5             | 61    |        | 2        | 228      | 135      |
| 82533 MANICORE                        | 0549S    | 06118W    | 50        |           |              |                | 27.1        |        | 30.8           |        | 14            | 134   |        | 1        | 150      | 135      |
| 82562 MARABA                          | 0521S    | 04909W    | 95        |           | 997.7        | 1008.4         | 27.7        | 1.8    | 29.5           |        | 9             | 81    | -169   | 0        | 169      | 142      |
| <b>82571 BARRA DO CORDA</b>           | 0530S    | 04516W    | 153       |           | 991.9        | 1009.1         | 27.8        | 1.9    | 28.2           |        | 4             | 70    | -65    | 2        | 202      | 136      |
| 82578 TERESINA                        | 0505S    | 04249W    | 74        |           | 1001.0       | 1011.1         | 28.3        | .3     | 27.4           |        | 5             | 23    | -103   | 1        | 265      | 132      |
| <b>82586 QUIXERAMOBIM</b>             | 0512S    | 03918W    | 212       |           | 986.9        | 1010.6         | 28.0        | 1.1    | 26.4           |        | 1             | 2     | -22    | 2        | 289      | 122      |
| 82598 NATAL                           | 0546S    | 03512W    | 45        |           | 1007.4       | 1012.6         | 27.4        |        | 28.1           |        | 8             | 22    |        | 3        | 315      | 105      |
| 82678 FLORIANO                        | 0646S    | 04301W    | 127       |           | 995.8        | 1009.7         | 28.7        | 2.4    | 26.8           |        | 5             | 37    | -113   |          | 234      | 141      |
| <b>82704 CRUZEIRO DO SUL</b>          | 0738S    | 07240W    | 170       |           | 985.7        | 1005.8         | 25.5        |        | 29.0           |        | 19            | 164   |        |          | 357      | 40       |
| 82723 LABREA                          | 0715S    | 06450W    | 60        |           | 1002.5       | 1010.8         | 26.8        |        | 30.2           |        | 16            | 329   |        | 4        | 101      | 110      |
| 82765 CAROLINA                        | 0720S    | 04728W    | 193       |           | 988.9        | 1012.8         | 26.8        | 1.4    | 29.8           |        | 11            | 149   | -85    | 2        | 154      | 119      |
| 82784 BARBALHA                        | 0719S    | 03918W    | 409       |           | 964.8        | 1010.0         | 25.6        | -.7    | 27.1           |        | 6             | 78    | -14    | 4        | 268      | 115      |
| 82791 PATOS                           | 0701S    | 03716W    | 249       |           | 981.7        | 1009.2         | 29.1        |        | 21.7           |        | 0             | 0     |        | 0        | 296      |          |
| 82900 RECIFE                          | 0803S    | 03455W    | 7         |           | 1012.0       | 1012.9         | 27.1        | .8     | 25.6           |        | 8             | 43    | -22    | 3        | 237      | 93       |

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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. |
| 82915 RIO BRANCO               | 0958S    | 06748W    | 160       |           | 991.9        | 1009.8         | 25.9        | .3     | 29.7           |        | 18            | 127   | -136   | 1        | 127      | 110      |
| 82983 PETROLINA                | 0923S    | 04029W    | 370       |           | 968.4        | 1009.2         | 29.3        | 2.2    | 24.1           |        | 1             | 11    | -72    | 1        | 286      | 121      |
| <b>83064 PORTO NACIONAL</b>    | 1043S    | 04835W    | 239       |           | 982.1        | 1008.9         |             |        | 28.1           |        | 16            | 234   | 4      | 2        | 146      | 95       |
| 83096 ARACAJU                  | 1055S    | 03703W    | 5         |           | 1011.6       | 1012.4         | 27.2        | .8     | 27.5           |        | 1             | 4     | -53    | 1        | 279      | 111      |
| 83186 JACOBINA                 | 1111S    | 04028W    | 485       |           | 957.3        | 1009.7         | 25.6        | .7     | 21.6           |        | 4             | 68    | -48    | 2        | 244      | 116      |
| <b>83229 SALVADOR</b>          | 1301S    | 03831W    | 51        |           | 1007.5       | 1013.5         | 26.0        | .0     | 28.3           |        | 8             | 101   | -31    | 3        | 201      | 90       |
| 83235 TAGUATINGA               | 1224S    | 04626W    | 604       |           | 943.1        | 1009.5         | 24.8        | .8     | 23.9           |        | 19            | 359   | 72     | 4        |          |          |
| <b>83236 BARREIRAS</b>         | 1209S    | 04500W    | 439       |           | 961.1        | 1009.9         | 24.9        | .2     | 25.6           |        | 9             | 226   | 22     | 3        | 201      | 95       |
| 83242 LENCOIS                  | 1234S    | 04123W    | 439       |           | 963.0        | 1012.0         | 25.4        | 1.0    | 22.9           |        | 6             | 96    | -76    | 2        | 187      | 119      |
| <b>83264 GLEBA CELESTE</b>     | 1212S    | 05630W    | 415       |           | 966.9        | 1013.2         | 25.6        | .8     | 27.8           |        | 19            | 252   | -107   | 1        | 119      | 111      |
| 83288 BOM JESUS DA LAPA        | 1316S    | 04325W    | 440       |           | 961.2        | 1009.6         | 25.9        | 1.7    | 24.9           |        | 7             | 199   | 8      | 4        | 232      | 121      |
| 83332 POSSE                    | 1406S    | 04622W    | 826       |           | 919.3        | 1008.9         | 23.6        | .2     | 22.5           |        | 15            | 296   | 16     | 3        | 249      | 178      |
| 83344 VITORIA DA CONQUISTA     | 1457S    | 04053W    | 840       |           | 916.0        | 1011.9         | 21.2        | -.4    | 22.1           |        | 9             | 116   | -11    | 2        | 179      | 105      |
| 83358 POXOREO (POXOREU)        | 1550S    | 05423W    | 450       |           | 967.8        | 1007.4         | 25.8        |        | 27.0           |        | 15            | 139   |        | 1        | 144      |          |
| <b>83361 CUIABA</b>            | 1533S    | 05607W    | 151       |           | 992.0        | 1012.5         | 27.6        | 1.0    | 28.0           |        | 12            | 148   | -45    | 1        | 118      | 65       |
| 83377 BRASILIA                 | 1547S    | 04756W    | 1159      |           | 885.1        | 1009.4         | 21.0        | -.5    | 19.7           |        | 22            | 325   | 77     | 5        | 101      | 73       |
| 83423 GOIANIA                  | 1640S    | 04915W    | 741       |           | 928.5        | 1009.3         | 23.8        | .3     | 23.1           |        | 21            | 293   | 35     | 4        |          |          |
| 83437 MONTES CLAROS            | 1643S    | 04352W    | 646       |           | 939.1        | 1010.3         | 23.4        | .1     | 22.9           |        | 16            | 411   | 174    | 5        | 147      | 90       |
| <b>83498 CARAVELAS</b>         | 1744S    | 03915W    | 3         |           | 1013.7       | 1014.2         | 25.6        | .0     | 28.8           |        | 9             | 162   | 24     | 4        |          |          |
| 83550 SAO MATEUS               | 1842S    | 03951W    | 25        |           | 1008.7       | 1011.6         | 25.5        | .4     | 27.1           |        | 15            | 128   | -25    | 2        | 148      | 96       |
| 83552 CORUMBA                  | 1905S    | 05730W    | 130       |           | 993.7        | 1011.5         |             |        | 25.6           |        | 7             | 93    | -61    | 2        | 274      | 127      |
| 83565 PARANAIBA                | 1942S    | 05111W    | 331       |           | 962.7        | 1008.6         | 26.8        | 1.8    | 23.8           |        | 9             | 79    | -189   | 0        | 262      | 139      |
| 83579 ARAXA                    | 1934S    | 04656W    | 1004      |           | 900.0        | 1010.5         | 22.0        | .9     | 21.2           |        | 19            | 333   | 41     | 5        | 148      | 103      |
| 83587 BELO HORIZONTE           | 1956S    | 04356W    | 850       |           | 910.5        | 1010.1         | 21.8        | -.4    | 20.6           |        | 20            |       |        |          |          |          |
| 83592 CARATINGA                | 1948S    | 04209W    | 609       |           | 944.2        | 1011.8         | 22.6        | .7     | 23.3           |        | 19            | 333   | 123    | 5        | 116      | 72       |
| 83630 FRANCA                   | 2033S    | 04726W    | 1026      |           |              |                | 22.0        | 3.3    | 20.7           |        | 20            | 316   | 41     | 4        | 156      | 164      |
| 83648 VITORIA                  | 2019S    | 04020W    | 36        |           | 1009.5       | 1013.8         | 25.2        | -.2    | 26.1           |        | 15            | 252   | 57     | 4        |          |          |
| 83676 CATANDUVA                | 2108S    | 04858W    | 536       |           | 945.9        | 1007.9         | 24.7        | 1.9    | 25.5           |        | 8             | 159   | -62    | 2        |          |          |
| 83698 CAMPOS                   | 2145S    | 04120W    | 11        |           | 1010.8       | 1012.2         | 25.2        |        | 26.0           |        | 13            | 110   |        | 2        |          |          |
| 83702 PONTA PORA               | 2232S    | 05542W    | 650       |           | 935.1        | 1009.6         | 25.1        | 1.6    | 20.4           |        | 7             | 93    | -98    | 0        |          |          |
| 83704 IVINHEMA                 | 2219S    | 05356W    | 369       |           | 965.9        | 1006.3         |             |        | 22.9           |        | 5             | 115   | -98    | 1        | 277      | 139      |
| 83716 PRESIDENTE PRUDENTE      | 2207S    | 05123W    | 436       |           | 961.0        | 1009.0         | 26.5        |        | 21.2           |        | 7             | 190   |        | 3        |          |          |
| 83726 SAO CARLOS               | 2201S    | 04753W    | 856       |           | 916.4        | 1011.8         | 22.6        | 1.2    | 21.0           |        | 12            | 231   | -36    | 2        | 218      | 253      |
| 83738 RESENDE                  | 2229S    | 04428W    | 440       |           | 961.5        | 1010.8         | 22.8        |        | 22.3           |        | 20            | 260   |        | 3        | 133      | 90       |
| 83766 LONDRINA                 | 2323S    | 05111W    | 566       |           | 946.3        | 1009.8         | 25.0        | 1.5    | 20.9           |        | 7             | 76    | -156   | 1        | 254      | 145      |
| <b>83781 SAO PAULO</b>         | 2330S    | 04637W    | 792       |           | 922.7        | 1010.7         | 22.4        | 1.3    | 18.6           |        | 12            | 137   | -63    | 1        | 164      | 126      |
| 83827 FOZ DO IGUAU (AEROPORTO) | 2531S    | 05435W    | 180       |           | 981.9        |                | 25.5        |        | 20.2           |        | 3             | 8     |        |          |          |          |
| 83836 IRATI                    | 2528S    | 05038W    | 837       |           | 913.6        | 1009.6         | 19.8        |        | 18.0           |        | 11            | 98    |        | 2        | 182      | 105      |
| <b>83842 CURITIBA</b>          | 2525S    | 04916W    | 924       |           | 909.9        | 1011.7         | 20.0        | .7     | 17.7           |        | 11            | 129   | -21    | 2        | 167      | 111      |
| 83897 FLORIANOPOLIS            | 2735S    | 04834W    | 2         |           | 1011.1       | 1011.4         | 23.2        | .7     | 22.2           |        | 15            | 228   | 82     | 5        | 214      | 114      |
| 83967 PORTO ALEGRE             | 3001S    | 05113W    | 47        |           | 1006.2       | 1011.7         | 22.9        | -.3    | 20.4           |        | 7             | 52    | -49    | 1        | 233      | 95       |
| 83980 BAGE                     | 3120S    | 05406W    | 242       |           | 983.4        | 1011.2         | 21.3        | -1.4   | 16.5           |        | 9             | 59    | -46    | 2        | 258      | 101      |
| 83997 ST.VITORIA DO PALMAR     | 3331S    | 05321W    | 24        |           | 1010.5       | 1014.9         | 20.0        | -.5    | 18.2           |        | 7             | 48    | -35    | 2        | 245      | 93       |
| <b>PERU</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 84370 TUMBES                   | 0333S    | 08023W    | 27        |           | 1007.2       | 1010.9         | 25.5        |        | 25.5           |        | 2             | 4     |        | 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. |
| 84377 IQUITOS                 | 0347S    | 07318W    | 126       |           | 998.4        | 1008.7         | 25.9        |        | 28.3           |        | 18            | 251   | -31    | 3        | 135      |          |
| 84401 PIURA                   | 0512S    | 08036W    | 55        |           | 1007.9       | 1012.3         | 24.7        |        | 19.5           |        | 2             | 6     | 5      | 5        |          |          |
| 84452 CHICLAYO                | 0647S    | 07949W    | 30        |           | 1009.7       | 1012.8         | 21.4        |        | 19.4           |        | 2             | 4     | 3      | 5        |          |          |
| 84455 TARAPOTO                | 0630S    | 07622W    | 282       |           | 979.5        | 1014.5         | 26.7        |        | 26.6           |        | 12            | 61    | -25    | 2        |          |          |
| 84501 TRUJILLO                | 0805S    | 07906W    | 30        |           | 1010.0       | 1012.7         | 18.6        |        | 18.2           |        | 2             | 6     | 5      | 6        |          |          |
| 84515 PUCALLPA                | 0822S    | 07434W    | 149       |           | 991.7        | 1009.3         | 25.5        |        | 28.3           |        | 21            | 392   |        | 5        |          |          |
| 84628 LIMA/CALLAO             | 1201S    | 07707W    | 13        |           | 1011.2       | 1012.8         | 8.0         |        | 19.9           |        | 0             | 0     | -1     | 3        |          |          |
| 84686 CUZCO                   | 1332S    | 07156W    | 3249      |           | 687.2        |                | 12.6        |        | 8.8            |        | 15            | 118   | -2     | 3        |          |          |
| 84691 PISCO                   | 1344S    | 07613W    | 7         |           | 1011.5       | 1012.2         | 21.3        |        | 20.6           |        | 0             | 0     | 0      | 5        |          |          |
| 84735 JULIACA                 | 1528S    | 07009W    | 3827      |           | 643.9        |                | 12.1        |        | 7.9            |        | 15            | 259   | 174    | 6        |          |          |
| 84752 AREQUIPA                | 1620S    | 07134W    | 2539      |           | 752.7        |                | 14.3        |        | 9.1            |        | 3             | 11    | 7      | 5        |          |          |
| 84782 TACNA                   | 1803S    | 07016W    | 469       |           | 962.4        | 1012.9         | 19.8        |        | 16.0           |        | 0             | 0     | -1     | 5        |          |          |
| BOLIVIA                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 85041 COBIZA                  | 1102S    | 06847W    | 235       |           | 981.6        | 1007.8         | 27.3        |        | 30.0           |        | 18            | 236   |        | 3        |          |          |
| 85043 RIBERALTA               | 1100S    | 06607W    | 141       |           | 992.9        | 1008.2         | 27.1        |        | 28.9           |        | 18            | 264   |        | 3        |          |          |
| 85104 SAN JOAQUIN             | 1304S    | 06449W    | 140       |           | 992.6        | 1008.5         | 27.0        |        | 29.8           |        | 18            | 415   |        | 5        |          |          |
| 85109 SAN RAMON               | 1318S    | 06442W    | 140       |           | 993.1        | 1009.1         | 27.0        |        | 30.0           |        | 19            | 237   |        |          |          |          |
| 85114 MAGDALENA               | 1320S    | 06407W    | 140       |           | 993.4        | 1009.6         | 26.9        |        | 29.9           |        | 19            | 282   |        | 5        |          |          |
| 85123 SANTA ANA               | 1346S    | 06526W    | 144       |           | 991.8        | 1008.2         | 27.6        |        | 29.1           |        | 17            | 290   |        | 5        |          |          |
| 85140 REYES                   | 1419S    | 06723W    | 140       |           | 988.8        | 1009.7         | 27.0        |        | 29.1           |        | 13            | 274   |        |          |          |          |
| 85141 RURRENABAQUE            | 1428S    | 06734W    | 204       |           | 986.1        | 1008.9         | 27.1        |        | 30.5           |        | 15            | 446   |        | 5        |          |          |
| 85152 SAN BORJA               | 1452S    | 06652W    | 194       |           | 985.5        | 1008.7         | 27.5        |        | 28.9           |        | 10            | 258   |        | 3        |          |          |
| 85153 SAN IGNACIO DE MOXOS    | 1455S    | 06536W    | 160       |           | 990.7        | 1009.0         | 27.2        |        | 28.7           |        | 8             | 264   |        | 3        |          |          |
| 85154 TRINIDAD                | 1449S    | 06455W    | 155       |           | 991.3        | 1008.9         | 27.3        |        | 29.3           |        | 14            | 218   |        | 2        |          |          |
| 85175 ASCENCION DE GUARAYOS   | 1543S    | 06306W    | 247       |           | 981.5        | 1010.1         | 27.8        |        | 26.9           |        | 7             | 118   |        | 2        |          |          |
| 85195 SAN JAVIER              | 1616S    | 06228W    | 534       |           | 949.7        | 1009.5         | 25.3        |        | 26.0           |        | 5             | 64    |        | 1        |          |          |
| 85196 CONCEPCION              | 1609S    | 06201W    | 497       |           | 954.0        | 1010.3         | 25.7        |        | 26.4           |        | 10            | 98    |        | 2        |          |          |
| 85201 LA PAZ/ALTO             | 1631S    | 06811W    | 4058      |           | 629.2        |                | 9.3         |        | 7.8            |        | 20            | 163   |        | 5        |          |          |
| 85207 SAN IGNACIO DE VELASCO  | 1623S    | 06058W    | 413       |           | 962.4        | 1009.2         | 26.2        |        | 27.1           |        | 12            | 121   |        | 3        |          |          |
| 85210 SAN MATIAS              | 1620S    | 05823W    | 124       |           | 994.5        | 1012.8         | 29.0        |        | 28.7           |        | 9             | 125   |        |          |          |          |
| 85223 COCHABAMBA              | 1725S    | 06611W    | 2548      |           | 750.1        |                | 19.8        |        | 12.6           |        | 16            | 76    |        | 3        |          |          |
| 85242 ORURO                   | 1758S    | 06704W    | 3072      |           | 654.2        |                | 12.3        |        | 7.7            |        | 17            | 158   |        | 6        |          |          |
| 85244 VIRU-VIRU               | 1738S    | 06308W    | 373       |           | 966.1        | 1008.3         | 27.7        |        | 24.7           |        | 9             | 240   |        |          |          |          |
| 85245 SANTA CRUZ/EL TROMPILLO | 1748S    | 06311W    | 418       |           | 960.7        | 1007.7         | 27.7        |        | 24.0           |        | 9             | 136   |        | 2        |          |          |
| 85247 SAN JOSE DE CHIQUITOS   | 1748S    | 06044W    | 284       |           | 978.0        | 1011.1         | 28.6        |        | 25.6           |        | 7             | 116   |        | 3        |          |          |
| 85264 VALLEGRANDE             | 1828S    | 06406W    | 1998      |           | 803.0        |                | 18.4        |        | 15.0           |        | 6             | 111   |        |          |          |          |
| 85268 ROBORE                  | 1819S    | 05946W    | 276       |           | 983.1        | 1011.1         | 27.6        |        | 26.7           |        | 7             | 68    |        | 1        |          |          |
| 85283 SUCRE                   | 1901S    | 06518W    | 2904      |           | 720.0        |                | 16.0        |        | 13.2           |        | 15            | 117   |        | 3        |          |          |
| 85289 PUERTO SUAREZ           | 1859S    | 05749W    | 134       |           | 992.7        | 1007.8         | 27.8        |        | 26.5           |        | 6             | 93    |        | 2        |          |          |
| 85293 POTOSI                  | 1933S    | 06544W    | 3935      |           | 636.7        |                | 9.7         |        | 9.3            |        | 9             | 41    |        |          |          |          |
| 85312 MONTEAGUDO              | 1947S    | 06355W    | 992       |           | 877.7        |                | 23.9        |        | 21.1           |        | 9             | 196   |        |          |          |          |
| 85315 CAMIRI                  | 2000S    | 06332W    | 798       |           | 921.1        | 1008.4         | 25.5        |        | 20.8           |        | 13            | 172   |        | 4        |          |          |
| 85345 VILLAMONTES             | 2115S    | 06327W    | 398       |           | 962.4        | 1008.6         | 26.7        |        | 22.9           |        | 14            | 361   |        |          |          |          |
| 85364 TARIJA                  | 2133S    | 06442W    | 1854      |           | 814.6        |                | 20.9        |        | 17.3           |        | 16            | 193   |        | 5        |          |          |
| 85365 YACUIBA                 | 2157S    | 06339W    | 645       |           | 935.7        | 1007.7         | 25.3        |        | 24.0           |        | 13            | 240   |        | 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. |
| 85394 BERMEJO                    | 2246S    | 06419W    | 381       |           | 967.7        | 1010.6         | 26.5        |        | 26.4           |        | 12            | 290   |        |          |          |          |
| <b>CHILE</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>85406 ARICA</b>               | 1821S    | 07020W    | 55        |           | 1009.1       | 1013.5         | 21.0        | .4     | 15.7           | -1.5   | 0             | 0     | 0      | 4        | 243      | 100      |
| 85418 IQUIQUE                    | 2032S    | 07011W    | 48        |           | 1008.3       | 1014.0         | 20.5        | .5     | 14.9           | -1.7   | 0             | 0     | 0      | 4        | 292      | 95       |
| <b>85442 ANTOFAGASTA</b>         | 2326S    | 07027W    | 140       |           | 997.2        | 1013.5         | 18.7        | .0     | 15.7           | -.3    | 0             | 0     | 0      | 4        | 313      | 100      |
| <b>85469 ISLA DE PASCUA</b>      | 2710S    | 10920W    | 69        |           | 1013.8       | 1021.8         | 21.6        |        | 18.8           |        | 7             | 40    |        | 2        | 267      | 110      |
| <b>85488 LA SERENA</b>           | 2955S    | 07112W    | 146       |           | 999.0        | 1014.7         | 16.4        | .3     | 14.5           | -.1    | 0             | T     | T      | 4        | 205      | 85       |
| 85574 PUDAHUEL                   | 3323S    | 07047W    | 474       |           | 958.4        | 1012.1         | 20.6        |        | 11.6           |        | 0             | 0     |        | 3        | 371      | 105      |
| 85577 QUINTA NORMAL              | 3326S    | 07041W    | 520       |           | 953.6        | 1012.8         | 20.7        |        | 12.0           |        | 0             | 0     |        | 3        | 352      | 110      |
| <b>85585 JUAN FERNANDEZ</b>      | 3337S    | 07849W    | 30        |           | 1016.1       | 1019.6         | 17.3        |        | 13.4           |        | 2             | 4     |        | 1        | 229      | 115      |
| <b>85629 CURICO</b>              | 3458S    | 07113W    | 220       |           |              |                |             |        |                |        | 0             | 0     | -11    | 2        | 385      | 120      |
| 85672 CHILLAN                    | 3635S    | 07202W    | 148       |           |              |                |             |        |                |        | 0             | 0     | -28    | 1        | 376      | 110      |
| 85682 CONCEPCION                 | 3646S    | 07304W    | 148       |           | 1014.7       | 1015.5         | 15.6        | .1     | 12.9           | -.1    | 0             | T     | -28    | 1        | 325      | 95       |
| <b>85743 TEMUCO</b>              | 3846S    | 07238W    | 93        |           | 1005.3       | 1018.2         | 16.0        | 1.3    | 14.7           | 2.2    | 3             | 10    | -42    | 2        | 265      | 100      |
| 85766 VALDIVIA                   | 3938S    | 07305W    | 19        |           |              |                |             |        |                |        | 7             | 20    | -43    | 2        | 296      | 110      |
| 85782 OSORNO                     | 4036S    | 07303W    | 58        |           |              |                |             |        |                |        | 3             | 9     | -51    | 1        |          |          |
| <b>85799 PUERTO MONTT</b>        | 4126S    | 07306W    | 90        |           | 1007.4       | 1018.2         | 14.0        | .6     | 13.1           | 1.0    | 10            | 34    | -69    | 1        | 256      | 130      |
| 85864 COYHAIQUE                  | 4536S    | 07206W    | 311       |           | 977.7        | 1014.1         | 15.0        | 2.4    | 11.2           | 1.7    | 3             | 22    | -53    | 1        | 304      | 120      |
| <b>85874 BALMACEDA</b>           | 4555S    | 07142W    | 522       |           | 951.5        | 1012.5         | 12.9        | 2.0    | 8.2            | .1     | 1             | 6     | -25    | 1        |          |          |
| <b>85934 PUNTA ARENAS</b>        | 5300S    | 07051W    | 43        |           | 1000.2       | 1005.1         | 11.6        | 1.9    | 8.2            | .0     | 4             | 12    | -16    | 1        | 256      | 115      |
| <b>PARAGUAY</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 86011 ADRIAN JARA                | 1932S    | 05922W    | 150       |           | 993.1        | 1008.9         | 27.6        |        | 26.2           |        | 6             | 66    |        | 1        | 169      |          |
| 86033 BAHIA NEGRA                | 2014S    | 05810W    | 96        |           | 999.5        | 1008.8         |             |        | 25.3           |        | 11            | 195   |        | 4        | 249      |          |
| 86065 PRAT GILL                  | 2242S    | 06130W    | 220       |           | 985.8        | 1009.2         |             |        | 22.3           |        | 7             | 229   |        | 6        | 201      |          |
| 86068 MARISCAL ESTIGARRIBIA      | 2201S    | 06036W    | 167       |           | 989.7        | 1008.7         | 27.0        | -1.4   | 24.0           | 1.4    | 9             | 67    | -52    | 1        | 241      |          |
| 86086 LA VICTORIA                | 2217S    | 05756W    | 88        |           | 999.5        | 1008.4         | 27.7        | -.2    | 21.0           | -4.1   | 6             | 252   | 71     | 5        | 255      |          |
| 86097 PEDRO JUAN CABALLERO       | 2335S    | 05544W    | 652       |           | 946.4        | 1010.0         | 24.7        |        | 20.2           |        | 6             | 69    |        | 0        | 238      |          |
| 86128 POZO COLORADO              | 2327S    | 05852W    | 99        |           | 997.6        | 1008.9         | 26.5        |        | 22.3           |        | 6             | 101   |        | 2        | 236      |          |
| 86134 CONCEPCION                 | 2325S    | 05718W    | 74        |           | 1000.2       | 1008.8         | 26.8        | -.4    | 22.9           | -1.6   | 6             | 111   | -52    | 2        | 275      |          |
| 86185 SAN PEDRO                  | 2404S    | 05705W    | 80        |           | 1000.4       | 1009.7         | 25.8        |        | 23.5           |        | 3             | 66    |        | 1        | 268      |          |
| 86210 SALTOS DEL GUAIRA          | 2403S    | 05419W    | 265       |           | 974.1        | 1007.9         | 25.0        |        | 21.6           |        | 6             | 70    |        | 1        | 295      |          |
| 86218 ASUNCION/AEROPUERTO        | 2515S    | 05731W    | 101       |           | 1000.0       | 1009.5         | 26.5        | .0     | 21.1           | -1.6   | 3             | 46    | -86    | 1        | 306      |          |
| 86233 VILLARRICA                 | 2546S    | 05626W    | 161       |           | 991.6        | 1010.3         | 25.6        | -.3    | 21.8           | -1.1   | 2             | 29    | -116   | 0        | 306      |          |
| 86246 AEROPUERTO INT. GUARANI    | 2521S    | 05427W    | 236       |           | 981.2        | 1009.4         | 25.4        |        | 23.3           |        | 3             | 30    |        | 0        | 288      |          |
| 86255 PILAR                      | 2651S    | 05819W    | 59        |           | 1003.8       | 1010.6         | 25.6        | -1.2   | 21.9           | -1.1   | 3             | 61    | -64    | 1        | 265      |          |
| 86260 SAN JUAN BAUTISTA MISIONES | 2640S    | 05709W    | 126       |           | 994.2        | 1009.2         | 25.2        | -.2    | 21.5           | .9     | 3             | 89    | -55    | 2        | 257      |          |
| 86297 ENCARNACION                | 2720S    | 05550W    | 91        |           | 996.8        | 1007.1         | 25.5        | .7     | 22.5           | .8     | 4             | 64    | -86    | 1        |          |          |
| <b>URUGUAY</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>86330 ARTIGAS</b>             | 3023S    | 05630W    | 123       |           | 996.7        | 1010.6         | 23.0        | -1.0   | 16.1           | -3.5   | 3             | 131   | 11     | 4        | 245      | 85       |
| 86350 RIVERA                     | 3053S    | 05532W    | 242       |           | 984.5        | 1012.1         | 22.2        |        | 16.2           |        | 7             | 70    |        | 2        | 279      | 100      |
| 86430 PAYSANDU                   | 3220S    | 05802W    | 61        |           | 1005.7       | 1012.8         | 23.4        |        | 14.3           |        | 3             | 52    |        | 0        | 323      | 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>86440 MELO</b>                      | 3222S    | 05611W    | 100       |           | 999.6        | 1011.5         | 21.1        | -6     | 17.0           | -4     | 5             | 52    | -31    | 3        | 278      | 97       |
| 86460 PASO DE LOS TOROS                | 3248S    | 05631W    | 75        |           | 1003.2       | 1018.8         | 22.1        | -9     | 15.8           | -2.5   | 8             | 23    | -74    | 1        | 327      | 114      |
| <b>86490 MERCEDES</b>                  | 3315S    | 05804W    | 22        |           | 1010.1       | 1012.3         | 22.4        | -4     | 15.8           | -8     | 6             | 345   | 241    | 0        | 309      | 111      |
| 86560 COLONIA                          | 3427S    | 05750W    | 22        |           | 1009.4       | 1011.6         | 22.3        | .0     | 17.8           | -7     | 6             | 63    | -24    | 3        |          |          |
| <b>86565 ROCHA</b>                     | 3429S    | 05418W    | 18        |           | 1010.1       | 1012.3         | 19.7        | -5     | 17.4           | -1.1   | 8             | 51    | -11    | 3        | 278      | 104      |
| 86580 CARRASCO                         | 3450S    | 05600W    | 32        |           | 1009.0       | 1020.3         |             |        | 18.4           | 1.3    | 11            | 120   | 42     | 5        | 287      | 99       |
| <b>ARGENTINA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>87007 LA QUIACA OBSERVATORIO</b>    | 2206S    | 06536W    | 3462      |           | 673.7        | 3137 Z         | 13.1        | .9     | 7.7            | -8     | 11            | 75    | -2     | 3        | 281      |          |
| 87016 ORAN AERO                        | 2309S    | 06419W    | 357       |           | 967.4        | 1006.1         | 25.9        | .0     | 20.3           | -4.2   | 12            | 143   | -11    | 3        | 238      | 133      |
| 87022 TARTAGAL AERO                    | 2239S    | 06349W    | 450       |           | 957.3        | 1007.6         | 25.3        |        | 21.6           |        | 14            | 276   |        |          | 204      |          |
| 87046 JUJUY AERO                       | 2423S    | 06505W    | 921       |           | 909.2        |                | 23.5        |        | 17.9           |        | 13            | 97    |        | 3        | 230      | 105      |
| <b>87047 SALTA AERO</b>                | 2451S    | 06529W    | 1238      |           | 878.3        |                | 20.7        | -5     | 17.0           | -9     | 15            | 316   | 178    | 6        | 198      | 121      |
| <b>87065 RIVADAVIA</b>                 | 2410S    | 06254W    | 205       |           | 985.0        |                | 28.4        | .6     | 21.9           |        | 8             | 82    | -33    | 2        |          |          |
| 87078 LAS LOMITAS                      | 2442S    | 06035W    | 130       |           | 994.9        | 1009.5         | 27.6        | .2     | 19.8           | -2.2   | 4             | 34    | -91    | 1        | 239      | 91       |
| 87097 IGUAZU AERO                      | 2544S    | 05428W    | 270       |           | 979.1        | 1009.7         | 25.1        |        | 21.5           |        | 2             | 53    |        | 1        | 229      |          |
| 87121 TUCUMAN AERO                     | 2651S    | 06506W    | 450       |           | 958.8        | 1008.8         | 25.3        |        | 20.0           |        | 9             | 160   |        |          | 261      |          |
| <b>87129 SANTIAGO DEL ESTERO AERO.</b> | 2746S    | 06418W    | 199       |           | 987.3        | 1009.8         | 26.3        | -2     | 18.6           | -2.0   | 8             | 83    | -13    | 3        | 270      | 60       |
| 87148 PRESIDENCIA ROQUE SAENZ PENA     | 2644S    | 06029W    | 93        |           | 983.0        | 1008.9         | 26.1        |        | 19.8           |        | 5             | 83    |        | 2        |          |          |
| 87155 RESISTENCIA AERO                 | 2727S    | 05903W    | 53        |           | 1003.8       | 1009.8         | 25.2        |        | 20.2           |        | 4             | 48    |        | 1        | 350      | 165      |
| 87162 FORMOSA AERO                     | 2612S    | 05814W    | 60        |           | 1002.2       | 1009.0         | 26.5        | .0     | 20.2           | -3.4   | 3             | 55    | -91    | 1        | 309      | 110      |
| 87178 POSADAS AERO.                    | 2722S    | 05558W    | 131       |           | 995.0        | 1009.3         | 26.3        | .6     | 18.3           | -3.7   | 4             | 80    | -70    | 1        | 190      | 85       |
| <b>87217 LA RIOJA AERO.</b>            | 2923S    | 06649W    | 438       |           | 959.6        | 1009.8         | 27.7        | .5     | 19.4           | .4     | 4             | 16    | -40    | 1        | 243      | 100      |
| 87222 CATAMARCA AERO.                  | 2836S    | 06546W    | 454       |           | 956.0        | 1006.3         | 27.4        |        | 15.7           |        | 9             | 56    |        | 2        | 223      | 90       |
| 87244 VILLA DE MARIA DEL RIO SECO      | 2954S    | 06341W    | 341       |           | 972.4        |                | 24.4        | .3     | 18.2           | -1.5   | 4             | 50    | -76    | 1        |          |          |
| <b>87257 CERES AERO</b>                | 2953S    | 06157W    | 88        |           | 1000.6       | 1010.7         | 25.2        | .6     | 16.6           | -3.8   | 3             | 23    | -104   | 1        | 298      | 110      |
| 87270 RECONQUISTA AERO                 | 2911S    | 05942W    | 53        |           | 1004.3       | 1010.4         | 24.7        | -2     | 18.5           | -3.8   | 2             | 18    | -118   | 1        | 272      | 99       |
| 87289 PASO DE LOS LIBRES AERO          | 2941S    | 05709W    | 70        |           | 1002.7       | 1010.7         | 24.5        | -4     | 18.1           | -1.8   | 4             | 173   | 56     | 4        | 281      | 135      |
| <b>87305 JACHAL</b>                    | 3015S    | 06845W    | 1175      |           | 882.2        |                | 24.6        |        | 17.2           |        | 4             | 32    |        |          | 310      |          |
| 87311 SAN JUAN AERO                    | 3124S    | 06825W    | 598       |           | 942.3        | 1007.8         | 26.7        |        | 12.7           |        | 2             | 22    |        | 5        | 327      | 95       |
| 87320 CHAMICAL AERO                    | 3022S    | 06617W    | 467       |           | 957.7        | 1009.0         | 26.0        | .1     | 16.8           | .0     | 4             | 54    | -24    | 2        | 292      | 135      |
| 87328 VILLA DOLORES AERO               | 3157S    | 06508W    | 569       |           | 946.4        | 1010.4         | 25.1        | .7     | 13.8           | -2.2   | 7             | 111   | -7     | 3        | 311      |          |
| <b>87344 CORDOBA AERO</b>              | 3119S    | 06413W    | 484       |           | 958.3        | 1011.6         | 23.6        | .9     | 14.6           | -3.2   | 4             | 22    | -126   | 1        | 293      | 130      |
| 87349 PILAR OBSERVATORIO               | 3140S    | 06353W    | 338       |           | 973.5        | 1012.0         | 23.3        | .7     | 14.9           | -2.6   | 4             | 36    | -107   | 1        | 282      | 105      |
| <b>87374 PARANA AERO</b>               | 3147S    | 06029W    | 78        |           | 1003.0       | 1011.5         | 23.9        | .4     | 15.5           | -3.1   | 3             | 52    | -60    | 1        | 313      | 115      |
| 87393 MONTE CASEROS AERO               | 3016S    | 05739W    | 54        |           | 1005.0       | 1011.2         | 24.6        | -1     | 17.7           | -2.1   | 2             | 176   | 47     | 4        |          |          |
| 87395 CONCORDIA AERO                   | 3118S    | 05801W    | 38        |           | 1007.0       | 1011.4         | 23.5        | -6     | 16.0           | -2.9   | 4             | 61    | -54    | 2        | 256      |          |
| <b>87418 MENDOZA AERO</b>              | 3250S    | 06847W    | 705       |           | 931.6        | 1008.5         | 25.7        | 1.3    | 12.2           | -1.6   | 1             | 2     | -22    | 1        | 353      | 124      |
| 87436 SAN LUIS AERO                    | 3316S    | 06621W    | 713       |           | 930.9        | 1009.5         | 24.0        | .4     | 13.1           | -1.0   | 3             | 55    | -46    | 1        | 361      | 114      |
| 87448 VILLA REYNOLDS AERO              | 3344S    | 06523W    | 486       |           | 956.4        | 1011.0         | 23.9        | 1.5    | 14.4           | -1.7   | 6             | 28    | -84    | 1        | 325      | 116      |
| 87453 RIO CUARTO AERO                  | 3307S    | 06414W    | 421       |           | 963.6        | 1011.1         | 23.1        | 1.0    | 14.1           | -2.0   | 3             | 30    | -113   | 0        | 297      |          |
| 87467 MARCOS JUAREZ AERO               | 3242S    | 06209W    | 114       |           | 998.8        | 1011.8         | 23.1        | .1     | 16.5           | -2.1   | 2             | 24    | -106   | 0        | 334      | 137      |
| 87480 ROSARIO AERO                     | 3255S    | 06047W    | 25        |           | 1009.0       | 1011.8         | 24.1        | 1.1    | 16.1           | -2.6   | 2             | 57    | -63    | 1        | 303      |          |
| 87497 GUALEGUAYCHU AERO                | 3300S    | 05837W    | 23        |           | 1009.7       | 1012.4         | 23.2        | .0     | 15.9           | -1.8   | 4             | 40    | -58    | 2        | 267      | 106      |
| 87506 MALARGUE AERO                    | 3530S    | 06935W    | 1426      |           | 957.4        |                | 20.0        | 1.6    | 9.0            | -4     | 2             | 14    | -12    | 2        | 367      |          |
| 87509 SAN RAFAEL AERO                  | 3435S    | 06824W    | 748       |           | 927.5        | 1010.1         | 23.6        | 1.3    | 11.6           | -1.6   | 1             | 13    | -31    | 2        | 311      | 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. |
| 87532 GENERAL PICO AERO              | 3542S    | 06345W    | 145       |           | 995.4        | 1012.0         | 23.9        | 1.0    | 14.8           | -8     | 4             | 35    | -66    | 1        | 224      |          |
| <b>87534 LABOULAYE AERO</b>          | 3408S    | 06322W    | 137       |           | 996.1        | 1011.9         | 23.4        | .7     | 13.8           | -2.9   | 2             | 9     | -99    | 1        | 322      | 115      |
| 87544 PEHUAJO AERO                   | 3552S    | 06154W    | 87        |           | 1002.6       | 1013.0         | 23.0        | 1.4    | 16.6           | -.5    | 2             | 8     | -92    | 1        | 391      |          |
| 87548 JUNIN AERO                     | 3433S    | 06055W    | 82        |           | 1002.9       | 1012.2         | 22.5        | .7     | 14.0           | -2.8   | 01            | 1     | -99    | 0        | 305      | 111      |
| 87576 EZEIZA AERO                    | 3449S    | 05832W    | 20        |           | 1011.1       | 1013.4         | 22.9        | 1.0    | 16.0           | -1.0   | 3             | 15    | -78    | 0        | 252      | 127      |
| 87623 SANTA ROSA AERO                | 3634S    | 06416W    | 191       |           | 990.2        | 1012.3         | 23.9        | 1.5    | 14.0           | -1.3   | 3             | 39    | -54    | 1        | 358      | 118      |
| 87640 BOLIVAR AERO                   | 3612S    | 06104W    | 94        |           | 1002.4       | 1013.6         | 22.1        |        | 14.8           |        | 5             | 14    |        |          | 372      |          |
| 87641 AZUL AERO                      | 3650S    | 05953W    | 147       |           | 996.7        | 1013.9         | 20.6        |        | 14.4           |        | 2             | 10    |        | 0        | 329      | 130      |
| 87645 TANDIL AERO                    | 3714S    | 05915W    | 175       |           | 993.6        | 1014.0         | 19.3        |        | 13.7           |        | 3             | 61    |        | 2        | 280      | 115      |
| 87648 DOLORES AERO                   | 3621S    | 05744W    | 10        |           | 1012.9       | 1014.1         | 19.7        | -.5    | 16.3           | -1.1   | 5             | 65    |        | 2        | 194      | 78       |
| 87688 TRES ARROYOS                   | 3820S    | 06015W    | 115       |           | 1000.5       | 1014.0         | 19.9        |        | 13.9           |        | 5             | 131   |        | 5        | 282      | 100      |
| <b>87692 MAR DEL PLATA AERO</b>      | 3756S    | 05735W    | 21        |           | 1012.6       | 1015.2         | 18.1        | -.4    | 16.5           | .4     | 6             | 131   | 27     | 4        | 140      |          |
| <b>87715 NEUQUEN AERO</b>            | 3857S    | 06808W    | 271       |           | 980.7        | 1011.5         | 24.2        | 2.0    | 9.6            | .4     | 0             | T     | -13    | 1        | 289      | 104      |
| <b>87750 BAHIA BLANCA AERO</b>       | 3844S    | 06210W    | 83        |           | 1003.4       | 1013.1         | 22.2        | .8     | 12.5           | -.4    | 9             | 41    | -29    | 2        | 348      |          |
| 87765 BARILOCHE AERO                 | 4109S    | 07110W    | 845       |           | 919.4        |                | 16.1        | 3.2    | 7.4            | -1.4   | 1             | 3     | -29    | 1        | 387      | 116      |
| 87784 SAN ANTONIO OESTE AERO         | 4047S    | 06506W    | 20        |           | 1010.7       | 1013.0         | 21.8        | .7     | 11.7           | .6     | 1             | 4     | -15    | 1        | 341      | 120      |
| 87791 VIEDMA AERO                    | 4051S    | 06301W    | 7         |           | 1012.2       | 1013.0         | 21.5        |        | 12.3           |        | 5             | 22    |        | 4        | 360      | 120      |
| <b>87803 ESQUEL AERO</b>             | 4256S    | 07109W    | 799       |           | 922.4        | 1012.3         | 16.6        | 3.4    | 8.0            | .7     | 1             | 3     | -22    | 1        | 337      | 70       |
| <b>87828 TRELEW AERO</b>             | 4312S    | 06516W    | 43        |           | 1006.8       | 1011.9         | 20.9        | 1.4    | 9.4            | 1.2    | 0             | 0     | -14    | 1        | 351      | 119      |
| 87852 PERITO MORENO AERO             | 4631S    | 07101W    | 429       |           | 960.8        | 1010.6         | 16.5        |        | 8.0            |        | 1             | 2     |        |          |          |          |
| <b>87860 COMODORO RIVADAVIA AERO</b> | 4547S    | 06730W    | 58        |           | 1004.8       | 1010.2         | 19.5        | 1.6    | 10.1           | 2.3    | 0             | T     | -15    | 1        | 374      | 159      |
| 87896 PUERTO DESEADO AERO            | 4744S    | 06555W    | 81        |           | 1000.1       | 1009.5         | 16.2        | 1.8    | 10.6           | 1.5    | 1             | 2     | -12    | 1        | 276      |          |
| 87904 EL CALAFATE AERO               | 5016S    | 07203W    | 204       |           | 983.9        | 1008.0         | 15.7        |        | 6.8            |        | 1             | 5     |        |          | 308      |          |
| 87909 SAN JULIAN AERO                | 4919S    | 06745W    | 62        |           | 1001.1       | 1008.5         | 16.1        |        | 8.8            |        | 2             | 8     |        | 3        | 332      |          |
| <b>87925 RIO GALLEGOS AERO</b>       | 5137S    | 06917W    | 20        |           | 1004.4       | 1006.7         | 14.5        | 1.8    | 7.6            | -.1    | 5             | 19    | -5     | 2        | 303      |          |
| 87938 USHUAIA AERO                   | 5448S    | 06819W    | 57        |           | 995.0        | 1001.7         | 10.3        | 1.2    | 8.1            | -.4    | 6             | 31    | -11    | 1        | 128      |          |
| <b>ISLANDS</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 88903 GRYTVIKEN,                     | 5416S    | 03630W    | 3         |           | 996.9        | 997.2          | 6.6         |        | 6.3            |        |               |       |        |          | 226      |          |
| <b>ANTARCTICA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>ARGENTINA (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>88963 BASE ESPERANZA</b>          | 6324S    | 05659W    | 24        |           | 981.6        | 984.5          | 2.8         | 2.4    | 5.6            |        | 6             | 16    | -43    | 0        | 161      |          |
| <b>88968 BASE ORCADAS</b>            | 6044S    | 04444W    | 8         |           | 988.4        | 990.1          | 1.1         | 1.0    | 5.7            |        | 15            | 75    | 29     | 5        | 44       |          |
| 89034 BASE BELGRANO II               | 7752S    | 03437W    | 256       |           | 949.3        | 982.2          | -5.2        |        | 3.3            |        | 0             | T     |        |          | 409      |          |
| 89053 BASE JUBANY                    | 6214S    | 05838W    | 11        |           | 987.3        | 988.6          | 2.3         |        | 6.5            |        | 9             | 28    |        |          | 62       |          |
| 89055 BASE MARAMBIO (CENTRO MET. A   | 6414S    | 05643W    | 208       |           | 959.9        | 983.9          | .2          |        | 5.4            |        | 6             | 37    |        |          | 147      |          |
| 89066 BASE SAN MARTIN                | 6807S    | 06708W    | 7         |           | 981.9        | 982.7          | 2.0         |        | 5.7            |        | 15            | 109   |        | 0        | 126      |          |
| <b>AUSTRALIA (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>89564 MAWSON</b>                  | 6736S    | 06252E    | 16        |           | 981.5        | 983.5          | -1.8        |        | 3.2            |        |               |       |        |          | 372      | 138      |

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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. |
| 89571 DAVIS                       | 6835S    | 07758E    | 23        |           | 978.4        | 981.2          | -.5         |        | 3.6            |        |               |       |        |          | 334      | 120      |
| 89611 CASEY                       | 6617S    | 11030E    | 42        |           | 972.5        | 977.7          | -1.0        |        | 4.1            |        | 1             | 5     |        |          | 177      | 95       |
| <b>CHILE (ANTARCTIC)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89056 CENTRO MET. ANTARTICO PDTE. | 6211S    | 05859W    | 48        |           | 983.1        | 987.7          | .8          |        | 6.0            | .6     | 11            | 33    |        | 3        | 16       | 15       |
| 89059 BASE BERNARDO O'HIGGINS     | 6319S    | 05641W    | 10        |           | 983.9        | 985.4          | .3          | .2     | 5.4            | .4     | 9             | 91    | 53     | 5        | 66       | 55       |
| <b>FRANCE (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89642 DUMONT D'URVILLE            | 6639S    | 14000E    | 43        |           | 977.0        | 982.3          | -1.7        |        | 3.6            |        |               |       |        |          | 287      |          |
| <b>GERMANY (ANTARCTIC)</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89002 NEUMAYER                    | 7040S    | 00815W    | 50        |           | 973.4        | 978.7          | -5.4        |        | 3.6            |        |               |       |        |          | 228      | 85       |
| <b>JAPAN (ANTARCTIC)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89532 SYOWA                       | 6900S    | 03935E    | 21        |           | 982.1        | 984.8          | -3.3        | -1.8   | 3.8            | .2     |               |       |        |          | 305      |          |
| <b>UKRAINE (ANTARCTIC)</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89063 VERNADSKY                   | 6515S    | 06416W    | 11        |           | 983.4        | 984.5          | .5          |        | 5.7            |        | 16            | 90    |        |          |          |          |
| <b>UNITED KINGDOM (ANTARCTIC)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89022 HALLEY                      | 7535S    | 02639W    | 35        |           | 977.9        | 981.4          | -6.6        |        | 3.2            |        |               |       |        |          |          |          |
| 89062 ROTHERA                     | 6734S    | 06808W    | 33        |           | 977.3        | 981.3          | 1.0         |        | 5.0            |        |               |       |        |          | 183      | 80       |
| 89065 FOSSIL BLUFF                | 7120S    | 06817W    | 69        |           | 972.2        | 979.8          | -2          |        | 4.8            |        |               |       |        |          |          |          |
| <b>URUGUAY (ANTARCTIC)</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89054 DINAMET-URUGUAY             | 6211S    | 05851W    | 17        |           | 985.3        | 987.2          | 1.5         |        | 6.5            |        | 17            | 54    |        |          | 38       |          |
| <b>RUSSIA (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89050 BELLINGSHAUSEN AWS          | 6212S    | 05856W    | 16        |           | 985.8        | 987.7          | .9          |        | 6.2            |        | 16            | 73    |        |          | 52       |          |
| 89512 NOVOLAZAREVSKAJA            | 7046S    | 01150E    | 119       |           | 965.1        | 979.7          | -3.9        |        | 3.2            |        | 6             | 29    |        |          | 263      |          |
| 89592 MIRNYJ                      | 6633S    | 09301E    | 40        |           | 973.9        | 979.4          | -3.6        |        | 3.7            |        | 6             | 20    |        |          |          |          |
| 89606 VOSTOK                      | 7827S    | 10650E    | 3488      |           | 625.9        | 952.3          | -30.7       |        | .3             |        |               | 2     |        |          | 706      | 160      |
| <b>SW PACIFIC</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MALAYSIA (PENIN. MALAYSIA)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48601 PENANG/BAYAN LEPAS          | 0518N    | 10010E    | 4         |           | 1008.8       | 1009.2         | 27.5        | .8     | 28.5           | .8     | 13            | 140   | 27     | 4        |          |          |
| 48615 KOTA BHARU                  | 0610N    | 10210E    | 5         |           | 1009.6       | 1010.2         | 26.1        | .5     | 28.4           | .5     | 20            | 545   | -26    | 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. |
| 48647 KUALA LUMPUR/SUBANG          | 0307N    | 10130E    | 27        |           | 1006.8       | 1009.3         | 27.8        | 1.8    | 30.9           | 2.4    | 14            | 192   | -38    | 2        |          |          |
| 48657 KUANTAN                      | 0347N    | 10310E    | 16        |           | 1008.0       | 1009.8         | 25.3        | .7     | 29.1           | 1.4    | 21            | 834   | 271    | 4        |          |          |
| 48665 MALACCA                      | 0216N    | 10210E    | 9         |           | 1008.9       | 1009.8         | 26.3        | .3     | 29.3           | 1.1    | 14            | 140   | 17     | 4        |          |          |
| <b>SINGAPORE</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48698 SINGAPORE/CHANGI AIRPORT     | 0122N    | 10350E    | 16        |           | 1007.5       | 1009.3         | 26.6        | .9     | 30.8           | 2.1    | 14            | 285   | -19    | 3        | 103      | 77       |
| <b>USA (PACIFIC OCEAN NORTH)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91165 LIHUE, KAUAI, HAWAII         | 2159N    | 15920W    | 32        |           | 1013.4       | 1018.7         | 23.5        | .8     | 21.5           |        | 12            | 43    | -87    | 2        |          |          |
| 91182 HONOLULU, OAHU, HAWAII       | 2121N    | 15750W    | 5         |           | 1016.9       | 1017.6         | 24.7        | 1.3    | 21.3           |        | 6             | 28    | -68    | 3        |          |          |
| 91212 NWSO AGANA, GUAM, MARIANA IS | 1328N    | 14440E    | 75        |           | 1002.1       | 1010.1         | 27.5        | .2     | 28.3           |        | 23            | 134   | -2     | 3        |          |          |
| 91285 HILO/GEN. LYMAN, HAWAII, HAW | 1943N    | 15500W    | 11        |           | 1016.6       | 1017.7         | 22.0        | -.4    | 21.2           |        | 28            | 515   | 210    | 5        |          |          |
| 91334 CHUUK, ECI                   | 0727N    | 15150E    | 4         |           |              | 1006.4         | .0          | -27.6  |                |        |               | 356   | 63     | 5        |          |          |
| 91348 POHNPEI, CAROLINE IS.        | 0658N    | 15810E    | 38        |           |              | 1007.7         |             |        |                |        |               | 434   | 48     | 5        |          |          |
| 91366 KWAJALEIN/BUCHOLZ AAF, MARSH | 0844N    | 16740E    | 8         |           |              |                | 28.1        | .5     |                |        |               | 150   | -55    | 4        |          |          |
| 91376 MAJURO/MARSHALL IS. INTNL.   | 0705N    | 17120E    | 3         |           |              | 1005.6         |             |        |                |        |               | 268   | -33    | 4        |          |          |
| 91408 KOROR, PALAU WCI.            | 0720N    | 13420E    | 30        |           |              | 1008.3         |             |        |                |        |               | 274   | -30    | 3        |          |          |
| 91413 YAP, CAROLINE IS.            | 0929N    | 13800E    | 16        |           |              | 1008.6         |             |        |                |        |               | 252   | 24     | 4        |          |          |
| <b>NEW CALEDONIA</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91577 KOUMAC (NLLE-CALEDONIE)      | 2034S    | 16417E    | 24        |           | 1005.9       | 1008.0         | 26.0        | .9     | 24.8           |        | 13            | 212   | 111    |          |          |          |
| 91592 NOUMEA (NLLE-CALEDONIE)      | 2217S    | 16627E    | 72        |           | 1000.5       | 1008.9         | 26.0        | 1.4    | 24.5           |        | 10            | 136   | 64     |          |          |          |
| <b>FIJI</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91650 ROTUMA                       | 1230S    | 17700E    | 26        |           |              | 1008.3         | 27.5        |        | 32.3           |        | 28            | 245   |        | 3        |          |          |
| 91652 UDU POINT AWS                | 1608S    | 17950W    | 63        |           |              | 1008.4         | 27.3        |        | 30.6           |        | 21            | 252   |        | 3        |          |          |
| 91680 NADI AIRPORT                 | 1745S    | 17720E    | 18        |           |              | 1009.3         | 26.2        | -.5    | 28.6           |        | 12            | 296   | 137    | 5        | 204      | 91       |
| 91683 NAUSORI                      | 1803S    | 17830E    | 7         |           |              | 1009.5         | 26.2        |        | 29.7           |        | 22            | 320   |        | 4        |          |          |
| 91699 ONO-I-LAU AWS                | 2040S    | 17840W    | 28        |           |              | 1012.0         | 26.7        |        | 29.3           |        | 20            | 240   |        | 5        |          |          |
| <b>DETACHED ISLANDS</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91753 HIIHIFO (ILE WALLIS)         | 1314S    | 17611W    | 27        |           | 1005.9       | 1009.1         | 27.3        |        | 29.5           |        | 23            | 379   |        |          | 180      |          |
| <b>SAMOA AND AMERICAN SAMOA</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91765 PAGO PAGO/INT.AIRP.          | 1420S    | 17040W    | 6         |           |              |                | 27.6        |        |                |        |               | 246   |        | 3        |          |          |
| <b>COOK ISLANDS</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91843 RAROTONGA                    | 2112S    | 15940W    | 7         |           | 1011.1       | 1011.8         |             |        | 28.2           |        |               |       |        |          | 199      |          |
| <b>FRENCH POLY. (MARQUESAS IS)</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. |
| <b>91925 ATUONA</b>                       | 0949S    | 13902W    | 53        |           | 1005.9       | 1011.9         | 25.8        |        | 24.1           |        | 13            | 79    | -18    |          | 229      | 94       |
| <b>FRENCH POLY. (SOCIETY IS)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91929 BORA-BORA                           | 1627S    | 15145W    | 3         |           | 1012.2       | 1012.5         | 27.4        |        | 27.2           |        | 16            | 147   |        |          |          |          |
| <b>91938 TAHITI-FAAA</b>                  | 1733S    | 14937W    | 2         |           | 1012.8       | 1013.0         | 27.0        |        | 25.1           |        | 17            | 172   | -145   |          | 217      | 111      |
| <b>FRENCH POLY. (TUAMOTU IS)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>91943 TAKAROA</b>                      | 1429S    | 14502W    | 3         |           | 1012.6       | 1012.9         | 27.3        |        | 25.6           |        | 10            | 50    | -137   |          |          |          |
| <b>91945 HEREHERETUE</b>                  | 1954S    | 14557W    | 3         |           | 1014.0       | 1014.3         | 26.9        |        | 26.9           |        |               |       |        |          |          |          |
| <b>91948 RIKITEA</b>                      | 2308S    | 13458W    | 91        |           | 1007.1       | 1017.3         | 24.4        |        | 22.8           |        | 13            | 68    | -135   |          | 237      | 120      |
| <b>FRENCH POLY. (AUSTRAL IS)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>91954 TUBUAI</b>                       | 2321S    | 14929W    | 3         |           | 1014.1       | 1014.2         | 26.0        |        | 27.3           |        | 18            | 176   | -11    |          | 193      | 96       |
| <b>91958 RAPA</b>                         | 2737S    | 14420W    | 2         |           | 1016.9       | 1017.1         | 23.4        |        | 22.5           |        | 14            | 79    |        |          | 158      |          |
| <b>NEW ZEALAND</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>93012 KAITAIA</b>                      | 3506S    | 17310E    | 54        |           |              |                | 18.3        |        | 17.1           |        |               |       |        |          |          |          |
| <b>93292 GISBORNE AERODROME AWS</b>       | 3839S    | 17750E    | 5         |           |              | 1019.0         | 17.1        | -6     | 14.9           |        | 10            | 64    | -6     | 4        |          |          |
| <b>93309 NEW PLYMOUTH AWS</b>             | 3901S    | 17410E    | 32        |           |              | 1016.9         | 16.9        |        | 15.9           |        | 14            | 343   |        | 5        |          |          |
| <b>93615 HOKITIKA AERODROME AWS</b>       | 4243S    | 17050E    | 45        |           |              | 1016.4         | 16.3        |        | 15.4           |        | 12            | 174   |        | 1        |          |          |
| <b>93678 KAIKOURA</b>                     | 4225S    | 17340E    | 105       |           |              | 1016.7         | 14.7        |        | 13.4           |        | 1             | 13    |        | 0        |          |          |
| <b>93947 CAMPBELL ISLAND AWS</b>          | 5233S    | 16900E    | 19        |           |              | 1011.5         | 9.3         |        | 9.7            |        | 17            | 74    |        | 1        |          |          |
| <b>93987 CHATHAM ISLANDS AWS</b>          | 4357S    | 17630W    | 49        |           |              | 1021.0         | 13.4        |        | 12.3           |        |               |       |        |          |          |          |
| <b>93994 RAOUL ISLAND, KERMADEC IS. A</b> | 2915S    | 17750W    | 49        |           |              | 1015.3         | 21.5        |        | 20.1           |        | 7             | 91    |        | 3        |          |          |
| <b>AUSTRALIA</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>94120 DARWIN AIRPORT</b>               | 1225S    | 13050E    | 35        |           | 1001.1       | 1005.0         | 29.5        |        | 30.5           |        | 15            | 234   | 1      | 4        | 214      | 96       |
| <b>94131 TINDAL RAAF</b>                  | 1431S    | 13220E    | 135       |           | 989.7        | 1004.7         | 29.9        |        | 27.4           |        |               |       |        |          |          |          |
| <b>94150 GOVE AIRPORT</b>                 | 1217S    | 13640E    | 54        |           | 999.1        | 1005.1         | 29.0        |        | 30.3           |        | 17            | 516   |        |          | 158      | 60       |
| <b>94170 WEIPA AERO</b>                   | 1241S    | 14150E    | 19        |           | 1003.9       | 1006.0         | 28.5        |        | 30.3           |        | 21            | 352   |        |          |          |          |
| <b>94203 BROOME AIRPORT</b>               | 1757S    | 12210E    | 17        |           | 1004.5       | 1005.5         | 31.1        |        | 29.1           |        | 0             | T     | -47    | 1        | 355      |          |
| <b>94212 HALLS CREEK AIRPORT</b>          | 1814S    | 12740E    | 424       |           | 958.0        | 1004.2         | 30.6        |        | 21.4           |        | 8             | 150   | 77     | 5        |          |          |
| <b>94238 TENNANT CREEK MET OFFICE</b>     | 1938S    | 13410E    | 377       |           | 963.8        | 1005.0         | 29.5        |        | 19.3           |        | 8             | 105   | 45     | 1        |          |          |
| <b>94287 CAIRNS AERO</b>                  | 1653S    | 14540E    | 8         |           | 1006.0       | 1006.9         | 28.0        |        | 27.8           |        | 12            | 157   | -33    | 4        | 213      | 89       |
| <b>94294 TOWNSVILLE AERO</b>              | 1915S    | 14640E    | 9         |           | 1006.5       | 1007.5         | 27.9        |        | 26.8           |        | 6             | 167   | 20     | 4        | 255      | 93       |
| <b>94299 WILLIS ISLAND</b>                | 1618S    | 14950E    | 9         |           | 1005.9       | 1006.9         | 28.9        |        | 30.1           |        |               |       |        |          |          |          |
| <b>94300 CARNARVON AIRPORT</b>            | 2453S    | 11340E    | 8         |           | 1006.4       | 1007.3         | 26.2        |        | 21.4           |        | 0             | 0     | -1     | 1        |          |          |
| <b>94302 LEARMONTH AIRPORT</b>            | 2214S    | 11400E    | 6         |           | 1005.6       | 1006.2         | 29.5        |        | 19.0           |        | 0             | 0     | -1     | 1        |          |          |
| <b>94312 PORT HEDLAND AIRPORT</b>         | 2022S    | 11830E    | 10        |           | 1003.8       | 1004.7         | 30.1        |        | 26.3           |        | 0             | 0     | -16    | 1        |          |          |
| <b>94313 WITTENOOM</b>                    | 2215S    | 11820E    | 464       |           |              |                | 33.6        |        |                |        | 0             | T     |        | 1        |          |          |
| <b>94317 NEWMAN AERO</b>                  | 2325S    | 11940E    | 526       |           | 946.6        | 1003.4         | 32.3        |        | 12.3           |        | 1             | 7     |        |          |          |          |
| <b>94326 ALICE SPRINGS AIRPORT</b>        | 2348S    | 13350E    | 547       |           | 946.5        | 1006.5         | 27.7        |        | 10.6           |        | 2             | 4     | -31    | 1        |          |          |
| <b>94332 MOUNT ISA AERO</b>               | 2041S    | 13920E    | 342       |           | 968.0        | 1005.5         | 27.7        |        | 19.3           |        | 10            | 173   | 111    | 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. |
| 94339 WINTON POST OFFICE          | 2223S    | 14300E    | 184       |           | 985.7        | 1006.0         | 29.2        |        | 20.6           |        | 8             | 64    |        | 4        |          |          |
| 94340 RICHMOND POST OFFICE        | 2044S    | 14300E    | 214       |           |              |                |             |        |                |        | 4             | 88    |        | 4        |          |          |
| 94346 LONGREACH AERO              | 2326S    | 14410E    | 192       |           | 985.1        | 1006.5         | 27.8        |        | 18.7           |        | 10            | 81    | 33     | 4        |          |          |
| 94367 MACKAY MO                   | 2107S    | 14910E    | 33        |           | 1004.2       | 1008.3         | 26.9        |        | 25.8           |        | 14            | 157   | -40    | 3        | 243      | 85       |
| 94374 ROCKHAMPTON AERO            | 2323S    | 15020E    | 14        |           | 1007.4       | 1009.1         | 25.8        |        | 22.3           |        | 10            | 154   | 29     | 4        |          |          |
| 94380 GLADSTONE RADAR             | 2351S    | 15110E    | 75        |           | 1001.1       | 1009.6         | 25.8        |        | 22.2           |        |               |       |        |          |          |          |
| 94403 GERALDTON AIRPORT           | 2848S    | 11440E    | 37        |           | 1004.4       | 1007.9         | 25.0        |        | 17.5           |        | 0             | T     | -4     | 1        |          |          |
| 94430 MEEKATHARRA AIRPORT         | 2637S    | 11830E    | 522       |           | 948.3        | 1005.1         | 29.2        |        | 11.1           |        | 4             | 11    | 0      | 3        |          |          |
| 94461 GILES METEOROLOGICAL OFFICE | 2502S    | 12810E    | 599       |           | 940.7        | 1005.8         | 27.6        |        | 11.3           |        | 3             | 117   | 88     | 6        | 314      | 101      |
| 94476 OODNADATTA AIRPORT          | 2733S    | 13520E    | 118       |           | 995.3        | 1008.6         | 28.6        |        | 9.7            |        | 1             | 7     |        |          |          |          |
| 94480 MARREE                      | 2939S    | 13800E    | 51        |           |              |                |             |        |                |        | 2             | 16    |        | 4        |          |          |
| 94485 TIBOOBURRA POST OFFICE      | 2926S    | 14200E    | 184       |           |              |                | 26.2        |        |                |        | 3             | 34    | 11     | 5        |          |          |
| 94510 CHARLEVILLE AERO            | 2625S    | 14610E    | 306       |           | 974.3        | 1008.2         | 24.3        |        | 18.2           |        | 11            | 120   | 68     | 5        |          |          |
| 94517 ST GEORGE AIRPORT           | 2803S    | 14830E    | 200       |           | 987.2        | 1009.6         | 23.1        |        | 17.8           |        | 9             | 78    |        |          |          |          |
| 94568 AMBERLEY AMO                | 2738S    | 15240E    | 31        |           | 1008.6       | 1011.4         | 22.4        |        | 18.4           |        |               |       |        |          |          |          |
| 94570 TEWANTIN RSL PARK           | 2623S    | 15300E    | 7         |           | 1010.2       | 1011.0         | 23.1        |        | 20.4           |        |               |       |        |          |          |          |
| 94578 BRISBANE AERO               | 2723S    | 15300E    | 10        |           | 1010.5       | 1011.6         | 22.3        |        | 19.0           |        | 13            | 125   | -6     | 1        | 198      | 70       |
| 94589 YAMBA PILOT STATION         | 2926S    | 15320E    | 30        |           | 1009.3       | 1012.6         | 21.2        |        | 19.0           |        |               |       |        |          |          |          |
| 94601 CAPE LEEUWIN                | 3422S    | 11500E    | 14        |           | 1011.3       | 1012.9         | 20.6        |        | 16.6           |        | 5             | 14    |        | 3        |          |          |
| 94602 ROTTNESST ISLAND            | 3201S    | 11530E    | 43        |           | 1004.7       | 1009.7         | 22.7        |        | 16.9           |        | 3             | 70    |        |          |          |          |
| 94610 PERTH AIRPORT               | 3156S    | 11550E    | 20        |           | 1007.3       | 1009.6         | 24.0        |        | 14.0           |        | 3             | 66    | 57     | 6        | 316      |          |
| 94619 DALWALLINU COMPARISON       | 3017S    | 11640E    | 338       |           |              |                | 25.1        |        |                |        | 2             | 18    |        | 4        |          |          |
| 94635 LAKE GRACE COMPARISON       | 3307S    | 11820E    | 287       |           |              |                | 21.5        |        |                |        | 6             | 93    |        | 6        |          |          |
| 94637 KALGOORLIE-BOULDER AIRPORT  | 3047S    | 12120E    | 370       |           | 968.0        | 1009.5         | 23.9        |        | 11.3           |        | 4             | 24    | 8      | 5        |          |          |
| 94638 ESPERANCE                   | 3350S    | 12150E    | 27        |           | 1010.8       | 1013.9         | 19.7        |        | 15.4           |        | 5             | 62    | 46     | 1        |          |          |
| 94647 EUCLA                       | 3141S    | 12850E    | 102       |           | 1000.6       | 1012.5         | 21.1        |        | 15.6           |        |               |       |        |          |          |          |
| 94653 CEDUNA AMO                  | 3208S    | 13340E    | 24        |           | 1010.0       | 1011.9         | 22.0        |        | 13.3           |        | 2             | 22    | 6      | 5        |          |          |
| 94659 WOOMERA AERODROME           | 3109S    | 13640E    | 168       |           | 991.4        | 1010.7         | 25.9        |        | 9.4            |        | 1             | 14    | 1      | 4        |          |          |
| 94672 ADELAIDE AIRPORT            | 3457S    | 13830E    | 8         |           | 1012.4       | 1013.4         | 21.1        |        | 12.1           |        | 4             | 25    | 1      | 3        | 285      | 95       |
| 94681 NURIOOTPA VITICULTURAL      | 3429S    | 13900E    | 276       |           | 981.3        | 1013.2         | 19.7        |        | 10.6           |        | 4             | 42    | 18     | 1        | 290      | 101      |
| 94689 BROKEN HILL (PATTON STREET) | 3159S    | 14120E    | 315       |           |              |                | 23.6        |        |                |        |               |       |        |          |          |          |
| 94693 MILDURA AIRPORT             | 3414S    | 14200E    | 53        |           | 1006.0       | 1012.1         | 22.8        |        | 10.6           |        | 2             | 63    | 41     | 5        | 342      | 100      |
| 94711 COBAR MO                    | 3129S    | 14550E    | 264       |           | 980.5        | 1010.4         | 23.5        |        | 12.5           |        | 7             | 39    | 2      | 1        |          |          |
| 94738 SCONE SCS                   | 3204S    | 15050E    | 216       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 94740 GUNNEDAH SCS                | 3102S    | 15010E    | 307       |           |              |                | 20.9        |        |                |        | 8             | 82    |        | 4        |          |          |
| 94750 NOWRA RAN AIR STATION AWS   | 3457S    | 15030E    | 122       |           | 1002.6       | 1014.8         | 17.9        |        | 15.2           |        | 12            | 83    | 4      | 1        |          |          |
| 94767 SYDNEY AIRPORT AMO          | 3356S    | 15110E    | 6         |           | 1014.3       | 1014.9         | 19.7        |        | 16.2           |        | 11            | 111   | 31     | 4        | 206      | 80       |
| 94776 WILLIAMTOWN RAAF            | 3248S    | 15150E    | 10        |           | 1013.4       | 1014.4         | 19.6        |        | 16.4           |        | 11            | 88    | 6      | 4        |          |          |
| 94786 PORT MACQUARIE AIRPORT AWS  | 3126S    | 15250E    | 5         |           | 1013.1       | 1013.7         | 20.1        |        | 17.3           |        | 13            | 131   |        |          |          |          |
| 94791 COFFS HARBOUR MO            | 3019S    | 15300E    | 6         |           | 1012.3       | 1013.1         | 20.6        |        | 17.4           |        |               |       |        |          | 205      | 83       |
| 94802 ALBANY AIRPORT              | 3456S    | 11740E    | 71        |           | 1006.0       | 1014.2         | 18.4        |        | 15.5           |        | 8             | 61    | 38     | 5        | 232      |          |
| 94812 ROBE                        | 3710S    | 13940E    | 4         |           |              |                | 17.3        |        |                |        | 2             | 10    |        | 2        |          |          |
| 94814 STRATHALBYN RACECOURSE      | 3517S    | 13850E    | 58        |           | 1007.1       | 1013.9         | 19.4        |        | 12.7           |        | 4             | 31    |        |          |          |          |
| 94821 MOUNT GAMBIER AERO          | 3744S    | 14040E    | 69        |           | 1006.5       | 1014.6         | 17.5        |        | 12.9           |        | 2             | 29    | -8     | 2        | 273      | 110      |
| 94826 CAPE NELSON LIGHTHOUSE      | 3826S    | 14130E    | 47        |           | 1009.6       | 1015.1         | 17.0        |        | 14.8           |        | 3             | 19    |        |          |          |          |
| 94842 CAPE OTWAY LIGHTHOUSE       | 3851S    | 14330E    | 83        |           | 1005.2       | 1015.0         | 16.8        |        | 13.6           |        | 7             | 21    |        | 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. |
| 94865 LAVERTON RAAF                     | 3752S    | 14440E    | 20        |           | 1011.8       | 1014.4         | 18.3        |        | 14.1           |        | 5             | 77    | 28     | 4        |          |          |
| 94866 MELBOURNE AIRPORT                 | 3740S    | 14450E    | 132       |           | 1000.4       | 1014.3         | 18.2        |        | 13.1           |        | 4             | 61    | 14     | 4        | 272      | 105      |
| 94893 WILSONS PROMONTORY LIGHTHOUSE     | 3907S    | 14620E    | 97        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>94907 EAST SALE AIRPORT</b>          | 3806S    | 14700E    | 8         |           | 1013.7       | 1014.7         | 16.9        |        | 13.9           |        | 4             | 27    | -30    | 1        | 270      | 112      |
| <b>94910 WAGGA WAGGA AMO</b>            | 3510S    | 14720E    | 221       |           | 987.5        | 1012.2         | 20.6        |        | 12.9           |        | 8             | 67    | 19     | 4        | 338      | 105      |
| 94917 ORBOST (COMPARISON)               | 3741S    | 14820E    | 42        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 94926 CANBERRA AIRPORT                  | 3518S    | 14910E    | 580       |           | 948.0        | 1013.6         | 17.0        |        | 12.4           |        | 9             | 72    | 20     | 1        |          |          |
| <b>94937 MORUYA HEADS PILOT STATION</b> | 3555S    | 15000E    | 17        |           | 1012.9       | 1014.8         | 17.6        |        | 15.7           |        | 6             | 44    |        | 2        |          |          |
| 94954 CAPE GRIM BAPS                    | 4040S    | 14440E    | 94        |           | 1004.5       | 1015.6         | 15.1        |        | 12.8           |        | 4             | 28    |        |          |          |          |
| <b>94967 CAPE BRUNY LIGHTHOUSE</b>      | 4330S    | 14700E    | 55        |           |              |                | 14.5        |        |                |        | 8             | 51    |        | 2        |          |          |
| 94975 HOBART AIRPORT                    | 4250S    | 14730E    | 27        |           | 1012.0       | 1015.3         | 15.9        |        | 11.8           |        | 8             | 63    | 8      | 4        | 266      | 115      |
| 94983 EDDYSTONE POINT                   | 4100S    | 14820E    | 21        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 95322 RABBIT FLAT                       | 2011S    | 13000E    | 340       |           | 967.3        | 1004.5         | 30.1        |        | 20.4           |        | 7             | 74    |        |          | 327      | 120      |
| 95527 MOREE AERO                        | 2929S    | 14950E    | 218       |           | 985.7        | 1010.6         | 22.6        |        | 16.9           |        | 11            | 127   |        |          |          |          |
| <b>95646 FORREST</b>                    | 3050S    | 12800E    | 160       |           |              |                | 23.3        |        |                |        |               |       |        |          |          |          |
| 95670 RAYVILLE PARK                     | 3347S    | 13810E    | 109       |           | 999.8        | 1012.5         | 21.4        |        | 10.6           |        | 3             | 37    |        |          |          |          |
| 95719 DUBBO AIRPORT AWS                 | 3213S    | 14830E    | 285       |           | 979.4        | 1011.8         | 20.4        |        | 14.5           |        | 7             | 75    |        |          |          |          |
| <b>95753 RICHMOND RAAF</b>              | 3336S    | 15040E    | 21        |           | 1012.6       | 1014.9         | 19.4        |        | 15.8           |        | 11            | 67    |        |          |          |          |
| 95869 DENILQUIN AIRPORT AWS             | 3534S    | 14450E    | 96        |           | 1000.8       | 1011.8         | 21.6        |        | 11.2           |        | 4             | 32    |        |          |          |          |
| 95916 CABRAMURRA SMHEA                  | 3556S    | 14820E    | 1483      |           |              |                | 12.0        |        | 10.3           |        |               |       |        |          |          |          |
| 95964 LOW HEAD                          | 4103S    | 14640E    | 4         |           | 1014.6       | 1015.0         | 16.4        |        | 13.1           |        | 2             | 32    |        |          |          |          |
| <b>AUSTRALIA (ADDITIONAL IS.)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>94995 LORD HOWE ISLAND AERO</b>      | 3132S    | 15900E    | 7         |           | 1011.0       | 1011.7         | 20.6        |        | 17.3           |        | 15            | 176   | 72     | 1        |          |          |
| <b>94996 NORFOLK ISLAND AERO</b>        | 2902S    | 16750E    | 117       |           | 997.5        | 1011.1         | 21.2        |        | 19.6           |        | 11            |       |        |          | 174      | 72       |
| <b>94998 MACQUARIE ISLAND</b>           | 5430S    | 15850E    | 8         |           | 1004.2       | 1005.2         | 6.6         |        | 8.4            |        | 12            | 53    | -20    | 1        | 114      | 109      |
| <b>INDONESIA</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 96035 MEDAN/POLONIA                     | 0334N    | 09841E    | 25        |           | 1009.5       | 1013.3         | 26.7        |        | 28.8           |        | 12            | 169   |        | 2        | 81       | 95       |
| <b>96073 SIBOLGA/PINANGSORI</b>         | 0133N    | 09853E    | 3         |           | 1008.4       | 1009.1         | 26.2        |        | 4.8            |        | 21            |       |        |          | 112      | 75       |
| 96091 TANJUNG PINANG/KIJANG             | 0055N    | 10430E    | 18        |           | 1007.5       | 1009.9         | 26.3        |        | 30.3           |        | 20            |       |        |          | 92       | 105      |
| 96109 PEKAN BARU/SIMPANGTIGA            | 0028N    | 10120E    | 31        |           |              | 28.5           | 27.3        |        | 28.4           |        | 41            | 342   |        | 0        |          | 0        |
| <b>96163 PADANG/TABING</b>              | 0053S    | 10020E    | 3         |           | 1009.3       | 1010.0         | 26.6        |        | 29.3           |        | 18            | 329   |        | 0        | 99       | 55       |
| 96221 PALEMBANG/ST. M. BADARUDIN I      | 0254S    | 10440E    | 10        |           | 1005.3       | 1008.8         | 26.5        |        | 29.4           |        | 18            | 269   |        |          | 92       | 50       |
| 96237 PANGKAL PINANG                    | 0210S    | 10600E    | 33        |           | 1004.6       | 1008.8         | 26.1        |        | 28.5           |        | 23            | 269   |        |          | 61       | 55       |
| 96249 TANJUNG PANDAN/BULUH TUMBANG      | 0245S    | 10740E    | 44        |           | 1002.6       | 1008.7         | 26.0        |        | 30.3           |        | 22            | 498   |        | 3        | 73       | 45       |
| 96295 TANJUNG KARANG/RADIN INTEN I      | 0506S    | 10510E    | 96        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 96509 TARAKAN/JUWATA                    | 0320N    | 11730E    | 6         |           | 1007.0       | 1008.1         | 27.4        |        | 31.3           |        | 17            | 514   |        |          | 118      |          |
| 96581 PONTIANAK/SUPADIO                 | 0009S    | 10920E    | 3         |           | 1007.9       | 1008.6         | 26.6        |        | 30.3           |        | 19            | 464   |        | 5        | 151      | 105      |
| 96633 BALIKPAPAN/SEPINGGAN              | 0116S    | 11650E    | 3         |           | 1006.5       | 1007.3         | 27.0        |        | 31.5           |        | 20            | 331   |        | 5        | 82       | 85       |
| 96685 BANJARMASIN/SYAMSUDIN NOOR        | 0326S    | 11440E    | 20        |           | 1006.3       | 1008.9         | 26.6        |        | 30.2           |        | 27            | 639   |        | 6        | 67       | 75       |
| 96749 JAKARTA/SOEKARNO-HATTA            | 0607S    | 10630E    | 8         |           | 1007.4       | 1008.8         | 27.5        |        | 28.7           |        | 11            | 143   |        |          | 90       |          |
| <b>96805 CILACAP</b>                    | 0744S    | 10900E    | 6         |           | 1008.5       | 1009.4         | 27.5        |        | 30.3           |        | 26            | 332   |        |          | 88       | 60       |
| 96933 SURABAYA/PERAK I                  | 0713S    | 11240E    | 3         |           | 1007.7       | 1008.1         | 28.4        |        | 30.2           |        | 13            | 268   |        | 2        |          |          |
| <b>97014 MENADO/ SAM RATULANGI</b>      | 0132N    | 12450E    | 80        |           | 999.3        | 1008.6         | 26.1        |        | 28.8           |        | 23            | 508   |        | 5        | 133      | 95       |



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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>97146 KENDARI/WOLTER MONGINSIDI</b> | 0406S    | 12220E    | 50        |           | 1001.0       | 1007.0         | 27.3        |        |                |        |               | 99    |        | 2        |          |          |
| 97180 UJUNG PANDANG/HASANUDDIN         | 0504S    | 11930E    | 14        |           | 1006.6       | 1008.4         | 26.5        |        | 31.6           |        | 25            | 868   |        | 5        | 73       | 60       |
| 97230 DENPASAR/NGURAH RAI              | 0845S    | 11510E    | 1         |           | 1006.8       | 1007.5         | 27.8        |        | 31.0           |        | 20            | 335   |        | 4        | 170      | 80       |
| 97260 SUMBAWA BESAR/BRANGBIJI          | 0826S    | 11720E    | 3         |           | 1006.0       | 1006.7         | 27.4        |        | 30.7           |        | 13            | 176   |        | 2        | 192      | 100      |
| <b>97340 WAINGAPU/MAU HAU</b>          | 0940S    | 12020E    | 12        |           | 1005.7       | 1007.0         | 28.2        |        | 32.6           |        | 10            | 78    |        | 3        | 149      | 90       |
| <b>97372 KUPANG/ELTARI</b>             | 1010S    | 12340E    | 108       |           | 100.0        |                | 27.2        |        | 31.9           |        | 20            | 299   |        |          | 144      | 110      |
| <b>97502 SORONG/JEFMAN</b>             | 0056S    | 13100E    | 3         |           | 1006.5       | 1006.8         | 27.2        |        | 31.3           |        | 15            | 222   |        |          | 114      |          |
| <b>97560 BIAK/FRANS KAISIEPO</b>       | 0111S    | 13600E    | 11        |           | 1005.4       | 1006.9         | 27.3        |        | 31.3           |        | 24            | 305   |        |          | 117      | 90       |
| <b>97686 WAMENA</b>                    | 0404S    | 13850E    | 1660      |           | 833.4        | 1006.5         | 20.0        |        |                |        | 19            | 135   |        | 4        |          |          |
| 97690 JAYAPURA/SENTANI                 | 0234S    | 14020E    | 99        |           | 996.2        | 1006.3         | 27.4        |        | 29.7           |        | 13            | 220   |        |          |          |          |
| <b>97724 AMBON/PATTIMURA</b>           | 0342S    | 12800E    | 12        |           | 1005.1       | 1006.8         | 27.7        |        | 30.0           |        | 15            | 147   |        |          | 132      | 80       |
| 97876 TANAH MERAH                      | 0606S    | 14010E    | 16        |           | 1007.5       | 1010.5         | 26.9        |        | 29.9           |        | 22            | 509   |        |          | 147      |          |
| <b>97900 SAUMLAKI/OLILIT</b>           | 0759S    | 13110E    | 24        |           | 1003.1       | 1005.7         | 28.1        |        | 31.9           |        | 16            | 428   |        |          | 135      | 85       |
|  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>BRUNEI DARUSSALAM</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 96315 BRUNEI AIRPORT                   | 0456N    | 11450E    | 22        |           | 1006.3       | 1008.2         | 27.1        |        | 31.0           | .9     | 22            | 272   | -71    | 2        | 166      | 79       |
|  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MALAYSIA (SABAH AND SARAWAK)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>96413 KUCHING</b>                   | 0129N    | 11020E    | 27        |           | 1006.2       | 1008.8         | 26.1        |        | 29.9           |        | 25            |       |        |          |          |          |
| 96421 SIBU                             | 0220N    | 11150E    | 31        |           | 1004.9       | 1008.5         | 26.3        |        | 29.7           |        | 21            | 465   |        | 4        |          |          |
| <b>96441 BINTULU</b>                   | 0312N    | 11300E    | 5         |           | 1005.5       | 1008.2         | 26.4        | .2     | 29.9           |        | 18            | 331   | -119   | 1        |          |          |
| 96449 MIRI                             | 0420N    | 11350E    | 18        |           | 1006.1       | 1008.0         | 26.7        | .5     | 30.3           |        | 17            | 378   | 38     | 4        |          |          |
| <b>96465 LABUAN</b>                    | 0518N    | 11510E    | 30        |           | 1004.7       | 1008.0         | 27.5        |        | 30.9           | .7     | 18            | 328   |        | 4        |          |          |
| 96471 KOTA KINABALU                    | 0556N    | 11600E    | 3         |           | 1007.7       | 1008.0         | 27.3        |        | 29.3           |        | 18            | 124   |        | 2        |          |          |
| 96481 TAWAU                            | 0416N    | 11750E    | 20        |           | 1006.2       | 1008.1         | 26.8        |        | 29.4           |        | 15            | 209   | 74     | 4        |          |          |
| <b>96491 SANDAKAN</b>                  | 0554N    | 11800E    | 13        |           | 1007.1       | 1008.3         | 26.8        | .3     | 30.6           |        | 22            | 822   |        | 5        |          |          |
|  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>ISLANDS</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>96995 CHRISTMAS ISLAND AERO</b>     | 1027S    | 10540E    | 279       |           | 979.2        | 1008.6         | 25.6        |        | 28.7           |        |               |       |        |          |          |          |
| <b>96996 COCOS ISLAND AERO</b>         | 1211S    | 09650E    | 4         |           | 1007.5       | 1007.9         | 27.5        |        | 29.5           |        |               |       |        |          |          |          |

# 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. |
| AUGUST 2011<br>SEPTEMBER 2011<br>EUROPE                              |                |                  |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| MACEDONIA<br>13577 LAZAROPOLE  | 4132N          | 02042E           | 1332      |           | 870.1        |                | 15.2        | 3.0    | 10.3           |        | 4             | 63    | -5     | 4        | 244      | 108      |
| GEORGIA<br>37404 ZESTAFONT<br>37484 BATUMI<br>OCTOBER 2011<br>EUROPE | 4208N<br>4139N | 04301E<br>04138E | 148<br>2  |           |              |                |             |        |                |        |               |       |        |          |          |          |
| MACEDONIA<br>13577 LAZAROPOLE<br>NOVEMBER 2011<br>EUROPE             | 4132N          | 02042E           | 1332      |           | 870.3        |                | 6.2         | -1.5   | 6.7            |        | 7             | 59    | -36    | 3        | 179      | 104      |
| PORTUGAL<br>08512 PONTA DELGADA/NORDELA (ACORE)                      | 3744N          | 02542W           | 72        |           | 1009.6       | 1018.2         | 15.8        |        | 14.2           |        | 14            |       |        |          |          |          |
| MACEDONIA<br>13577 LAZAROPOLE  | 4132N          | 02042E           | 1332      |           | 872.1        |                | 2.8         | -.6    | 4.6            |        | 6             | 9     | -136   | 0        | 177      | 151      |
| AZERBAIJAN   |                |                  |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

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. |
| 37661 SHAKI<br>ASIA              | 4113N    | 04710E    | 641       |           | 948.2        | 1026.1         | 3.1         | -4.4   | 16.1           | 9.4    | 2             | 8     | -47    |          |          |          |
| NEPAL<br>44454 KATHMANDU AIRPORT | 2742N    | 08522E    | 1337      |           | 867.3        | 1506 Y         | 11.6        |        | 10.8           |        |               |       |        |          | 208      | 95       |

# UPPER AIR

# DECEMBER 2011

| 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 - NORWAY</b><br><b>JAN MAYEN</b><br>01001 DEC 2011 7056N 00840W OB 3  |        |              |       |                      |              |            |           |       | <b>EUROPE - NORWAY</b><br><b>BJORNOYA</b><br>01028 DEC 2011 7431N 01901E OB 3       |        |              |       |                      |              |            |           |       | <b>EUROPE - NORWAY</b><br><b>BODO</b><br>01152 DEC 2011 6717N 01427E OB 3                      |        |              |       |                      |              |            |           |       |
| 030   | 22246  | 0            | -79.4 | 15.3                 | 7            | 91         | 257       | 30    | 030   | 22097  | 0            | -81.5 | 12.9                 | 0            | 87         | 253       | 22    | 030  | 22447  | 0            | -77.2 | 17.3                 | 3            | 90         | 263       | 30    |
| 050   | 19262  | 0            | -76.7 | 15.8                 | 2            | 91         | 257       | 24    | 050   | 19192  | 0            | -78.1 | 14.2                 | 0            | 87         | 252       | 17    | 050  | 19452  | 0            | -73.8 | 18.4                 | 0            | 91         | 266       | 25    |
| 100   | 15173  | 0            | -68.9 | 19.0                 | 0            | 70         | 246       | 14    | 100   | 15146  | 0            | -70.1 | 17.8                 | 0            | 84         | 250       | 12    | 100  | 15322  | 0            | -66.1 | 22.2                 | 0            | 90         | 266       | 20    |
| 150   | 12721  | 0            | -64.5 | 19.8                 | 0            | 62         | 241       | 10    | 150   | 12708  | 0            | -65.8 | 18.2                 | 0            | 73         | 248       | 9     | 150  | 12842  | 0            | -62.5 | 22.1                 | 0            | 86         | 263       | 15    |
| 200   | 10957  | 0            | -63.1 | 15.9                 | 0            | 39         | 224       | 7     | 200   | 10954  | 0            | -63.9 | 14.7                 | 0            | 56         | 246       | 6     | 200  | 11063  | 0            | -61.5 | 17.4                 | 0            | 78         | 259       | 14    |
| 300   | 8451   | 0            | -58.3 | 8.5                  | 0            | 33         | 209       | 6     | 300   | 8454   | 0            | -59.0 | 9.6                  | 0            | 45         | 243       | 5     | 300  | 8543   | 0            | -57.5 | 9.4                  | 0            | 61         | 254       | 11    |
| 500   | 5081   | 0            | -35.9 | 10.6                 | 0            | 35         | 218       | 4     | 500   | 5086   | 0            | -35.4 | 10.9                 | 0            | 53         | 238       | 6     | 500  | 5143   | 0            | -32.7 | 7.7                  | 0            | 50         | 249       | 6     |
| 700   | 2664   | 0            | -19.6 | 12.1                 | 0            | 10         | 301       | 1     | 700   | 2657   | 0            | -17.8 | 9.5                  | 0            | 34         | 229       | 3     | 700  | 2688   | 0            | -14.9 | 7.4                  | 0            | 43         | 245       | 5     |
| 850   | 1197   | 0            | -11.4 | 5.0                  | 0            | 36         | 19        | 5     | 850   | 1176   | 0            | -8.4  | 2.9                  | 0            | 13         | 168       | 1     | 850  | 1192   | 0            | -5.6  | 4.7                  | 0            | 41         | 197       | 5     |
| 990   | * 9    |              | -3.2  | 3.4                  |              |            |           |       | 985   | * 18   |              | -1.6  | 2.0                  |              |            |           |       | 984  | * 33   |              | .7    | 4.6                  |              |            |           |       |
| <b>EUROPE - NORWAY</b><br><b>ORLAND III</b><br>01241 DEC 2011 6342N 00936E OB 3 |        |              |       |                      |              |            |           |       | <b>EUROPE - NORWAY</b><br><b>STAVANGER/SOLA</b><br>01415 DEC 2011 5852N 00540E OB 3 |        |              |       |                      |              |            |           |       | <b>EUROPE - FINLAND</b><br><b>JYVASKYLA</b><br>02935 DEC 2011 6224N 02541E OB 3                |        |              |       |                      |              |            |           |       |
| 030   | 22555  | 0            | -75.4 | 19.6                 | 9            | 93         | 267       | 32    | 030   | 22875  | 0            | -74.8 | 19.1                 | 9            | 94         | 271       | 34    | 030  | 22767  | 0            | -72.4 | 22.2                 | 9            | 93         | 260       | 34    |
| 050   | 19557  | 0            | -72.3 | 20.5                 | 3            | 92         | 268       | 27    | 050   | 19812  | 0            | -69.7 | 21.2                 | 5            | 94         | 273       | 30    | 050  | 19677  | 0            | -70.9 | 21.3                 | 4            | 91         | 265       | 27    |
| 100   | 15399  | 0            | -64.9 | 23.8                 | 2            | 89         | 272       | 21    | 100   | 15605  | 0            | -63.3 | 23.6                 | 3            | 92         | 274       | 27    | 100  | 15476  | 0            | -64.4 | 23.7                 | 0            | 88         | 262       | 21    |
| 150   | 12904  | 0            | -61.1 | 24.5                 | 2            | 87         | 270       | 17    | 150   | 13094  | 0            | -59.8 | 23.5                 | 3            | 88         | 278       | 24    | 150  | 12974  | 0            | -60.7 | 24.0                 | 0            | 80         | 261       | 18    |
| 200   | 11114  | 0            | -60.3 | 19.9                 | 2            | 81         | 267       | 15    | 200   | 11293  | 0            | -58.8 | 19.5                 | 3            | 86         | 279       | 24    | 200  | 11179  | 0            | -59.9 | 19.6                 | 0            | 74         | 261       | 16    |
| 300   | 8580   | 0            | -57.1 | 9.2                  | 2            | 65         | 260       | 13    | 300   | 8726   | 0            | -53.7 | 10.7                 | 3            | 79         | 273       | 22    | 300  | 8635   | 0            | -55.9 | 10.2                 | 0            | 58         | 259       | 13    |
| 500   | 5168   | 0            | -31.7 | 8.4                  | 2            | 67         | 261       | 10    | 500   | 5271   | 0            | -29.4 | 10.0                 | 3            | 82         | 268       | 18    | 500  | 5216   | 0            | -31.3 | 9.9                  | 0            | 64         | 245       | 11    |
| 700   | 2702   | 0            | -14.1 | 9.7                  | 2            | 72         | 261       | 10    | 700   | 2786   | 0            | -12.4 | 9.7                  | 3            | 79         | 269       | 13    | 700  | 2749   | 0            | -14.2 | 9.5                  | 0            | 70         | 234       | 9     |
| 850   | 1200   | 0            | -4.0  | 4.9                  | 2            | 65         | 247       | 8     | 850   | 1277   | 0            | -3.5  | 2.3                  | 3            | 68         | 257       | 10    | 850  | 1251   | 0            | -5.6  | 4.3                  | 0            | 70         | 231       | 9     |
| 986   | * 10   |              | 2.5   | 41.1                 |              |            |           |       | 992   | * 37   |              | 4.0   | 3.8                  |              |            |           |       | 978  | * 145  |              | .0    | .8                   |              |            |           |       |
| <b>EUROPE - FRANCE</b><br><b>BREST</b><br>07110 DEC 2011 4827N 00425W OB 3      |        |              |       |                      |              |            |           |       | <b>EUROPE - FRANCE</b><br><b>AJACCIO</b><br>07761 DEC 2011 4155N 00848E OB 3        |        |              |       |                      |              |            |           |       | <b>EUROPE - HUNGARY</b><br><b>BUDAPEST/PESTSZENTLORINC</b><br>12843 DEC 2011 4726N 01911E OB 3 |        |              |       |                      |              |            |           |       |
| 030   |        |              |       |                      |              |            |           |       | 030   |        |              |       |                      |              |            |           |       | 030  | 23377  | 0            | -66.0 |                      | 3            | 96         | 263       | 26    |
| 050   | 20274  | 0            | -66.6 | 25.6                 | 4            | 96         | 275       | 22    | 050   | 20378  | 0            | -63.5 |                      | 5            | 91         | 277       | 16    | 050  | 20254  | 0            | -63.4 |                      | 1            | 96         | 272       | 21    |
| 100   | 16034  | 0            | -62.8 | 25.3                 | 0            | 91         | 290       | 25    | 100   | 16110  | 0            | -61.6 |                      | 1            | 88         | 283       | 15    | 100  | 15959  | 0            | -59.9 |                      | 0            | 91         | 273       | 19    |
| 150   | 13526  | 0            | -60.7 | 24.0                 | 0            | 85         | 293       | 26    | 150   | 13583  | 0            | -59.2 |                      | 1            | 80         | 299       | 19    | 150  | 13414  | 0            | -58.3 |                      | 0            | 84         | 279       | 18    |
| 200   | 11741  | 0            | -61.1 | 18.4                 | 0            | 81         | 293       | 30    | 200   | 11786  | 0            | -59.9 |                      | 0            | 67         | 312       | 21    | 200  | 11606  | 0            | -59.2 |                      | 0            | 73         | 281       | 18    |
| 300   | 9154   | 0            | -46.8 | 19.3                 | 0            | 80         | 293       | 30    | 300   | 9193   | 0            | -46.8 |                      | 0            | 63         | 327       | 20    | 300  | 9024   | 0            | -50.0 | 10.6                 | 0            | 59         | 274       | 15    |
| 500   | 5589   | 0            | -21.7 | 11.8                 | 0            | 86         | 288       | 22    | 500   | 5620   | 0            | -21.2 | 13.8                 | 0            | 68         | 314       | 14    | 500  | 5513   | 0            | -25.4 | 9.6                  | 0            | 73         | 277       | 13    |
| 700   | 3031   | 0            | -6.1  | 14.2                 | 0            | 92         | 284       | 17    | 700   | 3052   | 0            | -4.9  | 14.0                 | 0            | 74         | 300       | 10    | 700  | 2986   | 0            | -8.8  | 8.4                  | 0            | 74         | 280       | 9     |
| 850   | 1489   | 0            | 1.1   | 6.4                  | 0            | 90         | 274       | 13    | 850   | 1505   | 0            | 2.8   | 5.7                  | 1            | 73         | 285       | 6     | 850  | 1457   | 0            | -.9   | 4.6                  | 0            | 73         | 291       | 8     |
| 1008  | * 99   |              | 9.6   | 3.9                  |              |            |           |       | 1019  | * 9    |              | 14.6  | 14.0                 |              |            |           |       | 1001   | * 139  |              | 2.0   | 1.7                  |              |            |           |       |

# UPPER AIR

# DECEMBER 2011

| LEVEL   |        | TEMPERATURE  |       |                      | VECTOR WIND  |            |           |       | LEVEL   |        | TEMPERATURE  |       |                      | VECTOR WIND  |            |           |       | LEVEL   |        | TEMPERATURE  |      |                      | VECTOR WIND  |            |           |       |     |    |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|---|--------|--------------|------|----------------------|--------------|------------|-----------|-------|-----|----|
| PRESSURE  | HEIGHT | MISSING DAYS | MEAN  | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE  | HEIGHT | MISSING DAYS | MEAN  | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE  | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |     |    |
| hPa   | gpm    |              | °C    | °C                   |              | %          | o         | mps   | hPa   | gpm    |              | °C    | °C                   |              | %          | o         | mps   | hPa   | gpm    |              | °C   | °C                   |              | %          | o         | mps   |     |    |
| EUROPE - HUNGARY<br>SZEGED<br>12982 DEC 2011 4615N 02006E OB    |        |              |       |                      |              |            |           |       | EUROPE - GREECE<br>HERAKLION (AIRPORT)<br>16754 DEC 2011 3520N 02511E OB /              |        |              |       |                      |              |            |           |       | EUROPE - CYPRUS<br>ATHALASSA<br>17607 DEC 2011 3509N 03324E OB 2      |        |              |      |                      |              |            |           |       |     |    |
| 030   | 23377  | 0            | -66.0 |                      | 8            | 97         | 265       | 28    | 030   | 23703  | 0            | -54.8 | 31.0                 |              | 9          | 0         | 255   | 24  | 030    | 23675        | 0    | -57.4                | 30.2         |            | 1         | 96    | 263 | 18 |
| 050   | 20255  | 0            | -63.2 |                      | 7            | 97         | 270       | 21    | 050   | 20482  | 0            | -61.4 | 27.7                 |              | 9          | 98        | 258   | 16  | 050    | 20481        | 0    | -61.6                | 29.2         |            | 1         | 98    | 262 | 18 |
| 100   | 15960  | 0            | -60.0 |                      | 7            | 92         | 274       | 19    | 100   | 16212  | 0            | -62.3 | 24.3                 |              | 2          | 98        | 259   | 22  | 100    | 16222        | 0    | -63.1                | 26.8         |            | 1         | 98    | 262 | 25 |
| 150   | 13412  | 0            | -57.6 |                      | 5            | 85         | 275       | 18    | 150   | 13680  | 0            | -57.9 | 24.1                 |              | 1          | 95        | 265   | 26  | 150    | 13704        | 0    | -58.6                | 27.4         |            | 1         | 98    | 261 | 32 |
| 200   | 11613  | 0            | -59.0 |                      | 3            | 79         | 278       | 19    | 200   | 11864  | 0            | -56.2 | 19.0                 |              | 1          | 90        | 266   | 28  | 200    | 11888        | 0    | -56.4                | 22.0         |            | 1         | 95    | 264 | 32 |
| 300   | 9043   | 0            | -49.9 | 10.7                 | 1            | 66         | 272       | 15    | 300   | 9240   | 0            | -45.8 | 14.1                 |              | 1          | 81        | 262   | 23  | 300    | 9263         | 0    | -44.9                | 17.2         |            | 1         | 88    | 262 | 26 |
| 500   | 5529   | 0            | -25.0 | 7.6                  | 0            | 71         | 274       | 11    | 500   | 5657   | 0            | -20.0 | 17.6                 |              | 1          | 75        | 268   | 12  | 500    | 5665         | 0    | -19.5                | 19.3         |            | 1         | 83    | 264 | 14 |
| 700   | 2998   | 0            | -8.3  | 8.7                  | 0            | 70         | 276       | 7     | 700   | 3077   | 0            | -2.7  | 19.0                 |              | 1          | 75        | 270   | 8   | 700    | 3080         | 0    | -2.4                 | 24.0         |            | 1         | 75    | 265 | 7  |
| 850   | 1467   | 0            | -3    | 4.9                  | 1            | 65         | 280       | 6     | 850   | 1515   | 0            | 4.7   | 16.1                 |              | 6          | 27        | 275   | 4   | 850    | 1517         | 0    | 5.0                  | 13.7         |            | 1         | 52    | 267 | 3  |
| 1009  | * 83   |              | 2.0   | 1.8                  |              |            |           |       | 1016  | * 39   |              | 12.1  | 4.0                  |              |            |           |       |   | 1001   | * 162        |      | 12.4                 | 6.0          |            |           |       |     |    |
| EUROPE - BELARUS<br>GOMEL<br>33041 DEC 2011 5224N 03057E OB     |        |              |       |                      |              |            |           |       | ASIA - SAUDI ARABIA<br>AL-QAISUMAH<br>40373 DEC 2011 2819N 04608E OB                    |        |              |       |                      |              |            |           |       | ASIA - SAUDI ARABIA<br>TABUK<br>40375 DEC 2011 2823N 03636E OB 3      |        |              |      |                      |              |            |           |       |     |    |
| 030   | 25572  | 0            | -69.6 | 15.2                 | 1            | 96         | 262       | 36    | 030   | 23765  | 0            | -55.3 | 32.2                 |              | 6          | 54        | 302   | 4   | 030    | 23763        | 0    | -55.5                | 31.7         |            | 4         | 67    | 276 | 5  |
| 050   | 23149  | 0            | -68.9 | 15.1                 | 1            | 95         | 263       | 31    | 050   | 20570  | 0            | -63.5 | 27.9                 |              | 6          | 88        | 281   | 6   | 050    | 20570        | 0    | -63.7                | 27.5         |            | 3         | 92    | 250 | 7  |
| 100   | 18016  | 0            | -62.8 | 16.3                 | 1            | 93         | 261       | 23    | 100   | 16411  | 0            | -69.3 | 20.7                 |              | 6          | 96        | 262   | 31  | 100    | 16409        | 0    | -68.9                | 21.2         |            | 2         | 98    | 263 | 31 |
| 150   | 15806  | 0            | -60.7 | 16.0                 | 0            | 90         | 260       | 20    | 150   | 13950  | 0            | -62.7 | 21.0                 |              | 6          | 98        | 262   | 45  | 150    | 13945        | 0    | -62.0                | 22.0         |            | 1         | 98    | 263 | 43 |
| 200   | 13266  | 0            | -58.5 | 14.7                 | 0            | 86         | 260       | 20    | 200   | 12154  | 0            | -56.3 | 17.0                 |              | 5          | 95        | 262   | 48  | 200    | 12141        | 0    | -55.1                | 19.0         |            | 1         | 98    | 266 | 50 |
| 300   | 11464  | 0            | -59.4 | 11.4                 | 0            | 77         | 262       | 20    | 300   | 9479   | 0            | -38.4 | 16.6                 |              | 4          | 96        | 263   | 43  | 300    | 9461         | 0    | -38.8                | 16.8         |            | 1         | 97    | 261 | 43 |
| 500   | 5431   | 0            | -26.9 | 7.3                  | 0            | 72         | 252       | 14    | 500   | 5773   | 0            | -12.7 | 26.9                 |              | 4          | 96        | 261   | 22  | 500    | 5765         | 0    | -13.4                | 23.2         |            | 1         | 95    | 259 | 21 |
| 700   | 2922   | 0            | -10.3 | 8.1                  | 0            | 71         | 254       | 11    | 700   | 3128   | 0            | 2.9   | 29.8                 |              | 4          | 88        | 267   | 8   | 700    | 3119         | 0    | 3.2                  | 30.8         |            | 1         | 79    | 247 | 7  |
| 850   | 1407   | 0            | -3.3  | 4.6                  | 0            | 65         | 252       | 9     | 850   | 1535   | 0            | 10.5  | 25.5                 |              | 4          | 53        | 291   | 3   | 850    | 1526         | 0    | 10.2                 | 13.7         |            | 1         | 45    | 152 | 3  |
| 998   | * 126  |              | 1.9   | 1.9                  |              |            |           |       | 978   | * 358  |              | 13.4  | 12.9                 |              |            |           |       |   | 931    | * 778        |      | 11.4                 | 13.9         |            |           |       |     |    |
| ASIA - SAUDI ARABIA<br>HAIL<br>40394 DEC 2011 2726N 04141E OB 3 |        |              |       |                      |              |            |           |       | ASIA - SAUDI ARABIA<br>K.F.I.A. (KING FAHAD INT. AI<br>40417 DEC 2011 2627N 04949E OB 3 |        |              |       |                      |              |            |           |       | ASIA - SAUDI ARABIA<br>AL-MADINAH<br>40430 DEC 2011 2433N 03942E OB 3 |        |              |      |                      |              |            |           |       |     |    |
| 030   | 23757  | 0            | -56.0 | 31.9                 | 9            | 42         | 261       | 3     | 030   | 23775  | 0            | -55.4 | 32.0                 |              | 5          | 23        | 2     | 2   | 030    | 23765        | 0    | -55.4                | 32.2         |            | 0         | 46    | 72  | 3  |
| 050   | 20575  | 0            | -65.3 | 26.7                 | 9            | 73         | 264       | 5     | 050   | 20593  | 0            | -65.8 | 26.4                 |              | 4          | 57        | 299   | 3   | 050    | 20583        | 0    | -65.8                | 27.0         |            | 0         | 33    | 246 | 2  |
| 100   | 16448  | 0            | -70.9 | 20.2                 | 5            | 96         | 265       | 30    | 100   | 16484  | 0            | -71.8 | 19.4                 |              | 3          | 94        | 267   | 27  | 100    | 16490        | 0    | -73.1                | 17.9         |            | 0         | 95    | 260 | 27 |
| 150   | 14002  | 0            | -63.0 | 21.8                 | 5            | 96         | 265       | 42    | 150   | 14048  | 0            | -63.7 | 19.8                 |              | 2          | 94        | 262   | 39  | 150    | 14073        | 0    | -64.7                | 18.1         |            | 0         | 94    | 264 | 36 |
| 200   | 12200  | 0            | -54.8 | 18.9                 | 5            | 94         | 268       | 48    | 200   | 12250  | 0            | -54.9 | 18.5                 |              | 2          | 91        | 268   | 42  | 200    | 12280        | 0    | -55.2                | 16.1         |            | 0         | 94    | 268 | 42 |
| 300   | 9509   | 0            | -37.2 | 17.8                 | 5            | 96         | 265       | 43    | 300   | 9556   | 0            | -36.6 | 19.1                 |              | 4          | 94        | 268   | 38  | 300    | 9582         | 0    | -35.9                | 17.1         |            | 0         | 96    | 265 | 36 |
| 500   | 5789   | 0            | -11.9 | 25.6                 | 5            | 96         | 262       | 24    | 500   | 5823   | 0            | -10.5 | 27.0                 |              | 3          | 93        | 267   | 20  | 500    | 5834         | 0    | -9.0                 | 25.4         |            | 0         | 95    | 261 | 20 |
| 700   | 3135   | 0            | 3.4   | 23.7                 | 5            | 92         | 252       | 8     | 700   | 3153   | 0            | 5.2   | 31.6                 |              | 2          | 88        | 281   | 8   | 700    | 3150         | 0    | 6.1                  | 22.8         |            | 0         | 85    | 240 | 8  |
| 850   | 1538   | 0            | 11.7  | 15.4                 | 5            | 54         | 190       | 3     | 850   | 1548   | 0            | 12.1  | 30.8                 |              | 2          | 54        | 312   | 3   | 850    | 1535         | 0    | 14.7                 | 15.6         |            | 0         | 67    | 137 | 5  |
| 906   | *1015  |              | 14.1  | 14.1                 |              |            |           |       | 1018  | * 22   |              | 16.1  | 12.8                 |              |            |           |       |   | 944    | * 654        |      | 20.8                 | 20.1         |            |           |       |     |    |

# UPPER AIR

# DECEMBER 2011

| LEVEL   |        | TEMPERATURE  |       |                      | VECTOR WIND  |            |           |       | LEVEL   | TEMPERATURE |              |       | VECTOR WIND          |              |            |           | LEVEL | TEMPERATURE  |        |              | VECTOR WIND |                      |              |            |           |       |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|---|-------------|--------------|-------|----------------------|--------------|------------|-----------|-------|--|--------|--------------|-------------|----------------------|--------------|------------|-----------|-------|
| PRESSURE  | HEIGHT | MISSING DAYS | MEAN  | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE  | HEIGHT      | MISSING DAYS | MEAN  | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE   | HEIGHT | MISSING DAYS | MEAN        | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
| hPa   | gpm    |              | °C    | °C                   |              | %          | o         | mps   | hPa   | gpm         |              | °C    | °C                   |              | %          | o         | mps   | hPa  | gpm    |              | °C          | °C                   |              | %          | o         | mps   |
| ASIA - SAUDI ARABIA<br>KING KHALED INT. AIRPORT<br>40437 DEC 2011 2456N 04643E OB 3 |        |              |       |                      |              |            |           |       | ASIA - SAUDI ARABIA<br>JEDDAH (KING ABDUL AZIZ INT.<br>41024 DEC 2011 2142N 03911E OB 3 |             |              |       |                      |              |            |           |       | ASIA - INDIA<br>NEW DELHI/SAFDARJUNG<br>42182 DEC 2011 2835N 07712E OB 3 |        |              |             |                      |              |            |           |       |
| 030   | 23748  | 0            | -56.4 | 31.7                 | 9            | 26         | 158       | 2     | 030   | 23750       | 0            | -55.3 | 32.1                 | 0            | 68         | 85        | 4     | 030  |        |              |             |                      |              |            |           |       |
| 050   | 20582  | 0            | -67.0 | 24.8                 | 9            | 14         | 293       | 1     | 050   | 20569       | 0            | -66.2 | 24.9                 | 0            | 41         | 109       | 2     | 050  |        |              |             |                      |              |            |           |       |
| 100   | 16520  | 0            | -74.3 | 17.2                 | 9            | 91         | 268       | 24    | 100   | 16519       | 0            | -75.0 | 15.5                 | 0            | 93         | 262       | 21    | 100  |        |              |             |                      |              |            |           |       |
| 150   | 14099  | 0            | -64.4 | 19.3                 | 9            | 92         | 263       | 34    | 150   | 14119       | 0            | -66.5 | 14.1                 | 0            | 91         | 267       | 28    | 150  |        |              |             |                      |              |            |           |       |
| 200   | 12294  | 0            | -53.9 | 20.0                 | 9            | 89         | 275       | 38    | 200   | 12336       | 0            | -55.2 | 14.4                 | 0            | 93         | 268       | 34    | 200  | 12170  | 0            | -54.6       | 18.3                 | 0            | 38         | 218       | 20    |
| 300   | 9586   | 0            | -35.7 | 18.3                 | 9            | 95         | 274       | 37    | 300   | 9626        | 0            | -34.8 | 20.4                 | 0            | 96         | 267       | 27    | 300  | 9458   | 0            | -37.5       | 22.0                 | 0            | 38         | 280       | 20    |
| 500   | 5834   | 0            | -8.6  | 26.1                 | 9            | 93         | 271       | 22    | 500   | 5852        | 0            | -7.4  | 29.9                 | 0            | 92         | 258       | 13    | 500  | 5756   | 0            | -11.7       | 25.3                 | 0            | 42         | 273       | 11    |
| 700   | 3149   | 0            | 5.5   | 24.9                 | 9            | 90         | 272       | 9     | 700   | 3150        | 0            | 8.6   | 26.6                 | 0            | 77         | 229       | 6     | 700  | 3094   | 0            | 3.6         | 28.0                 | 0            | 29         | 298       | 4     |
| 850   | 1544   | 0            | 11.3  | 21.8                 | 9            | 62         | 311       | 3     | 850   | 1523        | 0            | 16.2  | 8.3                  | 0            | 83         | 165       | 4     | 850  | 1494   | 0            | 11.1        | 20.0                 | 0            | 42         | 338       | 3     |
| 950   | * 614  |              | 14.4  | 15.0                 |              |            |           |       | 1011  | * 17        |              | 26.3  | 11.1                 |              |            |           |       | 983  | * 216  |              | 15.5        | 8.7                  |              |            |           |       |
| ASIA - INDIA<br>AHMADABAD<br>42647 DEC 2011 2304N 07238E OB 3                       |        |              |       |                      |              |            |           |       | ASIA - INDIA<br>CALCUTTA/DUM DUM<br>42809 DEC 2011 2239N 08827E OB 3                    |             |              |       |                      |              |            |           |       | ASIA - INDIA<br>NAGPUR SONEGAON<br>42867 DEC 2011 2106N 07903E OB 3      |        |              |             |                      |              |            |           |       |
| 030   |        |              |       |                      |              |            |           |       | 030   | 23941       | 0            | -44.3 |                      | 7            | 54         | 271       | 3     | 030  |        |              |             |                      |              |            |           |       |
| 050   |        |              |       |                      |              |            |           |       | 050   | 20609       | 0            | -50.8 |                      | 3            | 48         | 279       | 3     | 050  |        |              |             |                      |              |            |           |       |
| 100   |        |              |       |                      |              |            |           |       | 100   | 16362       | 0            | -78.9 |                      | 3            | 84         | 283       | 9     | 100  | 16366  | 0            | -77.9       |                      | 9            | 63         | 269       | 5     |
| 150   |        |              |       |                      |              |            |           |       | 150   | 14050       | 0            | -71.1 |                      | 1            | 92         | 265       | 14    | 150  | 14054  | 0            | -72.2       |                      | 7            | 92         | 251       | 14    |
| 200   | 12247  | 0            | -55.7 | 17.2                 | 9            | 95         | 248       | 28    | 200   | 12291       | 0            | -56.9 |                      | 1            | 94         | 263       | 19    | 200  | 12304  | 0            | -58.5       |                      | 6            | 92         | 243       | 19    |
| 300   | 9554   | 0            | -35.2 | 13.5                 | 7            | 96         | 260       | 27    | 300   | 9591        | 0            | -34.1 | 13.7                 | 1            | 93         | 270       | 19    | 300  | 9616   | 0            | -35.1       | 12.7                 | 5            | 89         | 255       | 16    |
| 500   | 5806   | 0            | -8.0  | 17.2                 | 2            | 92         | 274       | 17    | 500   | 5805        | 0            | -7.0  | 19.2                 | 1            | 92         | 289       | 13    | 500  | 5842   | 0            | -6.7        | 31.5                 | 3            | 83         | 287       | 11    |
| 700   | 3117   | 0            | 8.8   | 22.1                 | 2            | 88         | 281       | 8     | 700   | 3104        | 0            | 7.6   | 18.9                 | 1            | 84         | 298       | 8     | 700  | 3065   | 0            | 9.9         | 41.3                 | 2            | 86         | 309       | 6     |
| 850   | 1494   | 0            | 16.0  | 18.6                 | 1            | 41         | 287       | 2     | 850   | 1492        | 0            | 13.2  | 13.9                 | 1            | 75         | 334       | 4     | 850  | 1503   | 0            | 14.8        | 18.4                 | 2            | 65         | 337       | 2     |
| 1006  | * 55   |              | 21.7  | 9.9                  |              |            |           |       | 1012  | * 6         |              | 18.7  | 4.0                  |              |            |           |       | 977  | * 310  |              | 19.8        | 8.0                  |              |            |           |       |
| ASIA - INDIA<br>BOMBAY / SANTACRUZ<br>43003 DEC 2011 1907N 07251E OB 3              |        |              |       |                      |              |            |           |       | ASIA - INDIA<br>CWC VISHAKHAPATNAM/WALTAIR<br>43150 DEC 2011 1742N 08318E OB 3          |             |              |       |                      |              |            |           |       | ASIA - INDIA<br>GOA/PANJIM<br>43192 DEC 2011 1529N 07349E OB 3           |        |              |             |                      |              |            |           |       |
| 030   |        |              |       |                      |              |            |           |       | 030   |             |              |       |                      |              |            |           |       | 030  |        |              |             |                      |              |            |           |       |
| 050   |        |              |       |                      |              |            |           |       | 050   |             |              |       |                      |              |            |           |       | 050  |        |              |             |                      |              |            |           |       |
| 100   |        |              |       |                      |              |            |           |       | 100   |             |              |       |                      |              |            |           |       | 100  | 16594  | 0            | -80.6       | 10.0                 | 7            | 30         | 156       | 3     |
| 150   |        |              |       |                      |              |            |           |       | 150   |             |              |       |                      |              |            |           |       | 150  | 14239  | 0            | -67.3       | 8.4                  | 4            | 56         | 201       | 7     |
| 200   | 12333  | 0            | -56.2 | 16.3                 | 9            | 86         | 239       | 12    | 200   |             |              |       |                      |              |            |           |       | 200  | 12446  | 0            | -53.1       | 11.9                 | 5            | 74         | 197       | 9     |
| 300   | 9628   | 0            | -34.1 | 21.3                 | 7            | 81         | 244       | 10    | 300   |             |              |       |                      |              |            |           |       | 300  | 9703   | 0            | -30.9       | 22.4                 | 5            | 34         | 204       | 3     |
| 500   | 5833   | 0            | -6.0  | 31.1                 | 4            | 51         | 289       | 4     | 500   | 5825        | 0            | -4.2  | 22.4                 | 9            | 55         | 357       | 8     | 500  | 5874   | 0            | -4.4        | 32.1                 | 5            | 72         | 72        | 6     |
| 700   | 3115   | 0            | 11.0  | 29.7                 | 0            | 38         | 318       | 2     | 700   | 3102        | 0            | 9.9   | 21.6                 | 6            | 58         | 28        | 7     | 700  | 3139   | 0            | 12.4        | 36.5                 | 4            | 85         | 74        | 6     |
| 850   | 1482   | 0            | 17.6  | 15.1                 | 0            | 59         | 129       | 3     | 850   | 1477        | 0            | 15.8  | 13.5                 | 5            | 82         | 56        | 5     | 850  | 1495   | 0            | 19.1        | 18.6                 | 4            | 80         | 88        | 5     |
| 1007  | * 14   |              | 23.8  | 6.2                  |              |            |           |       | 1005  | * 66        |              | 22.8  | 4.4                  |              |            |           |       | 1004   | * 60   |              | 23.1        | 2.3                  |              |            |           |       |

# UPPER AIR

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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>MANGALORE/PANAMBUR</b><br>43285 DEC 2011 1257N 07450E OB 3  |        |              |       |                      |              |            |           |       | <b>ASIA - INDIA</b><br><b>THIRUVANANTHAPURAM</b><br>43371 DEC 2011 0829N 07657E OB 3                  |        |              |       |                      |              |            |           |       | <b>AFRICA - SPAIN (CANARY ISLANDS)</b><br><b>TENERIFE-GUIMAR</b><br>60018 DEC 2011 2819N 01623W OB |        |              |       |                      |              |            |           |       |
| 030   |        |              |       |                      |              |            |           |       | 030   |        |              |       |                      |              |            |           |       | 030  | 23723  | 0            | -58.0 | 31.0                 | 0            | 93         | 267       | 10    |
| 050   |        |              |       |                      |              |            |           |       | 050   |        |              |       |                      |              |            |           |       | 050  | 20552  | 0            | -64.4 | 28.6                 | 0            | 72         | 277       | 5     |
| 100   |        |              |       |                      |              |            |           |       | 100   |        |              |       |                      |              |            |           |       | 100  | 16378  | 0            | -67.9 | 20.9                 | 0            | 75         | 277       | 8     |
| 150   |        |              |       |                      |              |            |           |       | 150   | 14114  | 0            | -69.4 |                      |              |            |           |       | 150  | 13914  | 0            | -62.8 | 21.5                 | 0            | 81         | 274       | 14    |
| 200   | 12367  | 0            | -56.8 | 8.2                  |              |            |           |       | 200   | 12292  | 0            | -55.3 |                      |              |            |           |       | 200  | 12127  | 0            | -58.2 | 16.0                 | 0            | 64         | 270       | 14    |
| 300   | 9664   | 0            | -33.1 | 18.4                 |              |            |           |       | 300   | 9637   | 0            | -32.2 | 14.5                 |              |            |           |       | 300  | 9486   | 0            | -41.7 | 18.7                 | 0            | 21         | 293       | 4     |
| 500   | 5859   | 0            | -5.7  | 23.0                 | 8            | 87         | 77        | 11    | 500   | 5826   | 0            | -5.4  | 17.9                 |              |            |           |       | 500  | 5820   | 0            | -14.0 | 23.4                 | 0            | 47         | 70        | 5     |
| 700   | 3140   | 0            | 11.0  | 25.7                 | 3            | 87         | 77        | 7     | 700   | 3112   | 0            | 12.7  | 15.9                 | 5            | 73         | 82        | 4     | 700  | 3175   | 0            | 3.8   | 27.1                 | 0            | 74         | 79        | 6     |
| 850   | 1506   | 0            | 17.6  | 14.1                 | 2            | 84         | 87        | 6     | 850   | 1477   | 0            | 17.9  | 7.3                  | 2            | 37         | 55        | 2     | 850  | 1580   | 0            | 9.8   | 9.3                  | 0            | 59         | 50        | 4     |
| 1007  | * 32   |              | 26.1  | 6.2                  |              |            |           |       | 1001  | * 64   |              | 26.5  | 4.1                  |              |            |           |       | 1013   | * 111  |              | 18.6  | 7.9                  |              |            |           |       |
| <b>AFRICA - MOROCCO</b><br><b>CASABLANCA</b><br>60155 DEC 2011 3334N 00740W OB 1      |        |              |       |                      |              |            |           |       | <b>N AMERICA - BERMUDA</b><br><b>BERMUDA INTERNATIONAL AIRPOR</b><br>78016 DEC 2011 3222N 06440W OB 3 |        |              |       |                      |              |            |           |       | <b>S AMERICA - FRENCH GUIANA</b><br><b>ROCHAMBEAU</b><br>81405 DEC 2011 0450N 05222W OB 3          |        |              |       |                      |              |            |           |       |
| 030   | 23665  | 0            | -60.5 | 30.1                 | 6            | 97         | 269       | 14    | 030   | 23684  | 0            | -59.9 | 23.9                 | 9            | 99         | 273       | 15    | 030  | 23720  | 0            | -59.4 | 24.4                 | 2            | 98         | 90        | 22    |
| 050   | 20511  | 0            | -64.4 | 26.3                 | 6            | 83         | 285       | 8     | 050   | 20506  | 0            | -66.2 | 18.2                 | 9            | 94         | 281       | 12    | 050  | 20583  | 0            | -67.3 | 17.1                 | 1            | 60         | 289       | 5     |
| 100   | 16318  | 0            | -66.4 | 21.8                 | 4            | 78         | 299       | 12    | 100   | 16394  | 0            | -69.2 | 15.2                 | 9            | 93         | 271       | 23    | 100  | 16584  | 0            | -81.0 | 3.4                  | 0            | 92         | 284       | 12    |
| 150   | 13841  | 0            | -62.2 | 20.2                 | 4            | 70         | 309       | 11    | 150   | 13920  | 0            | -61.6 | 18.9                 | 9            | 93         | 272       | 27    | 150  | 14235  | 0            | -67.1 | 13.4                 | 0            | 93         | 275       | 20    |
| 200   | 12061  | 0            | -60.1 | 14.2                 | 4            | 59         | 340       | 10    | 200   | 12109  | 0            | -54.7 | 18.5                 | 9            | 89         | 277       | 28    | 200  | 12443  | 0            | -52.7 | 20.5                 | 0            | 84         | 257       | 11    |
| 300   | 9445   | 0            | -43.4 | 15.5                 | 4            | 54         | 1         | 9     | 300   | 9446   | 0            | -39.6 | 17.0                 | 9            | 73         | 279       | 22    | 300  | 9696   | 0            | -30.5 | 17.7                 | 0            | 56         | 276       | 5     |
| 500   | 5799   | 0            | -14.9 | 23.6                 | 4            | 60         | 8         | 7     | 500   | 5757   | 0            | -12.9 | 25.9                 | 9            | 76         | 281       | 15    | 500  | 5863   | 0            | -5.1  | 11.8                 | 0            | 44         | 96        | 2     |
| 700   | 3173   | 0            | 2.1   | 23.7                 | 4            | 66         | 10        | 5     | 700   | 3113   | 0            | 2.5   | 16.2                 | 9            | 60         | 293       | 8     | 700  | 3141   | 0            | 10.0  | 7.5                  | 0            | 95         | 94        | 9     |
| 850   | 1582   | 0            | 10.3  | 22.3                 | 4            | 48         | 13        | 3     | 850   | 1522   | 0            | 9.1   | 8.7                  | 9            | 53         | 334       | 6     | 850  | 1502   | 0            | 17.6  | 5.1                  | 0            | 95         | 91        | 10    |
| 1020  | * 57   |              | 12.7  | 12.6                 |              |            |           |       | 1014  | * 130  |              | 19.4  | 5.0                  |              |            |           |       | 1009   | * 9    |              | 25.1  | 1.3                  |              |            |           |       |
| <b>S AMERICA - ARGENTINA</b><br><b>SALTA AERO</b><br>87047 DEC 2011 2451S 06529W OB / |        |              |       |                      |              |            |           |       | <b>S AMERICA - ARGENTINA</b><br><b>CORDOBA AERO</b><br>87344 DEC 2011 3119S 06413W OB /               |        |              |       |                      |              |            |           |       | <b>S AMERICA - ARGENTINA</b><br><b>EZEIZA AERO</b><br>87576 DEC 2011 3449S 05832W OB 3             |        |              |       |                      |              |            |           |       |
| 030   | 23826  | 0            | -56.9 |                      | 2            | 97         | 90        | 11    | 030   | 23844  | 0            | -56.5 | 30.2                 | 2            | 36         | 37        | 3     | 030  | 23867  | 0            | -56.0 | 30.7                 | 1            | 92         | 85        | 8     |
| 050   | 20649  | 0            | -65.9 |                      | 0            | 97         | 80        | 11    | 050   | 20644  | 0            | -61.5 | 28.5                 | 2            | 49         | 355       | 3     | 050  | 20667  | 0            | -63.3 | 26.7                 | 1            | 49         | 85        | 7     |
| 100   | 16622  | 0            | -73.5 | 17.4                 | 0            | 53         | 215       | 5     | 100   | 16456  | 0            | -69.3 | 22.3                 | 1            | 94         | 269       | 21    | 100  | 16469  | 0            | -65.2 | 26.4                 | 0            | 88         | 240       | 20    |
| 150   | 14170  | 0            | -64.6 | 15.5                 | 0            | 91         | 260       | 20    | 150   | 13993  | 0            | -61.2 | 23.9                 | 1            | 95         | 266       | 32    | 150  | 13958  | 0            | -57.6 | 27.5                 | 0            | 89         | 240       | 26    |
| 200   | 12373  | 0            | -53.9 | 14.0                 | 0            | 94         | 270       | 27    | 200   | 12185  | 0            | -55.6 | 18.7                 | 1            | 93         | 265       | 34    | 200  | 12126  | 0            | -54.2 | 20.1                 | 0            | 87         | 245       | 30    |
| 300   | 9648   | 0            | -34.0 | 19.2                 | 0            | 92         | 260       | 17    | 300   | 9510   | 0            | -38.3 | 20.7                 | 1            | 92         | 264       | 26    | 300  | 9458   | 0            | -39.5 | 13.9                 | 0            | 66         | 240       | 23    |
| 500   | 5862   | 0            | -7.1  | 14.6                 | 0            | 65         | 245       | 5     | 500   | 5798   | 0            | -11.8 | 16.0                 | 1            | 85         | 266       | 12    | 500  | 5761   | 0            | -12.4 | 20.0                 | 0            | 73         | 230       | 14    |
| 700   | 3148   | 0            | 9.6   | 6.3                  | 0            | 9          | 360       | 1     | 700   | 3125   | 0            | 7.0   | 15.7                 | 1            | 44         | 312       | 4     | 700  | 3109   | 0            | 3.6   | 17.4                 | 0            | 56         | 165       | 9     |
| 850   | 1513   | 0            | 16.7  | 4.3                  | 0            | 28         | 145       | 1     | 850   | 1505   | 0            | 14.7  | 9.2                  | 1            | 46         | 8         | 5     | 850  | 1508   | 0            | 12.5  | 14.8                 | 0            | 49         | 165       | 8     |
| 880   | *1238  |              | 17.4  | 2.6                  |              |            |           |       | 959   | * 484  |              | 19.3  | 6.1                  |              |            |           |       | 1012   | * 20   |              | 21.7  | 7.1                  |              |            |           |       |

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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   |
| S AMERICA - ARGENTINA<br>SANTA ROSA AERO<br>87623 DEC 2011 3634S 06416W OB / |        |              |       |                      |              |            |           |       | S AMERICA - ARGENTINA<br>COMODORO RIVADAVIA AERO<br>87860 DEC 2011 4547S 06730W OB 2 |        |              |       |                      |              |            |           |       | W PACIFIC - MALAYSIA (SABAH AND SARAWAK)<br>KOTA KINABALU<br>96471 DEC 2011 0556N 11600E OB 3 |        |              |       |                      |              |            |           |       |
| 030  | 23891  | 0            | -55.1 |                      | 1            | 94         | 89        | 9     | 030  | 23945  | 0            | -51.3 | 32.0                 | 1            | 87         | 275       | 7     | 030   | 23719  | 0            | -59.0 | 28.6                 | 7            | 99         | 92        | 23    |
| 050  | 20681  | 0            | -62.7 |                      | 1            | 43         | 106       | 3     | 050  | 20665  | 0            | -56.1 | 31.7                 | 1            | 3          | 204       | 0     | 050   | 20575  | 0            | -67.8 | 22.8                 | 6            | 34         | 257       | 2     |
| 100  | 16479  | 0            | -64.7 |                      | 1            | 86         | 246       | 15    | 100  | 16313  | 0            | -58.6 | 29.9                 | 1            | 90         | 266       | 17    | 100   | 16583  | 0            | -83.8 | 8.0                  | 3            | 83         | 107       | 14    |
| 150  | 13961  | 0            | -57.1 |                      | 1            | 93         | 248       | 25    | 150  | 13744  | 0            | -55.0 | 29.8                 | 1            | 50         | 267       | 11    | 150   | 14253  | 0            | -67.9 | 8.5                  | 2            | 94         | 98        | 18    |
| 200  | 12130  | 0            | -54.8 |                      | 1            | 92         | 253       | 27    | 200  | 11908  | 0            | -55.8 | 19.1                 | 1            | 85         | 269       | 22    | 200   | 12461  | 0            | -52.5 | 10.2                 | 2            | 91         | 96        | 12    |
| 300  | 9462   | 0            | -40.3 | 17.0                 | 0            | 82         | 254       | 22    | 300  | 9275   | 0            | -44.1 | 13.2                 | 1            | 79         | 273       | 18    | 300   | 9704   | 0            | -29.2 | 11.3                 | 2            | 92         | 97        | 9     |
| 500  | 5772   | 0            | -12.9 | 20.1                 | 0            | 77         | 246       | 11    | 500  | 5636   | 0            | -17.1 | 17.1                 | 1            | 81         | 272       | 13    | 500   | 5861   | 0            | -4.6  | 6.6                  | 2            | 71         | 107       | 5     |
| 700  | 3122   | 0            | 4.0   | 15.2                 | 0            | 22         | 216       | 2     | 700  | 3047   | 0            | -4    | 19.4                 | 1            | 86         | 268       | 9     | 700   | 3135   | 0            | 10.2  | 4.0                  | 2            | 24         | 155       | 2     |
| 850  | 1511   | 0            | 14.7  | 14.0                 | 0            | 10         | 312       | 1     | 850  | 1467   | 0            | 9.5   | 15.4                 | 1            | 49         | 268       | 6     | 850   | 1492   | 0            | 18.2  | 17.7                 | 2            | 49         | 220       | 3     |
| 992  | * 191  |              | 19.4  | 7.8                  |              |            |           |       | 1006   | * 58   |              | 17.9  | 11.6                 |              |            |           |       | 1008  | * 3    |              | 25.4  | 2.8                  |              |            |           |       |
|  |        |              |       |                      |              |            |           |       |  |        |              |       |                      |              |            |           |       |   |        |              |       |                      |              |            |           |       |
|  |        |              |       |                      |              |            |           |       |  |        |              |       |                      |              |            |           |       |   |        |              |       |                      |              |            |           |       |



# UPPER AIR

# DECEMBER 2011

| LEVEL    |        | TEMPERATURE  |      |                      | VECTOR WIND  |            |           | LEVEL | TEMPERATURE |        |              | VECTOR WIND |                      |              | LEVEL      | TEMPERATURE |       |          | VECTOR WIND |              |      |                      |              |            |           |       |
|----------|--------|--------------|------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|----------|-------------|--------------|------|----------------------|--------------|------------|-----------|-------|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE    | HEIGHT | MISSING DAYS | MEAN        | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION   | SPEED | PRESSURE | HEIGHT      | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
| hPa      | gpm    |              | °C   | °C                   |              | %          | o         | mps   | hPa         | gpm    |              | °C          | °C                   |              | %          | o           | mps   | hPa      | gpm         |              | °C   | °C                   |              | %          | o         | mps   |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             |        |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |             | </     |              |             |                      |              |            |             |       |          |             |              |      |                      |              |            |           |       |

# UPPER AIR LATE REPORTS

| LEVEL    |        | TEMPERATURE  |      |                      | VECTOR WIND  |            |           |       | LEVEL    |        | TEMPERATURE  |      |                      | VECTOR WIND  |            |           |       | LEVEL    |        | TEMPERATURE  |      |                      | VECTOR WIND  |            |           |       |
|----------|--------|--------------|------|----------------------|--------------|------------|-----------|-------|----------|--------|--------------|------|----------------------|--------------|------------|-----------|-------|----------|--------|--------------|------|----------------------|--------------|------------|-----------|-------|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
| hPa      | gpm    |              | °C   | °C                   |              | %          | o         | mps   | hPa      | gpm    |              | °C   | °C                   |              | %          | o         | mps   | hPa      | gpm    |              | °C   | °C                   |              | %          | o         | mps   |
|          |        |              |      |                      |              |            |           |       |          |        |              |      |                      |              |            |           |       |          |        |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |          |        |              |      |                      |              |            |           |       |          |        |              |      |                      |              |            |           |       |
|          |        |              |      |                      |              |            |           |       |          |        |              |      |                      |              |            |           |       |          |        |              |      |                      |              |            |           |       |

# STATION LIST RECENT DATA

|       |    |                             |                     |       |    |                       |                    |
|-------|----|-----------------------------|---------------------|-------|----|-----------------------|--------------------|
| 06030 | C  | AALBORG                     | DENMARK AND FAROE I | 70273 | C  | ANCHORAGE/INT., AK    | USA                |
| 04220 | C  | AASIAAT (EGEDESMINDE)       | GREENLAND           | 10291 | C  | ANGERMUENDE           | GERMANY            |
| 40831 | C  | ABADAN                      | IRAN, ISLAMIC REP   | 17130 | C  | ANKARA/CENTRAL        | TURKEY             |
| 07005 | C  | ABBEVILLE                   | FRANCE              | 60360 | C  | ANNABA                | ALGERIA            |
| 03502 | C  | ABERPORTH                   | U KINGDOM           | 17300 | C  | ANTALYA               | TURKEY             |
| 41112 | C  | ABHA                        | SAUDI ARABIA        | 47575 | C  | AOMORI                | JAPAN              |
| 65578 | C  | ABIDJAN                     | COTE D'IVOIRE       | 80084 | C  | APARTADO/LOS CEDROS   | COLOMBIA           |
| 41217 | C  | ABU DHABI INTER. AIRPORT    | U ARAB EMIRATES     | 35746 | C  | ARALSKOE MORE         | KAZAKHSTAN         |
| 76805 | C  | ACAPULCO, GRO.              | MEXICO              | 71592 | C  | ARCTIC BAY CS, NU     | CANADA             |
| 17351 | C  | ADANA/BOLGE                 | TURKEY              | 84752 | C  | AREQUIPA              | PERU               |
| 63450 | C  | ADDIS ABABA-BOLE            | ETHIOPIA            | 22550 | C  | ARHANGEL'SK           | RUSSIAN FEDERATION |
| 94672 | C  | ADELAIDE AIRPORT            | AUSTRALIA           | 85406 | C  | ARICA                 | CHILE              |
| 60620 | C  | ADRAR                       | ALGERIA             | 10091 | C  | ARKONA                | GERMANY            |
| 76644 | C  | AEROP.INTERNACIONAL MERIDA, | MEXICO              | 76840 | C  | ARRIAGA, CHIS.        | MEXICO             |
| 17190 | C  | AFYON                       | TURKEY              | 10460 | C  | ARTERN                | GERMANY            |
| 23383 | C  | AGATA                       | RUSSIAN FEDERATION  | 44288 | C  | ARVAIHEER             | MONGOLIA           |
| 42261 | C  | AGRA                        | INDIA               | 60452 | C  | ARZEW                 | ALGERIA            |
| 42647 | C  | AHMADABAD                   | INDIA               | 47407 | C  | ASAHIKAWA             | JAPAN              |
| 37663 | C  | AHTY                        | RUSSIAN FEDERATION  | 85175 | C  | ASCENCION DE GUARAYOS | BOLIVIA            |
| 33998 | C  | AI-PETRI                    | UKRAINE             | 38880 | C  | ASHGABAT KESHI        | TURKMENISTAN       |
| 60415 | C  | AIN-BESSAM                  | ALGERIA             | 33915 | C  | ASKANIYA-NOVA         | UKRAINE            |
| 61499 | C  | AIOUN EL ATROUSS            | MAURITANIA          | 62414 | C  | ASSWAN                | EGYPT              |
| 07761 | C  | AJACCIO                     | FRANCE              | 35188 | C  | ASTANA                | KAZAKHSTAN         |
| 38178 | C  | AK-BAJTAL                   | UZBEKISTAN          | 86218 | C  | ASUNCION/AEROPUERTO   | PARAGUAY           |
| 47582 | C  | AKITA                       | JAPAN               | 65376 | C  | ATAKPAME              | TOGO               |
| 61437 | C  | AKJOUJT                     | MAURITANIA          | 35078 | C  | ATBASAR               | KAZAKHSTAN         |
| 42933 | C  | AKOLA                       | INDIA               | 16716 | C  | ATHINAI (AIRPORT)     | GREECE             |
| 72521 | C  | AKRON/AKRON-CANTON REG. OH. | USA                 | 72219 | C  | ATLANTA/MUN., GA.     | USA                |
| 35229 | C  | AKTOBE                      | KAZAKHSTAN          | 91925 | C  | ATUONA                | FRENCH POLY.       |
| 04063 | C  | AKUREYRI                    | ICELAND             | 35700 | C  | ATYRAU                | KAZAKHSTAN         |
| 40361 | C  | AL-JOUF                     | SAUDI ARABIA        | 10852 | C  | AUGSBURG              | GERMANY            |
| 08280 | C  | ALBACETE/LOS LLANOS         | SPAIN               | 38334 | C  | AUL TURARA RYSKULOVA  | KAZAKHSTAN         |
| 03917 | C  | ALDERGROVE                  | U KINGDOM           | 72254 | C  | AUSTIN/CTY, TX.       | USA                |
| 07139 | C  | ALENCON                     | FRANCE              | 31168 | C  | AYAN                  | RUSSIAN FEDERATION |
| 60369 | C  | ALGER-PORT                  | ALGERIA             | 87641 | C  | AZUL AERO             | ARGENTINA          |
| 08359 | C  | ALICANTE                    | SPAIN               | 82460 | C  | BACABAL               | BRAZIL             |
| 42475 | C  | ALLAHABAD/BAMHRAULI         | INDIA               | 10542 | C  | BAD HERSFELD          | GERMANY            |
| 08487 | C  | ALMERIA/AEROPUERTO          | SPAIN               | 30554 | CT | BAGDARIN              | RUSSIAN FEDERATION |
| 44277 | C  | ALTAI                       | MONGOLIA            | 87750 | C  | BAHIA BLANCA AERO     | ARGENTINA          |
| 26346 | C  | ALUKSNE                     | LATVIA              | 44265 | C  | BAITAG                | MONGOLIA           |
| 94568 | C  | AMBERLEY AMO                | AUSTRALIA           | 23891 | C  | BAJKIT                | RUSSIAN FEDERATION |
| 23022 | CT | AMDERMA                     | RUSSIAN FEDERATION  | 29328 | C  | BAKCHAR               | RUSSIAN FEDERATION |
| 42071 | C  | AMRITSAR                    | INDIA               | 30612 | C  | BALAGANSK             | RUSSIAN FEDERATION |
| 25563 | C  | ANADYR'                     | RUSSIAN FEDERATION  | 10675 | C  | BAMBERG               | GERMANY            |

# STATION LIST RECENT DATA

|       |    |                            |                     |       |    |                              |                    |
|-------|----|----------------------------|---------------------|-------|----|------------------------------|--------------------|
| 43295 | C  | BANGALORE                  | INDIA               | 15420 | C  | BUCURESTI BANEASA            | ROMANIA            |
| 29612 | C  | BARABINSK                  | RUSSIAN FEDERATION  | 12843 | CT | BUDAPEST/PESTSZENTLORINC     | HUNGARY            |
| 07790 | C  | BASTIA                     | FRANCE              | 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             | 15350 | C  | BUZAU                        | ROMANIA            |
| 43198 | C  | BELGAUM/SAMBRE             | INDIA               | 95916 | C  | CABRAMURRA SMHEA             | AUSTRALIA          |
| 40180 | C  | BEN-GURION INT. AIRPORT    | ISRAEL              | 08261 | C  | CACERES                      | SPAIN              |
| 13274 | C  | BEOGRAD                    | SERBIA AND MONTENEG | 07027 | C  | CAEN                         | FRANCE             |
| 23631 | C  | BEREZOVO                   | RUSSIAN FEDERATION  | 16560 | T  | CAGLIARI ELMAS               | ITALY              |
| 40179 | C  | BET DAGAN                  | ISRAEL              | 94287 | C  | CAIRNS AERO                  | AUSTRALIA          |
| 42971 | C  | BHUBANESHWAR               | INDIA               | 42807 | C  | CALCUTTA/ALIPORE             | INDIA              |
| 12295 | C  | BIALYSTOK                  | POLAND              | 71288 | C  | CAMBRIDGE BAY GSN, NU        | CANADA             |
| 71844 | C  | BIG TROUT LAKE READAC, ONT | CANADA              | 17112 | C  | CANAKKALE                    | TURKEY             |
| 29939 | C  | BIJSK ZONAL'NAYA           | RUSSIAN FEDERATION  | 07661 | C  | CAP CEPET                    | FRANCE             |
| 42165 | C  | BIKANER                    | INDIA               | 15292 | C  | CARANSEBES                   | ROMANIA            |
| 08025 | C  | BILBAO/SONDICA             | SPAIN               | 08286 | C  | CASTELLON                    | SPAIN              |
| 72515 | C  | BINGHAMTON/BROOME CO., NY. | USA                 | 16459 | C  | CATANIA SIGONELLA            | ITALY              |
| 61075 | C  | BIRNI-N'KONNI              | NIGER               | 94653 | C  | CEDUNA AMO                   | AUSTRALIA          |
| 28138 | C  | BISER                      | RUSSIAN FEDERATION  | 89056 | C  | CENTRO MET. ANTARTICO PDTE.  | CHILE              |
| 14652 | C  | BJELASNICA                 | BOSNIA AND HERZEGOV | 16148 | C  | CERVIA                       | ITALY              |
| 01028 | CT | BJORNOYA                   | NORWAY              | 07314 | C  | CHASSIRON                    | FRANCE             |
| 28766 | C  | BLAGOVESHCHENKA            | KAZAKHSTAN          | 23914 | C  | CHERDYN'                     | RUSSIAN FEDERATION |
| 68442 | C  | BLOEMFONTEIN AIRPORT       | SOUTH AFRICA        | 41768 | C  | CHHOR                        | PAKISTAN           |
| 74492 | C  | BLUE HILL OBS. MA.         | USA                 | 47971 | C  | CHICHIJIMA                   | JAPAN              |
| 82024 | C  | BOA VISTA                  | BRAZIL              | 60425 | C  | CHLEF                        | ALGERIA            |
| 65510 | C  | BOBO-DIOULASSO             | BURKINA FASO        | 44259 | C  | CHOIBALSAN                   | MONGOLIA           |
| 01152 | CT | BODO                       | NORWAY              | 96995 | C  | CHRISTMAS ISLAND AERO        | ISLANDS            |
| 31439 | C  | BOGORODSKOE                | RUSSIAN FEDERATION  | 48517 | C  | CHUMPHON                     | THAILAND           |
| 10249 | C  | BOIZENBURG                 | GERMANY             | 96805 | C  | CILACAP                      | INDONESIA          |
| 31174 | C  | BOL'SHOJ SHANTAR           | RUSSIAN FEDERATION  | 72421 | C  | CINCINNATI/GREATER CINCINNAT | USA                |
| 43057 | C  | BOMBAY / COLABA            | INDIA               | 96791 | C  | CIREBON/JATIWANGI            | INDONESIA          |
| 10519 | C  | BONN-ROLEBER               | GERMANY             | 08348 | C  | CIUDAD REAL                  | SPAIN              |
| 23884 | C  | BOR                        | RUSSIAN FEDERATION  | 72360 | C  | CLAYTON/MUN., NM.            | USA                |
| 72509 | C  | BOSTON/LOGAN INT.,         | USA                 | 07460 | C  | CLERMONT-FERRAND             | FRANCE             |
| 60405 | C  | BOUCHEGOUF                 | ALGERIA             | 15120 | C  | CLUJ-NAPOCA                  | ROMANIA            |
| 08575 | C  | BRAGANCA                   | PORTUGAL            | 71358 | C  | CLYDE RIVER CLIMATE, NU      | CANADA             |
| 10129 | C  | BREMERHAVEN                | GERMANY             | 82425 | C  | COARI                        | BRAZIL             |
| 16061 | C  | BRIC DELLA CROCE           | ITALY               | 85041 | C  | COBIJA                       | BOLIVIA            |
| 11723 | C  | BRNO/TURANY                | CZECH REP           | 85223 | C  | COCHABAMBA                   | BOLIVIA            |
| 10453 | C  | BROCKEN                    | GERMANY             | 94791 | C  | COFFS HARBOUR MO             | AUSTRALIA          |
| 96315 | C  | BRUNEI AIRPORT             | BRUNEI DARUSSALAM   | 08548 | C  | COIMBRA/CERNACHE             | PORTUGAL           |

# STATION LIST RECENT DATA

|       |   |                           |                    |       |   |                          |                    |
|-------|---|---------------------------|--------------------|-------|---|--------------------------|--------------------|
| 43466 | C | COLOMBO                   | SRI LANKA          | 65562 | C | DIMBOKRO                 | COTE D'IVOIRE      |
| 76848 | C | COMITAN, CHIS.            | MEXICO             | 89054 | C | DINAMET-URUGUAY          | URUGUAY            |
| 85196 | C | CONCEPCION                | BOLIVIA            | 61666 | C | DIOURBEL                 | SENEGAL            |
| 08410 | C | CORDOBA/AEROPUERTO        | SPAIN              | 63471 | C | DIREDAWA                 | ETHIOPIA           |
| 10496 | C | COTTBUS                   | GERMANY            | 17280 | C | DIYARBAKIR               | TURKEY             |
| 85864 | C | COYHAIQUE                 | CHILE              | 60670 | C | DJANET                   | ALGERIA            |
| 16480 | C | COZZO SPADARO             | ITALY              | 60535 | C | DJELFA                   | ALGERIA            |
| 15450 | C | CRAIOVA                   | ROMANIA            | 34504 | C | DNIPROPETROVS'K          | UKRAINE            |
| 82704 | C | CRUZEIRO DO SUL           | BRAZIL             | 16033 | C | DOBBIACO                 | ITALY              |
| 80097 | C | CUCUTA/CAMILO DAZA        | COLOMBIA           | 63862 | C | DODOMA                   | U REP TANZANIA     |
| 08231 | C | CUENCA                    | SPAIN              | 64401 | C | DOLISIE                  | CONGO              |
| 83361 | C | CUIABA                    | BRAZIL             | 34519 | C | DONETS'K                 | UKRAINE            |
| 28704 | C | CULPANOV                  | RUSSIAN FEDERATION | 65501 | C | DORI                     | BURKINA FASO       |
| 80420 | C | CUMANA                    | VENEZUELA          | 52836 | C | DOULAN                   | CHINA              |
| 83842 | C | CURITIBA                  | BRAZIL             | 10488 | C | DRESDEN-KLOTZSCHE        | GERMANY            |
| 10131 | C | CUXHAVEN                  | GERMANY            | 41515 | C | DROSH                    | PAKISTAN           |
| 84686 | C | CUZCO                     | PERU               | 95719 | C | DUBBO AIRPORT AWS        | AUSTRALIA          |
| 47133 | C | DAEJEON                   | REP KOREA          | 23074 | C | DUDINKA                  | RUSSIAN FEDERATION |
| 98325 | C | DAGUPAN                   | PHILIPPINES        | 10400 | C | DUESSELDORF              | GERMANY            |
| 62467 | C | DAHAB                     | EGYPT              | 72745 | C | DULUTH/INT., MN.         | USA                |
| 61641 | C | DAKAR/YOFF                | SENEGAL            | 42599 | C | DUMKA                    | INDIA              |
| 31873 | C | DAL'NERECHENSK            | RUSSIAN FEDERATION | 76423 | C | DURANGO, DGO.            | MEXICO             |
| 40080 | C | DAMASCUS INT. AIRPORT     | SYRIAN ARAB REP    | 38836 | C | DUSHANBE                 | TAJIKISTAN         |
| 04320 | C | DANMARKSHAVN              | GREENLAND          | 42731 | C | DWARKA                   | INDIA              |
| 38545 | C | DARGANATA                 | TURKMENISTAN       | 03091 | C | DYCE                     | U KINGDOM          |
| 44256 | C | DASHBALBAR                | MONGOLIA           | 21908 | C | DZALINDA                 | RUSSIAN FEDERATION |
| 26544 | C | DAUGAVPILS                | LATVIA             | 30089 | C | DZHIKIMDA                | RUSSIAN FEDERATION |
| 89571 | C | DAVIS                     | AUSTRALIA          | 68858 | C | EAST LONDON              | SOUTH AFRICA       |
| 71966 | C | DAWSON, YT                | CANADA             | 94983 | C | EDDYSTONE POINT          | AUSTRALIA          |
| 72429 | C | DAYTON/. COX, OH.         | USA                | 17050 | C | EDIRNE                   | TURKEY             |
| 06235 | C | DE KOOY                   | NETHERLANDS        | 71590 | C | EDMUNDSTON, NB           | CANADA             |
| 12882 | C | DEBRECEN                  | HUNGARY            | 06280 | C | EELDE/GRONINGEN AP EELDE | NETHERLANDS        |
| 16546 | C | DECIMOMANNU               | ITALY              | 25378 | C | EGVEKINOT                | RUSSIAN FEDERATION |
| 65505 | C | DEDOUGOU                  | BURKINA FASO       | 40199 | C | EILAT                    | ISRAEL             |
| 40045 | C | DEIR EZZOR                | SYRIAN ARAB REP    | 31707 | C | EKATERINO-NIKOL'SKOE     | RUSSIAN FEDERATION |
| 60387 | C | DELLYS                    | ALGERIA            | 38388 | C | EKEZHE                   | TURKMENISTAN       |
| 95869 | C | DENILQUIN AIRPORT AWS     | AUSTRALIA          | 31329 | C | EKIMCHAN                 | RUSSIAN FEDERATION |
| 37470 | C | DERBENT                   | RUSSIAN FEDERATION | 72270 | C | EL PASO/INT., TX.        | USA                |
| 72546 | C | DES MOINES/MUN., IA.      | USA                | 60550 | C | EL-BAYADH                | ALGERIA            |
| 72537 | C | DETROIT/METROPOLITAN, MI. | USA                | 27648 | C | ELAT'MA                  | RUSSIAN FEDERATION |
| 40416 | C | DHAHRAN                   | SAUDI ARABIA       | 12160 | C | ELBLAG                   | POLAND             |
| 42404 | C | DHUBRI                    | INDIA              | 62453 | C | ELHASANA                 | EGYPT              |
| 42314 | C | DIBRUGARH /MOHANBARI      | INDIA              | 72486 | C | ELY/YELLAND, NV.         | USA                |
| 07280 | C | DIJON                     | FRANCE             | 07591 | C | EMBRUN                   | FRANCE             |

# STATION LIST RECENT DATA

|       |    |                      |                    |       |    |                             |                     |
|-------|----|----------------------|--------------------|-------|----|-----------------------------|---------------------|
| 10200 | C  | EMDEN-FLUGPLATZ      | GERMANY            | 47843 | C  | FUKUE                       | JAPAN               |
| 76256 | C  | EMPALME, SON.        | MEXICO             | 08522 | C  | FUNCHAL                     | MADEIRA             |
| 25356 | C  | EN' MUVEEM           | RUSSIAN FEDERATION | 60765 | C  | GABES                       | TUNISIA             |
| 86297 | C  | ENCARNACION          | PARAGUAY           | 60745 | C  | GAFSA                       | TUNISIA             |
| 29263 | C  | ENISEJSK             | RUSSIAN FEDERATION | 65557 | C  | GAGNOA                      | COTE D'IVOIRE       |
| 16450 | C  | ENNA                 | ITALY              | 15310 | C  | GALATI                      | ROMANIA             |
| 72550 | C  | EPPLEY FIELD, OMAHA, | USA                | 64454 | C  | GAMBOMA                     | CONGO               |
| 24817 | C  | ERBOGACEN            | RUSSIAN FEDERATION | 37735 | C  | GANDJA                      | AZERBAIJAN          |
| 44237 | C  | ERDENEMANDAL         | MONGOLIA           | 65522 | C  | GAOUA                       | BURKINA FASO        |
| 53068 | C  | ERENHOT              | CHINA              | 10359 | C  | GARDELEGEN                  | GERMANY             |
| 10554 | C  | ERFURT-BINDERSLEBEN  | GERMANY            | 26157 | C  | GDOV                        | RUSSIAN FEDERATION  |
| 34186 | C  | ERSHOV               | RUSSIAN FEDERATION | 10628 | C  | GEISENHEIM                  | GERMANY             |
| 36307 | C  | ERZIN                | RUSSIAN FEDERATION | 06700 | C  | GENEVE-COINTRIN             | SWITZERLAND & LIECH |
| 38750 | C  | ESENGYLY             | TURKMENISTAN       | 68828 | C  | GEORGE AIRPORT              | SOUTH AFRICA        |
| 40800 | C  | ESFAHAN              | IRAN, ISLAMIC REP  | 08184 | C  | GERONA/COSTA BRAVA          | SPAIN               |
| 35067 | C  | ESIL'                | KAZAKHSTAN         | 60517 | C  | GHAZAOUET                   | ALGERIA             |
| 03162 | C  | ESKDALEMUIR          | U KINGDOM          | 40296 | C  | GHOR SAFI                   | JORDAN              |
| 94638 | C  | ESPERANCE            | AUSTRALIA          | 08495 | C  | GIBALTAR                    | GIBALTAR            |
| 87803 | C  | ESQUEL AERO          | ARGENTINA          | 10532 | C  | GIESSEN                     | GERMANY             |
| 10410 | C  | ESSEN-BREDENEY       | GERMANY            | 34740 | C  | GIGANT                      | RUSSIAN FEDERATION  |
| 71862 | C  | ESTEVAN A, SASK      | CANADA             | 94461 | C  | GILES METEOROLOGICAL OFFICE | AUSTRALIA           |
| 94647 | C  | EUCLA                | AUSTRALIA          | 17034 | C  | GIRESUN                     | TURKEY              |
| 71917 | C  | EUREKA, NU           | CANADA             | 93292 | C  | GISBORNE AERODROME AWS      | N ZEALAND           |
| 72432 | C  | EVANSVILLE/REG., IN. | USA                | 41140 | C  | GIZAN                       | SAUDI ARABIA        |
| 37747 | C  | EVLAKH AIRPORT       | AZERBAIJAN         | 71363 | C  | GJOA HAVEN CLIMATE, NU      | CANADA              |
| 08558 | C  | EVORA/C. COORD       | PORTUGAL           | 94380 | C  | GLADSTONE RADAR             | AUSTRALIA           |
| 87576 | CT | EZEIZA AERO          | ARGENTINA          | 83264 | C  | GLEBA CELESTE               | BRAZIL              |
| 65507 | C  | FADA N'GOURMA        | BURKINA FASO       | 20292 | C  | GMO IM.E.K. FEDOROVA        | RUSSIAN FEDERATION  |
| 70261 | C  | FAIRBANKS/INT., AK   | USA                | 43192 | C  | GOA/PANJIM                  | INDIA               |
| 62423 | C  | FARAFRA              | EGYPT              | 10444 | C  | GOETTINGEN                  | GERMANY             |
| 10908 | C  | FELDBERG/SCHWARZWALD | GERMANY            | 83423 | C  | GOIANIA                     | BRAZIL              |
| 38618 | C  | FERGANA              | UZBEKISTAN         | 33041 | CT | GOMEL                       | BELARUS             |
| 11155 | C  | FEUERKOGEL           | AUSTRIA            | 63331 | C  | GONDAR                      | ETHIOPIA            |
| 10578 | C  | FICHTELBERG          | GERMANY            | 71816 | C  | GOOSE A, NFLD               | CANADA              |
| 72637 | C  | FLINT/BISHOP, MI.    | USA                | 68906 | C  | GOUGH ISLAND                | SOUTH AFRICA        |
| 08501 | C  | FLORES (ACORES)      | PORTUGAL           | 94150 | C  | GOVE AIRPORT                | AUSTRALIA           |
| 01238 | C  | FOKSTUA II           | NORWAY             | 08419 | C  | GRANADA/AEROPUERTO          | SPAIN               |
| 82212 | C  | FONTE BOA            | BRAZIL             | 71570 | C  | GREAT FALLS CLIMATE, MAN    | CANADA              |
| 87162 | C  | FORMOSA AERO         | ARGENTINA          | 10791 | C  | GROSSER ARBER               | GERMANY             |
| 89065 | C  | FOSSIL BLUFF         | U KINGDOM          | 88903 | C  | GRYTVIKEN,                  | ISLANDS             |
| 83630 | C  | FRANCA               | BRAZIL             | 76577 | C  | GUANAJUATO, GTO.            | MEXICO              |
| 10803 | C  | FREIBURG             | GERMANY            | 60403 | C  | GUELMA                      | ALGERIA             |
| 16179 | C  | FRONTONE             | ITALY              | 80423 | C  | GUIRIA                      | VENEZUELA           |
| 10895 | C  | FUERSTENZELL         | GERMANY            | 02128 | C  | GUNNARN                     | SWEDEN              |

# STATION LIST RECENT DATA

|       |    |                              |                    |       |    |                              |                    |
|-------|----|------------------------------|--------------------|-------|----|------------------------------|--------------------|
| 40360 | C  | GURIAT                       | SAUDI ARABIA       | 25248 | C  | ILIRNEJ                      | RUSSIAN FEDERATION |
| 42410 | C  | GUWAHATI                     | INDIA              | 60640 | C  | ILLIZI                       | ALGERIA            |
| 38763 | C  | GYZYLARBAT                   | TURKMENISTAN       | 31416 | C  | IM POLINY OSIPENKO           | RUSSIAN FEDERATION |
| 40250 | C  | H-4 'IRWAISHED'              | JORDAN             | 20667 | C  | IM. M.V. POPOVA              | RUSSIAN FEDERATION |
| 47678 | C  | HACHIJOJIMA                  | JAPAN              | 64459 | C  | IMPFONDO                     | CONGO              |
| 40377 | C  | HAFR AL-BATIN                | SAUDI ARABIA       | 60630 | CT | IN-SALAH                     | ALGERIA            |
| 40394 | CT | HAIL                         | SAUDI ARABIA       | 72438 | C  | INDIANAPOLIS/I.-MUN/WEIR COO | USA                |
| 17285 | C  | HAKKARI                      | TURKEY             | 67323 | C  | INHAMBANE                    | MOZAMBIQUE         |
| 71320 | C  | HALL BEACH CLIMATE, NU       | CANADA             | 11120 | C  | INNSBRUCK-FLUGHAFEN          | AUSTRIA            |
| 40030 | C  | HAMA                         | SYRIAN ARAB REP    | 72747 | C  | INT.FALLS/FALLS INT. MN.     | USA                |
| 10338 | C  | HANNOVER                     | GERMANY            | 71364 | C  | INUVIK CLIMATE, NWT          | CANADA             |
| 67775 | C  | HARARE (KUTSAGA)             | ZIMBABWE           | 80370 | C  | IPIALES/SAN LUIS             | COLOMBIA           |
| 60563 | C  | HASSIR'MEL                   | ALGERIA            | 71321 | C  | IQUALUIT CLIMATE, NU         | CANADA             |
| 20891 | C  | HATANGA                      | RUSSIAN FEDERATION | 84377 | C  | IQUITOS                      | PERU               |
| 71361 | C  | HAY RIVER CLIMATE, NWT       | CANADA             | 83836 | C  | IRATI                        | BRAZIL             |
| 10015 | C  | HELGOLAND                    | GERMANY            | 30710 | C  | IRKUTSK                      | RUSSIAN FEDERATION |
| 16754 | C  | HERAKLION (AIRPORT)          | GREECE             | 29807 | C  | IRTYSHSK                     | KAZAKHSTAN         |
| 60001 | C  | HIERRO/AEROPUERTO            | SPAIN              | 71074 | C  | ISACHSEN (AUT), NU           | CANADA             |
| 71066 | C  | HIGH LEVEL A, ALTA           | CANADA             | 28573 | C  | ISHIM                        | RUSSIAN FEDERATION |
| 91753 | C  | HIHIFO (ILE WALLIS)          | DETACHED ISLANDS   | 41571 | C  | ISLAMABAD AIRPORT            | PAKISTAN           |
| 91285 | C  | HILO/GEN. LYMAN, HAWAII, HAW | USA D ISLANDS      | 17240 | C  | ISPARTA                      | TURKEY             |
| 98755 | C  | HINATUAN                     | PHILIPPINES        | 17062 | C  | ISTANBUL/GOZTEPE             | TURKEY             |
| 94975 | C  | HOBART AIRPORT               | AUSTRALIA          | 82336 | C  | ITACOATIARA                  | BRAZIL             |
| 10685 | C  | HOF                          | GERMANY            | 04339 | C  | ITTOQQORTOORMIIT (SCORESBYSU | GREENLAND          |
| 10962 | C  | HOHENPEISSENBERG             | GERMANY            | 10142 | C  | ITZEHOE                      | GERMANY            |
| 93615 | C  | HOKITIKA AERODROME AWS       | N ZEALAND          | 33526 | C  | IVANO-FRANKIVS'K             | UKRAINE            |
| 71029 | C  | HOLMAN CS, NWT               | CANADA             | 23921 | C  | IVDEL'                       | RUSSIAN FEDERATION |
| 61240 | C  | HOMBORI                      | MALI               | 83704 | C  | IVINHEMA                     | BRAZIL             |
| 91182 | C  | HONOLULU, OAHU, HAWAII       | USA                | 60010 | C  | IZANA                        | SPAIN              |
| 68112 | C  | HOSEA KUTAKO INT'L AIRPORT   | NAMIBIA            | 34415 | C  | IZIUM                        | UKRAINE            |
| 51828 | C  | HOTAN                        | CHINA              | 17220 | C  | IZMIR/GUZELYALI              | TURKEY             |
| 72243 | C  | HOUSTON/INTERCONTINENTAL, TX | USA                | 84088 | C  | IZOBAMBA                     | ECUADOR            |
| 44218 | C  | HOVD                         | MONGOLIA           | 47800 | CT | IZUHARA                      | JAPAN              |
| 08383 | C  | HUELVA                       | SPAIN              | 72235 | C  | JACKSON/ALLEN C. THOMPSON FI | USA                |
| 44285 | C  | HUJIRT                       | MONGOLIA           | 08417 | C  | JAEN                         | SPAIN              |
| 72323 | C  | HUNTSVILLE/MADISON CO., AL.  | USA                | 43041 | C  | JAGDALPUR                    | INDIA              |
| 03862 | C  | HURN                         | U KINGDOM          | 24959 | C  | JAKUTSK                      | RUSSIAN FEDERATION |
| 44232 | C  | HUTAG                        | MONGOLIA           | 76687 | C  | JALAPA, VER.                 | MEXICO             |
| 43128 | C  | HYDERABAD AIRPORT            | INDIA              | 01001 | CT | JAN MAYEN                    | NORWAY             |
| 15090 | C  | IASI                         | ROMANIA            | 97690 | C  | JAYAPURA/SENTANI             | INDONESIA          |
| 80214 | C  | IBAGUE/PERALES               | COLOMBIA           | 41024 | CT | JEDDAH (KING ABDUL AZIZ INT. | SAUDI ARABIA       |
| 08373 | C  | IBIZA/ES CODOLA              | SPAIN              | 47184 | C  | JEJU                         | REP KOREA          |
| 23274 | C  | IGARKA                       | RUSSIAN FEDERATION | 60725 | C  | JENDOUBA                     | TUNISIA            |
| 87097 | C  | IGUAZU AERO                  | ARGENTINA          | 08451 | C  | JEREZ DE LA FRONTERA AEROPUE | SPAIN              |

# STATION LIST RECENT DATA

|       |    |                              |                     |       |    |                              |                     |
|-------|----|------------------------------|---------------------|-------|----|------------------------------|---------------------|
| 41598 | C  | JHELM                        | PAKISTAN            | 33429 | C  | KHMEI'NYTS'KYI               | UKRAINE             |
| 60351 | C  | JIJEL-ACHOUAT                | ALGERIA             | 38599 | C  | KHUDJANT                     | TAJKISTAN           |
| 63402 | C  | JIMMA                        | ETHIOPIA            | 33345 | C  | KIEV                         | UKRAINE             |
| 52533 | C  | JIUQUAN                      | CHINA               | 61498 | C  | KIFFA                        | MAURITANIA          |
| 41756 | C  | JIWANI                       | PAKISTAN            | 02801 | C  | KILPISJARVI                  | FINLAND             |
| 42339 | C  | JODHPUR                      | INDIA               | 68438 | C  | KIMBERLEY                    | SOUTH AFRICA        |
| 02929 | C  | JOENSUU                      | FINLAND             | 03066 | C  | KINLOSS                      | U KINGDOM           |
| 02963 | C  | JOKIOINEN                    | FINLAND             | 28009 | C  | KIRS                         | RUSSIAN FEDERATION  |
| 02550 | C  | JONKOPING/AXAMO              | SWEDEN              | 24606 | C  | KISLOKAN                     | RUSSIAN FEDERATION  |
| 78762 | C  | JUAN SANTAMARIA INT. AIRPORT | COSTA RICA          | 61270 | C  | KITA                         | MALI                |
| 21931 | C  | JUBILEJNAJA                  | RUSSIAN FEDERATION  | 30925 | C  | KJAHTA                       | RUSSIAN FEDERATION  |
| 87046 | C  | JUJUY AERO                   | ARGENTINA           | 21921 | C  | KJUSJUR                      | RUSSIAN FEDERATION  |
| 78866 | C  | JULIANA AIRPORT,             | NETHERLANDS ANTILLE | 11231 | C  | KLAGENFURT-FLUGHAFEN         | AUSTRIA             |
| 87548 | C  | JUNIN AERO                   | ARGENTINA           | 32389 | C  | KLJUCHI                      | RUSSIAN FEDERATION  |
| 32150 | C  | JUZHNO-SAHALINSK             | RUSSIAN FEDERATION  | 72326 | C  | KNOXVILLE/MUN., TN.          | USA                 |
| 02935 | CT | JYVASKYLA                    | FINLAND             | 11487 | C  | KOCELOVICE                   | CZECH REP           |
| 40417 | C  | K.F.I.A. (KING FAHAD INT. AI | SAUDI ARABIA        | 06186 | C  | KOEBENHAVN/LANDBOHOEJSKOLEN  | DENMARK AND FAROE I |
| 67663 | C  | KABWE                        | ZAMBIA              | 28879 | C  | KOKSHETAY                    | KAZAKHSTAN          |
| 61492 | C  | KAEDI                        | MAURITANIA          | 61698 | C  | KOLDA                        | SENEGAL             |
| 47827 | C  | KAGOSHIMA                    | JAPAN               | 33883 | C  | KOMRAT                       | REP MOLDOVA         |
| 10427 | C  | KAHLER ASTEN                 | GERMANY             | 10929 | C  | KONSTANZ                     | GERMANY             |
| 93678 | C  | KAIKOURA                     | N ZEALAND           | 25503 | C  | KORKODON                     | RUSSIAN FEDERATION  |
| 02897 | C  | KAJAANI                      | FINLAND             | 36259 | C  | KOSH-AGACH                   | RUSSIAN FEDERATION  |
| 16726 | C  | KALAMATA (AIRPORT)           | GREECE              | 42452 | C  | KOTA AERODROME               | INDIA               |
| 40001 | C  | KAMISHLI                     | SYRIAN ARAB REP     | 61293 | C  | KOUTIALA                     | MALI                |
| 22165 | C  | KANIN NOS                    | RUSSIAN FEDERATION  | 45004 | CT | KOWLOON                      | HONG KONG, CHINA    |
| 61679 | C  | KAOLACK                      | SENEGAL             | 43314 | C  | KOZHICODE                    | INDIA               |
| 71299 | C  | KAPUSKASING CDA ON, ONT      | CANADA              | 12566 | C  | KRAKOW                       | POLAND              |
| 35394 | C  | KARAGANDA                    | KAZAKHSTAN          | 14008 | C  | KREDARICA                    | SLOVENIA            |
| 17074 | C  | KASTAMONU                    | TURKEY              | 33791 | C  | KRYVYI RIH                   | UKRAINE             |
| 44454 | C  | KATHMANDU AIRPORT            | NEPAL               | 60514 | C  | KSAR CHELLALA                | ALGERIA             |
| 26629 | C  | KAUNAS                       | LITHUANIA           | 48647 | C  | KUALA LUMPUR/SUBANG          | MALAYSIA            |
| 61257 | C  | KAYES                        | MALI                | 96413 | C  | KUCHING                      | MALAYSIA            |
| 27595 | C  | KAZAN'                       | RUSSIAN FEDERATION  | 38343 | C  | KULAN                        | KAZAKHSTAN          |
| 61699 | C  | KEDOUGOU                     | SENEGAL             | 65442 | C  | KUMASI                       | GHANA               |
| 68312 | C  | KEETMANSHOOP                 | NAMIBIA             | 56778 | C  | KUNMING                      | CHINA               |
| 04018 | CT | KEFLAVIKURFLUGVOLLUR         | ICELAND             | 97372 | C  | KUPANG/ELTARI                | INDONESIA           |
| 22520 | C  | KEM'-PORT                    | RUSSIAN FEDERATION  | 15730 | C  | KURDJALI                     | BULGARIA            |
| 61285 | C  | KENIEBA                      | MALI                | 47418 | C  | KUSHIRO                      | JAPAN               |
| 16641 | C  | KERKYRA (AIRPORT)            | GREECE              | 17155 | C  | KUTAHYA                      | TURKEY              |
| 02805 | C  | KEVO                         | FINLAND             | 02869 | C  | KUUSAMO                      | FINLAND             |
| 72201 | C  | KEY WEST/INT., FL            | USA                 | 02120 | C  | KVIKKJOKK-ARREJARKA          | SWEDEN              |
| 41114 | C  | KHAMIS MUSHAIT               | SAUDI ARABIA        | 91366 | C  | KWAJALEIN/BUCHOLZ AAF, MARSH | USA                 |
| 60476 | C  | KHENCHELLA                   | ALGERIA             | 30949 | C  | KYRA                         | RUSSIAN FEDERATION  |



# STATION LIST RECENT DATA

|       |    |                              |                    |       |    |                               |                     |
|-------|----|------------------------------|--------------------|-------|----|-------------------------------|---------------------|
| 36096 | C  | KYZYL                        | RUSSIAN FEDERATION | 72295 | C  | LOS ANGELES /INT.,            | USA                 |
| 35576 | C  | KZYLZAR                      | KAZAKHSTAN         | 72423 | C  | LOUISVILLE/STANDIFORD, KY.    | USA                 |
| 33393 | C  | L'VIV                        | UKRAINE            | 95964 | C  | LOW HEAD                      | AUSTRALIA           |
| 08001 | CT | LA CORUNA                    | SPAIN              | 48930 | C  | LUANG-PRABANG                 | LAO PDR             |
| 82723 | C  | LABREA                       | BRAZIL             | 72267 | C  | LUBBOCK/LUBBOCK INTERNATIONAL | USA                 |
| 60545 | C  | LAGHOUAT                     | ALGERIA            | 42099 | C  | LUDHIANA                      | INDIA               |
| 10805 | C  | LAHR                         | GERMANY            | 10418 | C  | LUEDENSCHIED                  | GERMANY             |
| 72240 | C  | LAKE CHARLES/MUN.,           | USA                | 06770 | C  | LUGANO                        | SWITZERLAND & LIECH |
| 60040 | C  | LANZAROTE/AEROPUERTO         | SPAIN              | 34523 | C  | LUHANS'K                      | UKRAINE             |
| 98223 | C  | LAOAG                        | PHILIPPINES        | 16597 | C  | LUQA                          | MALTA               |
| 23867 | C  | LAR' YAK                     | RUSSIAN FEDERATION | 06590 | C  | LUXEMBOURG/LUXEMBOURG         | LUXEMBOURG          |
| 60030 | C  | LAS PALMAS DE GRAN CANARIA/G | SPAIN              | 03740 | C  | LYNEHAM                       | U KINGDOM           |
| 40022 | C  | LATTAKIA                     | SYRIAN ARAB REP    | 64452 | C  | M'POUYA                       | CONGO               |
| 94865 | C  | LAVERTON RAAF                | AUSTRALIA          | 60467 | C  | M'SILA                        | ALGERIA             |
| 13577 | C  | LAZAROPOLE                   | MACEDONIA          | 40310 | C  | MA'AN                         | JORDAN              |
| 07471 | C  | LE PUY                       | FRANCE             | 44294 | C  | MAANTI                        | MONGOLIA            |
| 94302 | C  | LEARMONTH AIRPORT            | AUSTRALIA          | 43185 | C  | MACHILIPATNAM/FRANCHPET       | INDIA               |
| 12120 | C  | LEBA                         | POLAND             | 72641 | C  | MADISON/DANE COUNTY REGIONAL  | USA                 |
| 03257 | C  | LEEMING                      | U KINGDOM          | 47624 | C  | MAEBASHI                      | JAPAN               |
| 98444 | C  | LEGASPI                      | PHILIPPINES        | 40265 | C  | MAFRAQ                        | JORDAN              |
| 10449 | C  | LEINEFELDE                   | GERMANY            | 10361 | C  | MAGDEBURG                     | GERMANY             |
| 36208 | C  | LENINOGORSK                  | KAZAKHSTAN         | 37472 | C  | MAHACHKALA                    | RUSSIAN FEDERATION  |
| 08055 | C  | LEON/VIRGEN DEL CAMINO       | SPAIN              | 47750 | C  | MAIZURU                       | JAPAN               |
| 03005 | C  | LERWICK                      | U KINGDOM          | 91376 | C  | MAJURO/MARSHALL IS. INTNL.    | USA                 |
| 80398 | C  | LETICIA/VASQUEZ COBO         | COLOMBIA           | 28666 | C  | MAKUSINO                      | RUSSIAN FEDERATION  |
| 28064 | C  | LEUSI                        | RUSSIAN FEDERATION | 03980 | C  | MALIN HEAD                    | IRELAND             |
| 72422 | C  | LEXINGTON/BLUE GRASS, KY.    | USA                | 30252 | C  | MAMAKAN                       | RUSSIAN FEDERATION  |
| 55591 | C  | LHASA                        | CHINA              | 44341 | C  | MANDALGOBI                    | MONGOLIA            |
| 11603 | C  | LIBEREC                      | CZECH REP          | 67341 | C  | MAPUTO/MAVALANE               | MOZAMBIQUE          |
| 10591 | C  | LICHTENHAIN-MITTELNDORF      | GERMANY            | 80413 | C  | MARACAY - B.A. SUCRE          | VENEZUELA           |
| 26406 | C  | LIEPAJA                      | LATVIA             | 40745 | C  | MASHHAD                       | IRAN, ISLAMIC REP   |
| 91165 | C  | LIHUE, KAUAI, HAWAII         | USA                | 44314 | C  | MATAD                         | MONGOLIA            |
| 07015 | C  | LILLE                        | FRANCE             | 89564 | C  | MAWSON                        | AUSTRALIA           |
| 07434 | C  | LIMOGES                      | FRANCE             | 70231 | C  | MCGRATH, AK                   | USA                 |
| 72551 | C  | LINCOLN/MUN., NE.            | USA                | 60549 | C  | MECHERIA                      | ALGERIA             |
| 08535 | C  | LISBOA/GEOF                  | PORTUGAL           | 60437 | C  | MEDEA                         | ALGERIA             |
| 72340 | C  | LITTLE ROCK/ADAMS FLD,       | USA                | 94430 | C  | MEEKATHARRA AIRPORT           | AUSTRALIA           |
| 33761 | C  | LIUBASHIVKA                  | UKRAINE            | 10548 | C  | MEININGEN                     | GERMANY             |
| 14015 | C  | LJUBLJANA/BEZIGRAD           | SLOVENIA           | 60150 | C  | MEKNES                        | MOROCCO             |
| 08084 | C  | LOGRONO/AGONCILLO            | SPAIN              | 94866 | C  | MELBOURNE AIRPORT             | AUSTRALIA           |
| 84270 | C  | LOJA/LA ARGELIA              | ECUADOR            | 97014 | CT | MENADO/ SAM RATULANGI         | INDONESIA           |
| 65387 | C  | LOME                         | TOGO               | 17340 | C  | MERSIN                        | TURKEY              |
| 83766 | C  | LONDRINA                     | BRAZIL             | 16420 | C  | MESSINA                       | ITALY               |
| 94995 | C  | LORD HOWE ISLAND AERO        | AUSTRALIA          | 16734 | C  | METHONI                       | GREECE              |

# STATION LIST RECENT DATA

|       |    |                              |                     |       |   |                              |                     |
|-------|----|------------------------------|---------------------|-------|---|------------------------------|---------------------|
| 76680 | C  | MEXICO (CENTRAL),            | MEXICO              | 08215 | C | NAVACERRADA                  | SPAIN               |
| 22471 | C  | MEZEN'                       | RUSSIAN FEDERATION  | 41749 | C | NAWABSHAH                    | PAKISTAN            |
| 72202 | C  | MIAMI, FL                    | USA                 | 37936 | C | NAXCIVAN                     | AZERBAIJAN          |
| 10648 | C  | MICHELSTADT-VIELBRUNN        | GERMANY             | 47909 | C | NAZE                         | JAPAN               |
| 60195 | C  | MIDELT                       | MOROCCO             | 64700 | C | NDJAMENA                     | CHAD                |
| 16080 | T  | MILANO/LINATE                | ITALY               | 80315 | C | NEIVA/BENITO SALAS           | COLOMBIA            |
| 47945 | C  | MINAMIDAITOJIMA              | JAPAN               | 31152 | C | NEL' KAN                     | RUSSIAN FEDERATION  |
| 89592 | C  | MIRNYJ                       | RUSSIA              | 47420 | C | NEMURO                       | JAPAN               |
| 72773 | C  | MISSOULA / JOHNSON-BELL FIEL | USA                 | 29752 | C | NENASTNAYA                   | RUSSIAN FEDERATION  |
| 47830 | C  | MIYAZAKI                     | JAPAN               | 30879 | C | NERCHINSKIJ ZAVOD            | RUSSIAN FEDERATION  |
| 68242 | C  | MMABATHO                     | SOUTH AFRICA        | 10557 | C | NEUHAUS A.R.                 | GERMANY             |
| 72223 | C  | MOBILE/BATES FIELD,          | USA                 | 42182 | C | NEW DELHI/SAFDARJUNG         | INDIA               |
| 26863 | C  | MOGILEV                      | BELARUS             | 61052 | C | NIAMEY-AERO                  | NIGER               |
| 47165 | C  | MOKPO                        | REP KOREA           | 07690 | C | NICE                         | FRANCE              |
| 72544 | C  | MOLINE/QUAD CITY,            | USA                 | 17250 | C | NIGDE                        | TURKEY              |
| 07560 | C  | MONT AIGOUAL                 | FRANCE              | 02942 | C | NIINISALO                    | FINLAND             |
| 71309 | C  | MOOSONEE RCS, ONT            | CANADA              | 31369 | C | NIKOLAEVSK-NA-AMURE          | RUSSIAN FEDERATION  |
| 61265 | C  | MOPTI                        | MALI                | 13388 | C | NIS                          | SERBIA AND MONTENEG |
| 76665 | C  | MORELIA, MICH.               | MEXICO              | 27459 | C | NIZHNIJ NOVGOROD             | RUSSIAN FEDERATION  |
| 14648 | C  | MOSTAR                       | BOSNIA AND HERZEGOV | 23724 | C | NJAKSIMVOL'                  | RUSSIAN FEDERATION  |
| 64402 | C  | MOUYONDZI                    | CONGO               | 41710 | C | NOKKUNDI                     | PAKISTAN            |
| 33036 | C  | MOZYR                        | BELARUS             | 70200 | C | NOME, AK                     | USA                 |
| 63971 | C  | MTWARA                       | U REP TANZANIA      | 10113 | C | NORDERNEY                    | GERMANY             |
| 10315 | C  | MUENSTER/OSNABRUECK          | GERMANY             | 61415 | C | NOUADHIBOU                   | MAURITANIA          |
| 17292 | C  | MUGLA                        | TURKEY              | 23242 | C | NOVYJ PORT                   | RUSSIAN FEDERATION  |
| 42147 | C  | MUKTESHWAR KUMAON            | INDIA               | 94750 | C | NOWRA RAN AIR STATION AWS    | AUSTRALIA           |
| 41675 | C  | MULTAN                       | PAKISTAN            | 10506 | C | NUERBURG-BARWEILER           | GERMANY             |
| 08430 | CT | MURCIA                       | SPAIN               | 94681 | C | NURIOOTPA VITICULTURAL       | AUSTRALIA           |
| 72636 | C  | MUSKEGON/COUNTY, MI.         | USA                 | 04250 | C | NUUK (GODTHAAB)              | GREENLAND           |
| 63756 | C  | MWANZA                       | U REP TANZANIA      | 43473 | C | NUWARA ELIYA                 | SRI LANKA           |
| 25062 | C  | MYS BILLINGS                 | RUSSIAN FEDERATION  | 91212 | C | NWSO AGANA, GUAM, MARIANA IS | USA KA              |
| 61049 | C  | N'GUIGMI                     | NIGER               | 10948 | C | OBERSTDORF                   | GERMANY             |
| 60557 | C  | NAAMA                        | ALGERIA             | 33837 | C | ODESA                        | UKRAINE             |
| 23445 | C  | NADYM                        | RUSSIAN FEDERATION  | 10742 | C | OEHRINGEN                    | GERMANY             |
| 42867 | C  | NAGPUR SONEGAON              | INDIA               | 31088 | C | OHOTSK                       | RUSSIAN FEDERATION  |
| 47936 | C  | NAHA                         | JAPAN               | 47815 | C | OITA                         | JAPAN               |
| 41128 | C  | NAJLAN                       | SAUDI ARABIA        | 24688 | C | OJMJAKON                     | RUSSIAN FEDERATION  |
| 24713 | C  | NAKANNO                      | RUSSIAN FEDERATION  | 72353 | C | OKLAHOMA CITY/W. ROGERS WORL | USA                 |
| 38611 | C  | NAMANGAN                     | UZBEKISTAN          | 23734 | C | OKTJABR'SKOE                 | RUSSIAN FEDERATION  |
| 07181 | C  | NANCY-OCHEY                  | FRANCE              | 10215 | C | OLDENBURG                    | GERMANY             |
| 23205 | C  | NAR'JAN-MAR                  | RUSSIAN FEDERATION  | 24125 | C | OLENEK                       | RUSSIAN FEDERATION  |
| 72327 | C  | NASHVILLE/METROPOLITAN, TN.  | USA                 | 72792 | C | OLYMPIA, WA.                 | USA                 |
| 82598 | C  | NATAL                        | BRAZIL              | 47655 | C | OMAEZAKI                     | JAPAN               |
| 91683 | C  | NAUSORI                      | FIJI                | 44215 | C | OMNO-GOBI                    | MONGOLIA            |

# STATION LIST RECENT DATA

|       |    |                             |                     |       |   |                              |                     |
|-------|----|-----------------------------|---------------------|-------|---|------------------------------|---------------------|
| 25428 | C  | OMOLON                      | RUSSIAN FEDERATION  | 82983 | C | PETROLINA                    | BRAZIL              |
| 28698 | C  | OMSK                        | RUSSIAN FEDERATION  | 48378 | C | PHITSANULOK                  | THAILAND            |
| 01212 | C  | ONA II                      | NORWAY              | 72278 | C | PHOENIX/SKY HARBOR,          | USA                 |
| 22641 | C  | ONEGA                       | RUSSIAN FEDERATION  | 16052 | C | PIAN ROSA                    | ITALY               |
| 91699 | C  | ONO-I-LAU AWS               | FIJI                | 84140 | C | PICHILINGUE                  | ECUADOR             |
| 94476 | C  | OODNADATTA AIRPORT          | AUSTRALIA           | 76243 | C | PIEDRAS NEGRAS, COAH.        | MEXICO              |
| 60461 | C  | ORAN-PORT                   | ALGERIA             | 86255 | C | PILAR                        | PARAGUAY            |
| 08048 | C  | ORENSE                      | SPAIN               | 33019 | C | PINSK                        | BELARUS             |
| 76737 | C  | ORIZABA, VER.               | MEXICO              | 16158 | C | PISA/S. GIUSTO               | ITALY               |
| 01241 | CT | ORLAND III                  | NORWAY              | 72520 | C | PITTSBURGH/GREATER PITTSBURG | USA                 |
| 40712 | C  | ORUMIEH                     | IRAN, ISLAMIC REP   | 84401 | C | PIURA                        | PERU                |
| 47772 | C  | OSAKA                       | JAPAN               | 61990 | C | PLAISANCE (MAURITIUS)        | MAURITIUS           |
| 10480 | C  | OSCHATZ                     | GERMANY             | 07117 | C | PLOUMANAC'H PERROS GUIREC    | FRANCE              |
| 47675 | C  | OSHIMA                      | JAPAN               | 65518 | C | PO                           | BURKINA FASO        |
| 01384 | C  | OSLO/GARDERMOEN             | NORWAY              | 72578 | C | POCATELLO/MUN., ID.          | USA                 |
| 85782 | C  | OSORNO                      | CHILE               | 13463 | C | PODGORICA-GRAD               | SERBIA AND MONTENEG |
| 02226 | C  | OSTERSUND FROSON            | SWEDEN              | 32027 | C | POGIBI                       | RUSSIAN FEDERATION  |
| 60580 | C  | OUARGLA                     | ALGERIA             | 47138 | C | POHANG                       | REP KOREA           |
| 64458 | C  | OUESSO                      | CONGO               | 07207 | C | POINTE DU TALUT              | FRANCE              |
| 60115 | C  | OIJDA                       | MOROCCO             | 20046 | C | POLARGMO IM. E.T. KRENKELJA  | RUSSIAN FEDERATION  |
| 60421 | C  | OUM EL BOUAGHI              | ALGERIA             | 08053 | C | PONFERRADA                   | SPAIN               |
| 08015 | C  | OVIEDO                      | SPAIN               | 11934 | C | POPRAD/TATRY                 | SLOVAKIA            |
| 22619 | C  | PADANY                      | RUSSIAN FEDERATION  | 27675 | C | PORETSKOE                    | RUSSIAN FEDERATION  |
| 16022 | C  | PAGANELLA                   | ITALY               | 87178 | C | POSADAS AERO.                | ARGENTINA           |
| 48955 | C  | PAKSE                       | LAO PDR             | 10379 | C | POTSDAM                      | GERMANY             |
| 08301 | C  | PALMA DE MALLORCA           | SPAIN               | 83358 | C | POXOREO (POXOREU)            | BRAZIL              |
| 08085 | C  | PAMPLONA/NOAIN              | SPAIN               | 12330 | C | POZNAN                       | POLAND              |
| 41739 | C  | PANJGUR                     | PAKISTAN            | 11520 | C | PRAHA-LIBUS                  | CZECH REP           |
| 41560 | C  | PARACHINAR                  | PAKISTAN            | 31989 | C | PREOBRAZHENIE                | RUSSIAN FEDERATION  |
| 37432 | C  | PASANAURI                   | GEORGIA             | 11659 | C | PRIBYSLAV                    | CZECH REP           |
| 82791 | C  | PATOS                       | BRAZIL              | 72507 | C | PROVIDENCE/GREEN STATE, RI.  | USA                 |
| 71984 | C  | PAULATUK, NWT               | CANADA              | 84515 | C | PUCALLPA                     | PERU                |
| 27823 | C  | PAVELETS                    | RUSSIAN FEDERATION  | 29313 | C | PUDINO                       | RUSSIAN FEDERATION  |
| 06610 | C  | PAYERNE                     | SWITZERLAND & LIECH | 76685 | C | PUEBLA, PUE.                 | MEXICO              |
| 71434 | C  | PEAWANUCK (AUT), ONT        | CANADA              | 43063 | C | PUNE                         | INDIA               |
| 12942 | C  | PECS/POGANY                 | HUNGARY             | 26359 | C | PUSKINSKIE GORY              | RUSSIAN FEDERATION  |
| 86097 | C  | PEDRO JUAN CABALLERO        | PARAGUAY            | 43424 | C | PUTTALAM                     | SRI LANKA           |
| 87544 | C  | PEHUAJO AERO                | ARGENTINA           | 84179 | C | PUYO                         | ECUADOR             |
| 96109 | C  | PEKAN BARU/SIMPANGTIGA      | INDONESIA           | 56137 | C | QAMDO                        | CHINA               |
| 67215 | C  | PEMBA                       | MOZAMBIQUE          | 54857 | C | QINGDAO                      | CHINA               |
| 48601 | C  | PENANG/BAYAN LEPAS          | MALAYSIA            | 50745 | C | QIQIHAR                      | CHINA               |
| 72532 | C  | PEORIA/GREATER PEORIA MUN., | USA                 | 41660 | C | QUETTA AIRPORT               | PAKISTAN            |
| 28224 | C  | PERM'                       | RUSSIAN FEDERATION  | 80144 | C | QUIBDO/EL CARANO             | COLOMBIA            |
| 41530 | C  | PESHAWAR                    | PAKISTAN            | 60135 | C | RABAT-SALE                   | MOROCCO             |

# STATION LIST RECENT DATA

|       |    |                              |                     |       |   |                              |                     |
|-------|----|------------------------------|---------------------|-------|---|------------------------------|---------------------|
| 40362 | C  | RAFHA                        | SAUDI ARABIA        | 82106 | C | SAO GABRIEL DA CACHOEIRA     | BRAZIL              |
| 72306 | C  | RALEIGH/RALEIGH-DURHAM, NC.  | USA                 | 47412 | C | SAPPORO                      | JAPAN               |
| 67152 | C  | RANOHIRA                     | MADAGASCAR          | 14654 | C | SARAJEVO-BJELAVE             | BOSNIA AND HERZEGOV |
| 93994 | C  | RAOUL ISLAND, KERMADEC IS. A | N ZEALAND           | 21802 | C | SASKYLAH                     | RUSSIAN FEDERATION  |
| 72662 | C  | RAPID CITY/REGIONAL AIRPORT, | USA                 | 97900 | C | SAUMLAKI/OLILIT              | INDONESIA           |
| 91843 | C  | RAROTONGA                    | COOK ISLANDS        | 48947 | C | SAVANNAKHET                  | LAO PDR             |
| 95670 | C  | RAYVILLE PARK                | AUSTRALIA           | 48938 | C | SAYABOURY                    | LAO PDR             |
| 82900 | C  | RECIFE                       | BRAZIL              | 10035 | C | SCHLESWIG                    | GERMANY             |
| 10776 | C  | REGENSBURG                   | GERMANY             | 98430 | C | SCIENCE GARDEN               | PHILIPPINES         |
| 07070 | C  | REIMS                        | FRANCE              | 72793 | C | SEATTLE/S.-TACOMA,           | USA                 |
| 07130 | C  | RENNES                       | FRANCE              | 10261 | C | SEEHAUSEN                    | GERMANY             |
| 71018 | C  | RESOLUTE CS, NU              | CANADA              | 24661 | C | SEGEN-KYUEL'                 | RUSSIAN FEDERATION  |
| 08175 | C  | REUS/AEROPUERTO              | SPAIN               | 32509 | C | SEMYACHIK                    | RUSSIAN FEDERATION  |
| 85140 | C  | REYES                        | BOLIVIA             | 47590 | C | SENDAI                       | JAPAN               |
| 85043 | C  | RIBERALTA                    | BOLIVIA             | 47108 | C | SEOUL                        | REP KOREA           |
| 94340 | C  | RICHMOND POST OFFICE         | AUSTRALIA           | 71279 | C | SEPT-ILES, QUE               | CANADA              |
| 91948 | C  | RIKITEA                      | FRENCH POLY.        | 61976 | C | SERGE-FROLOW (ILE TROMELIN)  | OCEAN ISLANDS       |
| 44203 | C  | RINCHINHUMBE                 | MONGOLIA            | 60445 | C | SETIF                        | ALGERIA             |
| 82915 | C  | RIO BRANCO                   | BRAZIL              | 08391 | C | SEVILLA/SAN PABLO            | SPAIN               |
| 33301 | C  | RIVNE                        | UKRAINE             | 63980 | C | SEYCHELLES INTERNATIONAL AIR | SEYCHELLES          |
| 17040 | C  | RIZE                         | TURKEY              | 37126 | C | SHADZHATMAZ                  | RUSSIAN FEDERATION  |
| 72411 | C  | ROANOKE/MUN., VA.            | USA                 | 22768 | C | SHENKURSK                    | RUSSIAN FEDERATION  |
| 71490 | C  | ROBERTSON LAKE (AUT), NU     | CANADA              | 40848 | C | SHIRAZ                       | IRAN, ISLAMIC REP   |
| 81405 | CT | ROCHAMBEAU                   | FRENCH GUIANA       | 72248 | C | SHREVEPORT/REG., LA.         | USA                 |
| 61988 | C  | RODRIGUES                    | MAURITIUS           | 38328 | C | SHYMKENT                     | KAZAKHSTAN          |
| 06190 | C  | ROENNE                       | DENMARK AND FAROE I | 26524 | C | SIAULIAI                     | LITHUANIA           |
| 30650 | C  | ROMANOVKA                    | RUSSIAN FEDERATION  | 15260 | C | SIBIU                        | ROMANIA             |
| 87480 | C  | ROSARIO AERO                 | ARGENTINA           | 60520 | C | SIDI-BEL-ABBES               | ALGERIA             |
| 89062 | C  | ROTHERA                      | U KINGDOM           | 17210 | C | SIIRT                        | TURKEY              |
| 07037 | C  | ROUEN                        | FRANCE              | 61297 | C | SIKASSO                      | MALI                |
| 51777 | C  | RUOQIANG                     | CHINA               | 42619 | C | SILCHAR                      | INDIA               |
| 85141 | C  | RURRENABAQUE                 | BOLIVIA             | 33946 | C | SIMFEROPOL'                  | UKRAINE             |
| 28966 | C  | RUZAEVKA                     | KAZAKHSTAN          | 48698 | C | SINGAPORE/CHANGI AIRPORT     | SINGAPORE           |
| 16008 | C  | S. VALENTINO ALLA MUTA       | ITALY               | 72557 | C | SIOUX CITY/MUN., IA.         | USA                 |
| 10708 | C  | SAARBRUECKEN/ENSHEIM         | GERMANY             | 17090 | C | SIVAS                        | TURKEY              |
| 71600 | C  | SABLE ISLAND, NS             | CANADA              | 62417 | C | SIWA                         | EGYPT               |
| 71467 | C  | SACHS HARBOUR CLIMATE, NWT   | CANADA              | 60355 | C | SKIKDA                       | ALGERIA             |
| 28552 | C  | SADRINSK                     | RUSSIAN FEDERATION  | 71069 | C | SLAVE LAKE A, ALTA           | CANADA              |
| 06680 | C  | SAENTIS                      | SWITZERLAND & LIECH | 11903 | C | SLIAC                        | SLOVAKIA            |
| 42671 | C  | SAGAR                        | INDIA               | 26951 | C | SLUTSK                       | BELARUS             |
| 60536 | C  | SAIDA                        | ALGERIA             | 26781 | C | SMOLENSK                     | RUSSIAN FEDERATION  |
| 08202 | C  | SALAMANCA/MATACAN            | SPAIN               | 76845 | C | SN. CRISTOBAL LAS CASAS, CHI | MEXICO              |
| 16723 | C  | SAMOS (AIRPORT)              | GREECE              | 32477 | C | SOBOLEVO                     | RUSSIAN FEDERATION  |
| 08023 | CT | SANTANDER                    | SPAIN               | 02836 | C | SODANKYLA                    | FINLAND             |

# STATION LIST RECENT DATA

|       |    |                         |                    |       |    |                        |                    |
|-------|----|-------------------------|--------------------|-------|----|------------------------|--------------------|
| 15614 | C  | SOFIA (OBSERV.)         | BULGARIA           | 76903 | C  | TAPACHULA, CHIS        | MEXICO             |
| 65361 | C  | SOKODE                  | TOGO               | 07621 | C  | TARBES-OSSUN           | FRANCE             |
| 63962 | C  | SONGEA                  | U REP TANZANIA     | 04360 | C  | TASIILAQ (AMMASSALIK)  | GREENLAND          |
| 08148 | C  | SORIA                   | SPAIN              | 96481 | C  | TAWAU                  | MALAYSIA           |
| 16746 | C  | SOU DA (AIRPORT)        | GREECE             | 23256 | C  | TAZOVSKOE              | RUSSIAN FEDERATION |
| 31770 | C  | SOVETSKAYA GAVAN'       | RUSSIAN FEDERATION | 37545 | C  | TBILISI                | GEORGIA            |
| 14445 | C  | SPLIT/MARJAN            | CROATIA            | 60475 | C  | TEBESSA                | ALGERIA            |
| 72785 | C  | SPOKANE/INT., WA.       | USA                | 24967 | C  | TEGYULTYA              | RUSSIAN FEDERATION |
| 68512 | C  | SPRINGBOK               | SOUTH AFRICA       | 40754 | C  | TEHRAN-MEHRABAD        | IRAN, ISLAMIC REP  |
| 25206 | C  | SREDNE-KOLYMSK          | RUSSIAN FEDERATION | 35426 | C  | TEMIR                  | KAZAKHSTAN         |
| 42027 | C  | SRINAGAR                | INDIA              | 56739 | C  | TENGCHONG              | CHINA              |
| 10028 | C  | ST PETER-ORDING         | GERMANY            | 76373 | C  | TEPEHUANES, DGO.       | MEXICO             |
| 61901 | C  | ST. HELENA IS.          | OCEAN ISLANDS      | 82578 | C  | TERESINA               | BRAZIL             |
| 01415 | CT | STAVANGER/SOLA          | NORWAY             | 61202 | C  | TESSALIT               | MALI               |
| 71017 | C  | STEFANSSON ISLAND, NU   | CANADA             | 94570 | C  | TEWANTIN RSL PARK      | AUSTRALIA          |
| 80475 | C  | STO. DOMINGO            | VENEZUELA          | 48946 | C  | THAKHEK                | LAO PDR            |
| 07190 | C  | STRASBOURG-ENTZHEIM     | FRANCE             | 71695 | C  | THE PAS CLIMATE, MAN   | CANADA             |
| 10738 | C  | STUTTGART-ECHTERDINGEN  | GERMANY            | 43371 | C  | THIRUVANANTHAPURAM     | INDIA              |
| 15023 | C  | SUCEAVA                 | ROMANIA            | 71079 | C  | THOMPSON               | CANADA             |
| 24136 | C  | SUHANA                  | RUSSIAN FEDERATION | 41314 | C  | THUMRAIT               | OMAN               |
| 15360 | C  | SULINA                  | ROMANIA            | 60511 | C  | TIARET                 | ALGERIA            |
| 33275 | C  | SUMY                    | UKRAINE            | 94485 | C  | TIBOOBURRA POST OFFICE | AUSTRALIA          |
| 24738 | C  | SUNTAR                  | RUSSIAN FEDERATION | 61450 | C  | TIDJIKJA               | MAURITANIA         |
| 41268 | C  | SUR                     | OMAN               | 61036 | C  | TILLABERY              | NIGER              |
| 24790 | C  | SUSUMAN                 | RUSSIAN FEDERATION | 02366 | C  | TIMRA/MIDLANDA         | SWEDEN             |
| 47421 | C  | SUTTSU                  | JAPAN              | 94131 | C  | TINDAL RAAF            | AUSTRALIA          |
| 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             |
| 89532 | C  | SYOWA                   | JAPAN              | 60531 | C  | TLEMCEN-ZENATA         | ALGERIA            |
| 72519 | C  | SYRACUSE/HANCOCK,       | USA                | 67095 | C  | TOAMASINA              | MADAGASCAR         |
| 12205 | C  | SZCZECIN                | POLAND             | 28275 | C  | TOBOL'SK               | RUSSIAN FEDERATION |
| 12982 | CT | SZEGED                  | HUNGARY            | 31137 | C  | TOKO                   | RUSSIAN FEDERATION |
| 40375 | CT | TABUK                   | SAUDI ARABIA       | 08272 | C  | TOLEDO                 | SPAIN              |
| 84782 | C  | TACNA                   | PERU               | 24671 | C  | TOMPO                  | RUSSIAN FEDERATION |
| 34720 | C  | TAGANROG                | RUSSIAN FEDERATION | 01465 | C  | TORUNGEN FYR           | NORWAY             |
| 61043 | C  | TAHOUA                  | NIGER              | 44225 | C  | TOSONTSENGEL           | MONGOLIA           |
| 35406 | C  | TAIPAK                  | KAZAKHSTAN         | 27051 | C  | TOT'MA                 | RUSSIAN FEDERATION |
| 25932 | C  | TAJGONOS                | RUSSIAN FEDERATION | 07240 | C  | TOURS                  | FRANCE             |
| 47891 | C  | TAKAMATSU               | JAPAN              | 94294 | C  | TOWNSVILLE AERO        | AUSTRALIA          |
| 70251 | C  | TALKEETNA               | USA                | 16429 | CT | TRAPANI BIRGI          | ITALY              |
| 60680 | CT | TAMANRASSET             | ALGERIA            | 87688 | C  | TRES ARROYOS           | ARGENTINA          |
| 60101 | C  | TANGER (AERODROME)      | MOROCCO            | 10609 | C  | TRIER-PETRISBERG       | GERMANY            |
| 67197 | C  | TAOLAGNARO              | MADAGASCAR         | 01025 | C  | TROMSO/LANGNES         | NORWAY             |

# STATION LIST RECENT DATA

|       |    |                             |                    |       |    |                              |                    |
|-------|----|-----------------------------|--------------------|-------|----|------------------------------|--------------------|
| 26997 | C  | TRUBCHEVSK                  | RUSSIAN FEDERATION | 02590 | C  | VISBY                        | SWEDEN             |
| 44282 | C  | TSETSERLEG                  | MONGOLIA           | 26666 | C  | VITEBSK                      | BELARUS            |
| 44347 | C  | TSOGT-OVOO                  | MONGOLIA           | 31960 | C  | VLADIVOSTOK                  | RUSSIAN FEDERATION |
| 91954 | C  | TUBUAI                      | FRENCH POLY.       | 06310 | C  | VLISSINGEN                   | NETHERLANDS        |
| 72274 | C  | TUCSON/INT., AZ.            | USA                | 20982 | C  | VOLOCHANKA                   | RUSSIAN FEDERATION |
| 98233 | C  | TUGUEGARAO                  | PHILIPPINES        | 34123 | C  | VORONEZ                      | RUSSIAN FEDERATION |
| 76634 | C  | TULANCINGO, HGO.            | MEXICO             | 89606 | C  | VOSTOK                       | RUSSIA             |
| 80453 | C  | TUMEREMO                    | VENEZUELA          | 33777 | C  | VOZNESENS'K                  | UKRAINE            |
| 60715 | C  | TUNIS-CARTHAGE              | TUNISIA            | 22837 | C  | VYTEGRA                      | RUSSIAN FEDERATION |
| 24507 | C  | TURA                        | RUSSIAN FEDERATION | 72256 | C  | WACO, MADISON-COOPER,        | USA                |
| 76640 | C  | TUXPAN.VER.                 | MEXICO             | 03377 | C  | WADDINGTON                   | U KINGDOM          |
| 16044 | T  | UDINE/CAMPOFORMIDO          | ITALY              | 71049 | C  | WAGER BAY (AUT), MAN         | CANADA             |
| 48354 | C  | UDON THANI                  | THAILAND           | 97340 | C  | WAINGAPU/MAU HAU             | INDONESIA          |
| 91652 | C  | UDU POINT AWS               | FIJI               | 47600 | C  | WAJIMA                       | JAPAN              |
| 28722 | C  | UFA-DIOMA                   | RUSSIAN FEDERATION | 47401 | C  | WAKKANAI                     | JAPAN              |
| 35416 | C  | UIL                         | KAZAKHSTAN         | 97686 | C  | WAMENA                       | INDONESIA          |
| 97180 | CT | UJUNG PANDANG/HASANUDDIN    | INDONESIA          | 12375 | C  | WARSZAWA-OKECIE              | POLAND             |
| 44212 | C  | ULAANGOM                    | MONGOLIA           | 10544 | C  | WASSERKUPPE                  | GERMANY            |
| 44214 | C  | ULGI                        | MONGOLIA           | 71199 | C  | WATSON LAKE (AUT), YT        | CANADA             |
| 44272 | C  | ULIASTAI                    | MONGOLIA           | 10688 | C  | WEIDEN                       | GERMANY            |
| 47115 | C  | ULLEUNGDO                   | REP KOREA          | 10980 | C  | WENDELSTEIN                  | GERMANY            |
| 10838 | C  | ULM                         | GERMANY            | 10055 | C  | WESTERMARKELSDORF            | GERMANY            |
| 33587 | C  | UMAN'                       | UKRAINE            | 71964 | C  | WHITEHORSE A, YT             | CANADA             |
| 44304 | C  | UNDERKHAAN                  | MONGOLIA           | 72351 | C  | WICHITA FALLS/SHEPS AFB/WICH | USA                |
| 68424 | C  | UPINGTON                    | SOUTH AFRICA       | 11035 | C  | WIEN/HOHE WARTE              | AUSTRIA            |
| 35108 | C  | URALSK                      | KAZAKHSTAN         | 72513 | C  | WILKES-BARRE-SCRANTON, PA.   | USA                |
| 38396 | C  | URGENCH                     | UZBEKISTAN         | 72583 | C  | WINNEMUCCA/MUN., NV.         | USA                |
| 17188 | C  | USAK                        | TURKEY             | 10474 | C  | WITTENBERG                   | GERMANY            |
| 87938 | C  | USHUAIA AERO                | ARGENTINA          | 12497 | C  | WLODAWA                      | POLAND             |
| 32287 | C  | UST'- HAJRJUZOVO            | RUSSIAN FEDERATION | 94659 | C  | WOOMERA AERODROME            | AUSTRALIA          |
| 01403 | C  | UTSIRA FYR                  | NORWAY             | 12424 | C  | WROCLAW II                   | POLAND             |
| 33631 | C  | UZHGOROD                    | UKRAINE            | 51463 | CT | WU LU MU QI                  | CHINA              |
| 80472 | C  | VALENCIA                    | VENEZUELA          | 10655 | C  | WUERZBURG                    | GERMANY            |
| 17170 | C  | VAN                         | TURKEY             | 56571 | C  | XICHANG                      | CHINA              |
| 01098 | C  | VARDO                       | NORWAY             | 85365 | C  | YACUIBA                      | BOLIVIA            |
| 33038 | C  | VASILEVICH                  | BELARUS            | 36064 | C  | YAJLJU                       | RUSSIAN FEDERATION |
| 42909 | C  | VERAVAL                     | INDIA              | 70361 | C  | YAKUTAT, AK                  | USA                |
| 72255 | C  | VICTORIA/VICTORIA REGIONAL, | USA                | 94589 | C  | YAMBA PILOT STATION          | AUSTRALIA          |
| 15502 | C  | VIDIN                       | BULGARIA           | 23463 | C  | YANOV-STAN                   | RUSSIAN FEDERATION |
| 48940 | C  | VIENTIANE                   | LAO PDR            | 91413 | C  | YAP, CAROLINE IS.            | USA FEDERATION     |
| 08045 | C  | VIGO/PEINADOR               | SPAIN              | 34866 | C  | YASHKUL'                     | RUSSIAN FEDERATION |
| 11212 | C  | VILLACHERALPE               | AUSTRIA            | 40439 | C  | YENBO                        | SAUDI ARABIA       |
| 33562 | C  | VINNYTSIA                   | UKRAINE            | 47168 | C  | YEOSU                        | REP KOREA          |
| 85244 | C  | VIRU-VIRU                   | BOLIVIA            | 37789 | C  | YEREVAN/YEREVAN-ARABKIR      | ARMENIA            |

# STATION LIST RECENT DATA

|       |   |                      |                     |
|-------|---|----------------------|---------------------|
| 57461 | C | YICHANG              | CHINA               |
| 51431 | C | YINING               | CHINA               |
| 65167 | C | YOLA                 | NIGERIA             |
| 72525 | C | YOUNGSTOWN, OH.      | USA                 |
| 14236 | C | ZAGREB/GRIC          | CROATIA             |
| 08130 | C | ZAMORA               | SPAIN               |
| 08160 | C | ZARAGOZA/AEROPUERTO  | SPAIN               |
| 34398 | C | ZHALPAKTAL           | KAZAKHSTAN          |
| 35671 | C | ZHEZKAZGAN           | KAZAKHSTAN          |
| 30521 | C | ZHIGALOVO            | RUSSIAN FEDERATION  |
| 41620 | C | ZHOB                 | PAKISTAN            |
| 61695 | C | ZIGUINCHOR           | SENEGAL             |
| 10582 | C | ZINNWALD-GEORGENFELD | GERMANY             |
| 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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