

APRIL 1995

VOL. 48 NO. 4



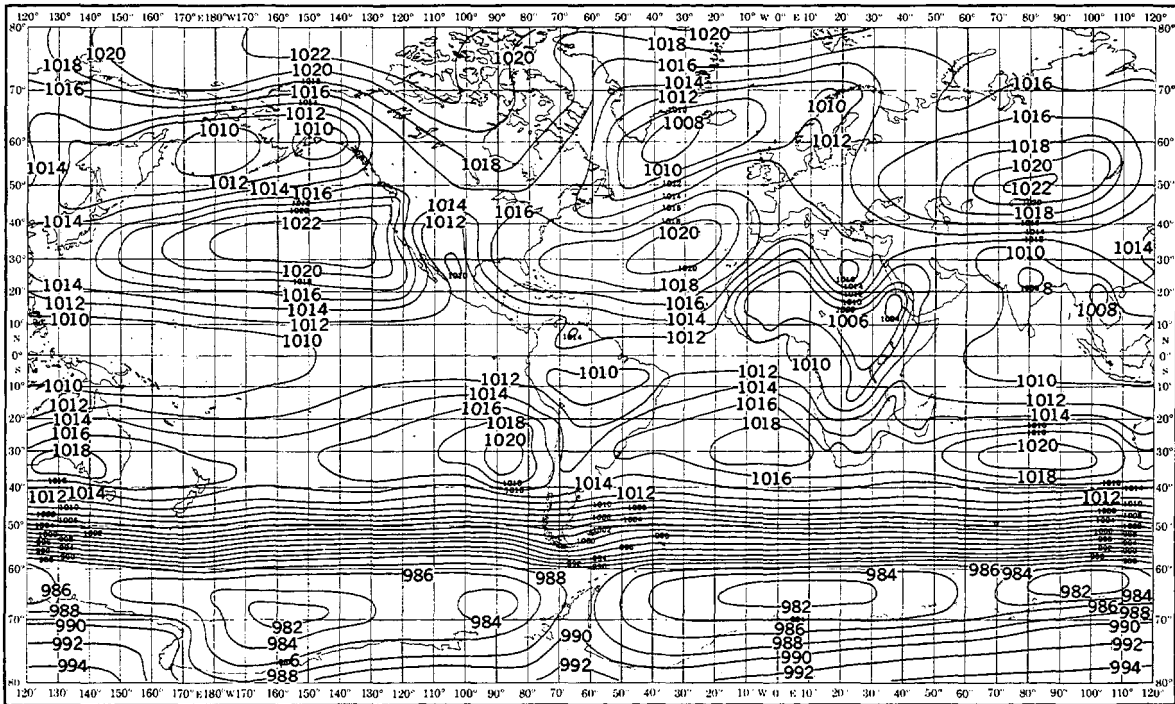
ISSN 0027-0296

# MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

APRIL

SEA LEVEL PRESSURE (MBS) - MEANS



## 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). 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.

## 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 1951 - 1980 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 1951 - 1980 reference period.

**% OF AV.:** Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1931-60.

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

**NATIONAL CLIMATIC DATA CENTER  
151 PATTON AVENUE, ROOM 120  
ASHEVILLE, NORTH CAROLINA, USA 28801-5001**

# SURFACE

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| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL |
|                                    | °        | °         | m         |           | mb           | mb             | ° c         | ° c    | mb             | mb     |               | mm    | mm     | hr       |       |
| <b>EUROPE</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| <b>NORWAY</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 01001 JAN MAYEN                    | 7056N    | 00840W    | 9         |           | 1014.4       | 1015.6         | -3.2        | .6     | 3.8            | .2     | 11            | 33    | -11    | 3        |       |
| 01008 SVALBARD LUFTHAVN            | 7815N    | 01528E    | 29        |           | 1007.9       | 1011.6         | -6.8        |        | 2.6            |        | 2             | 8     |        | 2        |       |
| 01025 TROMSO/LANGNES               | 6941N    | 01855E    | 10        |           | 1008.5       | 1009.7         | .7          | -1.1   | 4.6            | .0     | 7             | 32    | -30    | 1        |       |
| 01028 BJORNØYA                     | 7431N    | 01901E    | 14        |           | 1007.6       | 1009.6         | -3.9        | 1.5    | 4.2            | .6     | 7             | 20    | 1      | 4        |       |
| 01098 VARDØ                        | 7022N    | 03106E    | 15        |           | 1008.2       | 1010.0         | -1.1        | 1.0    | 5.1            | .5     | 14            | 68    | 41     | 6        |       |
| 01152 BODØ VI                      | 6716N    | 01422E    | 13        |           | 1008.6       | 1010.2         | 1.3         | -0.9   | 4.8            | -0.3   | 13            | 84    | 31     | 5        |       |
| 01241 ORLAND III                   | 6342N    | 00936E    | 7         |           | 1010.4       | 1011.5         | 2.4         | -1.7   | 5.8            | -0.6   | 20            | 100   | 40     | 5        |       |
| 01317 BERGEN/FLORIDA               | 6023N    | 00520E    | 36        |           | 1008.8       | 1013.2         | 5.1         |        | 7.0            |        | 21            | 172   |        | 5        |       |
| 01384 OSLO/GARDERMOEN              | 6012N    | 01105E    | 204       |           | 986.9        | 1012.0         | 2.0         | -0.7   | 4.9            | -0.3   | 11            | 53    | 4      | 4        |       |
| 01415 STAVANGER/SOLA               | 3853N    | 00538E    | 14        |           | 1013.1       | 1014.1         | 5.6         | .2     | 7.4            | .9     | 13            | 64    | 14     | 5        |       |
| <b>SWEDEN</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 02080 KARESUANDO                   | 6827N    | 02230E    | 327       |           | 970.4        | 1011.0         | -4.2        | -0.2   | 3.3            | -0.5   | 5             | 24    | 2      | 3        | 247   |
| 02128 GUNNARN                      | 6458N    | 01742E    | 281       |           | 976.8        | 1011.8         | -0.6        |        | 4.1            |        | 9             | 42    |        | 4        |       |
| 02196 HAPARANDA                    | 6550N    | 02409E    | 6         |           | 1010.6       | 1011.4         | -0.5        | .5     | 4.7            | .2     | 7             | 41    | 11     | 4        | 200   |
| 02226 ØSTERSUND/FROSON             | 6311N    | 01430E    | 370       |           | 965.9        | 1011.9         | -0.2        | -1.4   | 4.0            | -0.9   | 9             | 36    | 5      | 4        | 147   |
| 02366 SUNDSVALL-HARNOSAND FLYGPLAT | 6232N    | 01727E    | 10        |           | 1011.1       | 1011.6         | 1.6         |        | 5.0            |        | 9             | 66    |        | 5        |       |
| 02418 KARLSTAD FLYGPLATS           | 5922N    | 01328E    | 55        |           | 1005.7       | 1011.4         | 4.0         | .2     | 5.9            | .2     | 8             | 57    | 20     | 4        | 169   |
| 02512 GÖTEBORG/SAVE                | 5747N    | 01153E    | 53        |           | 1005.5       | 1012.1         | 5.5         | .0     | 6.8            | .2     | 9             | 48    | 7      | 3        | 183   |
| 02550 JONKÖPING FLYGPLATS          | 5746N    | 01405E    | 232       |           | 984.6        | 1012.3         | 3.4         | -0.7   | 6.1            | -0.1   | 9             | 57    | 23     | 5        | 100   |
| 02590 VISBY FLYGPLATS              | 5740N    | 01821E    | 47        |           | 1005.2       | 1011.4         | 4.1         | .3     | 6.4            | .1     | 7             | 62    | 32     | 5        | 222   |
| <b>FINLAND</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 02801 KILPISJARVI                  | 6903N    | 02047E    | 476       |           | 952.1        | 1011.5         | -5.3        |        | 3.5            |        | 6             | 15    |        | 3        |       |
| 02805 KEVO                         | 6945N    | 02702E    | 101       |           | 998.5        | 1011.2         | -3.9        |        | 3.7            |        | 7             | 24    |        | 4        |       |
| 02836 SODANKYLÄ                    | 6722N    | 02639E    | 179       |           | 989.2        | 1011.6         | -1.8        | .6     | 3.8            | .0     | 7             | 26    | 1      | 4        |       |
| 02869 KUUSAMO                      | 6558N    | 02911E    | 263       |           | 979.5        | 1012.3         | -1.3        | 1.2    | 4.1            |        | 6             | 15    | -17    | 1        |       |
| 02875 OULU                         | 6456N    | 02522E    | 15        |           | 1009.8       | 1011.7         | .9          | .8     | 4.4            |        | 5             | 15    | -7     | 3        |       |
| 02897 KAJAANI                      | 6417N    | 02741E    | 136       |           | 995.6        | 1012.1         | .4          | .6     | 4.5            | .0     | 8             | 16    | -11    | 2        |       |
| 02911 VAASA                        | 6303N    | 02146E    | 4         |           | 1009.8       | 1010.9         | 2.3         | .9     | 5.2            | .0     | 8             | 25    | -2     | 3        |       |
| 02929 JOENSUU                      | 6240N    | 02938E    | 117       |           | 997.9        | 1012.6         | 1.1         | .4     | 4.9            |        | 10            | 49    | 13     | 5        |       |
| 02935 JYVÄSKYLÄ                    | 6224N    | 02541E    | 145       |           | 993.8        | 1012.0         | 1.2         | .1     | 4.7            | -0.2   | 9             | 46    | 14     | 5        |       |
| 02942 NIINISALO                    | 6151N    | 02228E    | 136       |           | 994.6        | 1011.6         | 2.0         |        | 4.6            |        | 7             | 33    |        | 3        |       |
| 02958 LAPPEENRANTA                 | 6105N    | 02809E    | 106       |           | 998.6        | 1012.0         | 2.5         | .4     | 5.0            |        | 6             | 26    | -8     | 2        |       |
| 02963 JOKIOINEN                    | 6049N    | 02330E    | 103       |           | 998.6        | 1011.5         | 2.7         | .6     | 4.9            | -0.6   | 7             | 47    | 16     | 5        |       |
| 02972 TURKU                        | 6031N    | 02216E    | 59        |           | 1004.1       | 1011.5         | 3.6         | 1.0    | 5.4            | -0.2   | 11            | 44    | 8      | 4        |       |
| 02974 HELSINKI-VANTAA              | 6019N    | 02458E    | 56        |           | 1004.7       | 1011.7         | 3.4         | .8     | 5.6            | .1     | 6             | 29    | -12    | 2        |       |
| <b>UNITED KINGDOM</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 03005 LERWICK                      | 6008N    | 00111W    | 84        |           | 1005.5       | 1015.7         | 4.8         | -0.4   | 7.0            | -0.3   | 14            | 63    | -6     | 3        | 126   |
| 03026 STORNOWAY                    | 5813N    | 00619W    | 13        |           | 1016.8       | 1018.7         | 6.6         | -0.1   | 8.1            | -0.3   | 18            | 70    | 3      | 3        | 96    |
| 03091 ABERDEEN/DYCE                | 5712N    | 00213W    | 65        |           | 1009.9       | 1017.9         | 6.9         | .5     | 7.9            | .4     | 12            | 56    | 6      | 4        | 127   |
| 03100 TIREE                        | 5630N    | 00653W    | 12        |           | 1018.3       | 1019.4         | 7.6         | .1     | 8.6            | -0.2   | 12            | 41    | -19    | 2        | 133   |
| 03160 EDINBURGH AIRPORT            | 5557N    | 00321W    | 41        |           | 1014.5       | 1018.9         | 8.1         | .9     | 7.7            | .0     | 4             | 25    | -14    | 2        | 157   |
| 03162 ESKDALEMUIR                  | 5519N    | 00312W    | 242       |           | 989.4        | 1019.1         | 6.4         | .6     | 7.6            | .4     | 11            | 45    | -41    | 1        | 142   |

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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. |
|                                  | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 03257 LEEMING                    | 5418N    | 00132W    | 40        |           | 1015.3       | 1019.2         | 8.2         | .7     | 8.3            | .5     | 6             | 27    | -7     | 2        | 172   | 130      |
| 03302 VALLEY                     | 5315N    | 00432W    | 11        |           | 1019.0       | 1020.2         | 8.8         | .6     | 8.8            | .4     | 5             | 21    | -30    | 1        | 183   | 105      |
| 03334 MANCHESTER AIRPORT         | 5321N    | 00216W    | 78        |           | 1011.1       | 1019.5         | 9.1         | 1.0    | 8.1            | .3     | 4             | 24    | -26    | 1        | 174   | 126      |
| 03377 WADDINGTON                 | 5310N    | 00031W    | 70        |           | 1010.6       | 1019.0         | 8.8         | 1.1    | 8.2            | .1     | 3             | 12    | -27    | 1        | 164   | 99       |
| 03534 BIRMINGHAM/AIRPORT         | 5227N    | 00144W    | 99        |           | 1007.4       | 1019.4         | 8.9         | 1.2    | 8.1            | .3     | 4             | 13    | -31    | 1        | 191   | 150      |
| 03715 CARDIFF-WALES AIRPORT      | 5124N    | 00321W    | 67        |           | 1012.1       | 1020.1         | 9.1         | 1.0    | 8.9            | .6     | 7             | 23    | -31    | 1        | 187   | 110      |
| 03776 LONDON/GATWICK AIRPORT     | 5109N    | 00011W    | 62        |           | 1012.1       | 1019.3         | 9.8         | 1.8    | 8.9            | .7     | 5             | 14    | -42    | 1        | 189   | 125      |
| 03827 PLYMOUTH WC                | 5021N    | 00407W    | 50        |           | 1014.2       | 1020.3         | 9.4         | .5     | 9.3            | .4     | 4             | 29    | -28    | 2        | 181   | 99       |
| 03862 BOURNEMOUTH AIRPORT        | 5047N    | 00150W    | 11        |           | 1018.3       | 1019.6         | 9.2         | .9     | 9.1            | .7     | 5             | 28    | -24    | 2        | 169   | 100      |
| 03917 BELFAST/ALDERGROVE AIRPORT | 5439N    | 00613W    | 81        |           | 1011.6       | 1019.9         | 8.5         | .9     | 8.7            | .6     | 6             | 22    | -26    | 1        | 163   | 109      |
| <b>IRELAND</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 03953 VALENTIA OBSERVATORY       | 5156N    | 01015W    | 14        |           | 1019.8       | 1021.5         | 9.6         | .5     | 10.0           | .9     | 10            | 51    | -28    | 2        | 155   | 105      |
| 03955 CORK AIRPORT               | 5151N    | 00829W    | 162       | 30        | 1001.3       | 1021.2         | 9.2         | 1.2    | 9.5            | 1.1    | 6             | 24    | -44    | 1        | 178   | 110      |
| 03962 SHANNON AIRPORT            | 5242N    | 00855W    | 20        | 30        | 1018.8       | 1021.2         | 10.1        | 1.2    | 9.9            | 1.3    | 7             | 27    | -30    | 1        | 164   | 110      |
| 03969 DUBLIN AIRPORT             | 5326N    | 00615W    | 85        | 30        | 1009.8       | 1020.3         | 8.6         | .6     | 9.4            | 1.2    | 7             | 27    | -20    | 1        | 170   | 105      |
| 03976 BELMULLET                  | 5414N    | 01000W    | 10        | 30        | 1019.6       | 1020.8         | 9.2         | .9     | 9.7            | .8     | 11            | 49    | -8     | 2        | 148   | 90       |
| 03980 MALIN HEAD                 | 5522N    | 00720W    | 25        | 30        | 1016.7       | 1019.8         | 8.2         | .4     | 9.1            | .7     | 13            | 43    | -15    | 2        | 140   | 90       |
| <b>ICELAND</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 04018 KEFLAVIKURFLUGVOLLUR       | 6358N    | 02236W    | 54        |           | 1012.7       | 1018.9         | 1.6         | -1.8   | 5.3            | -1.7   | 7             | 56    | -21    | 2        |       |          |
| 04030 REYKJAVIK                  | 6408N    | 02154W    | 61        |           | 1011.2       | 1018.9         | 1.5         | -1.8   | 5.1            | -1.7   | 10            | 32    | -25    | 1        | 147   |          |
| 04063 AKUREYRI                   | 6541N    | 01805W    | 27        |           | 1016.0       | 1019.5         | -2          | -1.9   | 4.8            | -.9    | 11            | 27    | -3     | 3        | 128   |          |
| 04082 AKURNES                    | 6418N    | 01513W    | 21        |           | 1015.9       | 1018.5         | 1.6         | -1.6   | 5.2            | -1.1   | 2             | 32    | -62    | 1        |       |          |
| <b>DENMARK (GREENLAND)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 04209 UPERNAVIK AWS              | 7247N    | 05610W    | 63        |           |              | 1022.8         | -9.0        |        | 2.5            |        |               |       |        |          |       |          |
| 04220 EGEDESMINDE                | 6842N    | 05245W    | 48        |           |              | 1020.7         | -7.1        | 2.0    | 3.2            | .8     | 2             | 5     | -9     | 1        |       |          |
| 04250 GODTHAB NUUK               | 6410N    | 05145W    | 70        |           |              | 1018.2         | -2.1        | 1.0    | 4.4            | .5     | 9             | 33    | -4     | 3        |       |          |
| 04312 NORD ADS                   | 8136N    | 01640W    | 34        |           |              | 1024.1         | -14.6       |        | 1.6            |        | 8             | 27    |        |          |       |          |
| 04320 DANMARKSHAVN               | 7646N    | 01840W    | 12        |           |              | 1023.1         | -11.4       | 5.9    | 1.7            | .7     | 2             | 6     | -4     | 3        |       |          |
| 04360 ANGMAGSSALIK               | 6536N    | 03738W    | 52        |           |              | 1022.2         | -4.0        | -.2    | 3.1            | -.4    | 3             | 14    | -49    | 1        |       |          |
| 04390 PRINS CHRISTIAN SUND       | 6002N    | 04307W    | 74        |           |              | 1020.1         | -1.1        | -.4    | 4.4            | -.1    | 9             | 56    | -171   | 0        |       |          |
| <b>DENMARK &amp; FAROE IS.</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 06011 THORSHAVN                  | 6201N    | 00646W    | 55        |           |              | 1017.6         | 3.1         | -1.9   | 6.7            | -.6    | 15            | 78    | -20    | 2        |       |          |
| 06030 ALBORG                     | 5706N    | 00952E    | 3         |           |              | 1013.2         | 5.7         | .2     | 7.0            | -.1    | 10            | 40    | 2      | 4        |       |          |
| 06186 KOENHAVN/LANDBOHOJSKOLEN   | 5541N    | 01233E    | 9         |           |              | 1013.3         | 7.2         | .8     | 7.4            | .0     | 16            | 73    | 26     | 5        |       |          |
| 06190 RONNE                      | 5504N    | 01445E    | 16        |           |              | 1013.0         | 5.8         |        | 6.5            |        | 7             | 35    |        |          |       |          |
| <b>NETHERLANDS</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 06235 DE KOOY                    | 5255N    | 00447E    | 14        |           | 1016.9       | 1017.0         | 8.2         |        | 9.5            |        | 7             | 204   |        | 2        | 185   | 110      |
| 06260 DE BILT                    | 5206N    | 00511E    | 15        |           | 1016.6       | 1016.9         | 9.2         | 1.2    | 9.3            | 1.3    | 6             | 192   | 140    | 6        | 139   | 90       |
| <b>BELGIUM</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 06447 UCCLE                      | 5048N    | 00421E    | 104       |           | 1005.6       | 1017.8         | 9.1         | .3     | 9.2            | 1.1    | 9             | 51    | -2     | 3        | 85    | 53       |
| <b>LUXEMBOURG</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 06590 LUXEMBOURG/LUXEMBOURG      | 4937N    | 00613E    | 379       | 30        | 972.1        | 1017.4         | 8.7         | .5     | 8.7            | 1.3    | 10            | 67    | 18     | 4        |       | 70       |

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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. |
|                    | °                            | °         | m         |           | mb           | mb             | °           | ° c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>SWITZERLAND</b> |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 06660              | ZURICH (TOWN/VILLE)          | 4723N     | 00834E    | 569       | 949.7        | 1016.9         | 8.9         | .8     | 8.3            | 1.1    | 10            | 89    | -2     | 3        | 131   | 76       |
| 06680              | SAENTIS                      | 4715N     | 00921E    | 2500      | 748.2        | 3024 Z         | -3.4        | 1.3    | 4.2            | .6     | 15            | 245   | 60     | 4        | 87    | 54       |
| 06700              | GENEVE-COINTRIN              | 4615N     | 00608E    | 416       | 967.6        | 1016.9         | 10.1        | 1.1    | 8.3            | 1.2    | 5             | 23    | -35    | 1        | 188   | 90       |
| 06770              | LUGANO                       | 4600N     | 00858E    | 276       | 982.1        | 1014.8         | 12.3        | 1.0    | 8.8            | .4     | 9             | 177   | 30     | 4        | 196   | 105      |
| <b>FRANCE</b>      |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 07110              | BREST                        | 4827N     | 00425W    | 103       | 1008.1       | 1020.1         | 9.2         | .4     | 9.9            | .9     | 8             | 66    | -4     | 3        | 137   | 70       |
| 07150              | PARIS/LE BOURGET             | 4858N     | 00227E    | 65        | 1012.2       | 1018.3         | 9.8         | .2     | 9.4            | .9     | 8             | 76    | 40     | 5        | 110   | 61       |
| 07190              | STRASBOURG                   | 4833N     | 00738E    | 154       | 998.3        | 1016.8         | 10.5        | 1.0    | 9.4            | 1.4    | 8             | 51    | 8      | 4        | 140   | 82       |
| 07222              | NANTES                       | 4710N     | 00136W    | 27        | 1015.8       | 1019.0         | 10.7        | .5     | 9.9            | .5     | 6             | 24    | -22    | 1        | 146   | 76       |
| 07255              | BOURGES                      | 4704N     | 00222E    | 166       | 998.2        | 1018.3         | 10.0        | .1     | 9.3            | 1.0    | 8             | 68    | 21     | 4        | 155   | 85       |
| 07280              | DIJON                        | 4716N     | 00505E    | 227       | 990.5        | 1017.7         | 9.8         | -1.1   | 9.1            | 1.1    | 8             | 84    | 41     | 5        | 145   | 68       |
| 07434              | LIMOGES                      | 4552N     | 00111E    | 402       | 970.2        | 1018.1         | 9.7         | .9     | 8.9            | 1.2    | 7             | 64    | -15    | 2        | 171   | 95       |
| 07480              | LYON/BRON                    | 4543N     | 00457E    | 201       | 992.7        | 1016.7         | 11.0        | .7     | 8.9            | .4     | 10            | 113   | 59     | 6        | 193   | 96       |
| 07510              | BORDEAUX/MERIGNAC            | 4450N     | 00042W    | 61        | 1010.8       | 1018.1         | 12.1        | 1.1    | 9.9            | .2     | 6             | 36    | -23    | 2        | 191   | 94       |
| 07630              | TOULOUSE/BLAGNAC             | 4338N     | 00122E    | 153       | 999.5        | 1018.1         | 11.8        | .9     | 9.3            | -2.5   | 5             | 33    | -23    | 2        | 193   | 95       |
| 07645              | NIMES/COURBESSAC             | 4352N     | 00424E    | 62        | 1007.9       | 1015.2         | 13.7        | 1.1    | 9.0            | .4     | 6             | 95    | 42     | 5        | 244   | 99       |
| 07650              | MARSEILLE/MARIGNANE          | 4327N     | 00514E    | 36        | 1009.9       | 1014.3         | 13.6        | .7     | 11.0           | 1.7    | 7             | 106   | 64     | 5        | 247   | 97       |
| 07690              | NICE                         | 4339N     | 00712E    | 10        | 1013.6       | 1014.3         | 12.9        | -2     | 11.5           | 1.1    | 9             | 93    | 28     | 4        | 198   | 81       |
| 07747              | PERPIGNAN                    | 4244N     | 00252E    | 48        | 1011.1       | 1016.7         | 14.0        | .7     | 8.7            | -6     | 1             | 3     | -44    | 1        | 226   | 88       |
| 07761              | AJACCIO                      | 4155N     | 00848E    | 9         | 1013.7       | 1014.7         | 12.5        | .2     | 10.8           | -4     | 5             | 85    | 36     | 5        | 236   | 98       |
| <b>SPAIN</b>       |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 08001              | LA CORUNA                    | 4322N     | 00825W    | 67        | 1009.5       | 1017.3         | 13.7        | 1.7    | 10.4           | -6     | 7             | 64    | -14    | 3        | 257   | 134      |
| 08141              | VALLADOLID                   | 4139N     | 00446W    | 739       | 930.7        | 1016.2         | 12.3        | 2.4    | 7.2            | -1     | 4             | 12    | -24    | 1        | 291   | 125      |
| 08160              | ZARAGOZA/AEROPUERTO          | 4140N     | 00101W    | 258       | 984.8        | 1015.1         | 14.3        | 1.4    | 9.1            |        | 4             | 29    | -3     | 3        | 273   | 125      |
| 08181              | BARCELONA/AEROPUERTO         | 4117N     | 00204E    | 6         | 1014.3       | 1014.9         | 13.4        |        | 10.8           |        | 4             | 35    |        | 3        | 254   | 125      |
| 08222              | MADRID                       | 4025N     | 00341W    | 667       | 937.7        | 1013.9         | 14.5        | 2.3    | 8.1            | .1     | 3             | 14    | -34    | 1        | 290   | 123      |
| 08306              | PALMA DE MALLORCA/SON SAN JU | 3933N     | 00244E    | 8         | 1015.2       | 1016.0         | 13.0        | -2.6   | 13.0           |        | 0             | 1     | -127   | 0        | 277   | 130      |
| 08314              | MENORCA/MAHON                | 3952N     | 00414E    | 82        | 1005.9       | 1015.7         | 14.3        | .6     | 11.2           | .3     | 3             | 24    | -18    | 2        | 260   | 124      |
| 08359              | ALICANTE                     | 3822N     | 00030W    | 82        | 1006.7       | 1016.3         | 15.3        | -5     | 11.1           | .1     | 1             | 10    | -28    | 1        | 297   | 117      |
| 08487              | ALMERIA/AEROPUERTO           | 3651N     | 00223W    | 21        | 1012.1       | 1014.6         | 17.2        |        | 10.3           |        | 0             | 0     |        | 1        | 289   | 125      |
| <b>GIBRALTAR</b>   |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 08495              | GIBRALTAR                    | 3609N     | 00521W    | 5         | 1016.3       | 1016.9         | 16.6        | .3     |                |        |               |       |        |          |       |          |
| <b>PORTUGAL</b>    |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 08506              | HORTA (ACORES)               | 3831N     | 02838W    | 62        | 1011.6       | 1019.0         | 16.2        |        | 14.3           |        | 7             | 37    |        | 2        | 146   | 95       |
| 08513              | PONTA DELGADA (ACORES)       | 3745N     | 02540W    | 36        | 1015.8       | 1020.1         | 16.4        |        | 14.0           |        | 7             | 49    |        | 2        | 157   | 110      |
| 08515              | SANTA MARIA (ACORES)         | 3658N     | 02510W    | 100       | 1008.1       | 1020.2         | 16.5        | 1.2    | 13.7           | 1.2    | 3             | 24    | -18    | 2        |       |          |
| 08535              | LISBOA                       | 3843N     | 00909W    | 95        | 1004.1       | 1015.4         | 16.7        |        | 12.0           |        | 7             | 33    |        | 3        | 286   | 70       |
| 08546              | PORTO/SERRA DO PILAR         | 4108N     | 00836W    | 100       | 1004.2       | 1016.2         | 14.4        |        | 10.5           |        | 4             | 35    |        | 1        | 272   | 145      |
| 08549              | COIMBRA                      | 4012N     | 00825W    | 140       | 999.4        | 1016.0         | 15.6        | 1.6    | 9.4            | -1.2   | 6             | 33    | -51    | 1        | 269   | 115      |
| 08554              | FARO                         | 3701N     | 00758W    | 9         | 1014.7       | 1015.7         | 17.3        | 2.1    | 12.0           | 1.5    | 1             | 1     | -38    | 0        | 250   | 100      |
| 08562              | BEJA                         | 3801N     | 00752W    | 247       | 986.1        | 1015.3         | 15.8        | 2.1    | 9.9            | -3     | 3             | 32    | -16    | 2        | 261   | 120      |
| 08571              | PORTALEGRE                   | 3917N     | 00725W    | 590       | 947.4        | 1015.5         | 15.1        | 2.0    | 8.5            |        | 3             | 28    | -52    | 2        | 290   | 30       |
| 08575              | BRAGANCA                     | 4148N     | 00644W    | 692       | 936.3        | 1016.3         | 12.7        | 2.7    | 7.4            | -3     | 4             | 26    | -30    | 2        | 293   | 140      |

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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. |
|                       | °                         | °         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>GERMANY</b>        |                           |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 10035                 | SCHLESWIG                 | 5432N     | 00933E    | 48        |              |                |             |        |                |        |               |       |        |          |       |          |
| 10147                 | HAMBURG-FUHLBUETTEL       | 5338N     | 01000E    | 16        |              |                |             |        |                |        |               |       |        |          |       |          |
| 10170                 | ROSTOCK-WARNEMUENDE       | 5411N     | 01205E    | 10        |              |                |             |        |                |        |               |       |        |          |       |          |
| 10338                 | HANNOVER                  | 5228N     | 00941E    | 59        |              |                |             |        |                |        |               |       |        |          |       |          |
| 10379                 | POTSDAM                   | 5223N     | 01304E    | 99        |              |                |             |        |                |        |               |       |        |          |       |          |
| 10410                 | ESSEN                     | 5124N     | 00658E    | 161       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| 10438                 | KASSEL                    | 5118N     | 00927E    | 233       |              |                |             |        |                |        |               |       |        |          |       |          |
| 10499                 | GOERLITZ                  | 5110N     | 01457E    | 238       |              |                |             |        |                |        |               |       |        |          |       |          |
| 10578                 | FICHTELBERG               | 5026N     | 01257E    | 1215      |              |                |             |        |                |        |               |       |        |          |       |          |
| 10628                 | GEISENHEIM                | 4959N     | 00757E    | 120       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| 10763                 | NUERNBERG                 | 4930N     | 01105E    | 312       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| 10870                 | MUENCHEN, FLUGHAFEN       | 4822N     | 01148E    | 447       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| 10929                 | KONSTANZ                  | 4741N     | 00911E    | 447       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| 10961                 | ZUGSPITZE                 | 4725N     | 01059E    | 2962      | 30           |                |             |        |                |        |               |       |        |          |       |          |
| <b>AUSTRIA</b>        |                           |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 11028                 | ST. POELTEN               | 4812N     | 01537E    | 282       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11035                 | WIEN/HOHE WARTE           | 4815N     | 01622E    | 209       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11120                 | INNSBRUCK-FLUGHAFEN       | 4716N     | 01121E    | 593       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11146                 | SONNBLICK                 | 4703N     | 01257E    | 3109      |              |                |             |        |                |        |               |       |        |          |       |          |
| 11150                 | SALZBURG-FLUGHAFEN        | 4748N     | 01300E    | 450       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11155                 | FEUERKOGEL                | 4749N     | 01344E    | 1621      |              |                |             |        |                |        |               |       |        |          |       |          |
| 11212                 | VILLACHERALPE             | 4636N     | 01340E    | 2160      |              |                |             |        |                |        |               |       |        |          |       |          |
| 11231                 | KLAGENFURT-FLUGHAFEN      | 4639N     | 01420E    | 476       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11240                 | GRAZ-THALERHOF- FLUGHAFEN | 4700N     | 01526E    | 347       |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>CZECHOSLOVAKIA</b> |                           |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 11406                 | CHEB                      | 5005N     | 01224E    | 471       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11518                 | PRAHA/RUZYNE              | 5006N     | 01415E    | 369       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11520                 | PRAHA-LIBUS               | 5001N     | 01427E    | 304       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11723                 | BRNO/TURANY               | 4909N     | 01642E    | 246       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11782                 | OSTRAVA/MOSNOV            | 4941N     | 01807E    | 256       |              |                |             |        |                |        |               |       |        |          |       |          |
| 11903                 | SLIAC                     | 4838N     | 01909E    | 318       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| 11934                 | POPRAD/TATRY              | 4904N     | 02015E    | 707       | 30           |                |             |        |                |        |               |       |        |          |       |          |
| <b>POLAND</b>         |                           |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 12120                 | LEBA                      | 5445N     | 01732E    | 2         |              |                |             |        |                |        |               |       |        |          |       |          |
| 12160                 | ELBLAG                    | 5410N     | 01926E    | 43        |              |                |             |        |                |        |               |       |        |          |       |          |
| 12205                 | SZCZECIN                  | 5324N     | 01437E    | 3         |              |                |             |        |                |        |               |       |        |          |       |          |
| 12295                 | BIALYSTOK                 | 5306N     | 02310E    | 151       |              |                |             |        |                |        |               |       |        |          |       |          |
| 12330                 | POZNAN                    | 5225N     | 01650E    | 92        |              |                |             |        |                |        |               |       |        |          |       |          |
| 12375                 | WARSZAWA-OKECIE           | 5210N     | 02058E    | 107       |              |                |             |        |                |        |               |       |        |          |       |          |
| 12424                 | WROCLAW II                | 5106N     | 01653E    | 121       |              |                |             |        |                |        |               |       |        |          |       |          |
| 12497                 | WLODAWA                   | 5133N     | 02332E    | 179       |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>HUNGARY</b>        |                           |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 12772                 | MISKOLC                   | 4806N     | 02047E    | 233       |              |                |             |        |                |        |               |       |        |          |       |          |

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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. |
|                             |          |           |           |           | mb           | mb             | o           | o c    | mb             | mb     | mm            | mm    | mm     | hr       |       |          |
| 12812 SZOMBATHELY           | 4716N    | 01638E    | 221       |           | 987.8        | 1014.3         | 10.3        |        | 8.6            |        | 11            | 0062  |        | 5        | 148   | 85       |
| 12840 BUDAPEST/METEOROLOGIA | 4731N    | 01902E    | 129       |           | 998.0        | 1015.3         | 11.9        | .1     | 8.0            | .3     | 7             | 48    | 5      | 3        | 186   | 095      |
| 12843 BUDAPEST/LORINC       | 4726N    | 01911E    | 139       |           | 996.6        | 1013.3         | 11.6        | .8     | 7.7            | -.3    | 6             | 41    | 2      | 3        | 186   | 94       |
| 12882 DEBRECEN              | 4729N    | 02138E    | 112       |           | 990.1        | 1012.7         | 10.0        | -.6    | 8.4            | -.3    | 5             | 0045  | 0007   | 4        | 110   | 60       |
| 12942 PECS                  | 4600N    | 01814E    | 203       |           | 990.0        | 1014.3         | 10.9        | .1     | 8.6            | .5     | 7             | 49    | -12    | 3        | 186   | 100      |
| 12982 SZEDED                | 4615N    | 02006E    | 83        |           | 1003.9       | 1013.9         | 11.0        | .1     | 8.7            | .0     | 5             | 30    | -13    | 2        | 167   | 95       |
| <b>CROATIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 13129 ZAGREB/GRIC           | 4549N    | 01559E    | 162       |           | 994.7        | 1014.1         | 13.0        | 1.4    | 8.4            | .3     | 5             | 31    | -39    | 1        | 195   | 120      |
| 13334 SPLIT/MARJAN          | 4331N    | 01626E    | 128       |           | 999.8        | 1015.1         | 12.8        | -1.1   | 8.7            | -.5    | 7             | 76    | 9      | 4        | 226   | 105      |
| <b>YUGOSLAVIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 13274 BEOGRAD               | 4448N    | 02028E    | 132       |           | 998.6        | 1014.5         | 12.5        | .6     | 8.8            | .4     | 8             | 61    | 5      | 3        | 198   | 112      |
| 13463 PODGORICA-GRAD        | 4226N    | 01917E    | 50        |           | 1010.5       | 1016.6         | 12.7        | -1.0   | 9.4            |        | 8             | 175   | 36     | 4        | 217   | 112      |
| <b>ROMANIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 15085 BISTRITA              | 4708N    | 02430E    | 367       |           | 969.6        | 1013.6         | 8.4         | -.7    | 8.7            | .8     | 12            | 41    | -14    | 2        | 182   | 105      |
| 15090 IASI                  | 4710N    | 02738E    | 104       |           | 1000.6       | 1013.1         | 10.1        | .1     | 7.8            | -1.0   | 7             | 21    | -23    | 2        | 189   | 110      |
| 15120 CLUJ-NAPOCA           | 4647N    | 02334E    | 413       |           | 964.3        | 1013.4         | 8.4         | -.8    | 7.4            | -.3    | 7             | 28    | -17    | 1        | 192   | 110      |
| 15247 TIMISOARA             | 4546N    | 02115E    | 88        |           | 1004.1       | 1014.8         | 10.8        | -.3    | 8.4            | -.6    | 9             | 75    | 27     | 5        | 199   | 105      |
| 15260 SIBIU                 | 4548N    | 02409E    | 444       |           | 961.1        | 1013.8         | 8.8         | -.5    | 7.6            | -.6    | 6             | 19    | -39    | 1        | 188   | 120      |
| 15360 SULINA                | 4509N    | 02940E    | 9         |           | 1011.7       | 1012.8         | 9.9         | .2     | 9.9            | -.6    | 4             | 11    | -13    | 2        | 192   | 110      |
| 15420 BUCURESTI/IMH         | 4430N    | 02608E    | 91        |           | 1002.4       | 1013.4         | 11.2        | .0     | 8.8            |        | 10            | 24    | -21    | 2        | 216   | 115      |
| 15480 CONSTANTA             | 4413N    | 02838E    | 14        |           | 1012.7       | 1014.3         | 10.6        | 1.1    | 9.5            |        | 4             | 29    | -1     | 4        | 198   | 110      |
| <b>BULGARIA</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 15511 LOM                   | 4349N    | 02315E    | 33        |           | 1010.1       | 1014.1         | 12.1        | -1.0   | 9.4            |        | 6             | 14    | -23    | 0        | 226   | 125      |
| 15552 VARNA                 | 4312N    | 02755E    | 43        |           | 1009.0       | 1014.2         | 9.7         | -1.4   | 9.6            | -1.1   | 8             | 58    | 22     | 5        | 192   | 120      |
| 15614 SOFIA (OBSERV.)       | 4239N    | 02323E    | 595       |           | 944.9        | 1014.6         | 9.7         | -.6    | 7.8            | -.5    | 8             | 40    | -15    | 3        | 248   | 145      |
| 15655 BURGAS                | 4229N    | 02729E    | 28        |           | 1011.0       | 1014.3         | 11.1        | -.1    | 9.8            |        | 6             | 59    | 16     | 4        |       |          |
| <b>ITALY</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 16045 UDINE/RIVOLTO         | 4559N    | 01302E    | 53        |           | 1009.0       | 1015.4         | 11.7        | .2     | 9.5            | .1     | 5             | 35    | -90    | 0        | 144   | 90       |
| 16090 VERONA/VILLAFRANCA    | 4523N    | 01052E    | 68        |           | 1006.4       | 1014.9         | 12.6        | .6     | 11.4           | 1.4    | 12            | 80    | 19     | 4        | 173   | 100      |
| 16110 TRIESTE               | 4539N    | 01345E    | 20        |           | 1012.5       | 1015.0         | 12.8        | -.2    | 9.7            | .5     | 5             | 37    | -50    | 1        | 174   | 100      |
| 16158 PISA/S. GIUSTO        | 4341N    | 01023E    | 6         | 30        | 1015.0       | 1015.0         | 12.0        | -.3    | 10.6           | .5     | 11            | 65    | 3      | 3        | 163   |          |
| 16191 FALCONARA             | 4337N    | 01322E    | 10        |           | 1013.4       | 1015.1         | 11.7        |        | .5             |        | 08            | 4     |        |          |       |          |
| 16325 MARINA DI GINOSA      | 4026N    | 01653E    | 12        | 30        | 1013.0       | 1014.0         | 12.0        | -1.4   | 11.1           | -.7    | 05            | 0010  | -027   | 2        |       |          |
| 16410 PALERMO BOCCADIFALCO  | 3806N    | 01318E    | 117       | 30        | 1001.0       | 1015.0         | 14.5        | 1.0    | 9.7            |        | 8             | 54    | 37     | 5        |       |          |
| 16420 MESSINA               | 3812N    | 01533E    | 51        | 30        | 1009.0       | 1015.0         | 14.9        | .1     | 12.0           | .7     | 5             | 69    | 8      | 4        | 207   |          |
| 16429 TRAPANI/BIRGI         | 3755N    | 01230E    | 14        | 30        | 1014.0       | 1016.0         | 13.8        | -.8    | 12.7           | .3     | 3             | 43    | -9     | 4        | 227   |          |
| 16560 CAGLIARI/ELMAS        | 3915N    | 00904E    | 5         |           | 1014.6       | 1015.3         | 13.9        | .2     | 11.9           | .7     | 6             | 32    | -4     | 3        | 232   | 110      |
| <b>MALTA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 16597 LUQA                  | 3551N    | 01429E    | 91        |           | 1007.3       | 1015.8         | 15.3        | .1     | 12.9           | .2     | 5             | 30    | 2      | 4        | 257   | 102      |
| <b>GREECE</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 16622 THESSALONIKI/MIKRA    | 4031N    | 02258E    | 4         |           | 1014.5       | 1015.0         | 14.5        | .5     | 8.6            | -2.3   | 2             | 6     | -30    | 1        | 222   | 110      |
| 16641 KERKYRA               | 3937N    | 01955E    | 4         |           | 1014.1       | 1014.6         | 14.2        | -.8    | 8.9            | -3.1   | 5             | 65    | -2     | 3        | 264   | 130      |



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| STATION                         | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                                 |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
|                                 | '        | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 16648 LARISSA                   | 3938N    | 02225E    | 74        |           | 1005.8       | 1014.7         | 13.7        | -2     | 6.9            | -3.7   | 4             | 18    | -10    | 3        | 234   | 110      |
| 16714 ATHINAI/OBSERVATORY       | 3758N    | 02343E    | 107       |           | 1002.1       | 1014.8         | 15.1        | -2     | 9.4            | -1.0   | 1             | 9     | -14    | 1        | 250   | 105      |
| 16716 ATHENS (HELLINIKON)       | 3754N    | 02344E    | 15        |           | 1012.7       | 1014.6         | 15.7        | -6     | 10.6           |        | 1             | 6     | -11    | 1        | 261   | 115      |
| 16726 KALAMATA                  | 3704N    | 02201E    | 8         |           | 1013.2       | 1014.2         | 13.8        | -1.8   | 7.6            | -4.4   | 4             | 10    | -36    | 1        | 269   | 125      |
| 16746 SOUDA                     | 3529N    | 02407E    | 151       |           | 996.4        | 1014.5         | 15.0        | -5     | 7.7            | -3.7   | 3             | 14    | -23    | 0        | 252   | 110      |
| 16754 HERAKLION                 | 3520N    | 02511E    | 39        |           | 1009.7       | 1014.4         | 15.7        | -9     | 10.4           | -1.1   | 2             | 13    | -16    | 2        | 253   | 110      |
| <b>TURKEY</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 17022 ZONGULDAK                 | 4127N    | 03148E    | 136       |           | 998.0        | 1014.2         | 11.3        |        | 8.2            |        | 9             | 84    |        | 4        |       |          |
| 17030 SAMSUN                    | 4117N    | 03620E    | 4         |           | 1014.7       | 1015.1         | 10.6        | -6     | 10.3           | -2     | 11            | 146   | 84     | 6        |       |          |
| 17034 GIRE SUN                  | 4055N    | 03824E    | 38        |           | 1010.7       | 1015.2         | 10.7        |        | 10.3           |        | 13            | 141   |        | 5        |       |          |
| 17050 EDIRNE                    | 4140N    | 02634E    | 48        |           | 1008.1       | 1014.3         | 12.3        | -3     | 9.8            | .0     | 6             | 48    | -4     | 3        |       |          |
| 17074 KASTAMONU                 | 4122N    | 03346E    | 799       |           | 920.9        | 1013.6         | 8.1         | -1.4   | 6.8            | -1.1   | 14            | 54    | 0      | 3        |       |          |
| 17084 CORUM                     | 4033N    | 03458E    | 837       |           | 923.5        | 1013.2         | 9.1         |        | 8.1            |        | 11            | 89    |        | 5        |       |          |
| 17090 SIVAS                     | 3945N    | 03701E    | 1285      |           | 868.8        | 1012.9         | 7.9         | -9     | 6.9            | .2     | 13            | 65    | 9      | 4        |       |          |
| 17092 ERZINCAN                  | 3944N    | 03930E    | 1215      |           | 875.6        | 1011.8         | 9.8         | -7     | 7.5            | .5     | 12            | 96    | 47     | 6        |       |          |
| 17098 KARS                      | 4036N    | 04305E    | 1775      |           | 817.6        | 1011.1         | 5.8         |        | 7.0            |        | 13            | 52    |        | 4        |       |          |
| 17112 CANAKKALE                 | 4008N    | 02624E    | 3         |           | 1014.5       | 1015.2         | 12.2        | -1     | 12.0           | .9     | 6             | 15    | -29    | 1        |       |          |
| 17116 BURSA                     | 4011N    | 02904E    | 100       |           | 1002.8       | 1014.9         | 12.2        | .1     | 9.5            | -8     | 8             | 84    | 24     | 4        |       |          |
| 17188 USAK                      | 3840N    | 02925E    | 919       |           | 908.4        | 1013.6         | 9.2         |        | 7.4            |        | 8             | 65    |        | 4        |       |          |
| 17190 AFYON                     | 3845N    | 03032E    | 1034      |           | 895.8        | 1013.4         | 8.9         | -1.2   | 7.1            | -3     | 5             | 31    | -12    | 2        |       |          |
| 17210 SIIRT                     | 3756N    | 04200E    | 895       |           | 911.5        | 1012.8         | 13.0        | -3     | 8.8            |        | 14            | 177   | 61     | 5        |       |          |
| 17220 IZMIR                     | 3826N    | 02710E    | 25        |           | 1010.4       | 1013.8         | 14.9        | -6     | 10.8           | -2     | 6             | 39    | -3     | 3        |       |          |
| 17240 ISPARTA                   | 3745N    | 03033E    | 997       |           | 899.7        | 1013.1         | 9.3         | -1.3   | 6.6            | -9     | 5             | 34    | -14    | 2        |       |          |
| 17250 NIGDE                     | 3758N    | 03441E    | 1208      |           | 877.1        | 1013.3         | 9.0         | .3     | 7.2            |        | 9             | 71    | 38     | 5        |       |          |
| 17255 KAHRAMANMARAS             | 3736N    | 03656E    | 549       |           | 945.6        | 1011.3         | 14.6        |        | 8.6            |        | 10            | 95    |        | 4        |       |          |
| 17270 URFA                      | 3708N    | 03846E    | 547       |           | 948.2        | 1011.2         | 15.7        | .1     | 10.7           | 1.0    | 8             | 44    | -13    | 3        |       |          |
| 17285 HAKKARI                   | 3734N    | 04346E    | 1720      |           | 825.4        | 1015.5         | 5.1         |        | 5.6            |        | 14            | 72    |        | 1        |       |          |
| 17292 MUGLA                     | 3712N    | 02821E    | 646       |           | 938.8        | 1013.6         | 11.2        | -1.0   | 9.8            | 1.1    | 8             | 82    | 21     | 4        |       |          |
| 17300 ANTALYA                   | 3642N    | 03044E    | 57        |           | 1006.3       | 1012.3         | 14.6        | -1.7   | 10.7           | -1.5   | 3             | 32    | -15    | 3        |       |          |
| 17340 MERSIN                    | 3649N    | 03436E    | 3         |           | 1011.5       | 1011.9         | 17.1        |        | 14.0           |        | 4             | 36    |        | 3        |       |          |
| <b>CYPRUS</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 17609 LARNACA AIRPORT           | 3453N    | 03338E    | 2         |           | 1012.4       | 1012.6         | 16.4        |        | 12.6           |        | 01            | 1     |        | 6        | 280   |          |
| <b>USSR</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 22113 MURMANSK                  | 6858N    | 03303E    | 46        |           | 1005.0       | 1011.4         | -2          | 1.5    | 4.4            | .4     | 7             | 21    | 3      | 4        | 223   |          |
| 22165 KANIN NOS                 | 6839N    | 04318E    | 49        |           | 1006.2       | 1012.4         | -1.3        | 3.6    | 4.6            | .9     |               |       | 6      | 1        |       |          |
| 22550 ARHANGEL'SK               | 6435N    | 04030E    | 13        |           | 1013.5       | 1014.5         | 2.8         | 2.8    | 5.1            | .8     | 7             | 32    | 5      | 3        | 227   |          |
| 22602 REBOLY                    | 6349N    | 03049E    | 181       |           | 990.0        | 1012.7         | .6          | 1.3    | 4.5            | .2     | 9             | 31    | -1     | 4        | 179   |          |
| 22837 VYTEGRA                   | 6101N    | 03627E    | 59        |           | 1007.2       | 1014.2         | 3.8         | 2.1    | 5.8            | .6     | 9             | 45    | -1     | 3        | 169   | 90       |
| 26038 TALLIN                    | 5925N    | 02448E    | 44        |           | 1008.1       | 1016.8         | 5.4         | 2.5    | 6.5            | .8     | 2             | 9     | -26    | 1        |       |          |
| 26063 ST. PETERBURG (WOEYOKOWO) | 5958N    | 03018E    | 4         |           | 1011.8       | 1012.6         | 4.8         | 1.4    | 6.1            | -2     | 11            | 32    | -3     | 3        | 145   | 85       |
| 26215 KINGISEPP                 | 5815N    | 02229E    | 7         |           | 1014.6       | 1015.1         | 3.9         |        | 6.3            |        | 5             | 16    |        |          |       |          |
| 26477 VELIKIE LUKI              | 5623N    | 03036E    | 98        |           | 998.4        | 1011.0         | 1.8         | -2.8   | 7.3            | .9     | 14            | 71    | 37     | 5        | 180   | 20       |
| 27037 VOLODA                    | 5917N    | 03952E    | 118       |           | 998.1        | 1014.1         | 5.9         | 3.4    | 6.5            | .9     | 10            | 53    | 20     | 5        | 165   | 90       |
| 27595 KAZAN'                    | 5547N    | 04911E    | 64        |           | 1003.6       | 1018.0         | 11.3        | 7.0    | 8.2            | 1.9    | 0             | 23    | -9     | 2        | 245   |          |
| 27612 MOSKVA                    | 5545N    | 03734E    | 156       |           | 993.9        | 1012.8         | 9.1         | 3.6    | 8.6            | 2.5    | 10            | 43    | 5      | 4        |       |          |
| 34172 SARATOV                   | 5134N    | 04602E    | 156       |           | 990.8        | 1014.8         | 11.7        | 5.0    | 7.4            | .8     | 0             | 17    | -10    | 3        | 233   |          |

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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. |
|                                     | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     | mm            | mm    | mm     | hr       |       |          |
| 34731 ROSTOV-NA-DONU                | 4715N    | 03949E    | 77        |           | 1003.8       | 1012.9         | 11.8        | 1.3    | 9.8            | 1.2    | 1             | 66    | 28     | 5        |       |          |
| 34880 ASTRAHAN'                     | 4616N    | 04802E    | 18        |           | 1016.9       | 1014.4         | 14.5        | 3.7    | 9.2            | 1.8    | 0             | 5     | -10    | 2        |       |          |
| <b>SYRIAN ARAB REPUBLIC</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 40001 KAMISHLI                      | 3703N    | 04113E    | 455       |           | 957.6        | 1012.1         |             |        | 11.5           | 1.0    | 7             | 48    | -21    | 2        | 255   | 5        |
| 40007 ALEPPO                        | 3611N    | 03713E    | 393       |           | 965.4        | 1010.0         | 15.5        | -1.1   | 10.0           | -3     | 4             | 71    | 34     | 5        |       |          |
| 40022 LATTAKIA                      | 3532N    | 03546E    | 7         |           | 1012.7       | 1013.5         | 16.5        | -1.1   | 13.0           | -6     | 05            | 6     | -36    | 1        | 246   | 195      |
| 40030 HAMA                          | 3508N    | 03643E    | 309       |           |              | 1011.5         | 15.9        |        | 10.6           |        | 3             | 0022  | 194    | 6        | 260   | 80       |
| 40045 DEIR EZZOR                    | 3519N    | 04009E    | 212       |           | 987.6        | 1012.9         | 18.8        | .2     | 10.4           | .8     | 6             | 0015  | 0007   | 6        | 264   | 10       |
| 40061 PALMYRA                       | 3433N    | 03818E    | 404       |           | 964.1        | 1010.4         | 17.9        | .0     | 8.8            | .2     | 3             | 0014  | 0005   | 6        | 266   | 15       |
| 40080 DAMASCUS INT. AIRPORT         | 3325N    | 03631E    | 611       |           | 941.7        | 1011.4         | 14.7        | -1.3   |                |        | 26            | 0060  | 0047   | 6        |       |          |
| <b>LEBANON</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 40100 BEYROUTH (AEROPORT)           | 3349N    | 03529E    | 19        |           | 1010.1       | 1013.0         | 18.1        | .2     | 12.9           | -.9    | 8             | 34    | -14    | 3        |       |          |
| 40103 TRIPOLI                       | 3427N    | 03548E    | 6         |           | 1013.2       | 1013.9         | 16.2        | -.8    | 14.2           | -.8    | 8             | 47    | -9     | 3        |       |          |
| <b>ISRAEL</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 40179 BET DAGAN                     | 3200N    | 03449E    | 35        |           | 1009.3       | 1013.6         | 17.2        |        | 13.0           |        | 2             | 17    |        | 3        | 271   | 100      |
| 40184 JERUSALEM                     | 3147N    | 03513E    | 809       |           | 927.1        | 1481 Y         | 13.9        | -1.9   | 8.9            | .5     | 3             | 30    | 2      | 4        | 273   | 94       |
| 40199 EILAT                         | 2933N    | 03457E    | 13        |           | 1010.7       | 1011.0         | 23.7        | -5     | 9.1            | -.3    | 1             | 4     | -1     | 4        | 311   | 114      |
| <b>JORDAN</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 40250 H-4 'IRWAISHED'               | 3230N    | 03812E    | 688       |           | 933.8        | 1010.7         | 17.6        | -.3    | 8.9            | 1.4    | 2             | 7     | -2     | 3        | 274   | 110      |
| 40255 IRBID                         | 3233N    | 03551E    | 619       |           | 943.3        | 1013.6         | 15.7        |        | 9.7            |        | 3             | 24    |        | 4        | 268   | 105      |
| 40270 AMMAN AIRPORT                 | 3159N    | 03559E    | 768       |           | 924.0        | 1011.3         | 15.4        | -.4    | 7.5            | -1.6   | 2             | 4     | -13    | 2        | 274   | 90       |
| 40310 MA'AN                         | 3010N    | 03547E    | 1070      |           | 892.0        | 1475 Y         | 16.2        | -.6    | 6.9            | -.2    | 1             | 7     | 2      | 4        | 295   | 110      |
| <b>ASIA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>USSR</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 20046 POLAR GMO IM. E. T. KRENKELJA | 8037N    | 05803E    | 20        |           | 1011.0       | 1013.8         | -9.9        | 9.9    | 2.6            | 1.4    | 6             | 23    | 3      | 4        | 141   |          |
| 20069 OSTROV VIZE                   | 7930N    | 07659E    | 11        |           | 1015.6       | 1016.9         | -11.2       | 9.1    | 2.4            | 1.0    | 5             | 14    | -5     | 4        | 121   |          |
| 20292 GMO IM. E. K. FEDOROVA        | 7743N    | 10417E    | 0         |           | 1021.7       | 1023.7         | -15.4       | 5.4    | 1.7            | .6     | 2             | 11    | -5     | 3        | 262   |          |
| 20674 OSTROV DIKSON                 | 7330N    | 08024E    | 47        |           | 1009.6       | 1015.7         | -7.8        | 9.7    | 3.1            | 1.7    | 12            | 26    | 2      | 4        | 125   |          |
| 20891 HATANGA                       | 7159N    | 10228E    | 33        |           | 1016.4       | 1020.9         | -15.1       | 2.9    | 1.7            | .3     | 7             | 12    | -1     | 4        | 271   |          |
| 21432 OSTROV KOTEL'NYJ              | 7600N    | 13754E    | 10        |           | 1024.5       | 1025.6         | -19.0       | 2.2    | 1.3            | .2     | 2             | 5     | -4     | 2        | 281   |          |
| 21946 COKURDAH                      | 7037N    | 14753E    | 61        |           | 1013.6       | 1021.9         | -20.7       | -1.4   | 1.2            | -.1    | 0             | 5     | -4     | 2        | 283   |          |
| 21965 OSTROV CHETYREH- STOLBOVOY    | 7038N    | 16224E    | 6         |           | 1013.7       | 1019.2         | -16.6       | 2.6    | 1.5            | .2     | 0             | 3     | -3     | 2        | 185   |          |
| 23205 NAR'JAN-MAR                   | 6739N    | 05301E    | 7         |           | 1013.8       | 1015.3         | 1.1         | 8.5    | 5.0            | 1.9    | 5             | 19    | -2     | 3        | 201   |          |
| 23219 HOSEDA-HARD                   | 6705N    | 05923E    | 84        |           | 1006.2       | 1013.8         | .7          | 9.7    | 5.2            | 2.3    | 10            | 23    | 4      | 4        | 210   |          |
| 23472 TURUHANSK                     | 6547N    | 08757E    | 32        |           | 1014.4       | 1019.1         | -.6         | 7.6    | 4.0            | 1.5    | 8             | 37    | 13     | 5        |       |          |
| 23552 TARKO-SALE                    | 6455N    | 07749E    | 27        |           | 1017.1       | 1020.6         | .5          | 9.7    | 5.1            | 2.6    |               |       |        |          | 3     |          |
| 23804 SYKTYVKAR                     | 6140N    | 05051E    | 96        |           | 1003.0       | 1018.2         | 6.4         | 5.6    | 6.1            | 1.7    | 4             | 18    | -14    | 1        | 213   | 115      |
| 23884 BOR                           | 6136N    | 09000E    | 63        |           | 1012.1       | 1019.4         | 2.2         | 5.6    | 4.4            | 1.2    | 7             | 16    | -12    | 2        | 164   | 15       |
| 24125 OLENEK                        | 6830N    | 11226E    | 127       |           | 990.6        | 1019.3         | -11.6       | 1.5    | 1.9            | -.7    | 2             | 6     | -5     | 2        | 354   |          |
| 24143 DZARDZAN                      | 6844N    | 12400E    | 45        |           | 1011.8       | 1017.0         | -12.5       | -2.4   | 1.5            | -.2    | 0             | 1     | -13    | 0        |       |          |
| 24266 VERHOJANSK                    | 6733N    | 13323E    | 137       |           | 1001.0       | 1019.4         | -15.1       | -1.4   | 1.4            | -.3    | 1             | 2     | -4     | 2        | 398   |          |
| 24507 TURA                          | 6410N    | 10004E    | 186       |           | 995.1        | 1018.8         | -4.4        | 3.1    | 2.7            | .2     | 4             | 15    | 2      | 4        | 262   |          |

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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. |
|                                    | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     | mm       | hr    |          |
| 24641 VILJUJSK                     | 6346N    | 12137E    | 107       |           | 1000.6       | 1015.0         | -9.0        | -1.3   | 2.2            | .2     | 3             | 8     | -1     | 3        | 289   |          |
| 24688 OJMJAKON                     | 6316N    | 14309E    | 726       |           | 923.8        | 1019.7         | -18.6       | -3.8   | 1.1            | -1.2   | 0             | T     | -7     | 1        | 380   |          |
| 24738 SUNTAR                       | 6209N    | 11739E    | 124       |           | 997.5        | 1014.7         | -6.1        | .2     | 2.6            | .1     | 3             | 10    | 0      | 4        | 292   |          |
| 24817 ERBOGACHEN                   | 6116N    | 10801E    | 291       |           | 980.1        | 1017.1         | -5.9        | -1.1   | 2.6            | .1     | 5             | 17    | 1      | 4        | 231   |          |
| 24959 JAKUTSK                      | 6205N    | 12945E    | 103       |           | 1000.1       | 1013.1         | -6.2        | .8     | 2.8            | .2     | 4             | 16    | 4      | 4        | 312   |          |
| 25173 MYS SHMIDTA                  | 6855N    | 17929W    | 7         |           | 1016.2       | 1016.7         | -16.7       | 1.8    | 1.6            | .3     | 5             | 17    | 4      | 4        |       |          |
| 25248 ILIRNEJ                      | 6720N    | 16814E    | 0         |           | 972.3        | 1019.3         | -17.6       | .7     | 1.1            | -3.0   | 0             | 0     | -6     | 0        | 354   |          |
| 25325 UST'-OLOJ                    | 6633N    | 15925E    | 125       |           | 1002.0       | 1019.1         | -15.1       | -5.5   | 1.4            | -1.0   | 1             | 1     | -7     | 1        | 324   |          |
| 25399 MYS UELEN                    | 6610N    | 16950W    | 7         |           | 1012.1       | 1012.5         | -12.6       | 1.7    | 2.4            | .7     | 7             | 20    | -5     | 3        | 136   |          |
| 25400 ZYRJANKA                     | 6544N    | 15054E    | 43        |           | 1014.2       | 1020.0         | -13.6       | -9     | 1.6            | -2.1   | 1             | 2     | -6     | 1        | 338   |          |
| 25563 ANADYR'                      | 6447N    | 17734E    | 62        |           | 1005.3       | 1013.5         | -15.1       | -1.5   | 1.9            | .0     | 3             | 23    | 5      | 4        | 307   |          |
| 25703 SEJMCHAN                     | 6255N    | 15225E    | 207       |           | 991.1        | 1017.8         | -12.7       | -1.4   | 1.8            | -2.1   | 1             | 3     | -6     | 1        | 318   |          |
| 25954 KORF                         | 6021N    | 16600E    | 3         |           | 1009.9       | 1010.3         | -7.1        | .2     | 2.8            | .2     | 0             | 0     | -20    | 0        | 266   | 0        |
| 28225 PERM                         | 5801N    | 05618E    | 161       |           | 1001.2       | 1022.0         | 9.4         | 6.0    | 6.7            | 1.7    | 6             | 12    | -14    | 2        | 235   | 20       |
| 28440 EKATERINBURG (VERHNEE DUBROV | 5648N    | 06038E    | 237       |           | 989.0        | 1022.9         | 10.6        | 6.5    | 5.7            | .8     | 4             | 7     | -19    | 1        |       |          |
| 28952 KUSTANAJ                     | 5313N    | 06337E    | 171       |           | 1006.5       | 1025.5         | 11.2        | 6.4    | 7.2            | 1.0    | 2             | 4     | -18    | 1        |       |          |
| 29231 KOLPASEV                     | 5818N    | 08254E    | 76        |           | 1013.1       | 1022.6         | 5.0         | 6.0    | 5.6            | 1.5    | 5             | 19    | -4     | 3        | 259   |          |
| 29263 ENISEJSK                     | 5827N    | 09209E    | 78        |           | 1009.8       | 1019.4         | 3.0         | 4.2    | 4.6            | .6     | 6             | 28    | 8      | 5        | 191   | 90       |
| 29282 BOGUCANY                     | 5825N    | 09724E    | 134       |           | 1001.9       | 1018.5         | 2.4         | 3.1    | 4.7            | 1.0    | 9             | 29    | 15     | 6        | 182   | 40       |
| 29838 BARNAUL                      | 5320N    | 08342E    | 196       |           | 1001.5       | 1024.3         | .6          | -2.1   | 6.0            | .7     | 7             | 42    | 15     | 5        | 210   |          |
| 29866 MINUSINSK                    | 5342N    | 09142E    | 251       |           | 990.7        | 1022.0         | 4.8         | 1.9    | 5.6            | 1.0    | 7             | 36    | 23     | 5        | 210   |          |
| 30230 KIRENSK                      | 5746N    | 10807E    | 258       |           | 984.2        | 1016.8         | -2.8        | .0     | 3.2            | -2.2   | 7             | 18    | 4      | 4        | 263   |          |
| 30309 BRATSK                       | 5604N    | 10150E    | 416       |           | 966.8        | 1018.0         | .8          | 1.8    | 4.2            | .5     | 11            | 41    | 25     | 6        | 218   |          |
| 30710 IRKUTSK                      | 5216N    | 10421E    | 485       |           | 960.5        | 1017.5         | 2.8         | 1.8    | 4.5            | .8     | 6             | 64    | 46     | 6        | 206   |          |
| 31004 ALDAN                        | 5837N    | 12522E    | 682       |           | 929.2        | 1012.9         | -6.0        | .0     | 2.9            | .1     | 9             | 43    | 11     | 4        | 274   |          |
| 31088 OHOTSK                       | 5922N    | 14312E    | 6         |           | 1012.5       | 1013.2         | -6.7        | -1.2   | 2.9            | -3.2   | 2             | 11    | -11    | 3        | 287   | 125      |
| 31168 AJAN                         | 5627N    | 13809E    | 9         |           | 1011.6       | 1012.7         | -4.8        | -9     | 3.6            | .1     | 7             | 25    | -26    | 2        | 146   |          |
| 31369 NIKOLAEVSK-NA-AMURE          | 5309N    | 14042E    | 47        |           | 1001.7       |                | -3.6        | -9     | 3.8            | -1.1   | 9             | 62    | 20     | 5        |       |          |
| 31416 IM POLINY OSIPENKO           | 5225N    | 13630E    | 73        |           | 1000.8       | 1009.8         | -1.6        | -1.0   | 4.5            | .7     | 4             | 25    | -5     | 3        | 64    |          |
| 31510 BLAGOVESCENSK                | 5016N    | 12730E    | 137       |           | 990.3        | 1006.5         | 3.0         | .0     | 2.3            | -2.0   | 2             | 42    | 16     | 5        |       |          |
| 31735 HABAROVSK                    | 4831N    | 13510E    | 72        |           | 996.9        | 1008.1         | 3.8         | .3     | 4.6            | -3.3   | 5             | 35    | -2     | 3        | 229   | 115      |
| 31960 VLADIVOSTOK (SAD-GOROD)      | 4307N    | 13154E    | 138       |           | 987.8        |                | 4.1         | .0     | 5.8            | -7.6   | 6             | 34    | -28    | 2        | 190   | 20       |
| 32150 JUZNO-SAHALINSK              | 4655N    | 14244E    | 31        |           | 1006.5       | 1009.5         | 1.6         | .0     | 4.8            | -6.0   | 0             | 63    | 10     | 4        | 183   |          |
| 32195 SIMUSIR                      | 4651N    | 15152E    | 26        |           | 1004.2       | 1007.3         | 1.3         | .6     | 5.6            | .2     | 10            | 71    | -60    | 2        | 105   |          |
| 32411 ICA                          | 5542N    | 15538E    | 4         |           | 1005.2       | 1005.9         | -2.9        | .6     | 4.1            | .2     | 5             | 15    | -16    | 2        | 174   | 105      |
| 32618 NIKOL'SKOE (OSTROV BERINGA)  | 5512N    | 16559E    | 6         |           | 1002.1       | 1004.3         | -5          | .2     | 4.9            | .3     | 12            | 77    | 43     | 6        | 106   | 90       |
| 35121 ORENBURG                     | 5145N    | 05506E    | 109       |           | 1006.8       | 1020.9         | 14.4        | 7.2    | 7.5            | .6     | 0             | 30    | 7      | 4        | 260   |          |
| 35394 KARAGANDA                    | 4948N    | 07308E    | 555       |           | 959.4        | 1025.3         | 8.9         | 4.2    | 5.7            | .1     | 1             | 3     | -21    | 1        | 343   |          |
| 35796 BALHAS                       | 4654N    | 07500E    | 423       |           | 981.3        | 1023.3         | 11.1        | 3.5    | 5.5            | -9     | 0             | T     | -14    | 1        | 360   |          |
| 35925 SAM                          | 4525N    | 05612E    | 82        |           | 1006.6       | 1017.1         | 16.6        | 5.4    | 7.2            | .0     | 0             | 11    | -8     | 2        |       |          |
| 36177 SEMIPALATINSK                | 5021N    | 08015E    | 206       |           | 1000.2       | 1024.1         | 8.2         | 3.0    | 6.3            | .7     | 3             | 13    | -11    | 2        | 277   | 25       |
| 36870 ALMA-ATA                     | 4314N    | 07656E    | 847       |           | 922.1        | 1019.9         | 11.9        | 1.1    | 5.5            | -2.6   | 1             | 1     | -101   | 0        | 252   | 25       |
| 38262 CIMBAJ                       | 4257N    | 05949E    | 66        |           | 1010.8       | 1016.7         |             |        | 7.2            | -2.2   | 2             | 58    | 40     | 5        |       |          |
| 38413 TAMDY                        | 4144N    | 06437E    | 220       |           | 969.6        | 1016.5         | 17.5        | 1.8    | 7.4            | -9     | 1             | 2     | -20    | 1        |       |          |
| 38457 TASHKENT                     | 4116N    | 06916E    | 428       |           | 958.3        | 1014.7         | 16.2        | 1.1    | 10.5           | .2     | 2             | 14    | -45    | 1        | 315   | 145      |
| <b>SAUDI ARABIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 40356 TURAIF                       | 3141N    | 03840E    | 818       |           | 915.2        | 1479 Y         | 17.6        |        | 6.6            |        | 2             | 14    |        |          | 277   |          |
| 40357 ARAR                         | 3054N    | 04108E    | 552       |           | 948.6        | 1010.5         | 20.9        |        | 7.0            |        | 0             | 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. |
| 40360 GURIAT                        | 3125N    | 03716E    | 504       |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 40361 AL-JOUF                       | 2947N    | 04006E    | 689       |           | 953.7        | 1011.1         | 18.6        |        | 7.3            |        | 1             | 2     |        |          | 303   |          |
| 40362 RAFHA                         | 2938N    | 04329E    | 447       |           | 934.2        | 1011.0         | 21.1        |        | 6.5            |        | 1             | 9     |        |          |       |          |
| 40373 HAFR AL-BATIN (AL QAYSUMAH)   | 2820N    | 04607E    | 360       |           | 959.4        | 1009.8         | 22.7        |        | 10.3           |        | 3             | 17    |        |          | 262   |          |
| 40375 TABUK                         | 2822N    | 03638E    | 776       |           | 969.6        | 1010.4         | 24.7        |        | 12.0           |        | 7             | 31    |        |          |       |          |
| 40394 HAIL                          | 2726N    | 04141E    | 1013      |           | 924.6        | 1010.6         | 21.0        | - .3   | 5.7            | -2.2   | 0             | T     | -2     | 3        | 299   |          |
| 40400 WEJH                          | 2612N    | 03628E    | 21        |           | 898.9        | 1505 Y         | 21.9        | 1.1    | 8.2            | -1.0   | 1             | 7     | -17    | 3        | 367   |          |
| 40405 GASSIM                        | 2618N    | 04346E    | 650       |           | 1007.6       | 1010.0         | 23.4        | - .7   | 16.1           | -1.9   | 0             | 0     | 0      | 0        | 307   |          |
| 40416 DHAHRAN                       | 2616N    | 05009E    | 17        |           | 936.2        | 1007.9         | 24.1        | .7     | 11.7           | 2.1    | 6             | 51    | 33     | 6        |       |          |
| 40420 AL AHSА                       | 2517N    | 04929E    | 177       |           | 1008.6       | 1010.6         | 25.2        | - .5   | 16.5           | - .8   | 7             | 4     | -8     | 3        |       |          |
| 40430 MADINAH                       | 2433N    | 03942E    | 636       |           | 990.8        | 1010.9         | 25.8        |        | 12.2           |        | 5             | 12    |        |          |       |          |
| 40437 KING KHALED INT. AIRPORT      | 2456N    | 04643E    | 612       |           | 937.6        | 1006.9         | 28.0        | .4     | 9.9            | .9     | 0             | 0     | -6     | 0        | 374   |          |
| 40438 RIYADH                        | 2443N    | 04643E    | 612       |           | 942.2        | 1009.9         | 24.8        |        | 10.6           |        | 9             | 48    |        |          | 87    |          |
| 40439 YENBO                         | 2409N    | 03804E    | 6         |           | 942.4        | 1010.9         | 25.2        | .4     | 10.4           | - .8   | 8             | 65    | 35     | 5        | 80    |          |
| 41006 MUWAIH                        | 2243N    | 04137E    | 970       |           | 1007.0       | 1007.7         | 25.9        |        | 16.3           |        | 0             | 0     |        |          |       |          |
| 41024 JEDDAH (KING ABDUL AZIZ INT.) | 2140N    | 03909E    | 18        |           | 903.7        | 1005 Y         | 22.1        |        | 13.4           |        | 2             | 2     |        |          |       |          |
| 41030 MAKKAH                        | 2129N    | 03950E    | 310       |           | 1006.6       | 1008.7         | 27.4        |        | 20.9           |        | 0             | 0     |        |          | 267   |          |
| 41036 TAIF                          | 2129N    | 04033E    | 1454      |           | 980.3        | 1007.4         | 30.3        |        | 18.8           |        | 0             | 0     |        |          |       |          |
| 41055 AL BAHА                       | 2018N    | 04138E    | 1662      |           | 854.4        | 1497 Y         | 22.6        |        | 14.2           |        | 3             | 28    |        |          | 372   |          |
| 41061 WADI AL DAWASER AIRPORT       | 2030N    | 04512E    | 622       |           | 835.2        | 1507 Y         | 21.3        |        | 11.4           |        | 6             | 21    |        |          | 242   |          |
| 41084 BISHA                         | 1959N    | 04237E    | 1163      |           | 939.6        | 1007.3         | 28.4        |        | 12.7           |        | 5             | 18    |        |          | 237   |          |
| 41112 ABHA                          | 1814N    | 04239E    | 2093      |           | 882.9        | 1493 Y         | 25.6        |        | 13.0           |        | 3             | 27    |        |          | 264   |          |
| 41114 KHAMIS MUSHAIT                | 1818N    | 04248E    | 2054      |           | 792.6        | 1486 Y         | 17.7        |        | 14.5           |        | 4             | 16    |        |          | 274   |          |
| 41128 NAJRAH                        | 1737N    | 04426E    | 1210      |           | 797.2        | 1499 Y         | 18.9        |        | 13.5           |        | 4             | 39    |        |          | 278   |          |
| 41136 SHARURAH                      | 1728N    | 04707E    | 722       |           | 878.9        | 1501 Y         | 26.4        |        | 13.7           |        | 1             | 1     |        |          | 266   |          |
| 41140 GIZAN                         | 1654N    | 04235E    | 3         |           | 928.6        | 1006.4         | 29.1        |        | 10.6           |        | 2             | 12    |        |          | 284   |          |
|                                     |          |           |           |           | 1007.1       | 1007.8         | 30.6        |        | 29.7           |        | 1             | 15    |        |          |       |          |
| <b>KUWAIT</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 40582 KUWAIT INTERNATIONAL AIRPORT  | 2913N    | 04759E    | 55        |           | 1005.9       | 1012.5         | 24.8        |        | 12.0           |        | 5             | 22    |        |          | 255   | 110      |
| <b>BAHRAIN</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 41150 BAHRAIN (INT. AIRPORT)        | 2616N    | 05039E    | 2         |           | 1011.2       | 1011.4         | 24.6        |        | 18.0           |        | 4             | 22    |        | 5        |       |          |
| <b>UNITED ARAB EMIRATES</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 41216 ABU DHABI BATEEN AIRPORT      | 2426N    | 05428E    | 3         |           | 1010.5       | 1011.0         | 26.0        |        | 16.2           |        | 0             | 0     |        | 1        | 289   | 105      |
| 41217 ABU DHABI INTER. AIRPORT      | 2426N    | 05439E    | 27        | 30        | 1008.0       | 1010.8         | 25.9        | 6.5    | 15.1           | 6.4    | 1             | 2     | -10    | 1        | 299   | 100      |
| <b>OMAN</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 41256 SEEB, INTERNATIONAL AIRPORT   | 2335N    | 05817E    | 15        |           | 1009.1       | 1010.1         | 27.7        | 8.3    | 17.9           | 9.2    | 1             | 4     | -8     | 2        | 282   | 0        |
| 41268 SUR                           | 2232N    | 05929E    | 14        |           | 1010.1       | 1011.6         | 29.5        | 10.1   | 21.8           | 13.1   | 1             | 14    | 2      | 4        | 300   | 0        |
| 41288 MASIRAH                       | 2040N    | 05854E    | 19        |           | 1009.0       | 1011.2         | 27.9        | 8.5    | 27.2           | 18.5   | 0             | 0     | -12    | 0        | 314   | 0        |
| 41314 THUMRAIT                      | 1740N    | 05402E    | 467       |           | 957.0        | 1012.3         | 27.1        | 7.7    | 14.9           | 6.2    | 0             | 0     | -12    | 0        | 0     | 0        |
| 41316 SALALAH                       | 1702N    | 05405E    | 20        |           | 1009.4       | 1012.1         | 28.3        | 8.9    | 25.1           | 16.4   | 1             | 8     | -4     | 3        | 327   | 0        |
| <b>PAKISTAN</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 41530 PESHAWAR                      | 3401N    | 07135E    | 360       |           | 969.7        | 1010.3         | 20.6        | -2.4   | 15.7           | 1.4    | 09            | 0130  | 0082   | 5        |       |          |
| 41560 PARACHINAR                    | 3352N    | 07005E    | 1726      | 30        | 826.9        |                | 11.3        | -3.8   | 9.8            | 1.1    | 11            | 170   | 42     | 4        |       |          |
| 41598 JHELUM                        | 3256N    | 07343E    | 234       |           | 982.3        | 1008.9         | 23.1        | -2.9   | 15.6           | 2.3    | 07            | 0041  | 0023   | 4        |       |          |
| 41620 ZHOB                          | 3121N    | 06928E    | 1407      |           | 857.0        | 1474 Y         | 17.9        | -2.2   | 10.2           | 2.3    | 07            | 0069  | 0039   | 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. |
|                            |          |           |           |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr      |          |
| 41624 DERA ISMAIL KHAN     | 3149N    | 07055E    | 173       |           | 989.8        | 1009.4         | 23.2        | -2.9   | 19.2           | 3.6    | 07            | 0053  | 0030   | 5        | 087     |          |
| 41640 LAHORE CITY          | 3133N    | 07420E    | 215       |           | 984.5        | 1008.8         | 25.2        | -1.6   | 15.7           | 2.1    | 04            | 0018  | 0005   | 4        |         |          |
| 41660 QUETTA AIRPORT       | 3015N    | 06653E    | 1589      |           | 839.0        | 1479 Y         | 16.6        | .5     | 9.2            | -.7    | 02            | 0011  | -6     | 3        |         |          |
| 41675 MULTAN               | 3012N    | 07126E    | 123       |           | 995.0        | 1009.2         | 24.8        | -3.2   | 15.4           | .9     | 07            | 0061  | 0050   | 6        | 093     |          |
| 41712 DAL BANDIN           | 2853N    | 06424E    | 850       | 30        | 915.2        | 1491 Y         | 23.4        | -.1    | 13.8           | 5.5    | 02            | 0016  | 0008   | 5        |         |          |
| 41715 JACOBABAD            | 2818N    | 06828E    | 56        |           | 1001.5       | 1007.7         | 28.2        | -1.9   | 19.4           | 5.3    | 3             | 17    | 15     | 6        | 111     |          |
| 41739 PANJGUR              | 2658N    | 06406E    | 981       | 30        | 903.2        | 1555 Y         | 23.1        | .1     | 11.8           | -.5    | 3             | 15    | 9      | 5        |         |          |
| 41756 JIWANI               | 2504N    | 06148E    | 57        | 30        | 1003.5       | 1009.8         | 25.2        | -1.8   | 20.1           | -2.8   | 0             | 0     | -3     | 4        |         |          |
| 41768 CHHOR                | 2531N    | 06947E    | 6         |           | 1007.4       | 1008.2         | 27.9        | -2.4   | 17.7           | 1.5    | 0             | 0     | -1     | 4        |         |          |
| 41780 KARACHI AIRPORT      | 2454N    | 06708E    | 22        |           | 1006.6       | 1009.2         | 28.1        | -.1    | 22.0           | -.8    | 0             | 0     | -2     | 4        | 096     |          |
| <b>INDIA</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |         |          |
| 42027 SRINAGAR             | 3405N    | 07450E    | 1587      | 30        | 842.5        |                | 12.5        | -1.0   | 10.3           | .1     | 15            | 121   | 34     | 5        | 55      |          |
| 42071 AMRITSAR             | 3138N    | 07452E    | 234       | 30        | 982.5        | 1008.9         | 23.3        | -1.9   | 16.3           | .7     | 4             | 18    | 6      | 4        | 85      |          |
| 42147 MUKTESHWAR KUMAON    | 2928N    | 07939E    | 2311      | 30        | 776.1        |                |             |        |                |        | 4             | 37    | 8      | 4        |         |          |
| 42165 BIKANER              | 2800N    | 07318E    | 224       | 30        | 982.5        | 1007.0         | 29.3        | -.1    | 12.1           | 1.3    | 2             | 6     | 3      | 4        |         |          |
| 42182 NEW DELHI/SAFDARJUNG | 2835N    | 07712E    | 216       |           | 983.1        | 1007.1         | 28.1        | -.8    | 12.9           | .0     | 0             | 1     | -6     | 3        | 243 93  |          |
| 42261 AGRA                 | 2710N    | 07802E    | 169       | 29        | 987.3        | 1006.0         | 27.4        | -2.7   | 26.3           | 10.7   | 1             | 17    | 14     | 5        |         |          |
| 42314 DIBRUGARH/MOHANBARI  | 2729N    | 09501E    | 111       | 30        | 996.7        | 1009.4         | 23.7        | .1     | 20.3           | -1.1   | 13            | 112   | -90    | 1        |         |          |
| 42339 JODHPUR              | 2618N    | 07301E    | 224       |           | 983.1        | 1007.1         | 30.2        | -.6    | 13.3           | 2.8    | 0             | 0     | -1     | 4        | 297 99  |          |
| 42410 GAUHATI              | 2606N    | 09135E    | 54        |           | 1001.5       | 1007.6         | 25.6        | -.3    | 22.1           | -.2    | 11            | 132   | 1      | 3        | 208     |          |
| 42452 KOTA AERODROME       | 2509N    | 07551E    | 274       | 30        | 977.1        | 1007.1         | 31.5        | -.2    | 9.0            |        | 0             | 0     | -1     | 4        |         |          |
| 42475 ALLAHABAD/BAMHRAULI  | 2527N    | 08144E    | 98        | 30        | 995.8        | 1006.6         | 30.9        | -.1    | 11.8           | -.7    | 2             | 12    | 7      | 5        |         |          |
| 42515 CHERRAPUNJI          | 2515N    | 09144E    | 1313      | 30        | 868.2        | 1493 Y         | 19.4        | .7     | 18.0           | .3     | 18            | 332   | -280   | 1        |         |          |
| 42587 DALTONGANJ           | 2403N    | 08404E    | 221       | 30        | 981.0        | 1006.3         | 30.3        | .3     | 12.9           |        | 0             | 0     | -8     | 3        |         |          |
| 42619 SILCHAR              | 2445N    | 09248E    | 29        |           | 1004.9       | 1008.3         | 26.9        | 1.3    |                |        | 17            | 223   | -69    | 3        |         |          |
| 42647 AHMADABAD            | 2304N    | 07238E    | 55        |           | 1002.3       | 1008.5         | 30.9        | -.3    | 14.4           | -2.2   | 1             | 2     | 1      | 5        | 301 99  |          |
| 42671 SAGAR                | 2351N    | 07845E    | 551       | 30        | 947.2        | 1006.8         | 29.5        | -.6    | 8.8            | -3.1   | 1             | 3     | 1      | 5        |         |          |
| 42731 DWARKA               | 2222N    | 06905E    | 11        |           | 1008.7       | 1010.1         | 27.3        | .1     | 31.6           | 1.7    | 0             | 0     | 0      | 5        |         |          |
| 42754 INDORE               | 2243N    | 07548E    | 567       | 30        | 945.8        | 1007.0         | 29.5        | -.2    | 9.1            | -1.4   | 1             | 3     | 1      | 4        |         |          |
| 42807 CALCUTTA/ALIPORE     | 2232N    | 08820E    | 6         |           | 1006.1       | 1006.9         | 31.5        | .8     | 28.1           | -.4    | 2             | 25    | -22    | 3        | 245 94  |          |
| 42867 NAGPUR SONEGAON      | 2106N    | 07903E    | 310       | 30        | 972.9        | 1006.7         | 30.2        | -1.9   | 14.6           | 1.9    | 3             | 11    | -2     | 3        | 95      |          |
| 42909 VERAVAL              | 2054N    | 07022E    | 8         |           | 1008.6       | 1009.5         | 27.1        | .2     | 26.5           | -1.8   | 0             | 0     | 0      | 5        |         |          |
| 42933 AKOLA                | 2042N    | 07702E    | 282       |           | 975.8        | 1006.5         | 31.7        | -1.1   | 13.8           | 1.7    | 01            | 0002  | -004   | 4        |         |          |
| 42971 BHUBANESWAR          | 2015N    | 08550E    | 46        | 30        | 1002.7       | 1007.7         | 31.8        | .1     | 28.2           |        | 2             | 7     | -21    | 2        | 60      |          |
| 43041 JAGDALPUR            | 1905N    | 08202E    | 553       |           | 947.6        | 1007.3         | 29.5        | -.3    | 19.2           | 1.0    | 3             | 27    | -32    | 2        |         |          |
| 43057 BOMBAY/COLABA        | 1854N    | 07249E    | 11        | 30        | 1007.5       | 1008.7         | 28.5        | -.2    | 28.1           | -.7    | 0             | 0     | -2     | 3        | 90      |          |
| 43063 POONA                | 1832N    | 07351E    | 559       |           | 946.9        | 1007.5         | 28.4        | -1.0   | 13.6           | -1.0   | 03            | 0035  | 0019   | 5        | 273 93  |          |
| 43128 HYDERABAD AIRPORT    | 1727N    | 07828E    | 545       |           | 948.1        | 1006.7         | 30.9        | .1     | 18.1           | 1.6    |               |       |        |          | 287 100 |          |
| 43149 VISHAKHAPATNAM       | 1743N    | 08314E    | 3         |           | 1008.3       | 1008.7         | 30.3        | -.3    | 29.7           | -1.0   | 4             | 20    | -7     | 4        |         |          |
| 43185 MACHILIPATNAM        | 1612N    | 08109E    | 3         |           | 1008.3       | 1008.7         | 30.3        | .5     | 30.1           | -1.1   | 0             | 0     | -13    | 3        | 253     |          |
| 43192 GOA/PANJIM           | 1529N    | 07349E    | 60        |           | 1001.9       | 1008.7         | 29.3        | .1     | 29.1           | .7     | 1             | 2     | -9     | 3        | 288     |          |
| 43198 BELGAUM/SAMBRA       | 1551N    | 07437E    | 747       | 30        | 926.6        | 1006.8         | 28.3        |        | 17.1           |        | 5             | 29    | 0      |          |         |          |
| 43279 MADRAS/MINAMBAKKAM   | 1300N    | 08011E    | 16        | 30        | 1007.0       | 1008.7         | 30.5        | -.1    | 31.1           | 1.5    | 1             | 5     | -11    | 3        | 100     |          |
| 43295 BANGALORE            | 1258N    | 07735E    | 921       | 30        | 908.5        | 1507 Y         | 27.8        | .3     | 17.4           | -.5    | 4             | 34    | -13    | 3        | 100     |          |
| 43314 KOZHIKODE            | 1115N    | 07547E    | 5         |           | 1008.3       | 1008.9         | 29.7        |        | 31.5           |        | 6             | 67    |        | 2        |         |          |
| 43363 PAMBAN               | 0916N    | 07918E    | 11        | 30        | 1007.5       | 1008.7         | 30.7        | .9     | 31.9           | -1.1   | 6             | 47    | -19    | 3        |         |          |
| 43369 MINICOY              | 0818N    | 07309E    | 2         |           | 1008.7       | 1008.9         | 29.9        | 1.3    | 32.9           | 2.8    | 7             | 45    | -28    | 2        | 243     |          |
| 43371 TRIVANDRUM           | 0829N    | 07657E    | 64        |           | 1001.9       | 1009.1         | 28.8        | .0     | 30.8           | .4     | 9             | 189   | 74     | 5        |         |          |

## SURFACE

APRIL 1995

| STATION                  | LATITUDE          | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |     |
|--------------------------|-------------------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|-----|
|                          |                   |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |     |
|                          | °                 | °         | m         |           | mb           | mb             | °           | ° c    | mb             | mb     |               | mm    | mm     |          | hr    |          |     |
| <b>SRI LANKA</b>         |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 43418                    | TRINCOMALEE       | 0835N     | 08115E    | 7         |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 43466                    | COLOMBO           | 0654N     | 07952E    | 7         | 1000.4       | 1009.2         | 29.0        | -.2    | 33.3           | 4.8    | 11            | 67    | 8      | 4        |       |          |     |
| 43497                    | HAMBANTOTA        | 0607N     | 08108E    | 20        | 1008.2       | 1009.2         | 28.1        | .2     | 31.5           | .5     | 20            | 375   | 89     | 4        |       |          |     |
|                          |                   |           |           |           | 1007.1       | 1008.9         | 28.5        | .5     | 32.3           | 2.2    | 8             | 208   | 117    | 6        |       |          |     |
| <b>MONGOLIA</b>          |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 44212                    | ULAAAN-GOM        | 4948N     | 09205E    | 936       | 917.9        | 1032.2         | -1.6        |        | 4.0            |        | 0             | T     |        |          | 69    |          |     |
| 44214                    | UIGI              | 4858N     | 08958E    | 1714      | 827.5        | 1020.6         | 2.4         |        | 3.5            |        | 2             | 2     |        | 2        |       |          |     |
| 44231                    | MUREN             | 4938N     | 10010E    | 1288      | 868.9        | 1017.7         | 1.7         |        | 3.2            |        | 0             | 1     |        | 1        | 225   | 90       |     |
| 44239                    | BULGAN            | 4848N     | 10333E    | 1210      | 874.5        | 1015.3         | 5.4         |        | 4.3            |        | 3             | 13    |        | 4        |       |          |     |
| 44259                    | CHOIBALSAN        | 4804N     | 11430E    | 756       | 915.2        | 1003.4         | 2.1         |        |                |        | 3             | 12    |        | 5        | 331   | 125      |     |
| 44272                    | ULIASTAI          | 4745N     | 09651E    | 1753      | 820.2        | 1017.0         | -.5         |        | 3.1            |        | 3             | 9     |        | 3        | 227   | 85       |     |
| 44277                    | ALTAI             | 4624N     | 09615E    | 2147      | 780.5        | 1015.4         | -1.2        |        | 2.7            |        | 4             | 7     |        | 2        |       |          |     |
| 44288                    | ARVAIHEER         | 4616N     | 10247E    | 1813      | 814.0        | 1015.5         | 1.5         |        | 3.2            |        | 1             | 1     |        | 2        |       |          |     |
| 44292                    | ULAAAN-BAATOR     | 4756N     | 10659E    | 1338      | 865.4        | 1016.4         | -.4         |        | 3.0            |        | 5             | 19    |        | 5        | 224   | 10       |     |
| 44341                    | MANDALGOVI        | 4546N     | 10617E    | 1398      | 855.7        | 1015.9         | 1.6         |        | 2.9            |        | 1             | 2     |        | 2        |       |          |     |
| 44354                    | SAINSHAND         | 4454N     | 11007E    | 936       | 904.1        | 1011.8         | 4.9         |        | 3.0            |        | 0             | T     |        | 1        |       |          |     |
| 44373                    | DALANZADGAD       | 4335N     | 10425E    | 1470      | 850.3        | 1015.4         | 4.6         |        | 3.2            |        | 1             | 4     |        | 3        | 314   | 120      |     |
| <b>NEPAL</b>             |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 44454                    | KATHMANDU AIRPORT | 2742N     | 08522E    | 1337      | 864.0        | 1478 Y         | 19.8        | -.6    | 13.5           |        | 1             | 3     | -29    | 0        | 259   | 110      |     |
| <b>HONG KONG</b>         |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 45004                    | KING'S PARK       | 2219N     | 11410E    | 66        | 30           | 1005.9         | 1013.6      | 22.3   | -.3            | 22.6   | .4            | 6     | 0082   | 0079     | 2     | 143      | 131 |
| <b>MACAU</b>             |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 45011                    | MACAO             | 2212N     | 11332E    | 59        | 1006.7       | 1013.6         | 22.4        | .2     | 24.2           | 1.6    | 4             | 25    | -131   | 2        | 96    | 105      |     |
| <b>DPR KOREA</b>         |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 47014                    | CHUNGGANG         | 4147N     | 12653E    | 332       | 974.0        | 1013.6         | 6.4         |        | 5.8            |        | 9             | 443   |        | 3        |       |          |     |
| 47016                    | HYESAN            | 4124N     | 12810E    | 714       | 926.3        |                | 3.9         |        | 4.9            |        | 4             | 23    |        | 2        |       |          |     |
| 47025                    | KIMCHAEK          | 4040N     | 12912E    | 23        | 1009.1       | 1011.9         | 8.1         |        | 7.4            |        | 7             | 24    |        | 2        |       |          |     |
| 47035                    | SINUJU            | 4006N     | 12423E    | 7         | 913.6        | 1014.4         | 8.6         |        | .0             |        | 4             | 22    |        | 4        |       |          |     |
| 47055                    | WONSAN            | 3911N     | 12726E    | 36        | 1009.0       | 1013.4         | 11.7        |        | 5.7            |        | 3             | 171   |        | 1        |       |          |     |
| 47058                    | PYONGYANG         | 3902N     | 12547E    | 38        | 1010.5       | 1015.1         | 9.9         |        | 6.7            |        | 5             | 191   |        | 0        |       |          |     |
| 47069                    | HAEMU             | 3802N     | 12542E    | 81        | 1005.0       | 1014.8         | 9.6         |        | 7.1            |        | 4             | 16    |        | 1        |       |          |     |
| <b>REPUBLIC OF KOREA</b> |                   |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |     |
| 47105                    | KANGNUNG          | 3745N     | 12854E    | 27        | 1010.2       | 1013.5         | 12.9        | 1.3    | 7.3            | -.9    | 4             | 36    | -44    | 2        | 220   | 96       |     |
| 47108                    | SEOUL             | 3734N     | 12658E    | 87        | 1004.7       | 1015.2         | 11.3        |        | 6.6            |        | 3             | 44    |        | 3        | 240   | 115      |     |
| 47115                    | ULLUNGDO          | 3729N     | 13054E    | 223       | 988.4        | 1015.1         | 10.7        | .4     | 9.6            |        | 6             | 63    | -42    | 1        | 224   | 115      |     |
| 47133                    | TAEJON            | 3618N     | 12724E    | 78        | 1007.0       | 1015.5         | 11.6        |        | 7.4            |        | 4             | 55    |        | 2        | 248   | 115      |     |
| 47138                    | POHANG            | 3602N     | 12923E    | 6         | 1014.8       | 1015.3         | 13.9        |        | 7.4            |        | 5             | 65    |        | 3        | 251   | 130      |     |
| 47159                    | PUSAN             | 3506N     | 12902E    | 71        | 1006.5       | 1015.0         | 13.3        | .7     | 9.5            | -.4    | 5             | 124   | -31    | 2        | 217   | 99       |     |
| 47165                    | MOKP'Ō            | 3447N     | 12623E    | 56        | 1009.9       | 1016.8         | 11.4        | -.4    | 8.5            | -2.1   | 5             | 72    | -36    | 2        | 209   | 100      |     |
| 47168                    | YOSU              | 3444N     | 12744E    | .68       | 1007.3       | 1015.5         | 12.6        |        | 8.8            |        | 5             | 89    |        | 2        | 238   | 115      |     |
| 47184                    | CHEJU             | 3331N     | 12632E    | 24        | 1013.7       | 1023.2         | 13.3        |        | 10.8           |        | 8             | 73    |        | 2        | 178   | 95       |     |

## SURFACE

APRIL 1995

| STATION                | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                        |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
|                        | '        | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>JAPAN</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 47401 WAKKANAI         | 4525N    | 14141E    | 11        |           | 1008.2       | 1009.6         | 4.8         | .5     | 6.4            | .3     | 7             | 37    | -22    | 2        | 152   | 83       |
| 47407 ASAHIKAWA        | 4346N    | 14222E    | 116       |           | 996.4        | 1010.5         | 6.2         | 1.5    | 6.2            | .5     | 14            | 86    | 22     | 5        | 151   | 81       |
| 47409 ABASHIRI         | 4401N    | 14417E    | 43        |           | 1005.0       | 1010.3         | 4.4         | .4     | 6.2            | .6     | 13            | 76    | 27     | 5        | 147   | 75       |
| 47412 SAPPORO          | 4303N    | 14120E    | 19        |           | 1008.4       | 1010.7         | 7.3         | 1.1    | 6.6            | .5     | 14            | 107   | 41     | 5        | 159   | 80       |
| 47418 KUSHIRO          | 4259N    | 14424E    | 37        |           | 1006.4       | 1010.9         | 4.2         |        | 6.7            |        | 14            | 165   | 5      | 5        | 158   | 90       |
| 47420 NEMURO           | 4320N    | 14535E    | 26        |           | 1006.3       | 1011.1         | 3.5         | .4     | 6.4            | .3     | 14            | 141   | 58     | 6        | 134   | 69       |
| 47421 SUITSU           | 4248N    | 14014E    | 38        |           | 1006.3       | 1011.0         | 6.6         |        | 6.6            |        | 12            | 81    | 4      | 4        | 136   | 75       |
| 47426 URAKAWA          | 4210N    | 14247E    | 33        |           | 1007.4       | 1011.4         | 5.3         | .4     | 7.1            | .6     | 14            | 101   | 4      | 4        | 191   | 91       |
| 47430 HAKODATE         | 4149N    | 14045E    | 36        |           | 1006.3       | 1011.6         | 7.2         | .7     | 6.9            |        | 13            | 111   | 21     | 4        | 175   | 95       |
| 47575 AOMORI           | 4049N    | 14046E    | 3         |           | 1011.7       | 1012.1         | 8.5         | 1.1    | 7.6            |        | 16            | 143   | 64     | 6        | 160   | 85       |
| 47582 AKITA            | 3943N    | 14006E    | 21        |           | 1010.9       | 1013.5         | 10.0        | 1.2    | 8.2            | -.1    | 14            | 154   | 12     | 4        | 161   | 85       |
| 47585 MIYAKO           | 3939N    | 14158E    | 46        |           | 1006.7       | 1012.4         | 9.8         | 1.1    | 7.9            | .6     | 10            | 85    | 12     | 4        | 186   | 89       |
| 47590 SENDAI           | 3816N    | 14054E    | 43        |           | 1008.3       | 1013.6         | 11.3        | 1.3    | 9.0            | 1.0    | 8             | 61    | -20    | 2        | 189   | 93       |
| 47598 ONAHAMA          | 3657N    | 14054E    | 5         |           | 1013.7       | 1014.3         | 12.9        |        | 10.1           |        | 12            | 92    | 2      | 2        | 184   | 100      |
| 47600 WAJIMA           | 3723N    | 13654E    | 14        |           | 1012.9       | 1014.5         | 11.5        | 1.0    | 9.3            | .1     | 13            | 141   | -1     | 3        | 177   | 83       |
| 47604 NIIGATA          | 3755N    | 13903E    | 7         | 30        | 1013.7       | 1014.4         | 12.0        | 1.3    | 8.6            | -.3    | 15            | 115   | 18     | 4        | 192   | 96       |
| 47605 KANAZAWA         | 3635N    | 13638E    | 33        |           | 1010.8       | 1014.8         | 12.9        | 1.0    | 9.5            | -.3    | 13            | 158   | -1     | 3        | 169   | 87       |
| 47618 MATSUMOTO        | 3615N    | 13758E    | 611       |           | 942.7        | 1014.0         | 10.3        | .1     | 7.6            | .0     | 10            | 69    | -26    | 2        | 188   | 83       |
| 47624 MAEBASHI         | 3624N    | 13904E    | 113       |           | 1000.7       | 1014.2         | 13.5        | 1.1    | 8.3            | -.7    | 9             | 37    | -40    | 1        | 206   | 100      |
| 47636 NAGOYA           | 3510N    | 13658E    | 56        |           | 1008.8       | 1015.5         | 13.5        | .0     | 10.0           | -.5    | 16            | 203   | 48     | 5        | 165   | 83       |
| 47648 CHOSHI           | 3544N    | 14052E    | 28        |           | 1011.0       | 1014.3         | 14.1        | .7     | 11.9           | .2     | 14            | 95    | -39    | 1        | 165   | 90       |
| 47655 OMAEZAKI         | 3436N    | 13813E    | 47        |           | 1008.7       | 1014.3         | 14.1        | -.1    | 11.2           | -1.3   | 17            | 305   | 109    | 5        | 153   | 72       |
| 47662 TOKYO            | 3541N    | 13946E    | 36        |           | 1009.8       | 1014.1         | 15.0        | 1.1    | 9.9            | -.5    | 12            | 100   | -26    | 2        | 159   | 88       |
| 47678 HACHIJOJIMA      | 3306N    | 13947E    | 80        |           | 1005.4       | 1014.9         | 16.3        | .0     | 13.6           | -.7    | 15            | 234   | -18    | 3        | 128   | 77       |
| 47744 YONAGO           | 3526N    | 13321E    | 8         | 30        | 1014.0       | 1014.9         | 12.9        | .6     | 10.1           | -.1    | 11            | 85    | -39    | 1        | 156   | 76       |
| 47755 HAMADA           | 3454N    | 13204E    | 20        |           | 1012.6       | 1015.0         | 13.0        | .1     | 10.6           |        | 8             | 86    | -50    | 1        | 167   | 95       |
| 47765 HIROSHIMA        | 3424N    | 13228E    | 53        | 30        | 1009.2       | 1015.6         | 13.9        | .6     | 10.7           | -.2    | 11            | 137   | -41    | 2        | 160   | 78       |
| 47772 OSAKA            | 3441N    | 13531E    | 50        |           | 1005.5       | 1015.3         | 14.6        | .2     | 10.0           | -.5    | 12            | 101   | -47    | 1        | 161   | 82       |
| 47778 SHIONOMISAKI     | 3327N    | 13546E    | 75        |           | 1006.1       | 1015.0         | 15.0        | -.4    | 12.0           | -.8    | 15            | 202   | -69    | 2        | 169   | 82       |
| 47800 IZUHARA          | 3412N    | 12918E    | 19        |           | 1012.9       | 1015.1         | 13.5        | .3     | 10.5           | -.4    | 11            | 176   | -56    | 2        | 203   | 105      |
| 47807 FUKUOKA          | 3335N    | 13023E    | 14        |           | 1013.8       | 1015.5         | 14.4        | .2     | 11.3           | -.1    | 11            | 107   | -41    | 2        | 172   | 91       |
| 47815 OITA             | 3314N    | 13137E    | 13        |           | 1014.0       | 1015.5         | 13.6        | -.2    | 10.7           | -.9    | 12            | 128   | -17    | 3        | 157   | 81       |
| 47817 NAGASAKI         | 3244N    | 12952E    | 35        |           | 1011.2       | 1015.4         | 14.5        | -.5    | 11.7           | -.5    | 11            | 163   | -41    | 2        | 147   | 78       |
| 47827 KAGOSHIMA        | 3134N    | 13033E    | 5         |           | 1011.7       | 1015.4         | 15.8        | -.4    | 13.3           | -.6    | 14            | 425   | 166    | 5        | 124   | 69       |
| 47830 MIYAZAKI         | 3155N    | 13125E    | 7         |           | 1014.1       | 1015.0         | 15.6        | -.2    | 13.4           | -.5    | 15            | 265   | 41     | 4        | 142   | 90       |
| 47837 TANEGASHIMA      | 3044N    | 13100E    | 18        |           | 1012.9       | 1015.1         | 17.7        |        | 15.7           |        | 15            | 408   |        | 6        | 113   | 75       |
| 47843 FUKUE            | 3242N    | 12850E    | 26        |           | 1012.3       | 1015.5         | 13.6        |        | 11.7           |        | 12            | 190   |        | 2        | 163   | 105      |
| 47891 TAKAMATSU        | 3419N    | 13403E    | 10        |           | 1014.2       | 1015.4         | 13.5        | .7     | 10.4           |        | 12            | 71    | -27    | 2        | 158   | 85       |
| 47893 KOCHI            | 3333N    | 13332E    | 18        | 30        | 1013.2       | 1015.3         | 14.6        | -.9    | 11.1           | -1.3   | 15            | 194   | -112   | 1        | 152   | 78       |
| 47898 SHIMIZU/ASHIZURI | 3243N    | 13301E    | 33        |           | 1011.2       | 1015.1         | 15.6        | -1.0   | 12.4           | -1.1   | 13            | 210   | -38    | 2        | 152   | 75       |
| 47909 NAZE             | 2823N    | 12930E    | 7         |           | 1014.4       | 1015.3         | 20.2        | .2     | 18.2           | .9     | 15            | 229   | 10     | 4        | 90    | 72       |
| 47918 ISHIGAKIJIMA     | 2420N    | 12410E    | 7         |           | 1013.7       | 1014.5         | 23.9        | 1.0    | 24.1           | 1.3    | 8             | 38    | -107   | 2        | 165   | 111      |
| 47927 MIYAKOJIMA       | 2447N    | 12517E    | 41        |           | 1010.1       | 1014.8         | 23.2        | 1.2    | 24.5           | 2.5    | 6             | 51    | -128   | 2        | 144   | 109      |
| 47936 NAHA             | 2612N    | 12741E    | 53        |           | 1009.2       | 1015.4         | 22.1        | 1.2    | 22.3           | 2.4    | 7             | 49    | -119   | 1        | 130   | 90       |
| 47945 MINAMIDAITOJIMA  | 2550N    | 13114E    | 15        |           | 1014.2       | 1016.0         | 22.1        | .7     | 23.0           | 2.2    | 5             | 38    | -71    | 2        | 190   | 131      |
| 47971 CHICHIJIMA       | 2705N    | 14211E    | 8         |           | 1016.4       | 1017.3         | 22.0        | .5     | 21.7           |        | 4             | 13    | -96    | 1        | 166   | 105      |
| 47991 MINAMITORISHIMA  | 2418N    | 15358E    | 9         |           | 1016.6       | 1017.6         | 24.5        |        | 23.2           |        | 3             | 6     |        |          | 291   | 120      |

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| STATION        | LATITUDE      | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|----------------|---------------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                |               |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
| <b>LAO PDR</b> |               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 48930          | LUANG-PRABANG | 1953N     | 10208E    | 305       |              |                |             |        |                |        |               |       |        |          |       |          |
| 48938          | SAYABOURY     | 1914N     | 10144E    | 326       | 972.2        | 1006.1         | 29.2        | 2.0    | 25.9           | - .5   | 5             | 49    | -43    | 2        |       |          |
| 48940          | VIENTIANE     | 1757N     | 10234E    | 171       | 985.7        | 1004.9         | 28.6        |        | 23.6           |        | 6             | 8     |        | 1        |       |          |
| 48947          | SAVANNAKHET   | 1633N     | 10439E    | 145       | 989.2        | 1008.5         | 30.8        | 2.4    | 26.8           | 1.6    | 6             | 71    | -16    | 3        |       |          |
| 48948          | SENO          | 1640N     | 10500E    | 185       | 993.0        | 1010.5         | 29.0        | - .1   | 25.6           | - .1   | 5             | 46    | -45    | 2        |       |          |
| 48955          | PAKSE         | 1507N     | 10510E    | 102       | 987.5        | 1008.3         | 20.9        | -7.5   | 25.9           | 2.7    | 4             | 56    | -43    | 2        |       |          |
|                |               |           |           |           | 997.5        | 1007.9         | 31.6        |        | 25.3           |        | 3             | 18    |        | 1        |       |          |
| <b>CHINA</b>   |               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 50527          | HAILAR        | 4913N     | 11945E    | 611       |              | 976.1          | 1.2         | -1.4   | 3.5            |        | 2             | 11    | -3     | 3        | 263   | 105      |
| 50745          | QIQIHAR       | 4723N     | 12355E    | 148       |              | 1007.9         | 5.2         | - .4   | 4.4            |        | 3             | 14    | 2      | 4        | 227   | 90       |
| 51076          | ALTAY         | 4744N     | 08805E    | 737       |              | 1020.7         | 8.6         | 1.6    | 4.5            |        | 1             | 3     | -11    | 1        |       |          |
| 51431          | YINING        | 4357N     | 08120E    | 663       |              | 1019.3         | 13.2        | 1.1    | 5.7            |        | 0             | T     | -27    | 1        | 328   | 135      |
| 51463          | URUMQI        | 4347N     | 08737E    | 919       |              | 1020.7         | 10.8        | .8     | 4.8            |        | 4             | 15    | -14    | 2        | 274   | 110      |
| 51709          | KASHI         | 3928N     | 07559E    | 1291      |              | 1016.1         | 12.6        | -2.8   | 6.7            |        | 3             | 41    | 36     | 5        | 163   | 75       |
| 51777          | RUOQIANG      | 3902N     | 08810E    | 889       |              | 1015.4         | 13.8        | -1.1   | 4.3            |        | 3             | 9     | 8      | 5        | 238   | 95       |
| 51828          | HOTAN         | 3708N     | 07956E    | 1375      |              | 1013.4         | 14.2        | -2.3   | 5.4            |        | 1             | 2     | -1     | 4        | 196   | 95       |
| 52203          | HAMI          | 4249N     | 09331E    | 739       |              | 1015.5         | 13.1        | - .1   | 3.8            |        | 1             | 6     | 3      | 5        | 298   | 105      |
| 52533          | JIUQUAN       | 3946N     | 09829E    | 1478      |              | 1017.9         | 8.8         | - .6   | 3.0            |        | 0             | T     | -5     | 2        | 264   | 100      |
| 52836          | DULAN         | 3618N     | 09806E    | 3192      |              |                | 2.4         | -1.9   | 2.8            |        | 5             | 12    | -23    | 3        | 228   | 85       |
| 52889          | LANZHOU       | 3603N     | 10353E    | 1518      |              |                | 11.1        | - .6   | 4.8            |        | 1             | 2     | -16    | 0        | 192   | 85       |
| 53068          | ERENHOT       | 4339N     | 11200E    | 966       |              | 1014.1         | 4.8         | -1.0   | 2.5            |        | 0             | T     | -7     | 1        | 294   | 100      |
| 53614          | YINCHUAN      | 3829N     | 10613E    | 1112      |              | 1016.6         | 9.5         | -1.1   | 3.5            |        | 0             | 0     | -12    | 1        | 256   | 100      |
| 53772          | TAIYUAN       | 3747N     | 11233E    | 779       |              | 1014.8         | 11.6        | .9     | 4.8            |        | 3             | 18    | -12    | 3        | 255   | 115      |
| 54292          | YANJI         | 4253N     | 12928E    | 178       |              | 1010.7         | 6.9         | .4     | 5.0            |        | 2             | 13    | -14    | 2        | 216   | 100      |
| 54342          | SHENYANG      | 4146N     | 12326E    | 43        |              | 1012.4         | 9.4         | .0     | 5.6            |        | 6             | 31    | -8     | 3        | 249   | 105      |
| 54511          | BEIJING       | 3956N     | 11617E    | 55        |              | 1013.5         | 14.7        | 1.5    | 5.7            |        | 2             | 5     | -15    | 2        | 262   | 105      |
| 54857          | QINGDAO       | 3604N     | 12020E    | 77        |              | 1016.1         | 10.4        | - .3   | 9.0            |        | 3             | 14    | -27    | 1        | 215   | 95       |
| 56294          | CHENGDU       | 3040N     | 10401E    | 508       |              | 1013.8         | 16.1        | - .9   | 13.7           |        | 10            | 37    | -13    | 2        | 84    | 75       |
| 56778          | KUNMING       | 2501N     | 10241E    | 1892      |              |                | 19.1        | 2.6    | 9.2            |        | 1             | 21    | 0      | 4        | 291   | 115      |
| 56985          | MENGZI        | 2323N     | 10323E    | 1302      |              | 1007.0         | 22.5        | 1.6    | 15.1           |        | 3             | 9     | -49    | 0        | 257   | 115      |
| 57036          | XI'AN         | 3418N     | 10856E    | 398       |              | 1015.4         | 14.3        | .4     | 9.9            |        | 3             | 32    | -23    | 2        | 165   | 95       |
| 57083          | ZHENGZHOU     | 3443N     | 11339E    | 111       |              | 1014.8         | 15.1        | .4     | 9.5            |        | 20            | 142   | 83     | 5        | 208   | 105      |
| 57461          | YICHANG       | 3042N     | 11118E    | 134       |              | 1015.1         | 16.3        | - .2   | 13.7           |        | 11            | 75    | -30    | 1        | 92    | 70       |
| 57745          | ZHIJIANG      | 2727N     | 10941E    | 273       |              | 1014.0         | 16.1        | - .2   | 15.1           |        | 12            | 155   | -33    | 3        | 82    | 85       |
| 57993          | GANZHOU       | 2551N     | 11457E    | 125       |              | 1013.8         | 19.9        | .6     | 19.3           |        | 12            | 174   | -16    | 3        | 73    | 70       |
| 58362          | SHANGHAI      | 3124N     | 12128E    | 4         |              | 1016.4         | 13.8        |        | 12.2           |        | 9             | 60    | 2      | 142      | 85    |          |
| 58606          | NANCHANG      | 2836N     | 11555E    | 50        |              | 1014.6         | 16.6        | - .3   | 16.4           |        | 20            | 346   | 126    | 5        | 72    | 60       |
| 59287          | GUANGZHOU     | 2308N     | 11319E    | 8         |              | 1013.7         | 22.8        | .9     | 23.5           |        | 10            | 129   | -30    | 3        | 51    | 65       |
| 59316          | SHANTOU       | 2324N     | 11641E    | 3         |              | 1014.4         | 21.3        | .8     | 20.8           |        | 4             | 24    | -60    | 2        | 159   | 140      |
| 59431          | NANNING       | 2249N     | 10821E    | 73        |              | 1010.9         | 23.1        | 1.2    | 23.3           |        | 8             | 44    | -61    | 1        | 65    | 65       |
| 59758          | HAIKOU        | 2002N     | 11021E    | 15        |              | 1010.8         | 26.3        | 1.6    | 27.2           |        | 5             | 37    | -67    | 2        | 211   | 120      |
| <b>AFRICA</b>  |               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>MADEIRA</b> |               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 08522          | FUNCHAL       | 3238N     | 01654W    | 56        |              | 1011.3         | 1017.9      | 17.9   |                | 14.3   |               | 2     | 13     | 2        | 170   | 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. |
|                          | '        | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>ALGERIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 60351 JIJEL ACHOUAT      | 3653N    | 00549E    | 10        |           | 1013.7       | 1016.5         | 14.1        |        | 12.2           |        | 7             | 57    |        |          | 25    | 0        |
| 60353 JIJEL PORT         | 3650N    | 00547E    | 2         |           | 1014.6       | 1016.6         | 14.8        |        | 11.5           |        | 8             | 65    |        |          |       |          |
| 60354 EL MILIA           | 3644N    | 00354E    | 31        |           | 1015.2       | 1011.5         | 14.8        |        | 11.6           |        | 9             | 64    |        |          |       |          |
| 60360 ANNABA             | 3650N    | 00749E    | 4         |           | 1012.5       | 1012.9         | 14.3        | -0.3   | 10.1           | -3.3   | 7             | 38    | -2     | 3        | 261   | 136      |
| 60367 EL-KALA            | 3654N    | 00827E    | 10        |           | 1015.3       | 1017.2         | 15.0        |        | 11.3           |        | 9             | 45    |        |          |       |          |
| 60387 DELLYS             | 3655N    | 00357E    | 12        |           | 1014.2       | 1014.8         | 14.5        |        | 12.1           |        | 5             | 68    |        |          | 274   |          |
| 60390 DAR-EL-BEIDA       | 3643N    | 00315E    | 25        |           | 1013.2       | 1016.7         | 13.9        | -0.8   | 11.3           | -0.9   | 6             | 27    | -55    | 1        | 280   | 118      |
| 60395 TIZI-OUZOU         | 3642N    | 00403E    | 195       |           | 994.0        | 1016.3         | 14.4        |        | 10.3           |        | 6             | 35    |        |          | 289   |          |
| 60402 BEJAIA             | 3643N    | 00504E    | 2         |           | 1015.9       | 1016.3         | 14.4        |        | 12.2           |        | 6             | 360   |        | 0        | 266   | 35       |
| 60403 GUELMA             | 3628N    | 00728E    | 227       |           | 989.5        | 1016.7         | 13.0        |        | 10.4           |        | 8             | 41    |        |          | 273   |          |
| 60410 TENES              | 3630N    | 00120E    | 59        |           | 1014.4       | 1016.5         | 16.2        |        | 11.4           |        | 3             | 18    |        |          | 293   |          |
| 60417 BOUIRA             | 3623N    | 00354E    | 635       |           | 950.5        | 1016.7         | 12.4        |        | 9.5            |        | 5             | 11    |        |          | 97    | 75       |
| 60419 CONSTANTINE        | 3617N    | 00637E    | 694       |           | 935.7        | 1016.0         | 11.2        | -0.2   | 9.1            | -0.2   | 7             | 30    | -18    | 2        | 280   | 128      |
| 60421 OUM EL BOUAGHI     | 3553N    | 00707E    | 889       |           | 913.5        | 1485 Y         | 10.8        |        | 8.3            |        | 4             | 14    |        |          | 272   |          |
| 60423 SOUK AHRAS         | 3617N    | 00758E    | 680       |           | 936.6        | 1015.4         | 11.6        |        | 8.8            |        | 4             | 37    |        |          | 277   | 0        |
| 60425 CHLEF              | 3613N    | 00120E    | 143       |           | 998.9        | 1015.8         | 16.4        |        | 8.5            |        | 3             | 7     |        | 0        | 299   |          |
| 60430 MILIANA            | 3618N    | 00214E    | 715       |           | 933.8        | 1016.5         | 13.4        | 0.3    | 8.1            |        | 4             | 24    | -75    | 2        | 284   |          |
| 60437 MEDEA              | 3616N    | 00245E    | 981       |           | 898.0        | 1490 Y         | 10.6        |        | 7.4            |        | 4             | 11    |        |          | 279   |          |
| 60444 BORDJ BOU ARRERIDJ | 3604N    | 00446E    | 928       |           | 910.6        |                | 11.0        |        | 6.9            |        | 6             | 20    |        |          | 294   | 75       |
| 60452 ARZEW              | 3549N    | 00016W    | 3         |           | 1015.1       | 1015.6         | 16.2        |        | 12.6           |        | 2             | 16    |        | 1        | 269   | 70       |
| 60457 MOSTAGANEM VILLE   | 3553N    | 00007E    | 137       |           | 998.4        | 1015.2         | 15.3        |        | 10.1           |        | 4             | 12    |        |          | 288   |          |
| 60461 ORAN PORT          | 3542N    | 00039W    | 22        |           | 1012.9       | 1015.5         | 16.1        |        | 12.0           |        | 3             | 12    |        |          |       |          |
| 60467 M'SILA             | 3540N    | 00430E    | 441       |           | 962.5        | 1013.6         | 15.6        |        | 9.4            |        | 1             | 7     |        |          | 308   |          |
| 60490 ORAN/ES SENIA      | 3538N    | 00036W    | 90        |           | 1005.1       | 1016.4         | 15.5        | 0.2    | 10.8           | -1.3   | 2             | 20    | -29    | 2        | 297   | 121      |
| 60514 KSAR CHELLALA      | 3510N    | 00219E    | 800       |           | 925.4        | 1005.5         | 12.8        |        | 6.9            |        | 2             | 13    |        |          |       |          |
| 60515 BOU-SAADA          | 3520N    | 00412E    | 461       |           | 1015.9       |                | 15.8        |        | 8.6            |        | 1             | 5     |        |          | 299   | 75       |
| 60517 GHAZAOUET          | 3506N    | 00152W    | 83        |           | 1015.7       | 1016.2         | 16.1        |        | 12.7           |        | 4             | 28    |        |          |       |          |
| 60518 BENI-SAF           | 3518N    | 00121W    | 68        |           | 1006.3       | 1014.6         | 15.8        |        | 12.7           |        | 4             | 35    |        |          | 290   | 75       |
| 60520 SIDI BEL ABBES     | 3511N    | 00237W    | 450       |           | 958.1        | 1014.9         | 13.0        |        | 9.6            |        |               |       |        |          | 282   |          |
| 60522 MAGHNIA            | 3449N    | 00147W    | 426       |           | 963.3        | 1016.2         | 14.1        |        | 9.4            |        | 3             | 14    |        |          | 277   | 70       |
| 60525 BISKRA             | 3448N    | 00544E    | 87        |           | 1004.4       | 1014.3         | 19.2        | -0.4   | 7.1            |        | 1             | 4     | -10    | 3        | 317   | 109      |
| 60531 TLEMCCEN (ZENATA)  | 3501N    | 00128W    | 247       |           | 986.5        | 1015.8         | 15.2        |        | 9.8            |        | 5             | 19    |        |          | 270   |          |
| 60535 DJELFA             | 3441N    | 00315E    | 1144      |           | 886.3        | 1494 Y         | 10.8        |        | 6.9            |        | 3             | 11    | -21    | 3        | 280   | 70       |
| 60536 SAIDA              | 3452N    | 00009E    | 750       |           | 929.4        | 1429 Y         | 12.9        |        | 8.5            |        | 5             | 36    |        |          | 272   |          |
| 60540 EL KHEITER         | 3409N    | 00004E    | 1000      |           | 900.9        | 1485 Y         | 12.1        |        | 7.4            |        | 8             | 25    |        |          | 272   | 70       |
| 60545 LAGHOUAT           | 3346N    | 00256E    | 765       |           | 927.6        | 949.6          | 14.7        | -1.2   | 6.5            |        | 1             | 5     | -12    | 3        | 271   | 91       |
| 60557 NAAMA              | 3316N    | 00018W    | 1166      |           | 883.7        | 1493 Y         | 11.9        |        | 6.7            |        | 8             | 30    |        | 0        | 259   | 65       |
| 60560 AIN SEFRA          | 3246N    | 00036W    | 1058      |           | 895.7        | 1495 Y         | 13.8        |        |                |        |               |       |        |          |       |          |
| 60566 GHARDAIA           | 3223N    | 00349E    | 450       |           | 960.0        | 1014.6         | 18.3        |        | 9.2            |        | 0             | 0     |        |          | 313   |          |
| 60571 BECHAR             | 3137N    | 00214W    | 773       |           | 921.2        | 1488 Y         | 17.5        | -1.9   | 6.7            | -1.6   | 05            | 13    | 4      | 4        | 292   | 91       |
| 60581 HASSI-MESSAOUD     | 3140N    | 00609E    | 142       |           | 996.0        | 1012.7         | 20.3        | -0.3   |                |        | 0             | T     | -5     | 2        |       |          |
| 60590 EL GOLEA           | 3034N    | 00252E    | 397       |           | 966.8        | 1012.4         | 19.7        | -0.5   | 5.9            | -2.9   | 1             | 1     | -1     | 4        | 308   | 92       |
| 60611 IN AMENAS          | 2803N    | 00938E    | 562       |           | 947.9        | 1010.5         | 21.2        | -1.2   | 9.5            | 3.1    | 7             | 40    | 37     | 6        | 243   | 83       |
| 60630 IN SALAH           | 2712N    | 00228E    | 293       |           | 978.9        | 1009.4         |             |        | 7.6            | .7     | 1             | 1     | 0      | 4        | 253   | 76       |
| 60670 DJANET             | 2433N    | 00928E    | 1054      |           | 902.5        | 1488 Y         | 23.8        |        | 8.0            |        | 2             | 85    | 84     | 6        | 276   | 84       |
| 60680 TAMANRASSET        | 2247N    | 00531E    | 1378      |           | 864.1        | 1495 Y         | 22.4        | .5     | 5.6            | .4     | 0             | T     | -3     | 4        | 258   | 89       |
| 60686 BORDJI B.MOKHTAR   | 2120N    | 00057E    | 398       |           | 963.1        | 1004.2         | 28.8        |        | 5.9            |        | 1             | 1     |        |          | 268   |          |

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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. |
|                      | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>TUNISIA</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 60715 TUNIS-CARTHAGE | 3650N    | 01014E    | 4         |           | 1014.7       | 1015.2         | 16.0        | .9     | 11.6           | -.5    | 5             | 20    | -28    | 1        | 250   | 105      |
| 60725 JENDOUBA       | 3629N    | 00848E    | 144       |           | 999.2        | 1016.3         | 14.5        | .5     | 10.6           | -1.6   | 4             | 19    | -27    | 0        | 244   | 110      |
| 60735 KAIROUAN       | 3540N    | 01006E    | 68        |           | 1007.4       | 1015.5         | 17.3        | .8     | 11.0           | -.6    | 1             | 3     | -32    | 0        | 259   | 105      |
| 60745 GAFSA          | 3425N    | 00849E    | 314       |           | 977.7        | 1014.4         | 16.4        | -.4    | 8.6            | -1.2   | 1             | 8     | -10    | 2        | 280   | 105      |
| 60765 GABES          | 3353N    | 01006E    | 5         |           | 1014.3       | 1014.9         | 17.0        | -.5    | 12.8           | .7     | 1             | 35    | 14     | 5        | 284   | 110      |
| <b>NIGER</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61017 BILMA          | 1841N    | 01255E    | 357       |           | 965.8        | 1007.2         | 29.5        | .5     |                | .0     | 1             | 9     | 9      | 6        | 293   | 105      |
| 61024 AGADEZ         | 1658N    | 00759E    | 502       |           | 951.5        | 1005.9         | 32.6        | 1.4    | 7.6            | .3     | 0             | 0     | -2     | 0        | 243   | 85       |
| 61036 TILLABERY      | 1412N    | 00127E    | 210       |           | 952.5        | 1005.4         | 34.5        | .9     | 14.4           | 2.1    | 00            | T     | -3     | 3        | 229   | 90       |
| 61043 TAHOUA         | 1454N    | 00515E    | 391       |           | 962.8        | 1005.1         | 33.6        | .4     | 11.1           | 1.5    | 1             | 10    | 6      | 5        | 237   | 95       |
| 61045 GOURE          | 1359N    | 01018E    | 460       |           | 957.4        | 1005.1         | 32.8        |        | 9.1            |        | 0             | T     |        | 4        | 267   |          |
| 61052 NIAMEY-AERO    | 1329N    | 00210E    | 227       |           | 981.0        | 1005.4         | 34.1        | .5     | 15.2           | 2.1    | 2             | 25    | 21     | 5        | 249   | 100      |
| 61080 MARADI         | 1328N    | 00705E    | 373       |           | 963.3        | 1003.8         | 32.6        | .8     | 13.5           | 2.3    | 1             | 3     | -3     | 4        | 236   | 90       |
| 61090 ZINDER         | 1347N    | 00859E    | 453       |           | 956.5        | 1005.5         | 33.0        | .6     | 12.7           | 4.2    | 0             | 0     | -1     | 0        | 299   | 95       |
| 61091 MAGARIA        | 1259N    | 00856E    | 403       |           | 962.6        | 1006.5         | 31.6        |        | 11.3           |        | 0             | 0     |        | 4        | 241   |          |
| 61096 MAINE-SOROA    | 1314N    | 01159E    | 337       |           | 968.5        | 1005.2         | 32.9        | 1.0    | 11.7           | 1.1    | 2             | 7     | 5      | 5        | 244   | 90       |
| 61099 GAYA           | 1153N    | 00327E    | 203       |           |              |                | 33.2        | 1.7    | 21.2           | 3.0    | 2             | 37    | 27     | 5        | 240   | 95       |
| <b>MALI</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61202 TESSALIT       | 2012N    | 00059E    | 491       |           | 953.4        | 1006.7         | 30.7        |        | 5.5            | -.7    | 2             | 2     | 2      | 6        | 163   | 52       |
| 61233 NARA           | 1510N    | 00717W    | 265       |           | 977.5        | 1006.4         | 33.3        |        | 13.4           |        | 2             | 95    | 91     | 6        |       |          |
| 61250 MENAKA         | 1552N    | 00213E    | 278       |           | 974.9        | 1005.2         | 35.0        | 2.2    | 10.1           | .6     | 1             | 5     | 4      | 5        | 207   | 85       |
| 61270 KITA           | 1304N    | 00928W    | 334       |           | 969.7        | 1006.2         | 32.8        | .2     | 15.1           | 1.6    | 2             | 41    | 31     | 5        | 276   | 100      |
| 61272 SEGOU          | 1324N    | 00609W    | 289       |           | 974.8        | 1006.2         | 32.9        | 1.4    | 21.5           | 7.7    | 3             | 10    | 1      | 4        |       |          |
| 61277 SAN            | 1320N    | 00450W    | 284       |           | 961.4        | 1007.0         | 30.1        | -2.2   | 23.1           | 9.5    | 7             | 28    | 13     | 5        |       |          |
| 61291 BAMAKO/SENOU   | 1232N    | 00757W    | 381       |           | 965.6        | 1006.7         | 31.3        | -.2    | 18.3           | 2.6    | 3             | 17    | 1      | 4        | 252   |          |
| 61293 KOUTIALA       | 1223N    | 00528W    | 367       |           | 966.4        | 1006.5         | 31.2        | .2     | 22.2           | 5.7    | 6             | 56    | 29     | 5        | 182   |          |
| 61296 BOUGOUNI       | 1125N    | 00730W    | 351       |           | 968.6        | 1006.6         | 31.4        | .8     | 23.9           | 4.7    | 5             | 28    | -18    | 3        | 218   | 90       |
| <b>MAURITANIA</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61404 ZOUERATE       | 2245N    | 01229W    | 343       |           | 972.7        | 1011.6         | 22.7        |        | 9.9            |        | 0             | 0     |        |          |       |          |
| 61415 NOUADHIBOU     | 2056N    | 01702W    | 3         |           | 1013.4       | 1013.9         | 19.3        | -.8    | 16.4           | .5     | 0             | 0     | -1     | 0        | 333   | 115      |
| 61450 TIDJIKJA       | 1834N    | 01126W    | 402       |           | 964.8        | 1009.2         | 28.5        | .1     | 6.8            | -.5    | 0             | 0     | 0      | 0        |       |          |
| 61461 BOUTILIMIT     | 1732N    | 01441W    | 75        |           | 1002.2       | 1010.8         | 27.6        | -1.6   | 12.5           | 1.0    | 0             | 0     | 0      | 0        |       |          |
| 61497 NEMA           | 1636N    | 00716W    | 269       |           |              |                | 33.7        | 2.0    | 9.4            | 1.6    | 1             | 17    | 14     | 5        |       |          |
| 61498 KIFFA          | 1638N    | 01124W    | 115       |           | 994.5        | 1007.2         | 32.9        | 1.9    | 7.6            | -1.5   | 0             | 0     | -1     | 0        |       |          |
| <b>SENEGAL</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61612 PODOR          | 1639N    | 01458W    | 7         |           | 1009.8       | 1010.6         | 28.8        | -1.0   | 11.2           | 1.1    | 0             | 0     | 0      | 0        | 300   |          |
| 61630 MATAM          | 1539N    | 01315W    | 17        |           | 1006.0       | 1007.9         | 32.2        | .4     | 12.1           | .8     | 0             | 0     | -1     | 0        | 297   |          |
| 61641 DAKAR/YOFF     | 1444N    | 01730W    | 24        |           | 1007.8       | 1011.1         | 20.8        | -.7    | 19.5           | -.6    | 0             | 0     | 0      | 0        | 316   |          |
| 61666 DIOURBEL       | 1439N    | 01614W    | 9         |           | 1008.8       | 1009.8         | 26.9        | -1.5   | 16.9           | 2.4    | 0             | 0     | 0      | 0        | 292   |          |
| 61679 KAOLACK        | 1408N    | 01604W    | 7         |           | 1009.7       | 1010.5         | 29.2        | -.2    | 16.7           | 1.7    | 0             | 0     | 0      | 5        | 317   |          |
| 61687 TAMBACOUNDA    | 1346N    | 01341W    | 50        |           | 1002.5       | 1008.1         | 32.8        | .7     | 10.7           | -.7    | 0             | 0     | -2     | 5        | 302   |          |
| 61695 ZIGUINCHOR     | 1233N    | 01616W    | 23        |           | 1006.9       | 1009.5         | 26.5        | -.9    | 19.4           | -.1    | 0             | 0     | -T     | 0        | 308   |          |
| 61698 KOLDA          | 1253N    | 01458W    | 10        |           | 1007.4       | 1008.5         | 31.1        | .4     | 14.3           | -4.0   | 0             | 0     | -1     | 0        | 253   |          |
| 61699 KEDOUGOU       | 1234N    | 01213W    | 167       |           | 988.2        | 1006.3         | 33.8        | 1.3    | 12.5           | -3.2   | 0             | 0     | -5     | 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. |
|                               | o'                           | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>GUINEA</b>                 |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61809                         | LABE                         | 1119N     | 01218W    | 1026      |              |                |             |        |                |        |               |       |        |          |       |          |
| 61811                         | SIGUIRI                      | 1126N     | 00910W    | 366       |              |                |             |        |                |        |               |       |        |          |       |          |
| 61816                         | BOKE                         | 1056N     | 01419W    | 69        | 1001.0       | 1008.8         | 30.4        | 1.2    | 20.5           |        | 4             | 26    | -11    | 3        | 194   |          |
| 61818                         | KINDIA                       | 1003N     | 01252W    | 459       | 958.0        | 1008.4         | 30.7        |        | 20.1           |        |               |       |        |          | 269   |          |
|                               |                              |           |           |           |              |                | 28.0        | .6     | 23.1           | 1.9    | 2             | 75    | 25     | 4        |       |          |
| <b>SIERRA LEONE</b>           |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61856                         | LUNGI                        | 0837N     | 01312W    | 27        | 1005.0       | 1007.9         | 28.3        | .4     | 29.3           | .8     | 3             | 34    | -20    | 3        |       |          |
| 61866                         | BONTHE                       | 0732N     | 01230W    | 8         | 1008.9       | 1009.8         | 33.5        | 5.2    | 31.1           | 1.2    | 9             | 314   | 215    | 6        |       |          |
| 61881                         | BO                           | 0757N     | 01146W    | 93        | 998.8        | 1009.5         | 28.1        | .3     | 26.8           | -4     | 14            | 0186  | 0070   | 6        |       |          |
| 61886                         | KABALA                       | 0935N     | 01133W    | 464       | 959.7        | 1011.1         | 27.7        | .3     | 26.1           | 2.8    | 10            | 127   | 16     | 4        |       |          |
| <b>FRANCE (OCEAN ISLANDS)</b> |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61968                         | ILES GLORIEUSES              | 1135S     | 04717E    | 4         | 1011.0       | 1011.4         | 28.0        | .4     | 30.3           | 2.3    |               |       |        |          | 286   |          |
| 61970                         | ILE JUAN DE NOVA             | 1703S     | 04242E    | 10        | 1010.9       | 1011.9         | 28.1        |        | 27.6           |        |               |       |        |          | 255   |          |
| 61972                         | ILE EUROPA                   | 2219S     | 04020E    | 13        | 1012.3       | 1013.6         | 25.4        | .1     | 24.4           | .2     |               |       |        |          |       |          |
| <b>MAURITIUS</b>              |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61974                         | AGALEGA                      | 1026S     | 05645E    | 3         | 1009.9       | 1010.2         | 27.8        | .2     | 30.3           | -3     | 11            | 119   | -41    | 3        |       |          |
| <b>FRANCE (OCEAN ISLANDS)</b> |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61976                         | SERGE-FROLOW (ILE TROMELIN)  | 1553S     | 05431E    | 13        | 1010.5       | 1011.8         | 27.7        | .6     | 29.6           | 2.3    |               |       |        |          | 157   |          |
| 61980                         | SAINT-DENIS/GILLOT (REUNION) | 2053S     | 05531E    | 25        | 1011.6       | 1014.1         | 25.1        | .4     | 24.2           | .7     | 12            | 98    | -71    | 3        | 189   |          |
| <b>MAURITIUS</b>              |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 61986                         | ST. BRANDON (ST. RAPHAEL)    | 1627S     | 05937E    | 4         | 1011.4       | 1011.7         | 27.5        | .2     | 29.4           | .5     | 16            | 136   | 39     | 4        |       |          |
| 61988                         | RODRIGUES                    | 1941S     | 06325E    | 59        | 1006.8       | 1013.1         | 25.8        | .1     | 26.5           | .4     | 14            | 55    | -74    | 1        | 225   | 95       |
| 61990                         | PLAISANCE (MAURITIUS)        | 2026S     | 05740E    | 57        | 1008.3       | 1014.2         | 25.3        | .8     | 25.9           | -4     | 19            | 128   | -87    | 2        | 214   | 115      |
| <b>LIBYAN ARAB JAMAHIRIYA</b> |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 62010                         | TRIPOLI INTER- NATIONAL AIRP | 3240N     | 01309E    | 81        | 1004.7       | 1013.3         | 17.4        | -1.0   | 11.9           | .4     | 05            | 0045  | 0026   | 6        | 262   | 10       |
| 62053                         | BENINA                       | 3205N     | 02016E    | 132       | 999.5        | 1015.1         | 17.0        | -1.9   | 9.4            | -2.7   | 1             | 4     | -3     | 3        | 240   | 95       |
| <b>EGYPT</b>                  |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 62337                         | EL ARISH                     | 3105N     | 03350E    | 32        | 1009.9       | 1013.6         | 16.9        |        | 12.7           |        | 2             | 3     |        |          |       |          |
| 62366                         | CAIRO                        | 3008N     | 03124E    | 74        | 999.8        | 1013.5         |             |        | 11.4           | .8     | 0             | T     | -1     | 3        |       |          |
| 62417                         | SIWA                         | 2912N     | 02529E    | -13       | 1013.4       | 1013.6         | 20.5        | 1.1    |                |        |               |       |        |          | 298   |          |
| 62432                         | DAKHLA                       | 2529N     | 02900E    | 111       | 999.8        | 1012.5         | 23.1        | -4     | 8.3            | 1.5    | 0             | 30    | 30     | 6        |       |          |
| <b>DJIBOUTI</b>               |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63125                         | DJIBOUTI                     | 1133N     | 04309E    | 19        | 1008.9       | 1011.0         | 29.0        | .5     | 30.7           | 1.8    | 1             | 22    | 8      | 4        | 257   | 95       |
| <b>ETHIOPIA</b>               |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63331                         | GONDAR                       | 1232N     | 03726E    | 1966      | 30           | 804.0          | 23.2        | .1     | 11.0           | -2     | 04            | 0023  | -031   | 2        |       | 090      |
| 63402                         | JIMMA                        | 0740N     | 03650E    | 1577      | 30           |                | 21.6        | 1.1    | 17.7           | 2.7    | 16            | 190   | 68     | 4        |       | 100      |
| 63450                         | ADDIS ABABA                  | 0859N     | 03848E    | 2324      | 30           | 771.1          | 18.1        | -1     | 13.7           | 2.6    | 17            | 0173  | 0089   | 5        |       | 082      |
| 63471                         | DIRE DAWA                    | 0936N     | 04152E    | 1146      | 30           | 886.3          | 26.0        | -1.0   | 19.3           | 2.9    | 12            | 0122  | 0081   | 6        |       | 140      |

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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. |
|                                    | '        | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>KENYA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63619 MOYALE                       | 0332N    | 03903E    | 1097      |           | 890.3        | 1513 Y         | 23.2        |        | 21.7           |        | 15            | 0099  | 0099   | 6        |       |          |
| 63686 ELDORET                      | 0032N    | 03517E    | 2133      |           | 789.1        | 1476 Y         | 18.3        |        | 15.8           |        | 12            | 0193  |        | 5        |       |          |
| 63723 GARISSA                      | 0028S    | 03938E    | 147       |           | 995.1        | 1009.5         | 30.4        | .5     | 27.0           | .7     | 7             | 0127  | 0051   | 6        |       |          |
| 63740 NAIROBI/KENYATTA AIRPORT     | 0119S    | 03655E    | 1624      | 30        | 838.3        | 1499 Y         | 20.6        | .3     | 17.2           |        | 4             | 71    | -86    | 1        |       | 90       |
| <b>UNITED REPUBLIC OF TANZANIA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63756 MWANZA                       | 0228S    | 03255E    | 1140      |           | 886.5        | 1504 Y         | 24.0        |        | 21.4           |        | 18            | 193   | 5      | 3        |       |          |
| <b>KENYA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63799 MALINDI                      | 0314S    | 04006E    | 23        | 30        | 1007.6       | 1009.9         | 28.1        |        | 30.1           |        | 10            | 0096  | 0085   | 6        | 231   | 100      |
| <b>UNITED REPUBLIC OF TANZANIA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63862 DODOMA                       | 0610S    | 03546E    | 1120      |           | 890.0        | 1516 Y         | 24.0        |        | 19.3           |        | 0             | 0     | -51    | 0        |       |          |
| 63894 DAR ES SALAAM AIRPORT        | 0652S    | 03912E    | 55        |           | 1005.8       | 1012.1         | 26.7        | .2     | 29.2           | 2.3    | 16            | 265   | -5     | 3        |       |          |
| 63962 SONGEA                       | 1041S    | 03535E    | 1067      |           | 896.5        | 1526 Y         | 21.5        | .0     | 20.3           | .3     | 7             | 54    | -58    | 1        |       |          |
| 63971 MTWARA                       | 1016S    | 04011E    | 113       |           | 998.9        | 1011.6         | 26.6        |        | 27.6           |        | 10            | 92    |        | 0        |       |          |
| <b>SEYCHELLES</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 63980 SEYCHELLES INTER- NATIONAL A | 0440S    | 05531E    | 3         |           | 1009.3       | 1009.7         | 28.4        | .1     | 30.6           |        | 15            | 149   | -47    | 2        | 251   | 110      |
| <b>ZAIRE</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 64210 KINSHASA/N'DJILI             | 0423S    | 01526E    | 312       |           | 973.4        | 1008.8         | 25.8        | .4     | 26.1           |        | 18            | 336   | 106    | 5        |       |          |
| <b>CONGO</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 64400 POINTE-NOIRE                 | 0449S    | 01154E    | 17        |           | 1006.8       | 1008.8         | 27.2        | .4     | 30.3           |        | 11            | 126   | -48    | 2        | 197   | 125      |
| 64401 LOUBOMO                      | 0412S    | 01242E    | 330       |           | 972.3        | 1008.3         | 25.9        | -.4    | 27.6           |        | 10            | 358   | 157    | 5        |       |          |
| 64402 MOUYONDZI                    | 0359S    | 01355E    | 512       |           | 951.5        | 1008.0         | 24.6        | -.4    | 26.2           |        | 16            | 228   | 44     | 5        |       |          |
| 64450 BRAZZAVILLE/MAYA-MAYA        | 0415S    | 01515E    | 316       |           | 972.6        | 1007.5         | 26.7        | .3     | 27.1           |        | 14            | 160   | -43    | 2        | 157   | 95       |
| 64458 OUESSO                       | 0137N    | 01603E    | 352       |           | 968.2        | 1007.2         | 26.5        | .5     | 28.5           |        | 6             | 138   | 2      | 3        |       |          |
| 64459 IMPFONDO                     | 0137N    | 01804E    | 326       |           | 971.9        | 1008.0         | 28.2        | 2.0    | 28.5           |        | 8             | 97    | -73    | 0        |       |          |
| <b>CENTRAL AFRICAN REPUBLIC</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 64650 BANGUI                       | 0424N    | 01831E    | 366       |           | 966.7        | 1007.1         | 27.1        | .2     | 26.7           | -.1    | 8             | 0112  | 976    | 6        | 191   |          |
| 64654 N'DELE                       | 0824N    | 02039E    | 511       |           | 949.1        | 1005.4         | 26.7        | -1.8   | 22.7           | .6     | 8             | 0085  | 0006   | 6        |       |          |
| 64655 BRIA                         | 0632N    | 02159E    | 584       |           | 942.9        | 1005.9         | 26.8        | .4     | 25.1           | .8     | 6             | 0059  | 0064   | 6        |       |          |
| 64656 BANGASSOU                    | 0444N    | 02250E    | 500       |           | 952.4        | 1006.7         | 26.4        | .0     | 27.3           | 2.1    | 12            | 0146  | 0009   | 6        |       |          |
| 64659 OBO                          | 0524N    | 02630E    | 651       |           | 935.5        | 1005.6         | 25.5        | -.7    | 24.5           | .5     | 15            | 0174  | 0054   | 6        |       |          |
| 64662 ALINDAO                      | 0503N    | 02112E    | 449       |           | 957.2        | 1006.2         | 26.3        | -.3    | 27.1           | 1.3    | 11            | 0121  | 0012   | 6        |       |          |
| <b>CHAD</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 64700 NDJAMENA                     | 1208N    | 01502E    | 295       |           | 971.9        | 1004.6         | 33.2        | .5     | 12.9           | -.7    | 1             | 0080  | 0071   | 6        | 258   | 96       |
| 64706 MOUNDOU                      | 0837N    | 01604E    | 422       |           | 958.3        | 1008.9         | 31.5        | 1.0    | 19.3           | -2.5   | 10            | 14    | -45    | 1        | 226   | 106      |
| 64709 PALA                         | 0922N    | 01455E    | 455       |           | 992.2N       | 1008.9         | 32.1        | 1.0    | 14.0           | -6.1   | 4             | 103   | 49     | 5        | 252   |          |
| 64750 SARH                         | 0909N    | 01823E    | 365       |           | 965.3        | 1002.5         | 31.3        | .4     | 21.9           | -.8    | 3             | 49    | -6     | 3        | 234   | 105      |
| <b>REPUBLIC OF CAMEROON</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 64851 MAROUA-SALAK                 | 1027N    | 01415E    | 422       |           | 958.8        | 1004.4         | 33.2        | .9     | 14.9           |        | 3             | 25    | 2      | 3        |       |          |
| 64860 GAROUA                       | 0920N    | 01323E    | 244       |           | 979.1        | 1005.0         | 33.2        | .8     | 17.9           |        | 5             | 22    | -17    | 3        | 236   | 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. |
|                      | '        | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 64910 DOUALA OBS.    | 0400N    | 00944E    | 9         |           | 1007.1       | 1008.1         | 27.4        | .1     | 30.9           |        | 13            | 186   | -54    | 1        | 181   | 121      |
| 64971 KRIBI          | 0257N    | 00954E    | 16        |           | 1006.8       | 1008.6         | 28.9        | 2.2    | 32.7           |        | 16            | 257   | 12     | 3        |       |          |
| <b>BENIN</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 65306 KANDI          | 1108N    | 00256E    | 292       |           |              |                | 31.8        | .1     | 22.6           | 1.2    | 4             | 157   | 119    | 6        | 228   | 90       |
| 65319 NATITINGOU     | 1019N    | 00123E    | 461       |           | 956.9        | 1007.2         | 29.5        | .6     | 24.6           | 1.5    | 7             | 48    | -41    | 2        | 228   |          |
| 65330 PARAKOU        | 0921N    | 00237E    | 393       |           | 964.4        | 1007.5         | 29.0        | .6     | 25.0           | .2     | 6             | 133   | 42     | 5        | 225   | 95       |
| 65335 SAVE           | 0802N    | 00228E    | 200       |           | 985.3        | 1007.5         | 28.3        | .3     | 27.9           | .6     | 7             | 95    | -19    | 2        | 212   |          |
| 65338 BOHICON        | 0710N    | 00204E    | 167       |           | 989.7        | 1008.4         | 27.7        | -.4    | 30.6           | 2.0    | 11            | 224   | 80     | 5        | 192   |          |
| 65344 COTONOU        | 0621N    | 00223E    | 9         |           | 1007.2       | 1008.2         | 29.0        | .6     | 31.9           | .3     | 6             | 130   | -1     | 3        | 214   |          |
| <b>TOGO</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 65351 DAPAON         | 1052N    | 00015E    | 330       |           | 971.3        | 1007.8         | 31.6        |        | 27.6           |        | 2             | 0014  |        |          |       |          |
| 65352 MANGO          | 1022N    | 00028E    | 146       |           | 990.2        | 1006.3         | 31.9        | .9     | 27.3           | 2.1    | 5             | 17    | -43    | 0        | 214   | 90       |
| 65355 NIAMTOUGOU     | 0946N    | 00106E    | 343       |           | 956.8        | 1007.5         | 29.0        |        | 26.3           |        | 9             | 66    |        |          | 219   |          |
| 65357 KARA           | 0933N    | 00110E    | 341       |           | 969.3        | 1007.4         | 29.6        | -1.4   | 27.7           | 2.5    | 8             | 58    | -2     | 3        | 216   |          |
| 65361 SOKODE         | 0859N    | 00109E    | 387       |           | 964.7        | 1008.0         | 27.8        | .3     | 27.4           | 1.5    | 8             | 168   | 64     | 5        | 219   | 100      |
| 65376 ATAKPAME       | 0735N    | 00107E    | 402       |           | 963.1        | 1008.1         | 26.8        | .2     | 26.8           | 1.1    | 13            | 173   | 48     | 5        | 203   | 100      |
| 65378 KOUMA-KONDA    | 0657N    | 00035E    | 641       |           | 938.7        | 1009.3         | 24.7        | -1.9   | 25.9           | .2     | 11            | 117   | -8     | 3        | 199   |          |
| 65380 TABLIGBO       | 0635N    | 00130E    | 44        |           |              |                | 28.2        | .2     | 31.2           | 1.4    | 6             | 205   | 63     | 4        | 210   |          |
| 65387 LOME           | 0610N    | 00115E    | 25        |           | 1005.8       | 1008.6         | 28.8        | 1.1    | 32.1           | 1.7    | 6             | 144   | 44     | 4        | 228   | 105      |
| <b>BURKINA FASO</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 65501 DORI           | 1402N    | 00002W    | 277       |           | 975.4        | 1005.6         | 34.0        | 1.2    | 15.2           | 1.9    | 0             | 0     | -5     | 0        | 231   |          |
| 65502 OUAHIGOUYA     | 1334N    | 00225W    | 336       |           | 968.9        | 1005.4         | 33.2        | .5     | 19.5           | 5.7    | 4             | 36    | 28     | 5        | 217   |          |
| 65503 OUAGADOUYOU    | 1221N    | 00131W    | 306       |           | 972.8        | 1005.9         | 33.2        | .8     | 19.8           | 2.1    | 2             | 10    | -13    | 3        | 230   | 95       |
| 65510 BOBO-DIOULASSO | 1110N    | 00419W    | 460       |           | 957.1        | 1007.2         | 29.5        | -.4    | 24.2           | 4.4    | 8             | 160   | 113    | 6        | 194   |          |
| 65516 BOROMO         | 1145N    | 00256W    | 271       |           | 976.6        | 1006.2         | 32.2        | .4     | 22.1           | 3.0    | 5             | 30    | -10    | 3        | 178   |          |
| 65522 GAOUA          | 1020N    | 00311W    | 335       |           | 974.7        | 1006.8         | 30.3        | .2     | 25.8           | 2.4    | 7             | 87    | 7      | 4        | 225   |          |
| <b>COTE D'IVOIRE</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 65536 KORHOGO        | 0925N    | 00537W    | 381       |           | 965.8        | 1007.8         | 28.6        | .2     | 26.3           | 2.0    | 7             | 109   | 11     | 4        | 190   |          |
| 65545 BONDOUKOU      | 0803N    | 00247W    | 370       |           | 966.9        | 1008.1         | 27.7        | .5     | 27.3           | 1.0    | 8             | 185   | 53     | 5        | 207   |          |
| 65548 MAN            | 0723N    | 00731W    | 340       |           | 971.1        | 1008.9         | 26.0        | .1     | 28.2           | 2.1    | 11            | 100   | -58    | 2        | 191   |          |
| 65555 BOUAKE         | 0744N    | 00504W    | 376       |           | 965.5        | 1008.7         | 26.9        | -.2    | 26.9           | .9     | 8             | 158   | 36     | 4        | 214   |          |
| 65557 GAGNOA         | 0608N    | 00557W    | 210       |           | 985.4        | 1008.9         | 26.7        | -.3    | 29.0           | .8     | 13            | 270   | 110    | 5        | 183   |          |
| 65560 DALOA          | 0652N    | 00628W    | 277       |           | 977.6        | 1008.4         | 26.6        |        | 28.1           |        | 13            | 116   | -39    | 2        | 195   |          |
| 65562 DIMBOKRO       | 0639N    | 00442W    | 92        |           | 998.2        | 1008.5         | 28.2        | -.3    | 30.7           | 2.4    | 10            | 160   | 14     | 4        | 202   |          |
| 65563 YAMOUSSOUKRO   | 0654N    | 00521W    | 213       |           | 984.4        | 1008.2         | 26.9        |        | 28.9           |        | 7             | 0016  |        |          | 192   |          |
| 65578 ABIDJAN        | 0515N    | 00356W    | 8         |           | 1007.4       | 1008.3         | 28.6        | .9     | 32.4           | 1.2    | 11            | 137   | -26    | 2        | 209   |          |
| 65585 ADIAKE         | 0518N    | 00318W    | 39        |           |              |                | 28.1        | .8     | 31.7           | 1.5    | 10            | 0102  | 0060   | 6        | 169   |          |
| 65592 TABOU          | 0425N    | 00722W    | 21        |           | 1006.9       | 1009.2         | 27.3        | .5     | 31.4           | 1.0    | 11            | 68    | -71    | 1        | 219   |          |
| 65594 SAN PEDRO      | 0445N    | 00639W    | 30        |           |              |                | 29.5        |        | 31.5           |        | 8             | 331   |        |          | 181   |          |
| 65599 SASSANDRA      | 0457N    | 00605W    | 66        |           |              |                | 27.1        | .3     | 30.6           | .5     | 9             | 103   | -12    | 3        | 207   |          |
| <b>LIBERIA</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 65660 ROBERTS FIELD  | 0615N    | 01021W    | 18        |           | 977.6        | 1008.4         | 26.6        | -.3    | 26.1           | -3.3   | 13            | 116   | -26    | 2        | 195   |          |
| <b>MADAGASCAR</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. |
|                                       |          |           |           |           | o'           | o'             | m           | mb     | mb             | o      | o c           | mb    | mb     | mm       | mm    | hr       |
| 67009 DIEGO-SUAREZ                    | 1221S    | 04918E    | 105       |           | 999.5        | 1011.3         | 26.1        | -0.7   | 27.8           | 1.5    | 10            | 133   | 85     | 5        | 208   | 92       |
| 67027 MAJUNGA                         | 1540S    | 04621E    | 18        |           | 1008.7       | 1010.8         | 27.8        | .1     | 29.1           | 1.5    | 7             | 139   | 72     | 5        | 266   | 90       |
| 67073 MAINTIRANO                      | 1803S    | 04402E    | 23        |           | 1009.0       | 1011.6         |             | .0     | 27.8           | .3     | 2             | 7     | -22    | 3        |       |          |
| 67083 ANTANANARIVO/IVATO              | 1848S    | 04729E    | 1276      |           | 875.3        | 1527 Y         | 19.9        | .6     | 18.2           | 1.0    | 8             | 107   | 47     | 5        | 232   | 105      |
| 67095 TAMATAVE                        | 1807S    | 04924E    | 6         |           | 1012.8       | 1013.5         | 24.9        | .0     | 27.4           | .2     | 24            | 326   | 44     | 4        | 163   | 83       |
| 67197 FORT-DAUPHIN                    | 2502S    | 04657E    | 9         |           |              | 1013.7         | 14.7        | -9.0   |                | .0     |               |       |        |          |       |          |
| <b>MALAWI</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 67586 KAMUZU INTL. AIRPORT            | 1347S    | 03346E    | 1229      | 30        | 879.2        | 1530 Y         | 19.2        |        | 17.2           | .0     | 01            | 0001  |        |          |       |          |
| <b>ZAMBIA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 67475 KASAMA                          | 1013S    | 03108E    | 1384      |           | 863.0        | 1525 Y         | 21.1        | .7     | .0             | -17.8  | 0             |       |        |          | 304   | 119      |
| 67633 MONGU                           | 1515S    | 02309E    | 1053      |           | 896.6        | 1514 Y         | 23.4        | 1.1    | 15.9           | -2.0   | 0             | 0     | -50    | 0        | 6     |          |
| 67663 KABWE                           | 1427S    | 02828E    | 1207      |           | 881.3        | 1517 Y         | 21.0        | 1.3    | 13.9           | -3.0   | 0             |       |        | 6        |       |          |
| 67743 LIVINGSTONE                     | 1749S    | 02549E    | 986       |           | 903.9        | 1522 Y         | 24.9        | 2.9    | 12.5           | -3.5   | 2             | 124   | 98     | 6        | 296   | 116      |
| <b>ZIMBABWE</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 67775 HARARE (KUTSAGA)                | 1755S    | 03108E    | 1480      | 13        | 855.1        | 1528 Y         | 19.1        | .0     | 11.9           | -12.9  | 01            | 0009  | -46    | 1        | 257   | 105      |
| 67964 BULAWAYO (GOETZ OBSY.)          | 2009S    | 02837E    | 1344      |           | 868.6        | 1529 Y         | 19.8        | .0     | 12.6           | -11.8  | 02            | 0010  | -32    | 2        | 260   | 100      |
| <b>SOUTH AFRICA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 68174 PIETERSBURG                     | 2352S    | 02927E    | 1200      | 30        | 884.2        | 1536 Y         | 17.7        | .0     | 13.5           | -.1    | 5             | 94    | 61     | 5        |       | 100      |
| 68262 PRETORIA                        | 2544S    | 02811E    | 1300      | 30        | 873.7        | 1534 Y         | 17.5        | .3     | 13.5           | .9     | 6             | 86    | 28     | 5        |       | 105      |
| 68368 JAN SMUTS                       | 2608S    | 02814E    | 1700      | 30        | 833.4        | 1534 Y         | 15.1        | .0     | 11.7           | .9     | 7             | 75    | 17     | 4        |       | 105      |
| 68424 UPINGTON                        | 2824S    | 02116E    | 800       | 30        | 924.7        | 1525 Y         | 21.0        | 1.3    | 10.2           | -1.5   | 0             | 0     | -26    | 1        |       | 110      |
| 68438 KIMBERLEY                       | 2848S    | 02446E    | 1200      | 30        | 883.2        | 1526 Y         | 17.1        | -2     | 10.7           | -.8    | 0             | 0     | -50    | 0        |       | 110      |
| 68442 BLOEMFONTEIN (J. B. M. HERTZOG) | 2906S    | 02618E    | 1400      | 30        | 862.6        | 1525 Y         | 14.6        | -2     | 9.4            | -1.6   | 4             | 24    | -31    | 2        |       | 105      |
| 68461 BETHLEHEM AIRPORT               | 2815S    | 02820E    | 1700      |           | 832.4        | 1525 Y         | 12.5        | -2.3   | 10.7           | -.3    | 9             | 25    | -30    | 2        | 260   | 99       |
| 68588 DURBAN (LOUIS BOTHA)            | 2958S    | 03057E    | 8         | 30        | 1016.0       | 1017.6         | 20.5        | -.8    | 19.2           | -.6    | 10            | 173   | 86     | 5        |       | 85       |
| 68816 CAPE TOWN (D. F. MALAN)         | 3359S    | 01836E    | 42        | 30        | 1011.5       | 1016.6         | 15.6        | -1.0   | 12.3           | -2.4   | 4             | 18    | -27    | 2        |       | 110      |
| 68828 GEORGE AIRPORT                  | 3400S    | 02223E    | 193       |           | 995.4        | 1017.8         | 15.0        | -.6    | 13.7           |        | 6             | 113   | 45     | 5        | 196   |          |
| 68842 PORT ELIZABETH                  | 3359S    | 02536E    | 60        | 30        | 1010.7       | 1017.9         | 16.2        | -1.6   | 14.3           | -2.2   | 7             | 65    | 10     | 4        |       | 95       |
| 68858 EAST LONDON                     | 3302S    | 02750E    | 125       | 30        | 1003.5       | 1018.2         | 17.5        | -1.2   | 15.0           | -1.8   | 8             | 107   | 27     | 4        |       | 95       |
| 68906 GOUGH ISLAND                    | 4021S    | 00953W    | 54        | 30        | 1014.3       | 1020.8         | 12.3        | -.4    | 11.7           | -.5    | 10            | 195   | -76    | 1        |       | 90       |
| 68994 MARION ISLAND                   | 4653S    | 03752E    | 22        | 30        | 1005.3       | 1008.0         | 5.7         | -2     | 8.1            | .2     | 21            | 154   | -66    | 1        |       | 125      |
| <b>N AMERICA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>USA</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 70026 BARROW/W. POST W. ROGERS        | 7118N    | 15647W    | 4         |           | 1016.2       | 1016.5         | -13.4       | 5.3    | 2.3            | .2     | 1             | 3     | -2     | 3        |       |          |
| 70133 KOTZEBUE, RALPH WIEN            | 6652N    | 16238W    | 5         |           | 1010.3       | 1010.1         | -8.8        | 2.2    | 3.4            | .0     | 5             | 31    | 23     | 6        |       |          |
| 70200 NOME                            | 6430N    | 16526W    | 7         |           | 1006.9       | 1007.7         | -3.5        | 4.4    | 3.9            | -.1    | 8             | 42    | 26     | 5        | 231   |          |
| 70219 BETHEL/BETHEL AIRPORT, AK.      | 6047N    | 16148W    | 46        |           | 1001.0       | 1006.7         | -.2         | 4.6    | 5.0            | 1.4    | 2             | 13    | -5     | 3        |       |          |
| 70231 MCGRATH, AK.                    | 6258N    | 15537W    | 103       |           | 995.4        | 1008.2         | 3.0         | 5.9    | 4.6            | .4     | 3             | 22    | 2      | 4        |       |          |
| 70261 FAIRBANKS/INTL., AK.            | 6449N    | 14752W    | 138       |           | 992.3        | 1009.6         | 4.5         | 5.5    | 4.4            | 1.3    | 3             | 4     | -3     | 3        |       |          |
| 70273 ANCHORAGE/INT.                  | 6110N    | 15001W    | 40        |           | 1003.6       | 1008.8         | 4.6         | 2.7    | 5.4            | .7     | 1             | 2     | -15    | 1        |       |          |
| 70308 ST. PAUL, AK.                   | 5709N    | 17013W    | 9         |           | 1003.6       | 1004.7         | -3.1        | -.7    | 4.4            | -.2    | 8             | 65    | 0034   | 5        |       |          |
| 70316 COLD BAY                        | 5512N    | 16243W    | 31        |           | 1002.9       | 1006.8         | .4          | -2     | 5.6            | .3     | 9             | 52    | 1      | 3        |       |          |

# 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 |
|                                     | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |
| 70326 KING SALMON, AK.              | 5841N    | 15639W    | 15        |           | 1004.1       | 1005.9         | 4.6         | 5.2    | 5.9            | 1.6    | 7             | 38    | 11     | 5        |       |
| 70361 YAKUTAT                       | 5931N    | 13940W    | 9         |           | 1009.7       | 1011.9         | 4.4         | 2.2    | 6.4            | .4     | 16            | 275   | 56     | 4        |       |
| 70398 ANNETTE ISLAND, AK.           | 5502N    | 13134W    | 34        |           | 1009.7       | 1013.8         | 8.7         | 2.6    | 7.2            | .2     | 13            | 143   | -81    | 1        |       |
| 72201 KEY WEST/INTL, FL.            | 2433N    | 08145W    | 6         |           | 1013.6       | 1014.4         | 25.8        | .5     | 23.8           |        | 5             | 55    | 22     | 5        |       |
| 72202 MIAMI, FL.                    | 2549N    | 08017W    | 4         |           | 1013.3       | 1014.6         | 25.2        | 1.1    | 20.9           | .4     | 7             | 95    | 12     | 4        |       |
| 72203 WEST PALM BEACH/INTL, FL.     | 2641N    | 08007W    | 6         |           | 1014.3       | 1015.1         | 24.3        |        | 20.9           |        | 7             | 73    |        | 3        |       |
| 72205 ORLANDO/JETPORT, FL.          | 2826N    | 08119W    | 32        |           | 1011.9       | 1015.9         | 22.6        |        | 20.6           |        | 5             | 21    |        |          |       |
| 72206 JACKSONVILLE/INTNL, FL.       | 3030N    | 08142W    | 9         |           | 1015.2       | 1016.4         | 20.1        | -.3    | 15.4           | -.8    | 5             | 45    | -34    | 2        |       |
| 72207 SAVANNAH/MUNICIPAL, GA.       | 3208N    | 08112W    | 15        |           | 1013.9       | 1015.8         | 20.6        |        | 16.0           |        | 3             | 18    |        | 0        |       |
| 72208 CHARLESTON/MUN., SC.          | 3254N    | 08002W    | 15        |           | 1013.7       | 1015.4         | 20.2        | 2.3    | 15.3           | 1.6    | 4             | 45    | -21    | 2        |       |
| 72211 TAMPA/INTL, FL.               | 2758N    | 08232W    | 3         |           | 1014.8       | 1015.3         | 23.1        |        | 20.1           |        | 4             | 38    |        | 3        |       |
| 72214 TALLAHASSEE/MUN., FL.         | 3023N    | 08422W    | 21        |           | 1013.5       | 1016.0         | 19.6        |        | 15.4           |        | 5             | 54    |        | 2        |       |
| 72217 MACON/LEWIS B. WILSON, GA.    | 3242N    | 08339W    | 110       |           | 1002.3       | 1015.1         | 18.0        | -.5    | 12.5           |        | 3             | 32    | -54    | 1        |       |
| 72218 AUGUSTA/BUSH FIELD, GA.       | 3322N    | 08158W    | 45        |           | 1009.6       | 1014.8         | 17.9        |        | 13.8           |        | 6             | 52    |        | 2        |       |
| 72219 ATLANTA/MUN., GA.             | 3339N    | 08425W    | 315       |           | 978.4        | 1014.9         | 18.8        | 2.5    | 12.6           | 1.3    | 5             | 77    | -37    | 2        |       |
| 72223 MOBILE/BATES FIELD, AL.       | 3041N    | 08815W    | 67        |           | 1007.0       | 1014.8         | 19.5        | -.6    | 17.2           |        | 5             | 190   | 61     | 4        |       |
| 72226 MONTGOMERY/DANNELLY, AL.      | 3218N    | 08624W    | 62        |           | 1008.5       | 1015.6         | 18.8        |        | 14.6           |        | 4             | 108   |        | 3        |       |
| 72231 NEW ORLEANS, LA               | 2959N    | 09015W    | 9         |           | 1013.4       | 1014.4         | 20.4        | -.4    | 18.4           | .9     | 7             | 97    | -24    | 3        |       |
| 72234 MERIDIAN/KEY, MS.             | 3220N    | 08845W    | 94        |           | 1004.5       | 1015.4         | 19.0        |        | 15.3           |        | 5             | 196   |        | 4        |       |
| 72235 JACKSON/ALLEN C. THOMP., MS.  | 3219N    | 09005W    | 101       |           | 1002.5       | 1014.0         | 18.2        |        | 14.4           |        | 5             | 218   |        |          |       |
| 72240 LAKE CHARLES/MUN., LA.        | 3007N    | 09313W    | 10        |           | 1012.8       | 1013.8         | 20.7        |        | 19.8           |        | 7             | 103   |        |          |       |
| 72242 GALVESTON, TX.                | 2918N    | 09448W    | 16        |           |              |                | 21.3        | .6     |                |        | 1             | 48    | -19    | 3        |       |
| 72243 HOUSTON/INTERCONTI- NENTAL,   | 2958N    | 09521W    | 33        |           | 1009.0       | 1012.6         | 20.3        |        | 18.6           |        | 4             | 66    |        |          |       |
| 72248 SHREVEPORT/REG., LA.          | 3228N    | 09349W    | 79        |           | 1004.0       | 1013.1         | 18.1        | -1.6   | 14.9           |        | 5             | 198   | 91     | 5        |       |
| 72250 BROWNSVILLE/INTL, TX.         | 2554N    | 09726W    | 6         |           | 1010.3       | 1010.7         | 23.6        | -.3    | 21.6           | 1.4    | 2             | 3     | -37    | 1        |       |
| 72251 CORPUS CHRISTI/INTL, TX.      | 2746N    | 09730W    | 13        |           | 1009.7       | 1011.2         | 22.0        |        | 19.3           |        | 2             | 9     |        | 2        |       |
| 72253 SAN ANTONIO/INTL, TX.         | 2932N    | 09828W    | 242       |           | 983.7        | 1011.2         | 21.0        | .0     | 16.1           | .9     | 4             | 26    | -47    | 1        |       |
| 72254 AUSTIN/ROBERT MUELLER., TX.   | 3018N    | 09742W    | 189       |           | 990.1        | 1011.7         | 19.8        |        | 16.2           |        | 6             | 78    |        | 3        |       |
| 72255 VICTORIA/VICTORIA REG., TX.   | 2851N    | 09655W    | 36        |           | 1008.6       | 1012.5         | 20.6        |        | 19.0           |        | 5             | 39    |        |          |       |
| 72256 WACO, MADISON-COOPER, TX.     | 3137N    | 09713W    | 155       |           | 993.9        | 1011.5         | 18.2        |        | 16.2           |        | 9             | 182   |        | 5        |       |
| 72259 DALLAS-FORT WORTH/FORT., TX.  | 3254N    | 09702W    | 182       |           | 990.7        | 1011.5         | 17.9        |        | 15.8           |        | 8             | 174   |        | 5        |       |
| 72263 SAN ANGELO/MATHIS, TX.        | 3122N    | 10030W    | 582       |           | 944.4        | 1010.1         | 18.7        |        | 10.2           |        | 3             | 68    |        | 4        |       |
| 72265 MIDLAND/MIDLAND REG., TX.     | 3157N    | 10211W    | 872       |           | 911.7        | 1008.6         | 17.7        | -.3    | 5.7            |        | 1             | 10    | -10    | 2        |       |
| 72266 ABILENE, TX.                  | 3225N    | 09941W    | 534       |           | 947.9        | 1009.8         | 17.6        | -.9    | 10.8           | -.3    | 3             | 29    | -31    | 2        |       |
| 72267 LUBBOCK/LUBBOCK INTL, TX.     | 3339N    | 10149W    | 988       |           | 899.5        | 1009.2         | 15.9        |        | 5.8            |        | 2             | 20    |        | 3        |       |
| 72270 EL PASO/INTL, TX.             | 3148N    | 10624W    | 1194      |           | 878.1        | 1008.1         | 18.4        | .6     | 3.9            | -1.1   | 0             | 1     | -4     | 3        |       |
| 72274 TUCSON/INTL, AZ.              | 3207N    | 11056W    | 779       |           | 922.9        | 1010.2         | 18.2        |        | 4.4            |        | 1             | 7     |        | 4        |       |
| 72278 PHOENIX/SKY HARBOR INTL, AZ.  | 3326N    | 11201W    | 337       |           | 971.3        | 1010.0         | 20.2        | .2     | 7.0            | 1.4    | 3             | 7     | 0      | 4        |       |
| 72290 SAN DIEGO/LINDBERGH, CA.      | 3244N    | 11710W    | 9         |           | 1014.1       | 1015.1         | 16.4        | .3     | 11.9           | .3     | 3             | 24    | 4      | 4        |       |
| 72295 LOS ANGELES/INT., CA.         | 3356N    | 11824W    | 32        |           | 1011.0       | 1014.8         | 15.8        |        | 12.7           |        | 2             | 19    |        | 4        |       |
| 72304 CAPE HATTERAS, NC.            | 3516N    | 07533W    | 3         |           | 1015.7       | 1016.0         | 17.5        | 2.3    | 14.5           | 1.1    | 5             | 11    | -70    | 1        |       |
| 72306 RALEIGH/RALEIGH-DURHAM, NC.   | 3552N    | 07847W    | 134       |           | 1000.0       | 1015.8         | 16.1        |        | 12.0           |        | 3             | 34    |        | 1        |       |
| 72308 NORFOLK/INTL, VA.             | 3654N    | 07612W    | 9         |           | 1014.4       | 1015.4         | 15.8        |        | 10.2           |        | 6             | 70    |        | 3        |       |
| 72310 COLUMBIA, SC.                 | 3357N    | 08107W    | 69        |           | 1007.1       | 1015.1         | 18.7        | .9     | 12.7           |        | 5             | 25    | -71    | 1        |       |
| 72312 GREENVILLE/G-SPARTANBURG, SC. | 3454N    | 08213W    | 296       |           | 980.7        | 1015.2         | 16.8        |        | 11.1           |        | 3             | 40    |        | 1        |       |
| 72314 CHARLOTTE/DOUGLAS, NC.        | 3513N    | 08056W    | 234       |           | 987.7        | 1015.1         | 16.8        |        | 11.4           |        | 4             | 35    |        | 0        |       |
| 72315 ASHEVILLE/REG., NC            | 3526N    | 08233W    | 661       |           | 939.7        | 1015.6         | 13.6        | .3     | 10.1           | .3     | 3             | 25    | -63    | 1        |       |
| 72317 GREENSBORO/G.-HIGH PT., NC.   | 3605N    | 07957W    | 270       |           | 983.8        | 1015.3         | 15.6        |        | 10.2           |        | 3             | 10    |        | 0        |       |
| 72324 CHATTANOOGA/LOVELL FIELD, TN  | 3502N    | 08512W    | 210       |           | 990.3        | 1014.8         | 16.7        |        | 11.4           |        | 7             | 56    |        | 1        |       |

# SURFACE

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| STATION                              | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE |         | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|--------------------------------------|----------|-----------|-----------|-----------|----------|---------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                                      |          |           |           |           | MEAN     | STATION | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUANTILE | TOTAL | % OF AV. |
|                                      |          |           |           |           | mb       | mb      | o           | o c    | mb             | mb     | mm            | mm    | hr     |          |       |          |
| 72326 KNOXVILLE/MUN., TN.            | 3549N    | 08359W    | 299       |           | 979.7    | 1014.5  | 16.1        |        | 10.9           |        | 5             | 44    |        | 1        |       |          |
| 72327 NASHVILLE/METROPOLITAN, TN.    | 3607N    | 08641W    | 180       |           | 992.6    | 1014.0  | 16.1        | .7     | 11.6           | .4     | 9             | 100   | -14    | 3        |       |          |
| 72340 NORTH LITTLE ROCK/MUNICIPAL    | 3450N    | 09215W    | 165       |           | 993.5    | 1012.5  | 17.0        | .1     | 11.1           | -1.0   | 11            | 128   | -10    | 4        |       |          |
| 72344 FORT SMITH/MUN., AR.           | 3520N    | 09422W    | 141       |           | 995.8    | 1011.9  | 15.4        |        | 12.6           |        | 9             | 141   |        | 4        |       |          |
| 72353 OKLAHOMA CITY/W.R.WORLD, OK.   | 3524N    | 09736W    | 397       |           | 965.4    | 1011.2  | 13.8        | -1.8   | 12.1           | 1.4    | 7             | 96    | 22     | 5        |       |          |
| 72356 TULSA/INTL, OK.                | 3612N    | 09554W    | 206       |           | 987.9    | 1011.5  | 14.6        |        | 12.6           |        | 9             | 150   |        | 4        |       |          |
| 72365 ALBUQUERQUE/INT.,NM.           | 3503N    | 10637W    | 1620      |           | 834.1    | 1009.5  | 12.3        | -.6    | 4.4            | .0     | 4             | 18    | 8      | 4        |       |          |
| 72386 LAS VEGAS/MCCARRAN, NV.        | 3605N    | 11510W    | 664       |           | 934.5    | 1010.7  | 18.2        | .7     | 4.9            | .7     | 0             | T     | -6     | 2        |       |          |
| 72389 FRESNO/AIR TERM., CA.          | 3646N    | 11943W    | 100       |           | 1004.0   | 1016.1  | 15.9        |        | 10.0           |        | 6             | 27    |        | 4        |       |          |
| 72394 SANTA MARIA/PUBLIC, CA.        | 3454N    | 12027W    | 73        |           |          | 1017.1  | 12.7        | .6     |                |        | 3             | 10    | -15    | 3        |       |          |
| 72401 RICHMOND/BYRD, VA.             | 3730N    | 07720W    | 54        |           | 1009.0   | 1015.4  | 14.5        |        | 9.6            |        | 5             | 50    |        | 2        |       |          |
| 72405 WASHINGTON/NAT., VA.           | 3851N    | 07702W    | 20        |           | 1012.7   | 1015.1  | 13.5        | -.2    | 8.7            | -.6    | 6             | 48    | -28    | 2        |       |          |
| 72406 BALTIMORE/BALTIMORE-WASHINGT   | 3911N    | 07640W    | 47        |           | 1009.3   | 1015.0  | 12.9        |        | 8.2            |        | 6             | 49    |        | 1        |       |          |
| 72407 ATLANTIC CITY, NJ.             | 3927N    | 07434W    | 20        |           | 1012.1   | 1014.4  | 9.8         |        | 8.1            |        | 8             | 55    |        | 1        |       |          |
| 72408 PHILADELPHIA/INTL, PA.         | 3953N    | 07515W    | 9         |           | 1013.8   | 1014.8  | 12.5        | .9     | 9.1            |        | 7             | 50    | -36    | 1        |       |          |
| 72411 ROANOKE/MUN., VA.              | 3719N    | 07958W    | 358       |           | 972.4    | 1014.4  | 13.8        |        | 8.2            |        | 4             | 20    |        | 1        |       |          |
| 72412 BECKLEY (RALEIGH CTY.MUN), WV. | 3747N    | 08107W    | 766       |           | 927.4    | 1015.8  | 11.6        |        | 7.1            |        | 6             | 48    |        |          |       |          |
| 72414 CHARLESTON/KANAWHA., WV.       | 3822N    | 08136W    | 299       |           | 978.9    | 1014.0  | 12.9        |        | 11.2           |        | 8             | 66    |        | 2        |       |          |
| 72421 CINCINNATI/GREATER CIN., OH.   | 3903N    | 08440W    | 267       |           | 982.3    | 1013.9  | 11.8        | -1.0   | 9.7            |        | 12            | 108   | 12     | 4        |       |          |
| 72422 LEXINGTON/BLUE GRASS, KY.      | 3802N    | 08436W    | 301       |           | 978.6    | 1014.0  | 13.1        |        | 10.3           |        | 8             | 99    |        | 3        |       |          |
| 72423 LOUISVILLE/STANDIFORD, KY.     | 3811N    | 08544W    | 149       |           | 996.1    | 1013.6  | 14.3        |        | 10.8           |        | 8             | 67    |        | 2        |       |          |
| 72425 HUNTINGTON/TRI- STATE WV.      | 3822N    | 08233W    | 255       |           | 984.0    | 1014.1  | 13.4        |        | 8.8            |        | 10            | 57    |        |          |       |          |
| 72428 COLUMBUS/PORT COLUMBUS, OH.    | 4000N    | 08352W    | 254       |           | 984.6    | 1014.3  | 10.4        | -.9    | 8.4            | 1.4    | 13            | 81    | -5     | 3        |       |          |
| 72429 DAYTON/JAMES M. COX DAYTON M   | 3954N    | 08412W    | 306       |           | 978.1    | 1014.5  | 10.2        | -.5    | 9.0            | .7     | 15            | 135   | 47     | 5        |       |          |
| 72432 EVANSVILLE/REG., IN.           | 3803N    | 08732W    | 118       |           | 999.9    | 1013.7  | 14.6        |        | 11.0           |        | 10            | 142   |        | 4        |       |          |
| 72434 ST. LOUIS/LAMBERT, ST., MO.    | 3845N    | 09022W    | 172       |           | 992.6    | 1012.7  | 13.8        | .4     | 11.3           | 1.3    | 11            | 85    | -5     | 3        |       |          |
| 72438 INDIANAPOLIS/I.-MUN/WEI., IN.  | 3944N    | 08616W    | 246       |           | 984.9    | 1014.2  | 11.1        |        | 9.5            |        | 9             | 71    |        | 2        |       |          |
| 72439 SPRINGFIELD/CAPITAL, IL.       | 3951N    | 08940W    | 187       |           | 990.6    | 1012.7  | 10.9        |        | 9.8            |        | 13            | 69    |        |          |       |          |
| 72440 SPRINGFIELD/MUN., MO.          | 3714N    | 09323W    | 387       |           | 967.1    | 1012.1  | 13.3        |        | 11.2           |        | 15            | 220   |        | 6        |       |          |
| 72445 COLUMBIA/REGIONAL, MO.         | 3849N    | 09213W    | 274       |           | 980.2    | 1012.2  | 11.7        | -1.5   | 10.3           | 1.1    | 10            | 183   | 84     | 5        |       |          |
| 72446 KANSAS CITY, INTL, MO.         | 3919N    | 09443W    | 312       |           | 975.4    | 1011.9  | 11.3        |        | 9.0            |        | 8             | 54    |        |          |       |          |
| 72450 WICHITA, KS.                   | 3739N    | 09726W    | 408       |           | 963.8    | 1011.1  | 11.3        | -2.3   | 9.9            | 1.1    | 7             | 87    | 20     | 4        |       |          |
| 72451 DODGE CITY/MUN., KS.           | 3746N    | 09958W    | 790       |           | 920.4    | 1010.8  | 10.2        | -2.1   | 8.0            |        | 10            | 76    | 32     | 5        |       |          |
| 72456 TOPEKA/MUN., KS.               | 3904N    | 09537W    | 270       |           | 980.1    | 1011.3  | 11.1        | -1.5   | 9.2            |        | 10            | 84    | 3      | 3        |       |          |
| 72458 CONCORDIA/BLOSSER MUN., KS.    | 3933N    | 09739W    | 452       |           | 958.4    | 1011.1  | 9.5         | -2.2   | 8.6            |        | 6             | 56    | 2      | 4        |       |          |
| 72465 GOODLAND/RENNER FIELD/, KS.    | 3922N    | 10142W    | 1124      |           | 884.0    | 1011.3  | 7.1         |        | 7.1            |        | 10            | 57    |        | 5        |       |          |
| 72469 DENVER/STAPLETON INTL, CO.     | 3945N    | 10452W    | 1625      |           |          |         | 6.3         | -2.8   |                |        | 9             | 54    | 14     | 4        |       |          |
| 72476 GRAND JUNCTION/WALKER F., CO.  | 3907N    | 10832W    | 1475      |           | 847.6    | 1009.9  | 10.3        | -.5    | 4.3            | -.2    | 7             | 24    | 5      | 4        |       |          |
| 72483 SACRAMENTO/EXECUTIVECA.        | 3831N    | 12130W    | 8         |           |          |         | 14.4        | -.6    |                |        | 10            | 32    | -4     | 3        |       |          |
| 72486 ELY/YELLAND, NV.               | 3917N    | 11451W    | 1909      |           | 805.1    | 1012.0  | 4.9         | -.1    | 4.1            | .4     | 10            | 37    | 14     | 5        |       |          |
| 72488 RENO/INT., NV.                 | 3930N    | 11947W    | 1341      |           | 863.9    | 1014.1  | 8.6         |        | 4.8            |        | 3             | 10    |        | 3        |       |          |
| 72494 SAN FRANCISCO/INTL, CA.        | 3737N    | 12223W    | 5         |           | 1016.5   | 1017.4  | 12.8        | .1     | 11.1           | 1.6    | 10            | 36    | -3     | 4        |       |          |
| 72503 NEW YORK/LA GUARDIA, NY.       | 4046N    | 07354W    | 9         |           | 1014.0   | 1015.2  | 11.1        | .5     | 7.0            | -.2    | 9             | 50    | -39    | 1        |       |          |
| 72507 PROVIDENCE/GREEN STATE, RI.    | 4144N    | 07126W    | 19        |           | 1012.1   | 1014.4  | 9.1         |        | 6.7            |        | 10            | 85    |        | 3        |       |          |
| 72508 HARTFORD/BRADLEY INTL, CT.     | 4156N    | 07241W    | 55        |           | 1007.5   | 1014.2  | 8.2         |        | 6.3            |        | 9             | 66    |        | 1        |       |          |
| 72509 BOSTON/LOGAN INTL, MA.         | 4222N    | 07102W    | 9         |           | 1013.4   | 1014.2  | 7.8         | -1.3   | 6.8            | -.2    | 6             | 36    | -59    | 1        |       |          |
| 72513 WILKES-BARRE-SCRANTON, PA.     | 4120N    | 07544W    | 289       |           | 980.4    | 1015.1  | 8.0         |        | 6.2            |        | 10            | 55    |        |          |       |          |
| 72515 BINGHAMTON/BROOME CO., NY.     | 4213N    | 07559W    | 497       |           | 955.1    | 1015.0  | 5.2         |        | 5.8            |        | 11            | 73    |        |          |       |          |
| 72517 ALLENTOWN/A.-BETHLEHEM-, PA.   | 4039N    | 07526W    | 117       |           | 1001.1   | 1015.3  | 9.6         |        | 6.8            |        | 6             | 63    |        | 1        |       |          |



# SURFACE

APRIL 1995

| STATION                              | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|--------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                                      |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
|                                      | '        | '         | m         |           | mb           | mb             | °           | ° c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 72518 ALBANY/ALBANY CO., NY.         | 4245N    | 07348W    | 89        |           | 1004.7       | 1015.6         | 6.6         | -2.0   | 6.2            |        | 6             | 49    | -28    | 1        |       |          |
| 72519 SYRACUSE/HANCOCK, NY.          | 4307N    | 07607W    | 124       |           | 999.6        | 1014.4         | 5.8         |        | 5.6            |        | 7             | 48    |        | 1        |       |          |
| 72520 PITTSBURGH/GREATER PITT., PA.  | 4030N    | 08013W    | 373       |           | 970.6        | 1015.1         | 9.2         | -1.9   | 7.6            |        | 11            | 43    | -45    | 1        |       |          |
| 72521 AKRON/AKRON-CANTON REG., OH.   | 4055N    | 08126W    | 377       |           | 970.1        | 1015.2         | 8.2         |        | 7.6            |        | 13            | 82    |        | 3        |       |          |
| 72525 YOUNGSTOWN, OH.                | 4116N    | 08040W    | 361       |           | 971.2        | 1014.9         | 7.6         |        | 7.3            |        | 11            | 71    |        | 2        |       |          |
| 72528 BUFFALO/GREATER BUFFALO, NY.   | 4256N    | 07844W    | 215       |           | 989.3        | 1015.6         | 5.7         | -1.3   | 5.9            | -.9    | 8             | 36    | -37    | 0        |       |          |
| 72529 ROCHESTER/R-MONROE CTY., NY.   | 4307N    | 07740W    | 169       |           | 994.6        | 1015.4         | 5.3         |        | 6.1            |        | 7             | 30    |        | 0        |       |          |
| 72530 CHICAGO/O'HARE, IL.            | 4159N    | 08754W    | 205       |           | 989.5        | 1014.3         | 7.8         |        | 6.9            |        | 13            | 147   |        | 5        |       |          |
| 72532 PEORIA/GREATER PEORIA, IL.     | 4040N    | 08941W    | 202       |           | 988.7        | 1012.8         | 9.6         |        | 8.9            |        | 13            | 121   |        | 4        |       |          |
| 72533 FORT WAYNE/MUN., BAER FL., IN. | 4100N    | 08512W    | 252       |           | 984.2        | 1014.5         | 8.7         |        | 7.9            |        | 12            | 128   |        | 5        |       |          |
| 72535 SOUTH BEND/ST. JOSEPH CO., IN. | 4142N    | 08619W    | 236       |           | 985.1        | 1013.7         | 8.1         |        | 7.3            |        | 13            | 116   |        | 3        |       |          |
| 72536 TOLEDO/EXPRESS, OH.            | 4136N    | 08348W    | 211       |           | 989.7        | 1014.9         | 8.2         |        | 7.1            |        | 12            | 115   |        |          |       |          |
| 72537 DETROIT/METROPOLITAN, MI.      | 4214N    | 08320W    | 202       |           | 990.4        | 1015.2         | 7.6         | -1.2   | 6.7            |        | 13            | 87    | 12     | 4        |       |          |
| 72544 MOLINE/QUAD CITY, IL.          | 4127N    | 09031W    | 181       |           | 991.8        | 1013.4         | 8.7         |        | 8.1            |        | 13            | 157   |        | 5        |       |          |
| 72546 DES MOINES/MUN., IA.           | 4132N    | 09339W    | 294       |           | 977.6        | 1012.4         | 8.6         | -2.0   | 7.4            | -.5    | 12            | 153   | 70     | 5        |       |          |
| 72556 NORFOLK/KARL STEFAN, NE.       | 4159N    | 09726W    | 473       |           | 956.4        | 1012.2         | 7.6         |        | 7.3            |        | 10            | 94    |        | 5        |       |          |
| 72557 SIOUX CITY/MUN., IA.           | 4224N    | 09623W    | 336       |           | 972.4        | 1012.4         | 7.7         |        | 7.3            |        | 12            | 120   |        | 6        |       |          |
| 72562 NORTH PLATTE/LEE BIRD, NE.     | 4108N    | 10041W    | 849       |           | 913.9        | 1012.2         | 6.6         | -2.1   | 6.5            | -.2    | 11            | 79    | 32     | 5        |       |          |
| 72564 CHEYENNE, WY.                  | 4109N    | 10449W    | 1872      |           | 807.0        | 1011.4         | 4.2         |        | 4.7            |        | 12            | 38    |        | 4        |       |          |
| 72569 CASPER/NATRONA COUNTY I., WY.  | 4255N    | 10628W    | 1612      |           | 833.1        | 1011.7         | 4.7         |        | 5.0            |        | 10            | 42    |        | 4        |       |          |
| 72572 SALT LAKE CITY/INTL, UT.       | 4047N    | 11158W    | 1288      |           | 867.6        | 1011.7         | 9.2         | -.2    | 6.3            | .6     | 9             | 53    | -3     | 3        |       |          |
| 72576 LANDER/HUNT, WY.               | 4249N    | 10844W    | 1694      |           |              |                | 5.4         |        |                |        | 14            | 85    |        | 5        |       |          |
| 72578 POCATELLO/NUM., ID.            | 4255N    | 11236W    | 1365      |           | 858.7        | 1011.8         | 7.1         |        | 5.5            |        | 6             | 26    |        | 3        |       |          |
| 72583 WINNEMUCCA/MUN., NV.           | 4054N    | 11748W    | 1322      |           | 866.2        | 1014.3         | 6.6         | -.8    | 4.6            | .5     | 5             | 28    | 7      | 4        |       |          |
| 72594 EUREKA, CA.                    | 4048N    | 12410W    | 18        |           | 1016.4       | 1018.3         | 10.6        | 1.0    | 10.4           |        | 16            | 190   | 115    | 5        |       |          |
| 72597 MEDFORD/MEDFORD- JACKSON COU   | 4222N    | 12252W    | 405       |           | 968.9        | 1017.3         | 10.4        | .6     | 8.1            | .9     | 14            | 63    | 30     | 5        |       |          |
| 72605 CONCORD/MUN., NH.              | 4312N    | 07130W    | 105       |           | 1001.0       | 1013.5         | 5.3         |        | 5.2            |        | 9             | 42    |        | 1        |       |          |
| 72606 PORTLAND/INTNL. JET PORT, ME   | 4339N    | 07019W    | 19        |           | 1011.3       | 1012.9         | 5.1         |        | 5.8            |        | 10            | 56    |        | 1        |       |          |
| 72617 BURLINGTON/INTL, VT.           | 4428N    | 07309W    | 104       |           | 1001.6       | 1014.3         | 4.7         | -1.2   | 5.2            | -.9    | 9             | 60    | -10    | 2        |       |          |
| 72635 GRAND RAPIDS/KENT CO., MI.     | 4253N    | 08531W    | 245       |           | 984.4        | 1014.2         | 6.0         |        | 6.8            |        | 13            | 98    |        |          |       |          |
| 72636 MUSKEGON/COUNTY, MI.           | 4310N    | 08615W    | 193       |           | 990.8        | 1014.3         | 5.9         |        | 6.3            |        | 11            | 88    |        | 2        |       |          |
| 72637 FLINT/BISHOP, MI.              | 4258N    | 08345W    | 233       |           | 986.3        | 1014.9         | 5.9         |        | 6.2            |        | 13            | 70    |        | 3        |       |          |
| 72640 MILWAUKEE/GEN. MITCHELL, WI.   | 4257N    | 08754W    | 211       |           | 988.0        | 1013.8         | 6.6         |        | 6.7            |        | 11            | 98    |        | 4        |       |          |
| 72641 MADISON/DANE COUNTY REGIONAL   | 4308N    | 08920W    | 264       |           | 981.5        | 1013.4         | 6.6         | -1.0   | 6.5            |        | 11            | 105   | 25     | 4        |       |          |
| 72644 ROCHESTER/MUN., MN.            | 4355N    | 09230W    | 402       |           | 965.2        | 1013.4         | 4.6         |        | 6.2            |        | 11            | 74    |        |          |       |          |
| 72645 GREEN BAY/A.-STRAUBEL, WI.     | 4429N    | 08808W    | 214       |           | 987.9        | 1014.2         | 4.7         |        | 5.8            |        | 7             | 56    |        | 2        |       |          |
| 72651 SIOUX FALLS/POSS FIELD, SD.    | 4335N    | 09644W    | 435       |           | 961.4        | 1013.5         | 5.4         |        | 6.8            |        | 16            | 148   |        | 6        |       |          |
| 72654 HURON/HURON REGIONAL, SD.      | 4423N    | 09813W    | 393       |           | 966.8        | 1014.1         | 4.7         | -2.9   | 6.7            |        | 13            | 135   | 85     | 5        |       |          |
| 72658 MINNEAPOLIS/ST. PAUL INTL, MN. | 4453N    | 09313W    | 255       |           | 983.6        | 1014.4         | 5.7         | -1.9   | 5.2            |        | 9             | 48    | -5     | 3        |       |          |
| 72662 RAPID CITY/REG., SD.           | 4403N    | 10304W    | 966       |           | 902.2        | 1014.5         | 4.6         | -2.4   | 5.5            | -.2    | 13            | 65    | 15     | 4        |       |          |
| 72666 SHERIDAN/COUNTY, WY.           | 4446N    | 10658W    | 1209      |           | 875.8        | 1013.7         | 5.4         | -.6    | 5.9            | .6     | 8             | 53    | 2      | 4        |       |          |
| 72677 BILLINGS/LOGAN INTL, MT.       | 4548N    | 10832W    | 1088      |           | 888.7        | 1013.5         | 5.9         |        | 5.9            |        | 11            | 47    |        | 3        |       |          |
| 72681 BOISE/MUN., ID.                | 4334N    | 11613W    | 874       |           | 913.1        | 1014.2         | 9.0         | -.2    | 6.0            | .5     | 8             | 26    | -4     | 3        |       |          |
| 72688 PENDELTON, OR.                 | 4541N    | 11851W    | 456       |           | 961.2        | 1015.7         | 9.4         |        | 7.0            |        | 7             | 58    |        | 5        |       |          |
| 72698 PORTLAND/INTL, OR.             | 4536N    | 12236W    | 12        |           | 1015.4       | 1017.3         | 10.7        | -.3    | 8.9            | 1.3    | 15            | 89    | 21     | 4        |       |          |
| 72712 CARIBOU/MUN., ME.              | 4652N    | 06801W    | 190       |           | 988.0        | 1011.2         | 1.5         | -1.3   | 4.8            | -.4    | 10            | 52    | -10    | 2        |       |          |
| 72734 SAULT STE. MARIE, MI.          | 4628N    | 08422W    | 221       |           | 987.9        | 1015.5         | 1.4         | -1.8   | 5.1            | -.5    | 12            | 106   | 47     | 6        |       |          |
| 72743 MARQUETTE, MI.                 | 4632N    | 08733W    | 434       |           | 962.3        | 1015.5         | .1          | -4.3   | 4.9            |        | 10            | 59    | -6     | 3        |       |          |
| 72745 DULUTH/INT., MN.               | 4650N    | 09211W    | 432       |           | 962.8        | 1015.5         | 1.5         | -2.0   | 4.3            | -.1    | 8             | 56    | 1      | 4        |       |          |

# 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 |
|                                    | °        | °         | m         |           | mb           | mb             | °           | ° c    | mb             | mb     | mm            | mm    | mm     | hr       |       |
| 72747 INT.FALLS/FALLS INT.MN.      | 4834N    | 09323W    | 361       |           | 972.0        | 1016.3         | 1.1         | -2.3   | 4.3            | -.4    | 6             | 31    | -10    | 2        |       |
| 72753 FARGO/HECTOR FIELD, ND.      | 4654N    | 09648W    | 274       |           | 982.7        | 1016.3         | 3.8         |        | 5.4            |        | 2             | 18    |        | 2        |       |
| 72764 BISMARCK/MUN.,ND.            | 4646N    | 10045W    | 506       |           | 955.3        | 1016.2         | 3.8         | -2.0   | 5.2            | -.6    | 5             | 25    | -13    | 3        |       |
| 72767 WILLISTON/SLOULIN FIELD, ND. | 4811N    | 10338W    | 581       |           | 946.8        | 1016.4         | 3.7         |        | 4.7            |        | 7             | 22    |        | 3        |       |
| 72768 GLASGOW/INTL., MT.           | 4813N    | 10637W    | 700       |           | 932.4        | 1015.5         | 3.7         |        | 5.1            |        | 4             | 34    |        | 5        |       |
| 72772 HELENA/COUNTY-CITY, MT.      | 4636N    | 11200W    | 1188      |           | 878.2        | 1014.3         | 5.6         | .2     | 5.2            |        | 7             | 30    | 5      | 4        |       |
| 72773 MISSOULA/JOHNSON-BELL F.,MT. | 4655N    | 11405W    | 972       |           | 902.7        | 1015.3         | 7.2         |        | 5.3            |        | 4             | 19    |        | 2        |       |
| 72775 GREAT FALLS/INT., MT.        | 4729N    | 11122W    | 1115      |           |              |                | 4.5         | -1.6   |                |        | 10            | 52    | 11     | 4        |       |
| 72781 YAKIMA/YAKIMA AIR TERM.,WA.  | 4634N    | 12032W    | 325       |           | 976.3        | 1015.5         | 8.9         |        | 6.3            |        | 4             | 21    |        | 4        |       |
| 72785 SPOKANE/INT.,WA.             | 4738N    | 11732W    | 721       |           | 930.1        | 1014.8         | 7.5         | -2     | 5.5            | -.5    | 3             | 24    | -3     | 3        |       |
| 72791 ASTORIA/CLATSOP, OR.         | 4609N    | 12353W    | 7         |           | 1015.5       | 1016.8         | 9.1         |        | 9.9            |        | 20            | 147   |        |          |       |
| 72792 OLYMPIA, WA.                 | 4658N    | 12254W    | 61        |           | 913.0        | 916.8          | 9.2         | .9     | 3.9            | -3.9   | 13            | 69    | -10    | 3        | 4     |
| 72793 SEATTLE/S.-TACOMA, WA.       | 4727N    | 12218W    | 137       |           | 999.2        | 1016.1         | 11.0        |        | 9.1            |        | 9             | 53    |        | 3        |       |
| 72797 QUILLAYUTE, WA.              | 4756N    | 12433W    | 62        |           | 1008.2       | 1016.3         | 8.5         | .9     | 9.2            | 1.3    | 17            | 151   | -33    | 3        |       |
| 74492 BLUE HILL OBS., MA.          | 4213N    | 07107W    | 195       |           | 989.9        | 1014.0         | 7.2         | -.7    | 6.0            | -1.0   | 7             | 47    | -54    | 1        | 208   |
| <b>CANADA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 71043 NORMAN WELLS, N.W.T.         | 6517N    | 12648W    | 74        |           | 1008.1       | 1017.5         | -14.2       | -1.4   | 3.7            | .9     | 1             | 2     | -13    | 1        | 145   |
| 71101 SANDSPIT, B.C.               | 5315N    | 13149W    | 6         |           | 1012.8       | 1013.6         | 7.6         | 1.6    | 8.2            | .6     | 10            | 83    | -1     | 4        |       |
| 71109 PORT HARDY, B.C.             | 5041N    | 12722W    | 22        |           | 1012.3       | 1014.9         | 7.7         | 1.1    | 8.4            | -.6    | 15            | 77    | -31    | 2        | 104   |
| 71600 SABLE ISLAND, N.S.           | 4356N    | 06001W    | 4         |           | 1010.7       | 1011.2         | 3.0         | -.3    | 6.5            | -.2    | 10            | 127   | 29     | 5        |       |
| 71601 SHEARWATER, N.S.             | 4438N    | 06330W    | 51        |           | 1004.8       | 1011.1         | 3.7         | -.3    | 5.9            | -.3    | 14            | 107   | 6      | 3        | 122   |
| 71624 TORONTO PEARSON INT. AIRPORT | 4340N    | 07938W    | 173       |           | 993.5        | 1014.7         | 4.6         | -1.6   | 5.8            | -.8    | 12            | 105   | 35     | 5        |       |
| 71707 SYDNEY, N.S.                 | 4610N    | 06003W    | 62        |           | 1002.4       | 1010.1         | 1.6         | -.4    | 5.6            | .0     | 9             | 43    | -59    | 1        | 109   |
| 71727 BAGOTVILLE, QUE.             | 4820N    | 07100W    | 159       |           | 993.0        | 1012.8         | .6          | -1.6   | 4.4            | -.4    | 13            | 82    | 34     | 5        |       |
| 71731 NORTH BAY, ONT.              | 4621N    | 07926W    | 371       |           | 967.8        | 1013.8         | .5          | -2.7   | 4.4            | -.6    | 11            | 83    | 20     | 4        |       |
| 71803 GANDER INT.AIRPORT, NFLD.    | 4857N    | 05434W    | 151       |           | 989.2        | 1007.8         | .5          | -.4    | 5.0            | -.2    | 14            | 91    | -2     | 3        | 100   |
| 71811 SEPT-ILES, QUE.              | 5013N    | 06616W    | 55        |           | 1003.8       | 1010.6         | .0          | .0     | 4.8            | .4     | 13            | 77    | -1     | 3        |       |
| 71815 STEPHENVILLE, NFLD.          | 4832N    | 05833W    | 26        |           | 1005.8       | 1008.4         | .4          | -1.4   | 5.5            | .2     | 12            | 80    | 20     | 4        | 79    |
| 71816 GOOSE, NFLD.                 | 5319N    | 06025W    | 49        |           | 1005.8       | 1011.7         | 3.9         | 5.6    | 4.7            | .7     | 15            | 87    | 26     | 4        | 70    |
| 71831 KAPUSKASING, ONT.            | 4925N    | 08228W    | 227       |           | 987.5        | 1015.8         | 2.0         | 1.5    | 3.8            | -.8    | 10            | 61    | 8      | 4        |       |
| 71852 WINNIPEG INT.AIRPORTMAN.     | 4954N    | 09714W    | 239       |           | 987.8        | 1017.3         | .5          | -2.9   | 4.7            | -.6    | 2             | 9     | -30    | 1        | 87    |
| 71863 REGINA, SASK.                | 5026N    | 10440W    | 577       |           | 947.5        | 1017.7         | 2.0         | -1.3   | 4.7            | -.6    | 6             | 32    | 8      | 4        | 82    |
| 71867 THE PAS, MAN.                | 5358N    | 10106W    | 271       |           | 985.7        | 1019.7         | 2.3         | 2.3    | 3.6            | -.8    | 5             | 18    | -9     | 2        | 98    |
| 71874 LETHBRIDGE, ALTA.            | 4938N    | 11248W    | 929       |           | 906.5        | 1015.7         | 4.0         | -.9    | 5.1            | -.2    | 10            | 41    | -2     | 3        | 91    |
| 71892 VANCOUVER INT. AIR- PORT, B. | 4911N    | 12310W    | 2         |           | 1015.3       | 1015.6         | 9.6         | .8     | 8.9            | .6     | 12            | 55    | -5     | 3        | 130   |
| 71896 PRINCE GEORGE, B.C.          | 5353N    | 12241W    | 691       |           | 932.5        | 1015.4         | 5.6         | 1.3    | 5.2            | .2     | 12            | 73    | 46     | 6        | 90    |
| 71906 KUUJJUAQ, QUE.               | 5807N    | 06825W    | 37        |           | 1003.8       | 1008.5         | -5.8        | 3.6    | 3.5            | .8     | 6             | 17    | -6     | 2        | 104   |
| 71909 IQALUIT, N.W.T.              | 6345N    | 06832W    | 34        |           | 1014.8       | 1019.2         | -9.5        | 4.7    | 2.9            | 1.1    | 4             | 9     | -17    | 1        | 83    |
| 71917 EUREKA, N.W.T.               | 7959N    | 08556W    | 10        |           | 1025.0       |                | -19.2       | 8.4    | 1.3            | .7     | 0             | 0     | -3     | 0        | 112   |
| 71924 RESOLUTE, N.W.T.             | 7443N    | 09459W    | 67        |           | 1017.2       |                | -16.4       | 6.7    | 1.6            | .8     | 1             | 5     | -1     | 3        | 108   |
| 71926 BAKER LAKE, N.W.T.           | 6418N    | 09605W    | 18        |           | 1019.8       | 1022.2         | -13.9       | 3.4    | 2.2            | .7     | 3             | 4     | -10    | 1        | 87    |
| 71934 FORT SMITH, N.W.T.           | 6001N    | 11157W    | 203       |           | 995.7        | 1021.0         | 2.0         | 4.2    | 3.7            | -.4    | 3             | 11    | -5     | 2        | 110   |
| 71945 FORT NELSON, B.C.            | 5850N    | 12235W    | 382       |           | 970.0        | 1017.0         | 3.1         | 1.5    | 4.5            | .2     | 4             | 21    | 4      | 4        | 121   |
| 71957 INUVIK, N.W.T.               | 6818N    | 13329W    | 68        |           | 1008.8       | 1017.8         | -7.5        | 6.7    | 3.1            | 1.3    | 1             | 3     | -12    | 2        | 117   |
| 71964 WITTHEORSE, Y.T.             | 6043N    | 13504W    | 703       |           | 928.9        | 1013.5         | 3.3         | 3.0    | 4.5            | .8     | 1             | 2     | -8     | 1        | 115   |
| <b>ST. PIERRE AND MIQUELON</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 71805 SAINT-PIERRE                 | 4646N    | 05610W    | 5         |           | 1007.7       | 1008.3         | 1.6         | -.3    | 5.5            | -.2    | 11            | 56    | -34    | 2        | 156   |

# 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. |
|                                      | '        | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>MEXICO</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 76342 MONCLOVA, COAH.                | 2653N    | 10125W    | 615       |           | 940.0        | 1007.9         | 25.4        | 1.4    | 18.4           | -1.2   | 1             | 16    | -2     | 4        | 286   |          |
| 76382 TORREON, COAH.                 | 2532N    | 10327W    | 1124      |           | 885.0        | 1009.7         | 24.7        | .4     | 9.6            |        | 0             | 0     | -3     | 0        | 262   |          |
| 76393 MONTERREY, N.L.                | 2552N    | 10012W    | 512       |           | 951.2        | 1008.2         | 24.4        | .5     | 18.6           | 2.6    | 2             | 44    | 23     | 5        | 235   | 180      |
| 76405 LA PAZ, B.C.S.                 | 2416N    | 11025W    | 18        |           | 1009.4       | 1011.4         | 22.5        | .7     | 11.0           | -1.4   | 0             | 4     | 3      | 5        | 525   | 0        |
| 76458 COLONIA JUAN CARRAS-CO MAZAT   | 2312N    | 10625W    | 4         |           | 1008.9       | 1010.0         | 21.9        | -.2    | 18.6           | -1.6   | 0             | 0     | -2     | 0        | 314   | 125      |
| 76525 ZACATECAS, ZAC. (LA BUFA, ZAC. | 2247N    | 10234W    | 2612      |           | 745.9        | 1006.7         | 15.5        | -1.1   | 3.7            |        | 0             | 0     | -5     | 0        | 324   | 135      |
| 76548 TAMPICO, TAMP.                 | 2213N    | 09751W    | 9         |           | 1007.8       | 1010.8         | 24.6        | .0     | 24.4           | .4     | 2             | 71    | 53     | 5        | 182   |          |
| 76577 GUANAJUATO, GTO.               | 2101N    | 10115W    | 1999      |           | 802.4        | 1006.8         | 21.1        | .9     | 10.2           | -.2    | 0             | 0     | -18    | 0        | 278   | 105      |
| 76612 GUADALAJARA, JAL.              | 2040N    | 10323W    | 1551      |           | 844.9        | 1007.6         | 19.2        | -2.6   | 7.7            | -2.6   | 0             | 0     | -8     | 0        | 269   | 105      |
| 76644 AEROP. INTERNACIONAL MERIDA,   | 2059N    | 08939W    | 9         |           | 1009.4       | 1010.4         | 28.6        | 1.1    | 25.1           |        | 2             | 102   | 84     | 6        | 244   | 125      |
| 76654 MANZANILLO, COL.               | 1903N    | 10420W    | 3         |           | 1009.5       | 1009.9         | 23.8        | -.8    | 21.5           | -.6    | 0             | 0     | -4     | 0        | 298   |          |
| 76750 CHETUMAL, Q. ROO               | 1830N    | 08818W    | 3         |           | 1005.4       | 1006.4         | 28.4        | .9     | 28.4           | -3.3   | 3             | 0067  | 6      | 6        | 248   |          |
| 76775 OAXACA, OAX.                   | 1704N    | 09643W    | 1550      |           | 846.9        | 1010.2         |             |        | 11.4           | -3.2   |               |       |        | 6        |       |          |
| <b>JAMAICA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78397 KINGSTON/NORMAN MANLEY         | 1756N    | 07647W    | 14        |           | 1011.1       | 1012.7         | 28.2        | 1.3    |                |        | 2             | 21    | -18    | 3        | 266   | 20       |
| <b>PUERTO RICO AND US POSS</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78526 SAN JUAN/INTL, PUERTO RICO     | 1826N    | 06600W    | 19        |           |              | 1014.4         | 27.0        | 1.1    | 25.4           | 2.2    | 7             | 76    | -15    | 3        |       |          |
| <b>BELIZE</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78583 BELIZE/PHILLIP GOLDSTON INTL   | 1732N    | 08818W    | 5         |           | 1009.6       | 1010.1         | 28.5        | 1.3    | 29.3           | 2.1    | 2             | 103   | 54     | 5        | 263   | 105      |
| <b>HONDURAS</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78705 LA CEIBA (AIRPORT)             | 1544N    | 08652W    | 26        |           | 1007.6       | 1008.5         | 28.7        |        | 28.9           |        | 1             | 10    |        | 1        | 210   | 90       |
| 78708 LA MESA (SAN PEDRO SULA)       | 1527N    | 08756W    | 31        |           | 1004.6       | 1008.1         | 30.4        | 3.1    | 26.8           | .6     | 4             | 60    | 31     | 4        | 225   | 105      |
| 78720 TEGUCIGALPA                    | 1403N    | 08713W    | 1007      |           | 901.9        | 1009.8         | 23.8        | .8     | 19.2           | 3.6    | 4             | 54    | 20     | 4        | 193   | 45       |
| <b>COSTA RICA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78760 PUNTARENAS                     | 0958N    | 08450W    | 3         |           | 1008.6       | 1008.9         | 28.3        | -.5    | 31.8           |        | 10            | 116   | 71     | 5        | 229   | 450      |
| 78762 JUAN SANTAMARIA                | 1000N    | 08413W    | 939       |           | 908.8        | 1009.3         | 24.2        | 1.7    | 22.2           | 3.3    | 15            | 338   | 267    | 6        | 214   | 445      |
| 78767 PUERTO LIMON                   | 1000N    | 08303W    | 3         |           | 1010.4       | 1011.0         | 26.5        | .6     | 29.9           |        | 18            | 212   | -130   | 3        | 165   | 475      |
| <b>ST. MAARTEN, ST. EUST., SABA</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78866 JULIANA AIRPORT, ST. MAARTEN   | 1803N    | 06307W    | 9         |           | 1014.3       | 1014.8         | 27.0        | .4     | 25.2           |        | 3             | 16    | -60    | 1        | 298   | 115      |
| <b>MARTINIQUE</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78925 LE LAMENTIN                    | 1436N    | 06100W    | 7         |           | 1013.4       | 1014.3         | 25.7        | .9     | 26.3           | 1.7    | 15            | 133   | 55     | 5        |       |          |
| <b>BARBADOS</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78954 GRANTLEY ADAMS                 | 1304N    | 05929W    | 56        |           | 1005.0       | 1011.5         | 26.8        | .3     | 26.6           | .7     | 13            | 0077  | 0031   | 5        | 265   | 099      |
| <b>CURACAO AND BONAIRE</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78988 HATO AIRPORT, CURACAO          | 1212N    | 06858W    | 67        |           | 1011.1       | 1012.0         | 28.4        | 1.2    | 29.9           | 2.4    | 2             | 6     | -19    | 2        | 291   | 122      |
| <b>COLOMBIA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 80001 SAN ANDRES (ISLA)/SESQUICENT   | 1235N    | 08143W    | 6         |           | 1010.3       | 1010.4         | 27.9        | .6     | 31.4           | 3.0    | 5             | 67    | 26     | 4        | 263   |          |

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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. |
|                  | °                            | °         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr       |          |
| <b>S AMERICA</b> |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>COLOMBIA</b>  |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80009            | SANTA MARTA/SIMON BOLIVAR    | 1108N     | 07414W    | 14        | 1007.2       | 1007.7         | 29.0        |        | 30.1           |        | 4             | 51    |        |          |          | 238      |
| 80022            | CARTAGENA/RAFAEL NUNEZ       | 1027N     | 07531W    | 12        | 1009.5       | 1009.7         | 28.1        |        | 30.0           |        | 6             | 75    |        |          |          | 211      |
| 80028            | BARRANQUILLA/ERNESTOCORTISSO | 1054N     | 07446W    | 30        | 1008.3       | 1009.7         | 28.0        | .5     | 29.4           | 1.2    | 3             | 44    | 23     | 4        |          | 216      |
| 80084            | APARTADO/LOS CEDROS          | 0748N     | 07642W    | 30        |              |                | 27.5        |        | 29.6           |        | 16            | 372   |        |          |          | 114      |
| 80091            | BARRANCABERMEJA/YARIGUIES    | 0701N     | 07348W    | 134       |              |                | 27.9        | .0     | 29.4           | 2.3    | 17            | 406   | 144    | 5        |          | 143      |
| 80094            | BUCARAMANGA/PALONEGRO        | 0706N     | 07312W    | 1189      |              |                | 22.0        |        | 22.0           |        | 15            | 143   |        |          |          | 138      |
| 80097            | CUCUTA/CAMILO DAZA           | 0756N     | 07231W    | 317       | 974.1        | 1009.0         | 27.3        | .5     | 26.5           | 1.3    | 11            | 107   | 7      | 3        |          | 155      |
| 80099            | ARAUCA/SANTIAGO PEREZ        | 0704N     | 07044W    | 128       | 988.1        | 1002.4         | 28.5        |        | 27.4           |        |               |       |        |          |          |          |
| 80112            | RIONEGRO/J.M.CORDOVA         | 0611N     | 07526W    | 2142      | 790.1        |                | 17.3        |        | 16.3           |        | 15            | 0189  |        |          |          |          |
| 80139            | PUERTO CARRENO/A.GUAUQUEA    | 0610N     | 06730W    | 55        |              |                | 29.7        |        | 26.8           |        | 10            | 70    |        |          |          | 171      |
| 80144            | QUIBDO/EL CARANO             | 0543N     | 07637W    | 33        |              |                | 27.3        |        | 30.6           |        | 25            | 628   |        |          |          | 109      |
| 80210            | PEREIRA/MATECANA             | 0449N     | 07548W    | 1342      | 864.8        |                | 21.3        |        | 19.5           |        | 22            | 233   |        |          |          | 134      |
| 80214            | IBAGUE/PERALES               | 0426N     | 07509W    | 928       |              |                | 23.8        |        | 24.8           |        | 18            | 306   |        |          |          | 142      |
| 80222            | BOGOTA/ELDORADO              | 0442N     | 07408W    | 2548      | 752.3        |                | 14.0        | .4     | 13.1           | .4     | 11            | 154   | 69     | 5        |          | 98       |
| 80234            | VILLAVICENCIO/VANGUARDIA     | 0410N     | 07337W    | 431       | 961.5        | 1011.0         | 26.2        |        | 26.3           |        | 19            | 322   |        |          |          | 122      |
| 80241            | GAVIOTAS                     | 0433N     | 07055W    | 167       | 987.0        | 1006.4         | 26.7        | .4     | 28.3           | 1.1    | 15            | 0212  | 0022   | 6        |          | 111      |
| 80259            | CALI/ALFONSO BONILLAARAGON   | 0333N     | 07623W    | 969       | 903.3        |                | 24.0        | .4     | 21.8           | .5     | 10            | 84    | -37    | 2        |          | 138      |
| 80315            | NEIVA/BENITO SALAS           | 0258N     | 07518W    | 443       | 956.8        | 1005.2         | 27.2        | -2     | 25.0           | .0     | 9             | 224   | 77     | 4        |          | 146      |
| 80370            | IPIALES/SAN LUIS             | 0049N     | 07738W    | 2961      |              |                | 11.4        |        | 11.3           |        | 12            | 63    | -54    | 0        |          | 106      |
| 80398            | LETICIA/VASQUEZ COBO         | 0410S     | 06957W    | 84        | 999.0        | 1008.5         | 26.0        | .1     | 28.4           | -5     | 18            | 301   | 7      | 3        |          | 115      |
| <b>VENEZUELA</b> |                              |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 80403            | CORO                         | 1125N     | 06941W    | 17        | 1006.4       | 1008.3         | 28.7        | 1.1    | 28.5           |        | 3             | 17    | 0      | 4        |          | 260      |
| 80407            | MARACAIBO-LA CHINITA         | 1034N     | 07144W    | 65        |              |                | 28.7        | .9     | 32.2           | 4.7    | 0             | 0     | -28    | 1        |          | 171      |
| 80410            | BARQUISIMETO                 | 1004N     | 06919W    | 614       | 941.9        | 1009.5         | 24.0        | -4     | 23.3           |        | 5             | 14    | -46    | 1        |          | 163      |
| 80413            | MARACAY - B.A. SUCRE         | 1015N     | 06739W    | 437       | 960.2        | 1007.5         | 26.5        | .4     | 23.1           | 1.5    | 4             | 31    | 2      | 4        |          | 212      |
| 80415            | CARACAS/MAIQUETIA AEROP. INT | 1036N     | 06659W    | 48        | 1006.3       | 1011.8         | 25.2        | -6     | 28.8           |        | 5             | 48    | 29     | 5        |          | 204      |
| 80416            | CARACAS/LA CARLOTA           | 1030N     | 06653W    | 835       | 918.2        | 1506 Y         | 23.8        | .9     | 20.1           | -3     | 4             | 109   | 56     | 5        |          | 174      |
| 80419            | BARCELONA                    | 1007N     | 06441W    | 7         | 1008.4       | 1009.2         | 28.5        | 1.1    | 26.7           | .0     | 0             | 0     | -5     | 2        |          | 277      |
| 80420            | CUMANA                       | 1027N     | 06411W    | 4         | 1009.9       | 1010.5         | 27.4        |        | 32.9           |        | 0             | 0     |        |          |          | 263      |
| 80421            | ORLAMAR (AERO- PUERTO INT.)  | 1055N     | 06358W    | 19        | 1008.6       | 1013.0         | 27.8        |        | 26.7           |        | 0             | 0     |        |          |          | 277      |
| 80423            | GUIRIA                       | 1035N     | 06219W    | 14        | 1009.5       | 1011.2         | 27.7        | .3     | 26.1           |        | 0             | 0     | -23    | 1        |          | 286      |
| 80425            | MENE GRANDE                  | 0949N     | 07056W    | 28        | 1006.2       | 1009.3         | 28.4        |        | 29.5           |        | 5             | 92    | 3      |          |          | 194      |
| 80426            | VALERA                       | 0921N     | 07037W    | 582       | 943.8        | 1007.7         | 24.5        |        | 24.2           |        | 14            | 139   |        |          |          | 120      |
| 80427            | ACARIGUA                     | 0933N     | 06914W    | 225       | 983.0        | 1008.0         | 26.9        |        | 24.5           |        | 10            | 99    |        |          |          | 147      |
| 80428            | GUANARE                      | 0901N     | 06944W    | 163       | 989.5        | 1007.7         | 28.1        |        | 24.8           |        | 8             | 83    |        |          |          | 121      |
| 80432            | CARRIZAL                     | 0925N     | 06655W    | 161       | 986.8        | 1004.7         | 28.8        |        | 23.1           |        | 4             | 34    |        |          |          | 208      |
| 80434            | VALLE DE LA PASCUA           | 0913N     | 06601W    | 125       | 989.2        | 1005.9         | 28.4        |        | 25.3           |        | 1             | 6     |        |          |          | 196      |
| 80435            | MATURIN                      | 0945N     | 06311W    | 66        | 1003.5       | 1011.2         | 27.0        | .2     | 21.0           |        | 0             | 0     | -39    | 0        |          | 230      |
| 80438            | MERIDA                       | 0836N     | 07111W    | 1498      | 851.0        | 1507 Y         | 20.3        | 1.1    | 19.5           | 1.5    | 16            | 174   | 13     | 4        |          | 181      |
| 80440            | BARINAS                      | 0837N     | 07013W    | 204       | 987.8        | 1008.1         | 28.1        |        | 28.1           |        | 7             | 54    |        |          |          | 126      |
| 80442            | CALABOZO                     | 0856N     | 06725W    | 101       | 998.0        | 1009.4         | 29.3        |        | 24.5           |        | 7             | 52    |        |          |          | 209      |
| 80444            | CIUDAD BOLIVAR               | 0809N     | 06333W    | 48        | 1003.5       | 1008.2         | 29.7        | 1.1    | 25.6           | -1     | 0             | 0     | -36    | 2        |          | 246      |
| 80447            | SAN ANTONIO DEL TACHIRA      | 0751N     | 07227W    | 378       | 965.4        | 1009.5         | 26.8        | 1.0    | 33.1           | 9.1    | 9             | 58    | -6     | 3        |          | 106      |

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| STATION                             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
|                                     | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 80448 GUASDUALITO                   | 0714N    | 07048W    | 131       |           | 994.4        | 1009.1         | 27.4        |        | 28.3           |        | 10            | 195   |        |          | 117   | 75       |
| 80450 SAN FERNANDO DE APURE         | 0754N    | 06725W    | 48        |           | 1002.6       | 1008.1         | 29.3        |        | 28.3           | 2.7    | 3             | 27    | -44    | 2        | 176   | 83       |
| 80453 TUMEREMO                      | 0718N    | 06127W    | 181       |           | 992.0        | 1012.3         | 27.2        | 1.6    | 25.1           |        | 3             | 48    | -22    | 2        | 199   | 105      |
| 80457 PUERTO AYACUCHO               | 0536N    | 06730W    | 74        |           | 1003.0       | 1011.5         | 27.9        | .5     | 36.0           | 9.0    | 11            | 104   | -34    | 3        | 171   | 95       |
| 80462 SANTA ELENA DE UAIREN         | 0436N    | 06107W    | 907       |           | 912.2        | 1490 Y         | 22.7        | .5     | 21.1           | .3     | 8             | 106   | -68    | 2        | 194   | 106      |
| 80472 VALENCIA                      | 1010N    | 06756W    | 431       |           | 960.8        | 1008.2         | 25.5        |        | 23.6           |        | 5             | 42    |        |          | 192   |          |
| 80475 STO. DOMINGO (B.A.)           | 0735N    | 07204W    | 327       |           | 969.6        | 1006.1         | 23.5        |        | 22.0           |        | 10            | 183   |        |          | 112   | 115      |
| 80478 TEMBLADOR                     | 0901N    | 06237W    | 30        |           | 1002.7       | 1006.3         | 26.4        |        | 21.6           |        | 0             | 0     |        |          | 213   | 100      |
| 80479 PALMICHAL, ESTADO CARABOBO    | 1018N    | 06814W    | 1000      |           | 900.0        |                | 20.8        |        | 22.9           |        | 11            | 62    |        |          | 98    |          |
| <b>GUYANA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 81001 GEORGETOWN                    | 0648N    | 05809W    | 2         |           | 1010.8       | 1011.2         | 27.6        | .5     | 28.5           | .4     | 4             | 13    | -171   | 0        | 259   | 132      |
| 81002 TIMEHRI                       | 0630N    | 05815W    | 30        |           | 1007.7       | 1011.2         | 27.1        | 1.6    | 27.6           | .4     | 4             | 118   | -71    | 2        | 229   |          |
| <b>SURINAME</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 81225 ZANDERIJ                      | 0527N    | 05512W    | 15        |           | 1008.5       | 1010.9         | 26.7        | 1.1    | 27.6           | 6.4    | 9             | 88    | -116   | 1        | 186   |          |
| <b>BRAZIL</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 82098 MACAPA                        | 0002N    | 05103W    | 15        |           | 1008.1       | 1009.9         | 26.2        |        | 31.3           |        | 26            | 602   |        |          |       |          |
| 82106 S.GABRIEL DO CACHOE-IRA (UAV) | 0008S    | 06705W    | 90        |           | 999.4        | 1002.7         | 26.9        | 1.4    | 31.2           | 3.8    | 15            | 208   | -82    | 2        |       |          |
| 82191 BELEM                         | 0127S    | 04828W    | 24        |           | 1009.2       | 1009.7         | 26.2        | .4     | 31.0           | 1.7    | 28            | 414   | 95     | 4        |       |          |
| 82212 FONTE BOA                     | 0232S    | 06610W    | 55        |           | 1003.6       | 1009.8         | 26.3        |        | 32.3           |        | 5             | 294   |        | 3        |       |          |
| 82246 BELTERRA                      | 0238S    | 05457W    | 176       |           | 992.2        | 1011.8         | 25.4        |        | 29.3           |        | 20            | 454   |        |          |       |          |
| 82280 SAO LUIZ                      | 0232S    | 04417W    | 51        |           | 1004.3       | 1010.0         | 25.8        | .0     | 30.1           | .1     | 25            | 607   | 208    | 6        |       |          |
| 82287 PARNAIBA                      | 0255S    | 04136W    | 22        |           | 1004.9       | 1007.6         | 26.0        |        | 30.3           |        | 21            | 292   |        |          |       |          |
| 82331 MANAUS                        | 0308S    | 06001W    | 72        |           | 1002.2       | 1010.4         | 26.3        | .2     | 29.6           | 1.0    | 17            | 481   | 162    | 5        |       |          |
| 82397 FORTALEZA                     | 0344S    | 03833W    | 19        |           | 1007.0       | 1010.1         | 26.0        | -.4    | 30.9           | 2.1    | 28            | 668   | 335    | 6        |       |          |
| 82445 ITAITUBA                      | 0416S    | 05558W    | 45        |           | 1007.0       | 1012.2         | 26.5        |        |                |        | 24            | 313   |        |          |       |          |
| 82562 MARABA                        | 0521S    | 04909W    | 102       |           | 999.8        | 1010.9         | 27.0        |        | 32.1           |        | 20            | 278   |        |          |       |          |
| 82571 BARRA DO CORDA                | 0530S    | 04516W    | 153       |           | 991.4        | 1011.2         | 25.1        | -.3    | 29.1           | -.7    | 15            | 203   | 22     | 4        |       |          |
| 82578 TEREZINA                      | 0505S    | 04249W    | 74        |           | 1000.5       | 1010.7         | 25.9        |        | 30.0           |        | 22            | 573   |        | 5        |       |          |
| 82586 QUIXERAMOBIM                  | 0512S    | 03918W    | 211       |           | 985.6        | 1009.0         | 26.1        | -.5    | 26.6           | .8     | 18            | 236   | 72     | 5        |       |          |
| 82598 NATAL                         | 0546S    | 03512W    | 45        |           | 1005.4       | 1010.2         | 27.5        |        | 30.8           |        | 18            | 237   |        | 3        |       |          |
| 82640 JACAREACANGA                  | 0616S    | 05744W    | 98        |           | 998.6        | 1009.7         | 26.2        | -.1    | 30.5           | 2.3    | 22            | 475   | 240    | 5        |       |          |
| 82668 SAO FELIX DO XINGU            | 0638S    | 05158W    | 150       |           | 990.0        | 1011.4         | 26.4        |        | 29.2           |        | 19            | 389   |        |          |       |          |
| 82704 CRUZEIRO DO SUL               | 0738S    | 07240W    | 170       |           | 986.2        | 1005.6         | 26.6        | 1.8    | 26.8           | -1.4   | 12            | 186   | -23    | 2        |       |          |
| 82765 CAROLINA                      | 0720S    | 04728W    | 192       |           | 988.2        | 1012.1         | 26.2        |        | 28.4           |        | 21            | 237   | 59     | 4        |       |          |
| 82825 PORTO VELHO                   | 0846S    | 06305W    | 95        |           | 1002.3       | 1007.6         | 25.4        | -.4    | 28.4           | -1.3   | 15            | 257   | 27     | 4        |       |          |
| 82861 CONCEICAO DO ARAGUAIA         | 0815S    | 04912W    | 160       |           | 990.3        | 1008.1         | 26.1        | .1     | 30.3           | 1.4    | 20            | 275   | 76     | 5        |       |          |
| 82915 RIO BRANCO                    | 0958S    | 06748W    | 136       |           | 992.7        | 1008.7         | 25.8        |        | 27.7           |        | 16            | 216   |        |          |       |          |
| 83208 VILHENA                       | 1244S    | 06008W    | 652       |           | 942.6        | 1010.4         | 23.6        |        | 26.3           |        | 12            | 230   |        |          |       |          |
| 83235 TAGUATINGA                    | 1216S    | 04626W    | 660       |           | 943.7        | 1010.2         | 25.2        | -.7    | 26.0           | -.2    | 19            | 206   | -68    | 2        |       |          |
| 83264 VERA (GLEBA CELESTE)          | 1212S    | 05630W    | 415       |           | 968.4        | 1009.7         | 25.1        |        | 28.8           |        | 19            | 152   |        |          |       |          |
| 83332 POSSE                         | 1406S    | 04622W    | 950       |           | 920.0        | 1009.9         | 23.9        |        | 23.2           |        | 8             | 0167  |        |          |       |          |
| 83361 CUIABA                        | 1533S    | 05607W    | 179       |           | 993.7        | 1014.3         | 25.7        | -.1    | 27.5           | 1.8    | 9             | 49    | -76    | 1        |       |          |
| 83377 BRASILIA                      | 1547S    | 04756W    | 1158      |           | 886.4        | 1011 Y         | 21.1        | .4     | 20.0           | 1.1    | 11            | 0140  | 19     | 4        |       |          |
| 83437 MONTES CLAROS                 | 1643S    | 04352W    | 646       |           | 940.4        | 1011.9         | 23.1        | .5     | 22.7           |        | 6             | 39    | -21    | 2        |       |          |
| 83492 TEOFILO OTONI                 | 1751S    | 04130W    | 356       |           | 975.5        | 1013.8         | 23.8        |        | 21.1           |        | 17            | 157   |        | 5        |       |          |
| 83512 COXIM                         | 1830S    | 05446W    | 286       |           | 973.0        | 1003.5         | 25.8        |        | 29.1           |        | 11            | 57    |        |          |       |          |

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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. |
| 83552 CORUMBA                      | 1900S    | 05739W    | 130       | 30        | 994.8        | 1012.5         | 24.0        | -0.8   | 24.4           | -1.9   | 7             | 82    | -5     | 3        |       |          |
| 83587 BELO HORIZONTE               | 1950S    | 04356W    | 850       |           | 912.6        | 1013.0         | 22.0        | .4     | 19.3           | -1.1   | 7             | 55    | -10    | 3        |       |          |
| 83592 CARATINGA                    | 1948S    | 04209W    | 609       |           | 945.6        | 1013.6         | 21.8        |        | 21.9           |        | 8             | 154   |        | 6        |       |          |
| 83611 CAMPO GRANDE                 | 2028S    | 05440W    | 560       |           | 950.8        | 1009.8         | 22.1        | -0.9   | 19.8           | -2.3   | 8             | 187   | 69     | 5        |       |          |
| 83648 VITORIA                      | 2019S    | 04020W    | 36        |           | 1010.2       | 1014.3         | 25.3        |        | 26.0           |        | 10            | 117   |        | 3        |       |          |
| 83781 SAO PAULO                    | 2330S    | 04637W    | 792       |           | 921.0        | 1020.3         | 20.5        | 1.0    | 18.7           | .1     | 06            | 0065  | 0003   | 3        |       |          |
| 83842 CURITIBA                     | 2526S    | 04916W    | 923       |           | 911.8        | 1014.1         | 19.4        | 2.8    | 19.0           | 3.1    | 11            | 112   | 24     | 4        |       |          |
| 83881 IRAI                         | 2711S    | 05314W    | 247       |           | 982.4        | 1012.5         | 22.8        |        | 22.4           |        | 8             | 160   |        | 3        |       |          |
| 83897 FLORIANOPOLIS                | 2735S    | 04834W    | 2         |           | 1012.9       | 1013.1         | 23.9        | 2.7    | 24.1           |        | 12            | 239   | 138    | 5        |       |          |
| 83967 PORTO ALEGRE                 | 3001S    | 05113W    | 47        |           | 1010.8       | 1012.2         | 21.2        | 1.4    | 23.1           | 4.6    | 20            | 201   | 134    | 6        |       |          |
| 83980 BAGE                         | 3120S    | 05406W    | 217       | 915.4     | 1013.2       | 20.6           |             | 16.5   |                | 9      | 109           |       | 4      |          |       |          |
| <b>PERU</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 84370 TUMBES                       | 0333S    | 08024W    | 27        |           | 1007.2       | 1010.1         | 27.4        |        | 26.6           |        | 1             | 2     |        | 1        |       |          |
| 84377 IQUITOS                      | 0345S    | 07315W    | 126       |           | 998.4        | 1012.4         | 25.7        | -0.4   | 28.0           | 1.1    | 11            | 316   | 26     | 4        |       |          |
| 84390 TALARA                       | 0434S    | 08115W    | 86        |           | 1000.2       | 1010.2         | 24.4        | .3     | 20.8           | 1.1    | 0             | 0     | 0      | 5        |       |          |
| 84401 PIURA                        | 0511S    | 08036W    | 50        |           | 1005.9       | 1012.3         | 27.0        | .0     | 23.4           | 2.3    | 0             | 0     | -5     | 2        |       |          |
| 84425 YURIMAGUAS                   | 0554S    | 07605W    | 184       |           | 992.9        | 1011.4         | 28.0        | 1.2    | 29.8           | 1.8    | 7             | 92    | -136   | 0        |       |          |
| 84444 CHACHAPOYAS                  | 0613S    | 07750W    | 2540      |           | 753.5        | 1015.9         | 15.9        | .4     | 12.1           | -0.5   | 13            | 68    | -1     | 3        |       |          |
| 84452 CHICLAYO                     | 0647S    | 07950W    | 30        |           | 1007.5       | 1010.5         | 21.8        | -0.9   | 20.8           | 1.1    | 0             | 0     | -2     | 3        |       |          |
| 84455 TARAPOTO                     | 0627S    | 07623W    | 282       |           | 980.0        | 1011.5         | 27.8        | 2.1    | 28.0           | 1.1    | 7             | 61    | -53    | 2        |       |          |
| 84472 CAJAMARCA                    | 0708S    | 07828W    | 2622      |           | 740.3        | 1015.6         | 15.6        | .5     | 10.1           | -1.5   | 6             | 53    | -30    | 2        |       |          |
| 84474 JUANJUI                      | 0713S    | 07643W    | 363       |           | 978.0        | 1017.0         | 28.2        | 1.8    | 28.3           | .3     | 4             | 48    | -150   | 0        |       |          |
| 84501 TRUJILLO                     | 0806S    | 07902W    | 30        |           | 1008.6       | 1011.6         | 20.4        | -0.1   | 22.0           | 2.0    | 0             | 0     | -1     | 0        |       |          |
| 84515 PUCALLPA                     | 0825S    | 07436W    | 149       |           | 991.7        | 1008.6         | 26.4        | .0     | 28.2           | .4     | 11            | 206   | 27     | 4        |       |          |
| 84531 CHIMBOTE                     | 0910S    | 07831W    | 21        |           | 1010.8       | 1012.0         | 20.6        | -1.4   | 20.6           | .0     | 1             | 1     | 0      | 5        |       |          |
| 84534 TINGO MARIA                  | 0908S    | 07557W    | 669       |           | 935.9        | 1006.9         | 26.0        | 1.3    | 24.9           | -0.2   | 11            | 231   | -69    | 2        |       |          |
| 84542 ANTA (HUARAZ)                | 0921S    | 07736W    | 2760      |           | 735.8        | 1017.9         | 17.9        | 1.2    | 12.0           | -2.3   | 10            | 77    | -8     | 4        |       |          |
| 84564 HUANUCO                      | 0954S    | 07545W    | 1860      |           | 815.3        | 1012.9         | 21.9        | .9     | 17.4           | 3.6    | 6             | 42    | 10     | 4        |       |          |
| 84628 LIMA-CALLAO/AEROP. INTERNACI | 1200S    | 07707W    | 13        |           | 1009.6       | 1011.2         | 20.0        | -0.3   | 19.6           | -0.6   | 0             | T     | T      | 5        | 143   |          |
| 84658 PUERTO MALDONADO             | 1238S    | 06912W    | 266       |           | 987.2        | 1015.8         | 24.7        | -1.1   | 26.4           | -0.1   | 4             | 60    | -89    | 2        |       |          |
| 84673 AYACUCHO                     | 1308S    | 07413W    | 2749      |           | 732.8        | 1018.1         | 18.1        | .9     | 9.5            | -0.7   | 4             | 6     | -20    | 1        |       |          |
| 84686 CUZCO                        | 1333S    | 07159W    | 3249      |           | 687.1        | 1013.6         | 13.6        | 1.6    | 9.2            | .8     | 4             | 9     | -34    | 0        |       |          |
| 84691 PISCO                        | 1345S    | 07617W    | 9         |           | 1009.1       | 1009.8         | 20.4        | -0.3   | 19.4           | 1.4    | 0             | 0     | -T     | 0        |       |          |
| 84721 SAN JUAN                     | 1523S    | 07510W    | 60        |           | 1004.2       | 1011.2         | 20.9        | .5     | 18.5           | 1.1    | 0             | 0     | 0      | 5        |       |          |
| 84735 JULIACA                      | 1529S    | 07009W    | 3827      |           | 643.1        | 629.1          | 11.8        | 1.6    |                |        | 6             | 19    | -63    | 1        |       |          |
| <b>CHILE</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 85406 ARICA                        | 1820S    | 07020W    | 58        |           | 1007.2       | 1014.0         | 19.8        | .6     | 16.7           | -0.1   | 0             | 0     | 0      | 5        | 225   | 105      |
| 85442 ANTOFAGASTA                  | 2326S    | 07026W    | 135       |           | 999.7        | 1015.6         | 17.1        | .6     | 15.3           | .9     | 0             | 0     | 0      | 5        | 239   | 95       |
| 85469 ISLA DE PASCUA               | 2709S    | 10925W    | 51        |           | 1011.7       | 1017.2         | 22.6        | .7     | 24.0           | 3.4    | 15            | 161   | 41     | 5        | 189   | 100      |
| 85470 COPIAPO                      | 2718S    | 07025W    | 291       |           | 978.5        | 1012.5         | 15.2        | .6     | 12.9           |        | 0             | 0     | 0      | 4        | 206   | 95       |
| 85488 LA SERENA                    | 2954S    | 07112W    | 142       |           | 997.9        | 1014.9         | 13.6        | -0.2   | 13.4           | -0.1   | 0             | T     | -2     | 4        | 147   | 95       |
| 85543 QUINTERO SANTIAGO            | 3247S    | 07131W    | 8         |           | 1014.3       | 1015.3         | 12.8        |        | 12.7           |        | 3             | 32    |        | 5        | 170   |          |
| 85574 PUDAHUEL                     | 3323S    | 07047W    | 475       |           | 959.3        | 1014.4         | 14.5        | .5     | 11.3           | -0.5   | 2             | 16    | 3      | 4        | 213   | 105      |
| 85577 SANTIAGO Q. NORMAL           | 3326S    | 07041W    | 520       | 30        | 954.9        | 1014.9         | 15.0        | 1.0    | 12.5           | .7     | 2             | 19    | 6      | 4        | 190   | 95       |
| 85585 ISLA JUAN FERNANDEZ          | 3340S    | 07859W    | 30        |           | 1012.0       | 1015.6         | 17.3        | .8     | 15.7           | 1.5    | 12            | 121   | 46     | 5        | 120   |          |
| 85629 CURICO                       | 3458S    | 07114W    | 228       |           | 988.1        | 1014.7         | 13.8        | 2.2    | 12.3           |        | 6             | 92    | 80     | 6        | 156   | 95       |
| 85672 CHILLAN                      | 3634S    | 07202W    | 124       |           |              |                |             |        |                |        | 10            | 0114  | 0057   | 5        | 161   | 082      |

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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. |
|                                 | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 85682 CONCEPCION                | 3646S    | 07303W    | 12        |           | 1014.2       | 1015.7         | 13.5        |        | 13.1           |        | 09            | 0138  |        | 3        | 150   | 076      |
| 85743 TEMUCO                    | 3845S    | 07238W    | 114       |           | 1004.8       | 1018.5         | 12.0        |        | 12.3           |        | 15            | 0173  | 0121   | 6        | 121   | 086      |
| 85766 VALDIVIA                  | 3937S    | 07305W    | 19        |           | 1013.7       | 1016.0         | 11.8        | 2.9    | 12.6           | 1.8    | 14            | 0197  | 0042   | 4        | 105   | 079      |
| 85782 OSORNO                    | 4036S    | 07303W    | 65        |           | 1008.1       | 1015.9         | 10.9        | .6     | 11.6           |        | 14            | 0115  | 0003   | 4        |       |          |
| 85799 PUERTO MONTT              | 4125S    | 07305W    | 85        |           | 1004.4       | 1014.4         | 10.9        | .7     | 11.7           | .7     | 17            | 0136  | 0013   | 3        | 105   | 101      |
| 85862 PUERTO AYSEN              | 4524S    | 07240W    | 11        |           |              |                |             |        |                |        | 18            | 0203  | -073   | 2        |       |          |
| 85864 COYHAIQUE                 | 4535S    | 07207W    | 310       |           | 973.3        | 1010.4         | 8.5         |        | 9.4            |        | 12            | 0092  |        | 4        | 143   |          |
| 85874 BALMACEDA                 | 4555S    | 07141W    | 520       |           | 947.7        | 1009.2         | 6.7         |        | 8.0            |        | 10            | 0060  |        | 4        | 170   |          |
| 85934 PUNTA ARENAS              | 5300S    | 07051W    | 37        |           | 997.1        | 1002.6         | 7.7         | 1.6    | 8.3            | 1.0    | 12            | 61    | 18     | 4        | 166   | 105      |
| <b>URUGUAY</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 86330 ARTIGAS                   | 3023S    | 05630W    | 123       |           | 999.4        | 1013.7         | 18.3        |        | 15.3           |        | 4             | 63    |        | 3        | 233   | 130      |
| 86360 SALTO                     | 3123S    | 05757W    | 34        |           | 1009.7       | 1013.6         | 18.5        | 1.0    | 15.7           | 4.4    | 5             | 131   | 1      | 4        | 231   | 125      |
| 86440 MELO                      | 3222S    | 05411W    | 100       |           | 1000.7       | 1012.7         | 17.5        | 1.0    | 15.7           |        | 6             | 66    | -32    | 3        | 231   | 120      |
| 86460 PASO DE LOS TOROS         | 3248S    | 05631W    | 75        |           | 1004.0       | 1013.1         | 17.3        | -.3    | 14.9           |        | 6             | 200   | 103    | 5        | 214   | 115      |
| 86490 MERCEDES                  | 3315S    | 05804W    | 22        |           | 1011.0       | 1013.2         | 16.7        | -.7    | 15.0           |        | 5             | 0084  | 0009   | 6        | 206   | 110      |
| 86500 TREINTA Y TRES            | 3313S    | 05423W    | 46        |           | 1007.2       | 1012.8         | 17.4        | .4     | 15.3           |        | 6             | 53    | -34    | 3        | 206   | 110      |
| 86560 COLONIA                   | 3427S    | 05750W    | 23        |           | 1010.0       | 1012.8         | 17.7        | .0     | 15.3           |        | 9             | 172   | 77     | 5        | 204   | 110      |
| 86565 ROCHA                     | 3429S    | 05418W    | 18        |           | 1010.1       | 1012.4         | 17.4        | .9     | 16.3           |        | 8             | 57    | -35    | 2        | 196   | 105      |
| 86580 CARRASCO                  | 3450S    | 05600W    | 32        |           | 1009.2       | 1012.8         | 17.8        | .7     | 14.9           |        | 8             | 126   | 45     | 4        | 187   | 100      |
| <b>ARGENTINA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 87007 LA QUIACA                 | 2206S    | 06536W    | 3459      |           |              | 3212 Z         | 10.8        | .8     | 4.5            | -1.7   | 0             | 0     | -7     | 2        | 306   | 108      |
| 87016 ORAN AERO                 | 2309S    | 06419W    | 357       |           | 969.7        | 1010.5         | 18.9        |        | 19.6           |        | 1             | 4     |        | 0        | 198   |          |
| 87046 JUJUY AERO                | 2423S    | 06505W    | 904       |           | 911.2        | 1496 Y         | 18.0        | 1.6    | 15.6           | -1.1   | 2             | 4     | -37    | 0        | 236   | 160      |
| 87047 SALTA AERO                | 2451S    | 06529W    | 1221      |           | 878.5        | 1498 Y         | 15.6        | -.2    | 14.0           | -1.0   | 2             | 7     | -22    | 1        | 239   | 173      |
| 87078 LAS LOMITAS               | 2442S    | 06035W    | 130       |           | 989.1        | 1013.0         | 21.5        | -.2    | 18.9           | .0     | 4             | 85    | -16    | 3        | 246   | 85       |
| 87097 IGUAZU AERO               | 2544S    | 05428W    | 270       |           | 983.3        | 1014.5         | 19.2        |        | 19.3           |        | 8             | 115   |        | 3        | 161   |          |
| 87121 TUCUMAN AERO              | 2651S    | 06506W    | 450       |           | 960.6        | 1011.7         | 19.8        |        | 16.6           |        | 4             | 30    |        |          | 254   |          |
| 87129 SANTIAGO DEL ESTERO AERO. | 2746S    | 06418W    | 199       |           | 987.0        | 1010.0         |             |        | 14.6           | -2.4   | 3             | 11    | -26    | 2        | 250   | 145      |
| 87162 FORMOSA AERO              | 2612S    | 05814W    | 60        |           | 1004.9       | 1011.9         | 20.9        | -.7    | 19.8           | .0     | 7             | 185   | 82     | 5        | 232   |          |
| 87166 CORRIENTES AERO.          | 2727S    | 05846W    | 62        |           | 1005.7       | 1012.9         | 20.6        | .0     | 19.7           | 1.1    | 4             | 66    | -79    | 2        | 256   | 125      |
| 87217 LA RIOJA AERO.            | 2923S    | 06649W    | 429       |           | 903.6        | 1008.9         | 20.0        | .3     | 10.3           | -5.4   | 0             | 6     | -16    | 1        | 257   | 121      |
| 87222 CATAMARCA AERO.           | 2836S    | 06546W    | 454       |           | 956.2        | 1008.4         | 22.5        | 2.5    | 12.7           | -2.5   | 1             | 2     | -17    | 1        | 244   | 45       |
| 87257 CERES AERO                | 2953S    | 06157W    | 88        |           | 1003.2       | 1013.5         | 17.9        | -.8    | 17.2           | -.2    | 2             | 38    | -34    | 2        | 256   | 124      |
| 87270 RECONQUISTA AERO          | 2911S    | 05940W    | 53        |           | 1007.1       | 1013.3         | 19.3        | -.5    | 17.3           | -1.7   | 3             | 53    | -83    | 1        | 247   | 119      |
| 87289 PASO DE LOS LIBRES AERO   | 2941S    | 05709W    | 70        |           | 1005.8       | 1013.9         | 19.0        | -.4    | 16.4           | -.5    | 5             | 74    | -76    | 2        | 233   | 130      |
| 87305 JACHAL                    | 3015S    | 06845W    | 1165      |           |              |                | 16.9        | 1.9    | 10.1           | -.6    | 1             | 3     | -9     | 2        | 218   |          |
| 87311 SAN JUAN AERO             | 3134S    | 06825W    | 598       |           | 943.7        | 1011.8         | 16.4        | -.5    | 8.8            | -2.8   | 0             | 0     | -4     | 0        | 261   | 101      |
| 87320 CHAMICAL AERO             | 3022S    | 06617W    | 461       |           | 958.1        | 1010.5         | 20.2        |        | 12.9           |        | 0             | 1     |        | 0        | 264   |          |
| 87322 CHEPES                    | 3120S    | 06636W    | 658       |           | 902.2        | 1010.3         | 19.4        | 1.7    | 12.7           | -1.1   | 1             | 1     | -11    | 1        |       |          |
| 87328 VILLA DOLORES AERO        | 3157S    | 06508W    | 569       |           | 946.5        | 1011.0         | 19.5        |        | 14.0           |        | 2             | 44    |        | 1        | 176   | 80       |
| 87349 PILAR OBSERVATORIO        | 3140S    | 06353W    | 338       |           | 974.1        | 1013.1         |             |        | 13.4           | -1.0   | 2             | 16    | -32    | 1        | 269   | 125      |
| 87374 PARANA AERO               | 3147S    | 06029W    | 78        |           | 1005.3       | 1014.5         | 17.8        | .4     | 19.5           | 3.8    | 6             | 147   | 54     | 4        | 261   | 124      |
| 87393 MONTE CASEROS AERO        | 3015S    | 05739W    | 54        |           | 1008.2       | 1014.5         | 19.0        |        | 17.1           |        | 5             | 82    |        | 3        | 249   | 120      |
| 87395 CONCORDIA AERO            | 3118S    | 05801W    | 38        |           | 1009.4       | 1014.0         | 18.3        | -.4    | 15.7           | -.5    | 6             | 126   | -23    | 4        | 204   |          |
| 87418 MENDOZA AERO              | 3250S    | 06847W    | 704       |           | 932.8        | 936.7          | 16.3        | .8     | 10.5           | -1.7   | 1             | 1     | -10    | 2        | 252   | 115      |
| 87436 SAN LUIS AERO             | 3316S    | 06621W    | 713       |           | 929.8        | 1010.0         | 17.1        | .7     | 10.4           | -1.6   | 1             | 6     | -34    | 1        | 263   |          |
| 87448 VILLA REYNOLDS AERO       | 3344S    | 06523W    | 486       |           | 957.1        | 1013.4         | 11.5        | -3.9   | 11.6           | -.8    | 4             | 15    | -28    | 2        | 241   | 120      |

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| STATION                             | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |          |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
|                                     |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
|                                     | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 87453 RIO CUARTO AERO               | 3307S    | 06414W    | 421       |           | 963.6        | 1012.0         | 16.4        | .4     |                |        | 1             | 6     | -45    | 1        | 244   |          |
| 87467 MARCOS JUAREZ AERO            | 3242S    | 06209W    | 114       |           | 1000.1       | 1013.5         | 16.4        |        | 15.2           |        | 6             | 54    |        | 3        | 221   | 90       |
| 87480 ROSARIO AERO                  | 3255S    | 06047W    | 25        |           | 1010.4       | 1013.3         | 16.8        | .3     | 15.4           | -.1    | 6             | 64    | -21    | 3        | 235   | 110      |
| 87497 GUALEGUAYCHU AERO             | 3300S    | 05837W    | 21        |           | 1010.2       | 1012.7         | 17.3        | .0     | 15.3           | .6     | 6             | 127   | 43     | 5        | 203   | 105      |
| 87506 MALARGUE AERO                 | 3530S    | 06935W    | 1425      |           | 856.3        | 1485 Y         | 12.0        |        | 6.9            |        | 3             | 22    |        | 4        | 218   |          |
| 87509 SAN RAFAEL AERO               | 3435S    | 06824W    | 748       |           | 927.0        | 1011.9         | 14.7        | -.5    | 8.5            | -2.1   | 1             | 3     | -14    | 2        | 211   | 100      |
| 87532 GENERAL PICO AERO             | 3542S    | 06345W    | 145       |           | 1012.6       | 1012.7         |             |        | 5.7            |        | 3             | 118   |        | 4        | 171   | 10       |
| 87534 LABOULAYE                     | 3408S    | 06322W    | 137       |           | 997.0        | 1013.2         | 12.4        | -3.9   | 13.5           | .0     | 2             | 51    | -15    | 3        | 231   | 108      |
| 87544 PEHUAJO AERO                  | 3552S    | 06154W    | 86        |           | 1002.7       | 1012.2         | 15.0        | .2     | 14.2           | .6     | 7             | 274   | 187    | 6        | 208   |          |
| 87548 JUNIN AERO                    | 3433S    | 06057W    | 81        |           | 1003.4       | 1013.0         | 15.6        | .2     | 13.9           | -.1    | 8             | 296   | 213    | 6        | 213   | 105      |
| 87563 LAS FLORES AERO               | 3604S    | 05906W    | 38        |           | 1008.9       | 1013.5         | 15.5        |        | 14.2           |        | 10            | 374   |        | 5        | 196   |          |
| 87576 EZEIZA AERO                   | 3449S    | 05832W    | 20        |           | 1011.8       | 1014.2         | 16.3        | .5     | 19.7           | 5.5    | 9             | 211   | 125    | 5        |       |          |
| 87582 AEROPARQUE                    | 3434S    | 05825W    | 6         |           | 1013.5       | 1014.2         | 17.9        |        | 15.6           |        | 9             | 242   |        | 5        | 208   | 110      |
| 87585 BUENOS AIRES (OBS. CENTRAL)   | 3435S    | 05829W    | 25        |           | 1010.5       | 1013.5         | 17.7        | .6     | 15.5           | -.1    | 8             | 171   | 79     | 5        | 186   | 92       |
| 87596 PUNTA INDIO B.A.              | 3522S    | 05717W    | 22        |           | 1010.4       | 1013.0         | 16.0        |        | 15.9           |        | 10            | 145   |        | 5        | 187   | 90       |
| 87623 SANTA ROSA AERO               | 3634S    | 06416W    | 191       |           | 991.6        | 1014.0         | 14.9        | .1     | 12.0           | -.9    | 6             | 48    | -4     | 3        | 193   | 98       |
| 87640 BOLIVAR AERO                  | 3615S    | 06106W    | 93        |           | 1002.8       | 1014.0         | 14.4        |        | 13.2           |        | 8             | 216   |        |          | 196   |          |
| 87645 TANDIL AERO                   | 3714S    | 05915W    | 175       |           | 992.4        | 1013.3         | 13.6        |        | 12.3           |        | 5             | 112   |        | 4        | 162   | 85       |
| 87648 DOLORES AERO                  | 3621S    | 05744W    | 9         |           | 1011.9       | 1013.0         | 15.4        | .6     | 14.7           | .8     | 9             | 186   | 113    | 5        | 146   |          |
| 87679 FIGUE AERO                    | 3736S    | 06223W    | 304       |           | 977.1        | 1013.0         | 14.2        |        | 11.9           |        | 10            | 154   |        | 5        | 174   | 85       |
| 87688 TRES ARROYOS                  | 3820S    | 06015W    | 115       |           | 993.0        | 1013.0         | 14.0        | .2     | 12.4           | .7     | 7             | 123   | 36     | 4        | 142   | 190      |
| 87692 MAR DEL PLATA AERO            | 3756S    | 05735W    | 21        |           | 1011.0       | 1013.5         | 14.7        | .4     | 13.8           | .0     | 8             | 138   | 69     | 5        |       |          |
| 87750 BAHIA BLANCA AERO             | 3844S    | 06210W    | 83        |           | 1003.6       | 1013.5         | 15.1        | .8     | 12.5           | 1.3    | 6             | 43    | -17    | 3        | 181   | 95       |
| 87765 BARILOCHE AERO                | 4109S    | 07110W    | 840       |           | 917.6        | 1463 Y         | 8.4         | .5     | 7.6            | -.2    | 10            | 96    | 40     | 4        | 191   | 103      |
| 87784 SAN ANTONIO OESTE AERO        | 4044S    | 06457W    | 7         |           | 1009.5       | 1011.9         | 14.7        | -.3    | 9.4            | .1     | 5             | 49    | 28     | 5        | 184   | 91       |
| 87791 VIEDMA AERO                   | 4051S    | 06301W    | 7         |           | 1010.6       | 1011.4         | 13.9        | -.9    | 11.0           | .9     | 5             | 100   | 72     | 6        | 214   | 105      |
| 87814 PASO DE INDIOS                | 4349S    | 06853W    | 461       |           | 954.2        | 1007.8         | 12.8        | 1.4    | 7.2            | .3     | 3             | 6     | -12    | 3        | 184   | 115      |
| 87828 TRELEW AERO                   | 4312S    | 06516W    | 43        |           | 1005.9       | 1010.9         | 13.8        | .4     | 9.2            | 1.4    | 3             | 14    | 2      | 4        | 217   | 110      |
| 87896 PUERTO DESEADO AERO           | 4744S    | 06555W    | 80        |           | 958.7        |                | 11.3        | .7     | 8.5            | .3     | 5             | 35    | 13     | 4        | 162   |          |
| 87903 LAGO ARGENTINO AERO           | 5020S    | 07218W    | 220       |           | 1004.1       | 1005.5         | 8.4         | .7     | 5.7            | -.6    | 3             | 82    | 50     | 6        | 156   |          |
| 87909 SAN JULIAN AERO               | 4919S    | 06747W    | 62        |           | 998.6        | 1006.1         | 10.8        | 1.6    | 8.5            |        | 2             | 15    | -4     | 3        | 163   |          |
| 87925 RIO GALLEGOS AERO             | 5137S    | 06917W    | 19        |           | 994.4        | 1000.6         | 8.8         | 1.7    | 7.4            | .5     | 1             | 2     | -16    | 1        | 177   | 131      |
| 87934 RIO GRANDE B.A.               | 5348S    | 06745W    | 13        |           | 997.8        | 1000.4         | 6.3         |        | 7.8            |        | 2             | 2     |        | 1        | 127   | 15       |
| 87938 USHUAIA B.A.                  | 5448S    | 06819W    | 14        |           | 997.1        | 998.5          | 7.5         | 1.8    | 7.6            | -.2    | 7             | 32    | -17    | 2        | 93    |          |
| <b>ANTARCTICA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>ARGENTINA (ANTARCTIC)</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89055 CENTRO MET. ANTARTICO VICECOM | 6414S    | 05643W    | 198       |           | 968.8        | 987.0          | -13.5       | -.4    | 2.2            |        | 9             | 28    |        |          | 41    |          |
| <b>UNITED KINGDOM (ANTARCTIC)</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89022 HALLEY                        | 7530S    | 02639W    | 30        |           | 984.7        | 989.6          | -25.5       | -5.3   | .8             | -1.6   |               |       |        |          | 52    |          |
| <b>USSR (ANTARCTIC)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89050 BELLINGSHAUSEN                | 6212S    | 05856W    | 16        |           | 990.6        | 992.4          | -1.5        | .5     | 5.3            |        | 19            | 59    |        |          | 15    |          |
| 89512 NOVOLAZAREVSKAJA              | 7046S    | 01150E    | 0         |           | 969.4        | 984.9          | -10.4       | 1.6    | 1.6            |        | 5             | 12    | 10     | 6        |       |          |
| 89542 MOLODEZNAJA                   | 6740S    | 04551E    | 40        |           | 979.4        | 984.0          | -8.9        | 2.5    | 2.3            |        | 11            | 124   | 116    | 6        |       |          |



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| STATION                           | LATITUDE                         | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|-----------------------------------|----------------------------------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                   |                                  |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % OF AV. |
|                                   | o'                               | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr       |          |
| <b>URUGUAY (ANTARCTIC)</b>        |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89054                             | DINAMET-URUGUAY                  | 6210S     | 05850W    | 10        |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>CHILE (ANTARCTIC)</b>          |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89056                             | CENTRO MET. ANTARTICO ' PDTE. ED | 6225S     | 05853W    | 10        | 979.0        | 984.3          | .2          |        | 5.6            |        | 11            | 44    |        | 4        | 017      |          |
| 89057                             | BASE ARTURO PRAT                 | 6230S     | 05941W    | 5         | 983.6        | 984.2          | .0          |        | 5.4            |        | 14            | 80    |        | 3        | 93       |          |
| 89059                             | BASE BERNARDO O'HIGGINS          | 6319S     | 05641W    | 10        | 982.5        | 983.7          | -1.8        |        | 4.8            |        | 6             | 22    |        | 1        | 62       |          |
| <b>JAPAN (ANTARCTIC)</b>          |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89532                             | SYOWA                            | 6900S     | 03935E    | 21        | 30           | 980.8          | 983.4       | -8.9   | 1.0            | 2.5    |               |       |        |          | 72       |          |
| <b>AUSTRALIA (ANTARCTIC)</b>      |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89564                             | MAWSON                           | 6736S     | 06252E    | 16        | 986.9        | 989.0          | -12.1       |        | 1.4            |        |               |       |        |          | 65       |          |
| 89571                             | DAVIS                            | 6834S     | 07757E    | 13        | 985.3        | 988.2          | -13.8       | -1.3   | 1.3            |        | 2             | 4     | -30    | 2        | 51       |          |
| <b>USSR (ANTARCTIC)</b>           |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89606                             | VOSTOK                           | 7827S     | 10652E    | 3420      | 623.6        | 1007.2         | -65.5       | -7     |                |        | 0             |       |        | 6        | 27       |          |
| <b>AUSTRALIA (ANTARCTIC)</b>      |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89611                             | CASEY                            | 6617S     | 11031E    | 41        | 977.5        | 982.7          | -12.6       | -1.3   | 1.8            |        | 6             | 25    | 1      | 3        | 70       |          |
| <b>SW PACIFIC</b>                 |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MALAYSIA (PENIN. MALAYSIA)</b> |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48601                             | PENANG/BAYAN LEPAS               | 0518N     | 10016E    | 4         | 1008.8       | 1009.2         | 28.1        | .5     | 31.9           |        | 15            | 293   | 80     | 5        | 246      | 110      |
| 48615                             | KOTA BHARU                       | 0610N     | 10217E    | 5         | 1009.0       | 1009.6         | 28.4        | .7     | 30.6           | 2.1    |               |       |        |          | 286      | 111      |
| 48647                             | KUALA LUMPUR/SUBANG              | 0307N     | 10133E    | 22        | 1006.5       | 1009.0         | 27.5        | .7     | 30.3           | .4     | 22            | 377   | 99     | 5        | 182      | 97       |
| 48657                             | KUANTAN                          | 0337N     | 10313E    | 16        | 1007.7       | 1009.5         | 27.5        | 1.1    | 29.9           |        | 3             | 31    | -171   | 1        | 198      | 95       |
| 48665                             | MALACCA                          | 0216N     | 10215E    | 9         | 1007.7       | 1008.8         | 27.4        | .5     | 30.6           |        | 12            | 176   | 0      | 3        | 204      | 100      |
| 48674                             | MERSING                          | 0227N     | 10350E    | 45        | 1004.4       | 1009.6         | 27.1        | .3     | 30.7           |        | 8             | 44    | -57    | 1        | 211      | 95       |
| <b>SINGAPORE</b>                  |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48698                             | SINGAPORE/CHANGI AIRPORT         | 0122N     | 10359E    | 16        | 30           | 1007.1         | 1008.9      | 27.9   | .9             | 31.9   | 1.7           | 11    | 242    | 84       | 5        | 95       |
| <b>USA (PACIFIC OCEAN NORTH)</b>  |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91165                             | LIHUE, KAUAI, HAWAII             | 2159N     | 15921W    | 45        | 1012.1       | 1017.3         | 23.1        | .1     | 21.1           | -1.1   | 10            | 95    | 6      | 4        |          |          |
| 91182                             | HONOLULU, OAHU, HAWAII           | 2121N     | 15756W    | 5         | 1015.6       | 1016.7         | 24.7        | .9     | 21.1           | 1.1    | 3             | 29    | -12    | 3        |          |          |
| 91245                             | WAKE ISLAND AIRFIELD, WAKE I     | 1917N     | 16639E    | 4         | 1014.9       | 1015.3         |             |        | 25.6           | 1.2    | 0             | 0     | -56    | 0        |          |          |
| 91285                             | HILO/GEN. LYMAN, HAWAII,         | 1943N     | 15504W    | 11        | 1013.9       | 1016.5         | 23.4        | .9     | 21.8           | -.3    | 15            | 207   | -120   | 2        |          |          |
| 91334                             | TRUK, CAROLINE IS.               | 0728N     | 15151E    | 2         | 1008.8       | 1009.4         | 27.4        | -.1    | 30.4           | .5     | 13            | 264   | -53    | 2        |          |          |
| 91348                             | PONAPE, CAROLINE ISLANDS.        | 0658N     | 15813E    | 46        | 1003.3       | 1008.6         | 27.6        | .5     | 30.9           | 1.3    | 21            | 459   | -9     | 3        |          |          |
| 91366                             | KWAJALEIN/BUCH. MARSHALL IS.     | 0844N     | 16744E    | 8         | 1008.5       | 1009.5         | 27.7        | .0     | 30.2           | .7     | 20            | 344   | 146    | 5        |          |          |
| 91376                             | MAJUORO/MARSHALL IS. INTL        | 0705N     | 17123E    | 3         | 1009.0       | 1009.3         | 27.2        | .0     | 31.0           | 3.8    | 23            | 545   | 233    | 5        |          |          |
| 91408                             | KOROR, PALAU IS.                 | 0720N     | 13429E    | 33        | 1006.4       | 1010.2         | 28.1        | .3     | 29.9           | -.9    | 11            | 66    | -196   | 0        |          |          |
| 91413                             | YAP, CAROLINE IS.                | 0929N     | 13805E    | 17        | 1008.0       | 1009.9         | 27.5        | -.1    | 28.9           | -.3    | 12            | 44    | -123   | 1        |          |          |
| <b>VANUATU</b>                    |                                  |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91554                             | PEKOA AIRPORT (SANTO)            | 1531S     | 16713E    | 44        | 1003.3       | 1007.9         | 26.6        | 1.4    |                |        |               |       |        |          |          |          |

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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. |
|                                     | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 91557 BAUERFIELD (EFATE)            | 1742S    | 16818E    | 21        |           | 1006.7       | 1009.2         | 25.9        |        |                |        |               |       |        |          |       |          |
| <b>NEW ZEALAND (KIRIBATI)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91610 TARAWA                        | 0121N    | 17255E    | 4         |           | 1008.0       | 1008.4         | 28.6        | .6     |                |        |               |       |        |          |       |          |
| <b>NEW ZEALAND (TUVALU)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91643 FUNAFUTI                      | 0831S    | 17913E    | 2         |           | 1008.7       | 1008.9         | 28.4        | .3     |                |        |               |       |        |          |       |          |
| <b>FIJI</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91650 ROTUMA                        | 1230S    | 17703E    | 26        |           | 1005.6       | 1008.6         | 27.7        | .3     |                |        |               |       |        |          |       |          |
| 91652 UNDU POINT                    | 1608S    | 17959W    | 63        |           | 1008.5       | 1009.4         | 26.9        | .5     |                |        |               |       |        |          |       |          |
| 91680 NANDI                         | 1745S    | 17727E    | 18        |           | 1007.2       | 1009.3         | 26.1        | .1     | 22.8           | -2.5   | 10            | 155   | -20    | 3        | 181   | 93       |
| 91683 NAUSORI                       | 1803S    | 17834E    | 7         |           | 1008.5       | 1009.4         | 25.8        | .8     |                |        |               |       |        |          |       |          |
| 91699 ONO-I-LAU                     | 2040S    | 17843W    | 28        |           | 1008.7       | 1010.8         | 25.8        | .3     |                |        |               |       |        |          |       |          |
| <b>NEW CALEDONIA (DETACHED IS.)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91753 HIHIFO (ILE WALLIS)           | 1314S    | 17610W    | 27        |           | 1005.8       | 1008.8         | 27.6        | .2     | 31.7           | 1.5    | 17            | 574   | 342    | 5        | 201   | 95       |
| <b>USA (SAMOA)</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91765 PAGO PAGO/INT. AIRPORT        | 1420S    | 17043W    | 3         |           | 1009.2       | 1009.5         | 28.2        | 1.2    | 31.6           | 1.6    | 16            | 235   | -63    | 2        |       |          |
| <b>FRENCH POLY. (MARQUESAS)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91925 ATUONA                        | 0948S    | 13902W    | 52        |           | 1003.6       | 1009.4         | 27.3        | .7     | 27.5           | .7     | 6             | 34    | -61    | 1        | 232   | 105      |
| <b>FRENCH POLY. (SOCIETY IS)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91930 BORA-BORA                     | 1627S    | 15145W    | 3         |           | 1009.8       | 1010.1         | 27.1        | -.1    | 30.6           | 2.8    | 19            | 275   | 126    | 5        | 157   |          |
| 91938 TAHITI-FAAA                   | 1733S    | 14937W    | 2         |           | 1010.0       | 1010.3         | 27.7        | 1.1    | 29.5           | 2.9    | 11            | 113   | -1     | 4        | 182   | 80       |
| <b>FRENCH POLY. (TUAMOTU IS)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91943 TAKAROA                       | 1429S    | 14502W    | 3         |           | 1009.8       | 1010.1         | 28.9        | 1.0    | 30.7           | 2.3    | 14            | 174   | 44     | 4        | 247   | 105      |
| 91944 HAO                           | 1804S    | 14057W    | 3         |           | 1010.9       | 1011.3         | 27.7        | .6     | 27.8           | -1.0   | 14            | 141   | 14     | 4        | 251   |          |
| 91945 HEREHETUE                     | 1952S    | 14500W    | 3         |           | 1011.3       | 1011.7         | 26.9        | .2     | 28.5           | 1.0    | 10            | 237   | 111    | 5        | 208   |          |
| 91948 RIKITEA                       | 2308S    | 13458W    | 89        |           | 1002.6       | 1012.7         | 24.4        | -.7    | 26.7           | 1.3    | 14            | 144   | 9      | 4        | 174   |          |
| 91952 MURUROA                       | 2149S    | 13848W    | 3         |           | 1012.4       | 1012.8         | 26.3        |        | 26.8           |        | 10            | 128   |        | 4        | 199   |          |
| <b>FRENCH POLY. (AUSTRAL IS)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 91954 TUBUAI                        | 2321S    | 14929W    | 3         |           | 1013.3       | 1013.6         | 23.6        | -1.1   | 21.8           | -3.2   | 6             | 47    | -142   | 1        | 121   |          |
| 91958 RAPA                          | 2737S    | 14420W    | 2         |           | 1015.6       | 1015.9         | 21.2        | -1.1   | 19.4           | -2.5   | 12            | 132   | -119   | 1        | 153   | 120      |
| <b>NEW ZEALAND</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 93012 KAITAIA                       | 3508S    | 17316E    | 87        |           |              | 1016.5         | 18.8        |        | 18.5           |        | 13            | 94    |        | 4        | 157   | 95       |
| 93292 GISBORNE AERODROME AWS        | 3839S    | 17759E    | 5         |           |              | 1018.6         | 16.8        |        | 16.0           |        | 17            | 200   |        | 4        |       |          |
| 93309 NEW PLYMOUTH AWS              | 3901S    | 17411E    | 32        |           |              | 1017.4         | 16.4        |        | 16.6           |        |               |       |        |          |       |          |
| 93615 HOKITIKA AERODROME AWS        | 4243S    | 17059E    | 40        |           |              | 1017.3         | 14.0        |        | 13.5           |        | 13            | 251   |        | 6        |       |          |
| 93780 CHRISTCHURCH                  | 4329S    | 17233E    | 30        |           |              | 1017.7         | 12.9        | .7     | 12.3           | 1.2    | 12            | 44    | -17    | 3        | 114   | 80       |
| <b>AUSTRALIA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 94120 DARWIN AIRPORT                | 1224S    | 13052E    | 30        |           | 1006.1       | 1009.6         | 27.4        | -.9    | 28.4           | 3.5    | 10            | 129   | 31     | 4        | 251   | 99       |
| 94150 GOVE AIRPORT                  | 1216S    | 13649E    | 54        |           | 1003.7       | 1009.7         | 27.1        |        | 27.7           |        | 7             | 102   |        |          | 257   | 115      |

# 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. |
|                                       | o'       | o'        | m         |           | mb           | mb             | o           | o c    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 94203 BROOME AIRPORT                  | 1757S    | 12213E    | 9         |           | 1008.6       | 1009.6         | 28.6        | .1     | 26.7           | 6.4    | 0             | T     | -24    | 1        | 280   |          |
| 94212 HALLS CREEK AIRPORT             | 1813S    | 12739E    | 424       |           | 963.6        | 1010.8         | 28.1        | .9     | 13.7           | .8     | 1             | 2     | -23    | 2        |       |          |
| 94238 TENNANT CREEK AIRPORT           | 1938S    | 13410E    | 376       |           | 970.1        | 1012.5         | 26.4        | 1.0    | 6.9            | -4.7   | 0             | 0     | -10    | 2        | 305   | 105      |
| 94287 CAIRNS AIRPORT                  | 1653S    | 14545E    | 7         |           | 1010.7       | 1011.6         | 26.0        | .8     | 24.3           | .3     | 5             | 25    | -168   | 1        | 253   | 130      |
| 94294 TOWNSVILLE AIRPORT              | 1915S    | 14645E    | 6         |           | 1011.1       | 1012.2         | 26.1        | 1.4    | 20.6           | -.2    | 1             | 3     | -57    | 1        | 293   | 125      |
| 94299 WILLIS ISLAND                   | 1618S    | 14959E    | 9         |           | 1009.5       | 1010.5         | 27.1        | .3     | 27.9           | .7     | 11            | 109   | 5      | 3        |       |          |
| 94300 CARNARVON AIRPORT               | 2452S    | 11340E    | 7         |           | 1012.1       | 1012.6         | 24.4        | .9     | 18.4           | 2.4    | 2             | 9     | -4     | 4        |       |          |
| 94302 LEARMONTH AIRPORT               | 2214S    | 11405E    | 6         |           | 1011.3       | 1011.9         | 26.1        |        | 21.0           |        | 3             | 15    |        | 4        |       |          |
| 94312 PORT HEDLAND AIRPORT            | 2022S    | 11837E    | 6         |           | 1009.9       | 1010.6         | 28.1        | .1     | 18.2           | 2.5    | 1             | 5     | -18    | 3        |       |          |
| 94326 ALICE SPRINGS                   | 2348S    | 13354E    | 547       |           | 953.9        | 1016.1         | 20.4        | -.3    | 7.9            | -2.3   | 1             | 2     | -14    | 3        | 288   | 96       |
| 94332 MT ISA AIRPORT                  | 2040S    | 13929E    | 344       |           | 973.9        | 1012.8         | 26.4        |        | 7.6            |        | 0             | 0     | -22    | 2        | 312   | 110      |
| 94346 LONGREACH AIRPORT               | 2326S    | 14416E    | 193       |           | 991.3        | 1013.4         | 23.6        | -.1    | 9.2            | -4.8   | 1             | 1     | -32    | 2        |       |          |
| 94367 MACKAY                          | 2107S    | 14913E    | 31        |           | 1009.5       | 1013.1         | 24.3        | 1.1    | 22.2           | .2     | 4             | 38    | -119   | 1        | 263   | 125      |
| 94374 ROCKHAMPTON AIRPORT             | 2323S    | 15028E    | 14        |           | 1012.4       | 1014.2         | 23.1        | -.2    | 19.0           |        | 5             | 111   | 73     | 5        |       |          |
| 94403 GERALDTON AIRPORT               | 2847S    | 11442E    | 34        |           | 1011.3       | 1015.4         | 21.5        | .4     | 14.7           | .4     | 4             | 45    | 16     | 5        |       |          |
| 94430 MEEKATHARRA AIRPORT             | 2636S    | 11832E    | 518       |           | 956.0        | 1014.2         | 20.4        | -2.4   | 15.4           | 5.0    | 9             | 48    | 32     | 5        |       |          |
| 94461 GILES                           | 2502S    | 12817E    | 599       |           | 947.1        | 1013.8         | 22.8        | -.1    | 9.5            | .2     | 1             | 20    | 1      | 4        | 224   | 82       |
| 94510 CHARLEVILLE AIRPORT             | 2624S    | 14616E    | 304       |           | 980.1        | 1015.0         | 20.2        | -.7    | 8.2            | -4.0   | 1             | 5     | -25    | 2        |       |          |
| 94527 MOREE                           | 2928S    | 14951E    | 212       |           | 991.3        | 1015.9         | 18.3        | -1.5   | 10.4           | -2.5   | 0             | 1     | -23    | 1        | 290   | 115      |
| 94578 BRISBANE AIRPORT M.O            | 2723S    | 15306E    | 5         |           | 1015.1       | 1015.7         | 20.3        | -1.6   | 15.5           | -1.7   | 8             | 49    | -17    | 3        | 237   | 105      |
| 94610 BELMONT (PERTH AIRPORT)         | 3156S    | 11557E    | 29        |           | 1013.9       | 1017.6         | 19.0        | .3     | 12.6           | -.8    | 3             | 10    | -38    | 1        | 255   | 115      |
| 94637 KALGOORLIE AIRPORT              | 3046S    | 12127E    | 360       |           | 975.9        | 1018.5         | 16.6        | -1.8   | 13.3           | 1.7    | 6             | 67    | 43     | 5        |       |          |
| 94638 ESPERANCE                       | 3349S    | 12153E    | 26        |           | 1016.5       | 1019.7         | 15.9        | -2.1   | 13.3           | -.6    | 2             | 12    | -49    | 1        |       |          |
| 94653 CEDUNA AIRPORT                  | 3207S    | 13342E    | 17        |           | 1017.7       | 1019.5         | 16.2        | -1.4   | 11.5           | -.9    | 5             | 22    | 0      | 3        | 201   | 90       |
| 94659 WOOMERA AERODROME               | 3108S    | 13649E    | 167       |           | 999.1        | 1018.6         | 17.3        | -1.8   | 9.7            | -1.5   | 3             | 6     | -9     | 3        | 235   | 93       |
| 94672 ADELAIDE AIRPORT                | 3456S    | 13831E    | 4         |           | 1018.2       | 1018.7         | 15.5        | -1.6   | 11.2           | -1.0   | 11            | 57    | 12     | 4        | 183   | 80       |
| 94693 MILDURA AIRPORT                 | 3413S    | 14205E    | 52        |           | 1011.9       | 1018.1         | 14.3        | -2.6   | 9.8            | -2.0   | 6             | 12    | -13    | 2        | 208   | 94       |
| 94711 COBAR                           | 3129S    | 14549E    | 265       |           | 986.5        | 1017.2         | 16.7        | -2.3   | 9.1            | -2.2   | 1             | 2     | -21    | 2        | 272   | 105      |
| 94767 SYDNEY AIRPORT                  | 3357S    | 15111E    | 3         |           | 1015.7       | 1016.3         | 17.3        | -1.1   | 12.0           | -2.2   | 2             | 33    | -50    | 2        | 217   | 110      |
| 94776 WILLIAMTOWN AERODROME           | 3247S    | 15149E    | 8         |           | 1015.5       | 1016.4         | 17.1        | -1.2   | 12.6           | -2.7   | 3             | 12    | -79    | 1        | 212   | 103      |
| 94791 COFFS HARBOUR AIRPORT           | 3019S    | 15307E    | 5         |           | 1015.3       | 1016.1         | 18.5        | -1.0   | 14.5           | -2.0   | 4             | 140   | -36    | 3        | 241   | 115      |
| 94802 ALBANY AIRPORT                  | 3456S    | 11748E    | 69        |           | 1010.9       | 1019.1         | 15.3        | -1.3   | 13.4           | -.5    | 6             | 27    | -50    | 1        | 173   |          |
| 94821 MT GAMBIER AIRPORT (M.O.)       | 3744S    | 14047E    | 69        |           | 1008.6       | 1016.9         | 12.0        | -2.0   | 11.1           | -1.1   | 16            | 98    | 35     | 5        | 145   | 95       |
| 94865 LAVERTON AERODROME              | 3751S    | 14444E    | 21        |           | 1013.8       | 1016.3         | 12.4        | -2.9   | 10.6           | -1.7   | 9             | 73    | 19     | 5        | 141   | 85       |
| 94907 EAST SALE AERODROME             | 3806S    | 14708E    | 8         |           | 1015.3       | 1016.3         | 12.2        | -2.3   | 10.4           | -1.9   | 5             | 35    | -6     | 3        | 186   | 105      |
| 94910 WAGGA AIRPORT                   | 3509S    | 14727E    | 213       |           | 991.9        | 1017.1         | 13.0        | -2.7   | 9.3            | -2.6   | 4             | 28    | -21    | 2        | 232   | 100      |
| 94926 CANBERRA AIRPORT                | 3518S    | 14911E    | 577       |           | 949.1        | 1016.1         | 11.1        | -1.9   | 8.8            | -1.9   | 3             | 11    | -36    | 1        | 244   | 117      |
| 94968 LAUNCESTON AIRPORT              | 4132S    | 14712E    | 178       |           | 1002.6       | 1024.1         | 10.6        | -1.6   | 9.6            | -1.8   | 8             | 67    | -1     | 3        | 167   | 85       |
| 94975 HOBART AIRPORT                  | 4250S    | 14729E    | 27        |           | 1008.6       | 1011.8         | 11.7        | -1.4   | 9.6            | -1.2   | 9             | 98    | 43     | 5        | 168   | 100      |
| <b>AUSTRALIA (ADDITIONAL IS.)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 94995 LORD HOWE ISLAND                | 3132S    | 15904E    | 6         |           | 1014.7       | 1015.5         | 19.9        | -.8    | 16.0           | -1.8   | 11            | 67    | -39    | 2        |       |          |
| 94996 NORFOLK ISLAND AIRPORT          | 2902S    | 16756E    | 109       |           | 1002.1       | 1014.9         | 21.0        | .8     | 19.6           | 1.8    | 13            | 126   | 5      | 4        | 176   | 90       |
| 94998 MACQUARIE ISLAND                | 5429S    | 15856E    | 6         |           | 1001.1       | 1002.1         | 5.8         | .6     | 8.2            | -.3    | 22            | 84    | -4     | 3        | 55    | 100      |
| <b>BRUNEI DARUSSALAM</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 96315 BRUNEI AIRPORT                  | 0456N    | 11456E    | 15        |           | 1007.4       | 1009.1         | 23.0        | -3.7   | 30.8           |        | 10            | 84    | -90    | 1        | 240   |          |
| <b>MALAYSIA (SABAH &amp; SARAWAK)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |

# SURFACE

APRIL 1995

| STATION                            | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        | SUNSHINE |       |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|
|                                    |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL |
|                                    | °        | °         | m         |           | mb           | mb             | °           | ° c    | mb             | mb     |               | mm    | mm     | hr       |       |
| 96413 KUCHING                      | 0129N    | 11020E    | 27        |           | 1006.9       | 1009.4         | 26.5        | .2     | 29.7           |        | 05            | 304   | 12     | 3        | 147   |
| 96441 BINTULU                      | 0312N    | 11302E    | 5         |           | 1008.9       | 1009.4         | 27.2        | .8     | 30.7           |        | 16            | 136   | -134   | 1        | 191   |
| 96465 LABUAN                       | 0518N    | 11515E    | 30        |           | 1006.0       | 1009.4         | 28.4        |        | 32.0           |        | 14            | 331   |        | 4        | 260   |
| 96471 KOTA KINABALU                | 0556N    | 11603E    | 3         |           | 1008.8       | 1009.1         | 28.2        | 1.0    | 30.6           |        | 3             | 34    | -80    | 2        | 262   |
| 96481 TAWAU                        | 0416N    | 11753E    | 20        |           | 1007.7       | 1010.0         | 27.1        |        | 31.3           |        | 12            | 146   |        | 5        | 232   |
| 96491 SANDAKAN                     | 0554N    | 11804E    | 13        |           | 1008.8       | 1010.1         | 28.2        | .8     | 30.7           |        | 8             | 110   | -2     | 3        | 291   |
| <b>ISLANDS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 96996 COCOS ISLAND AIRPORT         | 1211S    | 09649E    | 3         |           | 1010.2       | 1010.6         | 27.3        | .1     | 29.8           | 1.0    | 9             | 57    | -181   | 1        |       |
| <b>PHILIPPINES</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |
| 98135 BASCO                        | 2027N    | 12158E    | 11        | 30        | 1012.0       | 1013.3         | 27.1        | .8     | 28.2           | .6     | 5             | 6     | -75    | 0        |       |
| 98223 LAOAG                        | 1811N    | 12032E    | 5         | 30        | 1010.0       | 1011.2         | 28.6        | 2.3    | 29.8           | 2.2    | 0             | 0     | -81    | 0        |       |
| 98232 APARRI                       | 1822N    | 12138E    | 3         | 30        | 1010.1       | 1010.4         | 27.7        | .0     | 22.3           | -5.9   | 0             | 0     | -33    | 0        |       |
| 98233 TUGUEGARAO                   | 1737N    | 12144E    | 62        | 30        | 1003.9       | 1011.0         | 30.4        | 2.7    | 21.0           | -7.2   | 1             | 1     | -32    | 1        |       |
| 98325 DAGUPAN                      | 1603N    | 12020E    | 2         | 30        | 1009.1       | 1009.3         | 30.2        | .8     | 28.0           | .7     |               | 0004  | -070   | 0        |       |
| 98328 BAGUIO                       | 1625N    | 12036E    | 1501      | 30        | 852.8        | 1009.2         | 21.6        | -7.8   | 19.4           | -7.9   | 5             | 0032  | -006   | 1        |       |
| 98330 CABANATUAN                   | 1529N    | 12058E    | 32        | 30        | 1008.1       | 1011.3         | 29.0        | -4     | 22.8           | -4.5   | 0             | 0     | -74    | 0        |       |
| 98429 NINYO AQUINO INTER- NATIONAL | 1431N    | 12100E    | 15        | 30        | 1008.7       | 1011.1         | 28.0        | -1.0   | 19.8           | -6.4   | 2             |       |        |          |       |
| 98444 LEGASPI                      | 1308N    | 12344E    | 17        | 30        | 1009.9       | 1012.2         | 27.7        | .5     | 29.8           | 1.0    | 20            | 113   | -54    | 3        |       |
| 98550 TACLOBAN                     | 1115N    | 12500E    | 3         | 30        | 1010.6       | 1010.8         | 23.2        | -4.3   | 29.8           | 1.1    | 11            | 115   | -15    | 3        |       |
| 98637 ILOILO                       | 1042N    | 12234E    | 8         | 30        | 1009.4       | 1010.2         | 29.3        | 1.1    | 29.8           | 1.3    | 6             | 12    | -33    | 2        |       |
| 98644 TAGBILARAN                   | 0936N    | 12351E    | 8         | 30        | 1009.3       | 1010.2         | 28.0        |        | 30.0           |        | 6             | 32    |        | 2        |       |
| 98646 MACTAN                       | 1018N    | 12358E    | 24        | 30        | 1009.1       | 1011.9         | 28.3        |        | 29.8           |        | 4             | 27    |        | 0        |       |
| 98653 SURIGAO                      | 0948N    | 12530E    | 55        | 30        | 1006.6       | 1011.1         | 27.6        | .6     | 31.7           | 2.8    | 21            | 149   | -97    | 2        |       |

# 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. |
|   | '              | '                | m          |           | mb             | mb               | ° c          | ° c    | mb             | mb     |               | mm       | mm     |          | hr       |          |
| <b>0 EUROPE</b>                                   |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>USSR</b><br>26629 KAUNAS                       | 5453N          | 02353E           | 75         |           | 1001.8         | 1011.2           | 7.1          | 1.2    | 7.1            | .3     | 10            | 42       | 2      | 3        |          |          |
| <b>ASIA</b>                                       |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>USSR</b><br>23330 SALEHARD                     | 6632N          | 06632E           | 35         |           | 1016.9         | 1018.9           | 1.0          | 9.8    | 10.2           | 7.4    | 5             | 20       | 0      | 4        | 184      |          |
| <b>JANUARY 1995</b>                               |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>EUROPE</b>                                     |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>USSR</b><br>33393 L'VOV                        | 4949N          | 02357E           | 325        |           | 973.8          | 1012.7           | -7.0         | 11.6   | 7.7            | 3.6    | 0             | 70       | 32     | 5        | 170      |          |
| <b>FEBRUARY 1995</b>                              |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>EUROPE</b>                                     |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>SYRIAN ARAB REPUBLIC</b><br>40030 HAMA         | 3508N          | 03643E           | 309        | 28        | 980.2          | 1017.1           | 10.0         |        | 9.0            |        | 6             | 18       | -43    | 2        |          |          |
| <b>MARCH 1995</b>                                 |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>EUROPE</b>                                     |                |                  |            |           |                |                  |              |        |                |        |               |          |        |          |          |          |
| <b>FINLAND</b><br>02801 KILPISJARVI<br>02805 KEVO | 6903N<br>6945N | 02047E<br>02702E | 476<br>101 |           | 942.1<br>989.3 | 1000.7<br>1001.8 | -6.3<br>-4.2 |        | 3.3<br>3.7     |        | 6<br>9        | 18<br>32 |        | 2<br>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. |
|                                    | °        | °         | "         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| 02836 SODANKYLA                    | 6722N    | 02639E    | 179       |           | 981.2        | 1003.5         | -3.8        | 5.0    | 3.6            | .7     | 10            | 32    | 11     | 5        |       |          |
| 02869 KUUSAMO                      | 6558N    | 02911E    | 263       |           | 972.8        | 1005.4         | -3.9        | 5.8    | 3.7            |        | 9             | 33    | 4      | 4        |       |          |
| 02875 OULU                         | 6456N    | 02522E    | 15        |           | 1002.5       | 1004.4         | -1.2        | 6.0    | 4.2            |        | 8             | 29    | 5      | 4        |       |          |
| 02897 KAJAANI                      | 6417N    | 02741E    | 136       |           | 989.2        | 1005.7         | -2.1        | 4.8    | 4.3            | .9     | 8             | 23    | 1      | 3        |       |          |
| 02911 VAASA                        | 6303N    | 02146E    | 4         |           | 1002.0       | 1003.2         | -1          | 4.2    | 5.1            | 1.0    | 12            | 51    | 30     | 6        |       |          |
| 02929 JOENSUU                      | 6240N    | 02938E    | 117       |           | 992.7        | 1007.5         | -1.5        | 5.0    | 4.6            |        | 11            | 39    | 12     | 4        |       |          |
| 02935 JYVASKYLA                    | 6224N    | 02541E    | 145       |           | 987.8        | 1005.9         | -1.3        | 4.0    | 4.6            | .8     | 11            | 31    | 3      | 4        |       |          |
| 02942 NIINISALO                    | 6151N    | 02228E    | 136       |           | 988.0        | 1005.0         | -.7         |        | 4.8            |        | 12            | 65    |        | 5        |       |          |
| 02958 LAPPEENRANTA                 | 6105N    | 02809E    | 106       |           | 993.9        | 1007.3         | -.6         | 4.2    | 4.8            |        | 12            | 65    | 39     | 6        |       |          |
| 02963 JOKIOINEN                    | 6049N    | 02330E    | 103       |           | 992.7        | 1005.6         | -.3         | 3.9    | 4.9            | .8     | 11            | 45    | 24     | 5        |       |          |
| 02972 TURKU                        | 6031N    | 02216E    | 59        |           | 997.9        | 1005.3         | .3          | 3.6    | 5.4            | 1.1    | 14            | 64    | 40     | 5        |       |          |
| 02974 HELSINKI-VANTAA              | 6019N    | 02458E    | 56        |           | 999.3        | 1006.4         | .2          | 3.5    | 5.3            | 1.1    | 12            | 53    | 23     | 5        |       |          |
| <b>IRELAND</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 03953 VALENTIA OBSERVATORY         | 5156N    | 01015W    | 14        |           | 992.8        | 1012.7         | 5.9         | -1.8   |                |        |               |       |        |          |       |          |
| <b>N AMERICA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>CANADA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 71043 NORMAN WELLS, N.W.T.         | 6517N    | 12648W    | 74        |           | 1014.4       | 1024.3         | -21.0       | -1.3   | 1.0            | -.1    | 9             | 24    | 11     | 5        | 152   |          |
| 71081 HALL BEACH, N.W.T.           | 6847N    | 08115W    | 8         |           | 1016.7       | 1017.8         | -27.7       | 2.1    | .7             | .1     | 6             | 18    | 7      | 4        |       |          |
| 71109 PORT HARDY, B.C.             | 5041N    | 12722W    | 22        |           | 1007.5       | 1010.1         | 5.6         | 1.2    | 7.4            | .2     | 18            | 117   | -25    | 2        | 96    | 85       |
| 71600 SABLE ISLAND, N.S.           | 4356N    | 06001W    | 4         |           | 1015.1       | 1015.6         | -.7         | -1.3   | 5.6            | -.1    | 8             | 98    | -19    | 2        | 88    | 75       |
| 71601 SHEARWATER, N.S.             | 4438N    | 06330W    | 51        |           | 1010.8       | 1017.1         | -1.1        | -1.3   | 5.0            | .1     | 8             | 50    | -67    | 1        | 107   | 75       |
| 71624 TORONTO PEARSON INT. AIRPORT | 4340N    | 07938W    | 173       |           | 998.6        | 1020.0         | 1.9         | 2.9    | 5.1            | .4     | 7             | 58    | -3     | 3        |       |          |
| 71627 MONTREAL/DORVAL INT'L, QUE   | 4528N    | 07345W    | 36        |           | 1008.8       | 1019.1         | -1.3        | 1.2    | 4.0            | .0     | 8             | 50    | -24    | 1        |       |          |
| 71727 BAGOTVILLE, QUE.             | 4820N    | 07100W    | 159       |           | 999.4        | 1019.5         | -5.0        | 1.4    | 3.7            | .4     | 13            | 118   | 67     | 5        |       |          |
| 71731 NORTH BAY, ONT.              | 4621N    | 07926W    | 371       |           | 974.3        | 1020.1         | -2.4        | 2.8    | 3.5            | .2     | 9             | 39    | -22    | 2        | 164   | 110      |
| 71811 SEPT-ILES, QUE.              | 5013N    | 06616W    | 55        |           | 1013.6       | 1020.6         | -7.8        | -1.2   | 2.8            | -.1    | 13            | 124   | 41     | 5        | 112   | 70       |
| 71831 KAPUSKASING, ONT.            | 4925N    | 08228W    | 227       |           | 994.2        | 1023.1         | -6.7        | 2.7    | 3.4            | .6     | 10            | 40    | -15    | 2        |       |          |
| 71852 WINNIPEG INT. AIRPORTMAN.    | 4954N    | 09714W    | 239       |           | 990.4        | 1020.5         | -5.2        | 2.9    | 4.5            | 1.3    | 8             | 28    | 5      | 4        | 100   | 55       |
| 71863 REGINA, SASK.                | 5026N    | 10440W    | 577       |           | 948.2        | 1019.4         | -4.3        | 3.5    | 4.0            | .6     | 11            | 56    | 38     | 6        | 113   | 70       |
| 71867 THE PAS, MAN.                | 5358N    | 10106W    | 271       |           | 987.7        | 1022.4         | -9.1        | 2.1    | 3.1            | .7     | 7             | 34    | 10     | 4        | 136   | 75       |
| 71874 LETHBRIDGE, ALTA.            | 4938N    | 11248W    | 929       |           | 906.0        | 1016.5         | -1.2        | .9     |                |        | 3             | 7     | -17    | 1        | 213   | 125      |
| 71892 VANCOUVER INT. AIR- PORT, B. | 4911N    | 12310W    | 2         |           | 1012.2       | 1012.5         | 7.1         | 1.3    | 7.3            | -.2    | 14            | 111   | 10     | 4        | 143   | 110      |
| 71896 PRINCE GEORGE, B.C.          | 5353N    | 12241W    | 691       |           | 930.1        | 1013.6         | -.3         | 1.5    | 4.0            | -.2    | 6             | 22    | -15    | 2        | 141   | 95       |
| 71906 KUUJUAQ, QUE.                | 5807N    | 06825W    | 37        |           | 1020.3       | 1025.3         | -19.2       | -1.5   | 1.3            | -.2    | 5             | 26    | 0      | 4        | 178   | 110      |
| 71909 IQALUIT, N.W.T.              | 6345N    | 06832W    | 34        |           | 1017.3       | 1021.9         | -24.9       | -2.2   | .7             | -.3    | 2             | 6     | -17    | 1        | 178   |          |
| 71917 EUREKA, N.W.T.               | 7959N    | 08556W    | 10        |           | 1019.7       | 1021.2         | -39.1       | -1.7   | .2             | .0     | 2             | 5     | 3      | 5        | 120   |          |
| 71924 RESOLUTE, N.W.T.             | 7443N    | 09459W    | 67        |           | 1008.9       | 1018.4         | -32.5       | -1.1   | .3             | -.1    | 7             | 15    | 12     | 6        | 114   |          |
| 71926 BAKER LAKE, N.W.T.           | 6418N    | 09605W    | 18        |           | 1020.2       | 1022.7         | -25.3       | 2.6    | .9             | .4     | 3             | 10    | 2      | 4        | 178   |          |
| 71934 FORT SMITH, N.W.T.           | 6001N    | 11157W    | 203       |           | 994.7        | 1021.5         | -13.8       | 1.0    | 2.3            | .2     | 4             | 10    | -4     | 2        | 191   | 105      |
| 71938 COPPERMINE, N.W.T.           | 6749N    | 11508W    | 22        |           |              |                | -26.4       | .8     | .9             | .2     | 6             | 14    | 4      | 5        | 151   |          |
| 71945 FORT NELSON, B.C.            | 5850N    | 12235W    | 382       |           | 971.2        | 1019.8         | -12.2       | -2.5   | 2.0            | -.5    | 5             | 23    | -1     | 3        | 150   | 95       |
| 71957 INUVIK, N.W.T.               | 6818N    | 13329W    | 68        |           | 1015.1       | 1025.1         | -25.0       | .0     | .7             | .0     | 7             | 23    | 11     | 5        | 171   |          |
| 71964 WITHEHORSE, Y.T.             | 6043N    | 13504W    | 703       |           | 928.6        | 1023.0         | -10.4       | -2.3   | 2.4            | -.2    | 8             | 22    | 8      | 5        | 130   | 80       |

# 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. |
|                            | '                             | '         | m         |           | mb           | mb             | °           | ° C    | mb             | mb     |               | mm    | mm     |          | hr    |          |
| <b>TRINIDAD AND TOBAGO</b> |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 78970                      | PIARCO INT. AIRPORT, TRINIDAD | 1037N     | 06121W    | 15        | 1012.6       | 1015.1         | 26.4        | .9     | 24.9           | .0     | 3             | 26    | -6     | 3        | 253   | 101      |
| <b>S AMERICA</b>           |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>CHILE</b>               |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 85406                      | ARICA                         | 1820S     | 07020W    | 58        | 1007.1       | 1013.9         | 21.3        | .0     | 19.5           | 1.2    | 2             | 4     | 4      | 6        | 257   | 105      |
| 85442                      | ANTOFAGASTA                   | 2326S     | 07026W    | 135       | 999.8        | 1015.6         | 18.7        | .1     | 17.3           | 1.3    | 0             | 0     | 0      | 5        | 271   | 95       |
| 85469                      | ISLA DE PASCUA                | 2709S     | 10925W    | 51        | 1013.1       | 1018.5         | 23.5        | .4     | 25.5           | 3.4    | 15            | 117   | 29     | 4        | 223   | 100      |
| 85470                      | COPIAPO                       | 2718S     | 07025W    | 291       | 978.8        | 1012.5         | 17.6        | .5     | 13.9           | -6     | 0             | 0     | 0      | 5        | 265   | 105      |
| 85488                      | LA SERENA                     | 2954S     | 07112W    | 142       | 997.8        | 1014.6         | 15.4        | -.2    | 14.7           | .3     | 0             | T     | -1     | 5        | 207   | 110      |
| 85543                      | QUINTERO SANTIAGO             | 3247S     | 07131W    | 8         | 1014.8       | 1015.8         | 14.2        |        | 13.8           |        | 0             | T     |        | 3        | 215   |          |
| 85574                      | PUDAHUEL                      | 3323S     | 07047W    | 475       | 959.4        | 1013.7         | 17.1        | -.5    | 11.6           | -1.5   | 0             | 0     | -3     | 4        | 287   | 105      |
| 85577                      | SANTIAGO Q. NORMAL            | 3326S     | 07041W    | 520       | 954.3        | 1013.6         | 17.8        |        | 15.3           |        | 0             | 0     |        | 3        | 263   | 105      |
| 85585                      | ISLA JUAN FERNANDEZ           | 3340S     | 07859W    | 30        | 1014.4       | 1018.0         | 17.7        | -.3    | 15.9           | 1.5    | 11            | 57    | 0      | 4        | 151   |          |
| 85629                      | CURICO                        | 3458S     | 07114W    | 228       | 988.2        | 1014.5         | 16.4        | 1.3    | 12.6           |        | 0             | T     | -15    | 3        | 283   | 110      |
| <b>URUGUAY</b>             |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 86360                      | SALTO                         | 3123S     | 05757W    | 34        | 1008.3       | 1012.2         | 22.6        | 1.2    | 19.3           | 5.1    | 5             | 130   | -16    | 3        | 340   | 145      |
| 86440                      | MELO                          | 3222S     | 05411W    | 100       | 1000.8       | 1012.7         | 20.6        | -.4    | 18.5           |        | 3             | 93    | -26    | 3        | 63    | 25       |
| 86460                      | PASO DE LOS TOROS             | 3248S     | 05631W    | 75        | 1003.7       | 1012.6         | 21.3        | -.4    | 17.5           |        | 6             | 130   | -17    | 3        | 264   | 115      |
| 86490                      | MERCEDES                      | 3315S     | 05804W    | 22        | 1010.3       | 1012.4         | 20.9        | -.2    | 18.3           |        | 10            | 203   | 71     | 4        | 267   | 115      |
| 86500                      | TREINTA Y TRES                | 3313S     | 05423W    | 46        | 1007.5       | 1013.0         | 20.3        | -.1    | 17.5           |        | 4             | 109   | -3     | 3        | 225   | 100      |
| 86560                      | COLONIA                       | 3427S     | 05750W    | 23        | 1009.7       | 1012.5         | 21.0        | -.4    | 17.5           |        | 13            | 157   | 37     | 4        | 248   | 110      |
| 86565                      | ROCHA                         | 3429S     | 05418W    | 18        | 1011.1       | 1013.0         | 19.7        | -.6    | 18.1           |        | 10            | 222   | 134    | 6        | 57    | 25       |
| 86580                      | CARRASCO                      | 3450S     | 05600W    | 32        | 1009.2       | 1012.7         | 20.0        | -.5    | 17.4           |        | 8             | 136   | 29     | 4        | 243   | 100      |
| <b>ANTARCTICA</b>          |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>URUGUAY (ANTARCTIC)</b> |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 89054                      | DINAMET-URUGUAY               | 6210S     | 05850W    | 10        | 981.4        | 983.2          | .3          |        | 5.9            |        |               |       |        |          | 66    |          |
| <b>SW PACIFIC</b>          |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| <b>NEW ZEALAND</b>         |                               |           |           |           |              |                |             |        |                |        |               |       |        |          |       |          |
| 93012                      | KAITAIA                       | 3508S     | 17316E    | 87        |              | 1015.7         | 19.1        |        | 18.4           |        | 13            | 159   |        | 5        | 187   | 95       |
| 93292                      | GISBORNE AERODROME AWS        | 3839S     | 17759E    | 5         |              | 1015.0         | 18.5        |        | 14.9           |        | 6             | 35    |        | 1        |       |          |
| 93309                      | NEW PLYMOUTH AWS              | 3901S     | 17411E    | 32        |              | 1014.9         | 16.9        |        | 17.2           |        | 14            | 151   |        | 6        |       |          |
| 93417                      | PARAPARAUMU AERODROME         | 4054S     | 17459E    | 12        |              | 1013.5         | 16.5        |        | 15.0           |        | 13            | 95    |        | 4        | 187   |          |
| 93615                      | HOKITIKA AERODROME AWS        | 4243S     | 17059E    | 40        |              | 1013.1         | 13.7        |        | 13.8           |        | 18            | 231   |        | 3        |       |          |
| 93780                      | CHRISTCHURCH                  | 4329S     | 17233E    | 30        |              | 1009.7         | 15.8        | .8     | 12.3           | -.7    | 7             | 32    | -26    | 2        | 223   | 128      |
| 93844                      | INVERCARGILL AERODROME        | 4625S     | 16820E    | 4         |              | 1008.4         | 11.6        | -1.1   | 10.8           | -1.1   | 18            | 126   | 37     | 5        | 147   | 101      |

# UPPER AIR

APRIL 1995

| 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 |
|   |        |              |       |                      |              |            |           |       |   |             |              |       |                      |              |            |           |       |  |        |              |             |                      |              |            |           |       |
| <b>EUROPE - NORWAY</b><br><b>JAN MAYEN</b><br>01001 APR 1995 7056N 00840W OB 3  |        |              |       |                      |              |            |           |       | <b>EUROPE - NORWAY</b><br><b>BJORNOYA</b><br>01028 APR 1995 7431N 01901E OB 3       |             |              |       |                      |              |            |           |       | <b>EUROPE - NORWAY</b><br><b>BODO</b><br>01152 APR 1995 6715N 01424E OB 3            |        |              |             |                      |              |            |           |       |
| 030   | 23529  | 0            | -51.7 | 28.9                 | 0            | 49         | 247       | 10    | 030   | 23464       | 0            | -53.1 | 29.6                 | 0            | 23         | 275       | 4     | 030  | 23538  | 0            | -53.6       | 30.3                 | 0            | 69         | 276       | 9     |
| 050   | 20209  | 0            | -53.0 | 28.3                 | 0            | 53         | 260       | 11    | 050   | 20183       | 0            | -54.1 | 31.2                 | 0            | 42         | 250       | 5     | 050  | 20259  | 0            | -53.9       | 30.0                 | 0            | 73         | 267       | 10    |
| 100   | 15774  | 0            | -55.2 | 26.9                 | 0            | 63         | 281       | 10    | 100   | 15744       | 0            | -54.4 | 32.0                 | 0            | 54         | 235       | 5     | 100  | 15810  | 0            | -53.3       | 29.8                 | 0            | 74         | 256       | 10    |
| 150   | 13179  | 0            | -53.6 | 27.0                 | 0            | 74         | 296       | 9     | 150   | 13134       | 0            | -52.1 | 32.5                 | 0            | 42         | 229       | 4     | 150  | 13194  | 0            | -51.6       | 30.1                 | 0            | 72         | 259       | 10    |
| 200   | 11325  | 0            | -52.3 | 25.4                 | 0            | 69         | 307       | 9     | 200   | 11265       | 0            | -50.8 | 32.1                 | 0            | 27         | 227       | 3     | 200  | 11323  | 0            | -50.6       | 29.3                 | 0            | 71         | 260       | 10    |
| 300   | 8713   | 0            | -52.3 | 14.4                 | 0            | 59         | 329       | 10    | 300   | 8637        | 0            | -52.4 | 19.8                 | 0            | 17         | 231       | 2     | 300  | 8688   | 0            | -51.5       | 17.5                 | 0            | 63         | 259       | 11    |
| 500   | 5285   | 0            | -33.2 | 9.1                  | 0            | 56         | 329       | 7     | 500   | 5231        | 0            | -34.8 | 11.9                 | 0            | 30         | 250       | 3     | 500  | 5271   | 0            | -34.3       | 10.0                 | 0            | 58         | 250       | 8     |
| 700   | 2847   | 0            | -18.4 | 7.4                  | 0            | 52         | 337       | 5     | 700   | 2808        | 0            | -19.4 | 10.4                 | 0            | 33         | 270       | 3     | 700  | 2838   | 0            | -18.3       | 7.3                  | 0            | 57         | 244       | 6     |
| 850   | 1379   | 0            | -12.1 | 4.2                  | 0            | 53         | 344       | 6     | 850   | 1340        | 0            | -10.7 | 6.2                  | 0            | 26         | 282       | 2     | 850  | 1362   | 0            | -8.9        | 4.0                  | 0            | 56         | 225       | 5     |
| 1014  | * 9    |              | -3.0  | 3.3                  |              |            |           |       | 1007  | * 18        |              | -3.6  | 1.3                  |              |            |           |       | 1008   | * 8    |              | 1.4         | 5.0                  |              |            |           |       |
| <b>EUROPE - NORWAY</b><br><b>ORLAND</b><br>01241 APR 1995 6342N 00936E OB 3     |        |              |       |                      |              |            |           |       | <b>EUROPE - NORWAY</b><br><b>STAVANGER/SOLA</b><br>01415 APR 1995 5852N 00540E OB 3 |             |              |       |                      |              |            |           |       | <b>EUROPE - FINLAND</b><br><b>SODANKYLA</b><br>02836 APR 1995 6722N 02639E OB 3      |        |              |             |                      |              |            |           |       |
| 030   | 23636  | 0            | -53.6 | 28.3                 | 0            | 66         | 287       | 8     | 030   | 23715       | 2            | -53.9 | 30.6                 | 2            | 59         | 271       | 6     | 030  | 23496  | 1            | -54.5       | 30.1                 | 1            | 58         | 276       | 9     |
| 050   | 20351  | 0            | -54.3 | 27.8                 | 0            | 73         | 280       | 11    | 050   | 20425       | 2            | -53.8 | 30.2                 | 2            | 61         | 273       | 6     | 050  | 20238  | 0            | -55.2       | 30.5                 | 0            | 72         | 261       | 10    |
| 100   | 15898  | 0            | -53.3 | 28.0                 | 0            | 74         | 282       | 13    | 100   | 15988       | 1            | -54.2 | 28.9                 | 1            | 72         | 286       | 11    | 100  | 15824  | 0            | -54.0       | 30.2                 | 0            | 84         | 249       | 11    |
| 150   | 13279  | 0            | -51.7 | 27.4                 | 0            | 77         | 282       | 14    | 150   | 13383       | 1            | -53.7 | 25.9                 | 1            | 75         | 293       | 14    | 150  | 13211  | 0            | -51.8       | 30.2                 | 0            | 84         | 247       | 11    |
| 200   | 11413  | 0            | -51.7 | 24.3                 | 0            | 78         | 288       | 15    | 200   | 11539       | 1            | -55.7 | 20.3                 | 1            | 78         | 295       | 19    | 200  | 11341  | 0            | -50.8       | 27.5                 | 0            | 83         | 245       | 12    |
| 300   | 8789   | 0            | -50.9 | 14.5                 | 0            | 79         | 290       | 20    | 300   | 8941        | 1            | -49.8 | 13.0                 | 1            | 78         | 299       | 23    | 300  | 8716   | 0            | -52.1       | 14.8                 | 0            | 74         | 244       | 16    |
| 500   | 5337   | 0            | -31.3 | 10.2                 | 0            | 77         | 288       | 13    | 500   | 5440        | 1            | -27.1 | 10.7                 | 1            | 76         | 300       | 16    | 500  | 5292   | 0            | -33.1       | 11.4                 | 0            | 70         | 244       | 11    |
| 700   | 2875   | 0            | -15.5 | 8.1                  | 0            | 82         | 284       | 10    | 700   | 2936        | 1            | -11.6 | 9.9                  | 1            | 68         | 300       | 9     | 700  | 2849   | 0            | -17.3       | 8.8                  | 0            | 57         | 244       | 6     |
| 850   | 1385   | 0            | -6.8  | 5.1                  | 0            | 72         | 275       | 7     | 850   | 1425        | 1            | -3.4  | 5.4                  | 1            | 50         | 303       | 5     | 850  | 1370   | 0            | -8.7        | 4.4                  | 0            | 43         | 234       | 4     |
| 1011  | * 10   |              | 2.4   | 3.7                  |              |            |           |       | 1013  | * 33        |              | 6.0   | 3.6                  |              |            |           |       | 989  | * 179  |              | -1.4        | 5.7                  |              |            |           |       |
| <b>EUROPE - FINLAND</b><br><b>JYVASKYLA</b><br>02935 APR 1995 6224N 02541E OB 3 |        |              |       |                      |              |            |           |       | <b>EUROPE - FINLAND</b><br><b>JOKIOINEN</b><br>02963 APR 1995 6049N 02330E OB 3     |             |              |       |                      |              |            |           |       | <b>EUROPE - UNITED KINGDOM</b><br><b>LERWICK</b><br>03005 APR 1995 6008N 00111W OB / |        |              |             |                      |              |            |           |       |
| 030   | 23653  | 10           | -54.8 | 32.0                 | 9            | 73         | 251       | 10    | 030   | 23679       | 8            | -53.9 | 32.0                 | 8            | 70         | 248       | 9     | 030  | 23685  | 0            | -54.3       |                      | 1            | 54         | 264       | 6     |
| 050   | 20409  | 1            | -54.1 | 30.9                 | 1            | 78         | 259       | 10    | 050   | 20375       | 0            | -54.8 | 31.3                 | 0            | 78         | 266       | 11    | 050  | 20406  | 0            | -54.4       |                      | 0            | 67         | 266       | 9     |
| 100   | 15912  | 0            | -53.8 | 30.4                 | 0            | 84         | 253       | 12    | 100   | 15939       | 0            | -53.5 | 30.7                 | 0            | 79         | 257       | 11    | 100  | 15978  | 0            | -54.6       |                      | 0            | 78         | 279       | 13    |
| 150   | 13299  | 0            | -52.4 | 28.1                 | 0            | 81         | 250       | 12    | 150   | 13320       | 0            | -52.2 | 30.8                 | 0            | 79         | 257       | 11    | 150  | 13381  | 0            | -54.2       |                      | 0            | 83         | 284       | 16    |
| 200   | 11439  | 0            | -52.8 | 21.1                 | 0            | 82         | 248       | 15    | 200   | 11460       | 0            | -53.1 | 24.5                 | 0            | 77         | 256       | 13    | 200  | 11542  | 0            | -56.4       |                      | 0            | 86         | 291       | 22    |
| 300   | 8840   | 0            | -52.1 | 11.9                 | 0            | 73         | 240       | 18    | 300   | 8862        | 0            | -51.5 | 12.6                 | 0            | 67         | 246       | 15    | 300  | 8952   | 0            | -50.5       |                      | 0            | 84         | 293       | 26    |
| 500   | 5373   | 0            | -29.2 | 10.1                 | 0            | 68         | 242       | 12    | 500   | 5386        | 0            | -28.4 | 8.9                  | 0            | 65         | 239       | 11    | 500  | 5449   | 0            | -26.3       | 10.7                 | 0            | 80         | 294       | 19    |
| 700   | 2891   | 0            | -13.7 | 8.9                  | 0            | 59         | 239       | 7     | 700   | 2894        | 0            | -12.8 | 9.2                  | 0            | 59         | 243       | 7     | 700  | 2941   | 0            | -10.9       | 11.7                 | 0            | 75         | 299       | 12    |
| 850   | 1393   | 0            | -5.8  | 5.8                  | 0            | 36         | 224       | 4     | 850   | 1391        | 0            | -4.9  | 5.7                  | 0            | 36         | 235       | 4     | 850  | 1429   | 0            | -4.1        | 4.2                  | 0            | 61         | 304       | 8     |
| 995   | * 145  |              | 1.5   | 7.4                  |              |            |           |       | 999   | * 103       |              | 3.2   | 6.4                  |              |            |           |       | 1005   | * 84   |              | 5.0         | 3.4                  |              |            |           |       |



# UPPER AIR

APRIL 1995

| 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 | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
|   |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| <b>EUROPE - IRELAND</b><br>VALENTIA OBSERVATORY<br>03953 APR 1995 5156N 01015W OB /                 |        |              |       |                      |              |             |           |       | <b>EUROPE - ICELAND</b><br>KEFLAVIKURPLUGVOLLUR<br>04018 APR 1995 6358N 02236W OB 3 |        |              |       |                      |              |             |           |       | <b>EUROPE - DENMARK &amp; FAROE IS.</b><br>THORSHAVN<br>06011 APR 1995 6201N 00646W OB 3 |        |              |       |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 030   | 23749  | 0            | -56.6 |                      | 1            | 9           | 196       | 1     | 030   | 23646  | 3            | -51.0 | 31.8                 | 3            | 70          | 236       | 11    | 030  | 23665  | 0            | -53.6 | 28.7                 | 1            | 71          | 268       | 9     |          |        |              |      |                      |              |            |           |       |
| 050   | 20495  | 0            | -57.1 |                      | 0            | 36          | 262       | 2     | 050   | 20353  | 0            | -54.5 | 30.6                 | 0            | 86          | 259       | 13    | 050  | 20390  | 0            | -53.7 | 28.6                 | 0            | 73          | 263       | 11    |          |        |              |      |                      |              |            |           |       |
| 100   | 16111  | 0            | -57.2 |                      | 0            | 58          | 280       | 6     | 100   | 15935  | 0            | -56.2 | 28.7                 | 0            | 85          | 274       | 13    | 100  | 15951  | 0            | -54.9 | 27.8                 | 0            | 82          | 272       | 14    |          |        |              |      |                      |              |            |           |       |
| 150   | 13549  | 0            | -58.1 |                      | 0            | 62          | 283       | 8     | 150   | 13349  | 0            | -54.3 | 27.7                 | 0            | 81          | 273       | 15    | 150  | 13359  | 0            | -54.3 | 26.0                 | 0            | 89          | 284       | 16    |          |        |              |      |                      |              |            |           |       |
| 200   | 11754  | 0            | -60.5 | 14.3                 | 0            | 62          | 283       | 11    | 200   | 11506  | 0            | -54.9 | 23.5                 | 0            | 79          | 273       | 18    | 200  | 11520  | 0            | -55.7 | 20.2                 | 0            | 87          | 285       | 22    |          |        |              |      |                      |              |            |           |       |
| 300   | 9169   | 0            | -48.4 | 11.5                 | 0            | 53          | 279       | 9     | 300   | 8902   | 0            | -50.4 | 14.2                 | 0            | 76          | 269       | 22    | 300  | 8930   | 0            | -51.0 | 11.3                 | 0            | 82          | 288       | 28    |          |        |              |      |                      |              |            |           |       |
| 500   | 5617   | 0            | -22.2 | 14.4                 | 0            | 50          | 278       | 7     | 500   | 5416   | 0            | -28.5 | 12.5                 | 0            | 68          | 271       | 13    | 500  | 5434   | 0            | -26.7 | 10.7                 | 0            | 79          | 287       | 19    |          |        |              |      |                      |              |            |           |       |
| 700   | 3058   | 0            | -5.2  | 11.3                 | 0            | 45          | 287       | 5     | 700   | 2930   | 0            | -13.9 | 11.3                 | 0            | 49          | 279       | 6     | 700  | 2934   | 0            | -12.6 | 13.6                 | 0            | 70          | 290       | 10    |          |        |              |      |                      |              |            |           |       |
| 850   | 1507   | 0            | 3.3   | 11.5                 | 0            | 37          | 294       | 4     | 850   | 1437   | 0            | -7.5  | 5.4                  | 0            | 15          | 263       | 2     | 850  | 1433   | 0            | -6.0  | 5.2                  | 0            | 46          | 306       | 6     |          |        |              |      |                      |              |            |           |       |
| 1020  | * 14   |              | 9.6   | 2.3                  |              |             |           |       | 1015  | * 54   |              | 1.5   | 4.8                  |              |             |           |       | 1011   | * 55   |              | 3.1   | 2.1                  |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| <b>EUROPE - DENMARK &amp; FAROE IS.</b><br>ROBENHAVN/JAEGERSBOG<br>06181 APR 1995 5546N 01232E OB 3 |        |              |       |                      |              |             |           |       | <b>EUROPE - SWITZERLAND</b><br>PAYERNE<br>06610 APR 1995 4649N 00657E OB /          |        |              |       |                      |              |             |           |       | <b>EUROPE - FRANCE</b><br>NANCY/ESSEY<br>07180 APR 1995 4841N 00613E OB 3                |        |              |       |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 030   | 23700  | 0            | -54.6 | 29.7                 | 0            | 55          | 279       | 5     | 030   | 23741  | 0            | -55.1 |                      | 1            | 42          | 104       | 2     | 030  |        |              |       |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 050   | 20438  | 0            | -55.2 | 29.4                 | 0            | 56          | 274       | 5     | 050   | 20493  | 0            | -56.8 |                      | 0            | 10          | 32        | 1     | 050  | 20515  | 6            | -56.8 |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 100   | 16015  | 0            | -54.7 | 29.3                 | 0            | 67          | 291       | 8     | 100   | 16112  | 0            | -56.9 |                      | 0            | 37          | 302       | 4     | 100  | 16128  | 2            | -56.9 |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 150   | 13414  | 0            | -53.7 | 28.2                 | 0            | 62          | 298       | 11    | 150   | 13544  | 0            | -57.1 |                      | 0            | 48          | 314       | 7     | 150  | 13555  | 2            | -56.6 |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 200   | 11571  | 0            | -55.7 | 20.0                 | 0            | 64          | 306       | 15    | 200   | 11738  | 0            | -60.1 | 9.8                  | 0            | 45          | 324       | 10    | 200  | 11742  | 2            | -60.2 |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 300   | 8978   | 0            | -49.6 | 13.3                 | 0            | 61          | 301       | 19    | 300   | 9166   | 0            | -48.9 | 10.3                 | 0            | 38          | 339       | 10    | 300  | 9166   | 1            | -48.3 |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 500   | 5460   | 0            | -25.6 | 11.2                 | 0            | 59          | 300       | 13    | 500   | 5603   | 0            | -20.8 | 13.1                 | 0            | 35          | 324       | 6     | 500  | 5593   | 0            | -20.9 | 12.2                 | 9            | 73          | 343       | 14    |          |        |              |      |                      |              |            |           |       |
| 700   | 2942   | 0            | -9.9  | 8.8                  | 0            | 55          | 301       | 8     | 700   | 3036   | 0            | -5.0  | 10.2                 | 0            | 18          | 333       | 2     | 700  | 3027   | 0            | -5.3  | 9.5                  | 1            | 36          | 329       | 5     |          |        |              |      |                      |              |            |           |       |
| 850   | 1421   | 0            | -1.8  | 5.7                  | 1            | 42          | 299       | 5     | 850   | 1486   | 0            | 3.2   | 6.2                  | 0            | 9           | 258       | 1     | 850  | 1479   | 0            | 2.5   | 5.4                  | 0            | 24          | 328       | 2     |          |        |              |      |                      |              |            |           |       |
| 1008  | * 40   |              | 6.6   | 3.7                  |              |             |           |       | 960   | * 491  |              | 9.3   | 5.6                  |              |             |           |       | 992  | * 217  |              | 12.3  | 7.6                  |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| <b>EUROPE - FRANCE</b><br>LYON/SATOLAS<br>07481 APR 1995 4544N 00505E OB 3                          |        |              |       |                      |              |             |           |       | <b>EUROPE - FRANCE</b><br>BORDEAUX/MERIGNAC<br>07510 APR 1995 4450N 00042W OB 3     |        |              |       |                      |              |             |           |       | <b>EUROPE - FRANCE</b><br>AJACCIO<br>07761 APR 1995 4155N 00848E OB 3                    |        |              |       |                      |              |             |           |       |          |        |              |      |                      |              |            |           |       |
| 030   | 23737  | 7            | -55.3 |                      |              |             |           |       | 030   | 23755  | 3            | -55.2 |                      | 4            | 22          | 70        | 1     | 030  | 23721  | 5            | -55.9 |                      |              | 9           | 55        | 117   | 3        |        |              |      |                      |              |            |           |       |
| 050   | 20489  | 2            | -57.6 |                      | 7            | 30          | 27        | 2     | 050   | 20512  | 4            | -57.7 |                      | 5            | 18          | 359       | 1     | 050  | 20489  | 1            | -58.1 |                      |              | 2           | 27        | 327   | 2        |        |              |      |                      |              |            |           |       |
| 100   | 16124  | 2            | -57.7 |                      | 6            | 47          | 318       | 4     | 100   | 16143  | 1            | -58.4 |                      | 2            | 47          | 310       | 5     | 100  | 16137  | 1            | -58.5 |                      |              | 2           | 70        | 285   | 7        |        |              |      |                      |              |            |           |       |
| 150   | 13565  | 0            | -57.6 |                      | 4            | 52          | 321       | 8     | 150   | 13589  | 0            | -58.6 |                      | 3            | 60          | 318       | 8     | 150  | 13575  | 0            | -57.4 |                      |              | 1           | 68        | 293   | 10       |        |              |      |                      |              |            |           |       |
| 200   | 11765  | 0            | -60.1 |                      | 4            | 50          | 329       | 11    | 200   | 11802  | 0            | -61.3 |                      | 1            | 41          | 327       | 8     | 200  | 11769  | 0            | -59.0 |                      |              | 1           | 49        | 309   | 9        |        |              |      |                      |              |            |           |       |
| 300   | 9189   | 0            | -47.7 |                      | 4            | 40          | 349       | 10    | 300   | 9228   | 1            | -46.7 |                      | 1            | 26          | 333       | 6     | 300  | 9176   | 0            | -47.7 |                      |              | 1           | 44        | 336   | 9        |        |              |      |                      |              |            |           |       |
| 500   | 5616   | 0            | -20.3 | 14.6                 | 3            | 24          | 354       | 4     | 500   | 5637   | 0            | -20.3 | 11.7                 | 0            | 36          | 351       | 5     | 500  | 5607   | 0            | -20.8 | 12.5                 | 2            | 35          | 317       | 5     |          |        |              |      |                      |              |            |           |       |
| 700   | 3040   | 0            | -4.3  | 11.8                 | 1            | 30          | 15        | 4     | 700   | 3058   | 0            | -3.4  | 14.3                 | 0            | 39          | 349       | 4     | 700  | 3032   | 0            | -4.1  | 10.0                 | 1            | 18          | 275       | 2     |          |        |              |      |                      |              |            |           |       |
| 850   | 1486   | 0            | 3.6   | 7.2                  | 1            | 33          | 360       | 3     | 850   | 1497   | 0            | 5.1   | 11.6                 | 0            | 36          | 348       | 3     | 850  | 1474   | 0            | 5.3   | 8.9                  | 2            | 50          | 220       | 3     |          |        |              |      |                      |              |            |           |       |
| 990   | * 240  |              | 12.8  | 8.1                  |              |             |           |       | 1013  | * 61   |              | 10.0  | 4.1                  |              |             |           |       | 1014   | * 9    |              | 16.6  | 7.0                  |              |             |           |       |          |        |              |      |                      |              |            |           |       |

# UPPER AIR

APRIL 1995

| 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 |
|   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>EUROPE - SPAIN</b><br><b>LA CORUNA</b><br>08001 APR 1995 4322N 00825W OB 3   |        |              |       |                      |              |             |           |       | <b>EUROPE - SPAIN</b><br><b>MADRID/BARAJAS</b><br>08221 APR 1995 4030N 00335W OB 3 |        |              |       |                      |              |             |           |       | <b>EUROPE - SPAIN</b><br><b>PALMA DE MALLORCA</b><br>08301 APR 1995 3933N 00237E OB 3            |        |              |       |                      |              |             |           |       |
| 030   | 23750  |              | -54.7 | 29.5                 | 9            | 76          | 104       | 9     | 030  | 23728  | 0            | -55.7 |                      | 0            | 44          | 68        | 2     | 030  | 23719  | 4            | -54.3 |                      | 4            | 37          | 99        | 2     |
| 050   | 20503  | 21           | -57.3 | 30.0                 | 9            | 9           | 304       | 1     | 050  | 20499  | 0            | -58.8 |                      | 0            | 11          | 135       | 1     | 050  | 20491  | 1            | -58.7 |                      | 1            | 45          | 234       | 2     |
| 100   | 16158  | 8            | -59.0 | 30.1                 | 9            | 62          | 305       | 8     | 100  | 16167  | 0            | -60.9 |                      | 0            | 56          | 277       | 4     | 100  | 16155  | 1            | -59.6 |                      | 1            | 82          | 272       | 10    |
| 150   | 13610  | 6            | -58.5 | 25.5                 | 7            | 59          | 296       | 12    | 150  | 13624  | 0            | -50.4 |                      | 0            | 52          | 286       | 5     | 150  | 13613  | 0            | -58.1 |                      | 0            | 79          | 277       | 11    |
| 200   | 11818  | 6            | -60.6 | 17.7                 | 7            | 26          | 292       | 8     | 200  | 11828  | 0            | -60.1 |                      | 0            | 27          | 292       | 4     | 200  | 11808  | 0            | -59.7 |                      | 0            | 44          | 293       | 8     |
| 300   | 9225   | 4            | -46.8 | 16.6                 | 6            | 16          | 302       | 5     | 300  | 9229   | 0            | -46.7 | 14.4                 | 0            | 18          | 338       | 3     | 300  | 9220   | 0            | -47.5 | 14.2                 | 0            | 23          | 316       | 5     |
| 500   | 5655   | 3            | -20.3 | 20.0                 | 4            | 14          | 4         | 3     | 500  | 5653   | 0            | -20.1 | 17.2                 | 0            | 22          | 353       | 2     | 500  | 5636   | 0            | -19.6 | 14.6                 | 0            | 25          | 306       | 3     |
| 700   | 3074   | 3            | -2.8  | 19.8                 | 5            | 25          |           | 3     | 700  | 3071   | 0            | -2.6  | 12.7                 | 0            | 32          | 4         | 2     | 700  | 3115   | 0            | -3.0  | 14.6                 | 0            | 35          | 307       | 3     |
| 850   | 1506   | 3            | 7.3   | 17.9                 | 5            | 44          | 62        | 6     | 850  | 1502   | 0            | 8.1   | 13.7                 | 0            | 18          | 360       | 1     | 850  | 1464   | 0            | 6.4   | 4.2                  | 0            | 24          | 284       | 2     |
| 1010  | * 67   |              | 13.2  | 6.2                  |              |             |           |       | 944  | * 633  |              | 13.5  | 12.8                 |              |             |           |       | 1016   | * 6    |              | 15.4  | 4.9                  |              |             |           |       |
| <b>EUROPE - SPAIN</b><br><b>MURCIA</b><br>08430 APR 1995 3800N 00110W OB 3      |        |              |       |                      |              |             |           |       | <b>EUROPE - GIBRALTAR</b><br><b>GIBRALTAR</b><br>08495 APR 1995 3609N 00520W OB /  |        |              |       |                      |              |             |           |       | <b>EUROPE - PORTUGAL</b><br><b>LAJES/SANTA RITA (ACORES)</b><br>08508 APR 1995 3844N 02704W OB 3 |        |              |       |                      |              |             |           |       |
| 030   | 23718  | 16           | -56.3 | 31.3                 | 9            | 24          | 98        | 1     | 030  | 23709  | 0            | -56.2 |                      | 0            | 43          | 127       | 2     | 030  | 23755  | 5            | -56.4 |                      | 5            | 35          | 6         | 1     |
| 050   | 20492  | 6            | -59.5 | 30.4                 | 9            | 43          | 261       | 2     | 050  | 20496  | 0            | -59.9 |                      | 0            | 51          | 260       | 3     | 050  | 20545  | 2            | -60.8 |                      | 2            | 47          | 304       | 2     |
| 100   | 16180  | 4            | -60.7 | 30.3                 | 6            | 91          | 275       | 11    | 100  | 16208  | 0            | -61.4 |                      | 0            | 94          | 271       | 14    | 100  | 16262  | 0            | -61.6 |                      | 0            | 82          | 280       | 10    |
| 150   | 13641  | 1            | -58.2 | 29.5                 | 5            | 85          | 276       | 11    | 150  | 13671  | 0            | -57.8 |                      | 0            | 92          | 272       | 15    | 150  | 13740  | 0            | -60.6 |                      | 0            | 80          | 282       | 14    |
| 200   | 11836  | 1            | -59.2 | 19.6                 | 4            | 45          | 274       | 7     | 200  | 11861  | 0            | -58.5 |                      | 0            | 70          | 274       | 12    | 200  | 11963  | 0            | -61.8 |                      | 0            | 69          | 288       | 16    |
| 300   | 9239   | 1            | -46.6 | 16.3                 | 4            | 23          | 269       | 4     | 300  | 9263   | 0            | -46.3 |                      | 0            | 51          | 276       | 10    | 300  | 9360   | 0            | -43.7 | .9                   | 0            | 57          | 286       | 12    |
| 500   | 5650   | 1            | -19.4 | 20.6                 | 1            | 20          | 287       | 3     | 500  | 5664   | 0            | -18.8 | 16.2                 | 0            | 31          | 279       | 4     | 500  | 5722   | 0            | -16.3 | 18.9                 | 0            | 48          | 268       | 7     |
| 700   | 3064   | 1            | -2.4  | 16.4                 | 1            | 15          | 319       | 1     | 700  | 3070   | 0            | -1.2  | 18.5                 | 0            | 7           | 178       | 1     | 700  | 3103   | 0            | .6    | 20.9                 | 0            | 41          | 258       | 4     |
| 850   | 1495   | 1            | 7.5   | 13.9                 | 1            | 7           | 37        | 1     | 850  | 1496   | 0            | 7.9   | 14.5                 | 0            | 26          | 101       | 3     | 850  | 1524   | 0            | 7.1   | 8.6                  | 0            | 39          | 245       | 3     |
| 1009  | * 62   |              | 16.7  | 10.5                 |              |             |           |       | 1016   | * 4    |              | 16.6  | 6.5                  |              |             |           |       | 1007   | * 113  |              | 15.5  | 4.6                  |              |             |           |       |
| <b>EUROPE - GERMANY</b><br><b>SCHLESWIG</b><br>10035 APR 1995 5432N 00933E OB / |        |              |       |                      |              |             |           |       | <b>EUROPE - GERMANY</b><br><b>GREIFSWALD</b><br>10184 APR 1995 5406N 01324E OB /   |        |              |       |                      |              |             |           |       | <b>EUROPE - GERMANY</b><br><b>HANNOVER</b><br>10338 APR 1995 5228N 00942E OB /                   |        |              |       |                      |              |             |           |       |
| 030   | 23746  | 0            | -54.6 |                      | 2            | 24          | 252       | 2     | 030  | 23713  | 0            | -54.5 |                      | 0            | 29          | 279       | 4     | 030  | 23739  | 0            | -54.6 |                      | 0            | 13          | 283       | 1     |
| 050   | 20479  | 0            | -55.0 |                      | 2            | 34          | 286       | 3     | 050  | 20453  | 0            | -55.7 |                      | 0            | 41          | 274       | 6     | 050  | 20479  | 0            | -55.5 |                      | 0            | 33          | 279       | 3     |
| 100   | 16054  | 0            | -55.1 | 28.2                 | 0            | 61          | 292       | 7     | 100  | 16034  | 0            | -55.2 | 28.2                 | 0            | 58          | 291       | 13    | 100  | 16065  | 0            | -55.4 | 30.2                 | 0            | 53          | 292       | 6     |
| 150   | 13459  | 0            | -54.0 | 24.4                 | 0            | 60          | 299       | 10    | 150  | 13437  | 0            | -54.1 | 24.7                 | 0            | 58          | 302       | 18    | 150  | 13478  | 0            | -54.8 | 26.8                 | 0            | 56          | 308       | 10    |
| 200   | 11624  | 0            | -57.2 | 17.6                 | 0            | 61          | 307       | 15    | 200  | 11596  | 0            | -56.5 | 17.5                 | 0            | 61          | 310       | 28    | 200  | 11648  | 0            | -57.7 | 17.7                 | 0            | 58          | 315       | 14    |
| 300   | 9035   | 0            | -49.4 | 12.4                 | 0            | 64          | 304       | 21    | 300  | 9010   | 0            | -50.0 | 11.6                 | 0            | 57          | 310       | 35    | 300  | 9068   | 0            | -49.7 | 11.5                 | 0            | 57          | 311       | 18    |
| 500   | 5502   | 0            | -24.2 | 12.0                 | 0            | 64          | 304       | 15    | 500  | 5483   | 0            | -24.4 | 12.5                 | 0            | 54          | 300       | 23    | 500  | 5527   | 0            | -23.3 | 11.6                 | 0            | 56          | 308       | 12    |
| 700   | 2970   | 0            | -8.5  | 10.3                 | 0            | 60          | 308       | 9     | 700  | 2954   | 0            | -9.2  | 8.9                  | 0            | 51          | 300       | 15    | 700  | 2983   | 0            | -7.6  | 12.8                 | 0            | 56          | 311       | 8     |
| 850   | 1438   | 0            | -.2   | 5.6                  | 0            | 45          | 297       | 6     | 850  | 1427   | 0            | -.8   | 6.5                  | 0            | 40          | 301       | 9     | 850  | 1448   | 0            | .7    | 7.1                  | 0            | 49          | 303       | 6     |
| 1009  | * 48   |              | 7.3   | 4.0                  |              |             |           |       | 1013   | * 6    |              | 7.1   | 4.5                  |              |             |           |       | 1009   | * 55   |              | 9.0   | 4.5                  |              |             |           |       |

# UPPER AIR

## APRIL 1995

| 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                  |              | %          | °         | mpe   | hPa   | gpm         |              | ° C   | ° C                  |              | %          | °         | mpe   | hPa  | gpm    |              | ° C         | ° C                  |              | %          | °         | mpe   |
| <b>EUROPE - GERMANY<br/>LINDENBERG</b><br>10393 APR 1995 5213N 01407E OB /      |        |              |       |                      |              |            |           |       | <b>EUROPE - GERMANY<br/>ESSEN</b><br>10410 APR 1995 5124N 00658E OB /                   |             |              |       |                      |              |            |           |       | <b>EUROPE - GERMANY<br/>DRESDEN-WAHNSDORF</b><br>10486 APR 1995 5107N 01341E OB /          |        |              |             |                      |              |            |           |       |
| 030   | 23729  | 0            | -55.0 |                      | 0            | 5          | 282       | 1     | 030   | 23731       | 0            | -55.0 |                      | 0            | 8          | 53        | 1     | 030  | 23731  | 0            | -54.9       |                      | 0            | 10         | 30        | 1     |
| 050   | 20468  | 0            | -55.4 |                      | 0            | 27         | 259       | 4     | 050   | 20476       | 0            | -56.0 |                      | 0            | 25         | 276       | 2     | 050  | 20474  | 0            | -56.0       |                      | 0            | 20         | 244       | 3     |
| 100   | 16049  | 0            | -55.2 | 29.6                 | 0            | 57         | 297       | 12    | 100   | 16076       | 0            | -56.6 | 27.3                 | 0            | 50         | 296       | 6     | 100  | 16066  | 0            | -55.4       | 27.5                 | 0            | 55         | 296       | 11    |
| 150   | 13453  | 0            | -54.3 | 25.7                 | 0            | 54         | 305       | 16    | 150   | 13497       | 0            | -55.9 | 22.8                 | 0            | 55         | 307       | 10    | 150  | 13473  | 0            | -54.2       | 25.3                 | 0            | 52         | 306       | 15    |
| 200   | 11618  | 0            | -57.3 | 17.4                 | 0            | 58         | 315       | 26    | 200   | 11682       | 0            | -59.2 | 14.5                 | 0            | 57         | 315       | 14    | 200  | 11641  | 0            | -58.1       | 16.7                 | 0            | 59         | 314       | 27    |
| 300   | 9035   | 0            | -49.8 | 11.3                 | 0            | 58         | 319       | 33    | 300   | 9108        | 0            | -49.3 | 10.5                 | 0            | 53         | 310       | 15    | 300  | 9062   | 0            | -49.7       | 10.7                 | 0            | 58         | 322       | 31    |
| 500   | 5504   | 0            | -23.9 | 11.7                 | 0            | 56         | 311       | 23    | 500   | 5557        | 0            | -22.2 | 11.4                 | 0            | 52         | 317       | 11    | 500  | 5525   | 0            | -23.4       | 10.4                 | 0            | 57         | 314       | 23    |
| 700   | 2967   | 0            | -8.4  | 9.5                  | 0            | 53         | 302       | 17    | 700   | 3004        | 0            | -6.6  | 10.2                 | 0            | 52         | 316       | 8     | 700  | 2983   | 0            | -7.7        | 7.5                  | 0            | 53         | 309       | 16    |
| 850   | 1434   | 0            | .2    | 6.9                  | 0            | 45         | 309       | 10    | 850   | 1463        | 0            | 1.6   | 8.4                  | 0            | 51         | 311       | 5     | 850  | 1446   | 0            | .9          | 4.9                  | 0            | 48         | 298       | 11    |
| 1000  | * 115  |              | 8.5   | 5.3                  |              |            |           |       | 998   | * 153       |              | 9.5   | 4.5                  |              |            |           |       | 987  | * 232  |              | 8.7         | 4.5                  |              |            |           |       |
| <b>EUROPE - GERMANY<br/>MEININGEN</b><br>10548 APR 1995 5034N 01023E OB /       |        |              |       |                      |              |            |           |       | <b>EUROPE - GERMANY<br/>STUTTGART/SCHNARRENBERG</b><br>10739 APR 1995 4850N 00912E OB / |             |              |       |                      |              |            |           |       | <b>EUROPE - GERMANY<br/>MUENCHEN- OBERSCHLEISSHEIM</b><br>10868 APR 1995 4815N 01133E OB / |        |              |             |                      |              |            |           |       |
| 030   | 23715  | 0            | -55.1 |                      | 0            | 13         | 79        | 2     | 030   | 23730       | 0            | -54.9 |                      | 1            | 21         | 96        | 1     | 030  | 23738  | 0            | -54.9       |                      | 1            | 27         | 104       | 2     |
| 050   | 20462  | 0            | -56.3 |                      | 0            | 6          | 231       | 1     | 050   | 20479       | 0            | -56.8 |                      | 0            | 6          | 352       | 1     | 050  | 20488  | 0            | -56.7       |                      | 1            | 20         | 317       | 2     |
| 100   | 16063  | 0            | -56.2 | 28.4                 | 0            | 49         | 300       | 10    | 100   | 16088       | 0            | -56.4 | 27.7                 | 0            | 43         | 308       | 4     | 100  | 16092  | 0            | -56.1       | 25.8                 | 1            | 52         | 317       | 5     |
| 150   | 13480  | 0            | -55.3 | 25.4                 | 0            | 49         | 312       | 15    | 150   | 13509       | 0            | -56.2 | 22.8                 | 0            | 49         | 314       | 7     | 150  | 13515  | 0            | -55.8       | 22.1                 | 1            | 57         | 315       | 8     |
| 200   | 11658  | 0            | -58.9 | 16.9                 | 0            | 52         | 322       | 23    | 200   | 11695       | 0            | -59.7 | 14.7                 | 0            | 53         | 325       | 12    | 200  | 11690  | 0            | -59.0       | 15.0                 | 1            | 60         | 326       | 13    |
| 300   | 9087   | 0            | -49.9 | 11.1                 | 0            | 53         | 325       | 30    | 300   | 9122        | 0            | -49.3 | 11.1                 | 0            | 55         | 331       | 15    | 300  | 9114   | 0            | -49.3       | 10.5                 | 1            | 61         | 339       | 16    |
| 500   | 5544   | 0            | -22.9 | 12.7                 | 0            | 46         | 320       | 18    | 500   | 5570        | 0            | -21.9 | 12.0                 | 0            | 48         | 321       | 9     | 500  | 5566   | 0            | -22.5       | 10.4                 | 1            | 60         | 327       | 11    |
| 700   | 2997   | 0            | -7.0  | 10.1                 | 0            | 43         | 314       | 11    | 700   | 3014        | 0            | -6.7  | 7.4                  | 0            | 46         | 309       | 6     | 700  | 3015   | 0            | -6.7        | 7.2                  | 1            | 61         | 300       | 7     |
| 850   | 1456   | 0            | 1.6   | 5.8                  | 0            | 45         | 306       | 9     | 850   | 1470        | 0            | 2.4   | 5.5                  | 0            | 51         | 292       | 5     | 850  | 1471   | 0            | 2.7         | 5.3                  | 1            | 74         | 285       | 7     |
| 962   | * 453  |              | 8.2   | 4.5                  |              |            |           |       | 979   | * 315       |              | 10.1  | 7.0                  |              |            |           |       | 959  | * 489  |              | 9.1         | 5.2                  |              |            |           |       |
| <b>EUROPE - AUSTRIA<br/>WIEN/HOHE WARTE</b><br>11035 APR 1995 4815N 01622E OB / |        |              |       |                      |              |            |           |       | <b>EUROPE - CZECHOSLOVAKIA<br/>PRAHA-LIBUS</b><br>11520 APR 1995 5001N 01427E OB /      |             |              |       |                      |              |            |           |       | <b>EUROPE - POLAND<br/>LEBA</b><br>12120 APR 1995 5445N 01732E OB /                        |        |              |             |                      |              |            |           |       |
| 030   | 23734  | 4            | -55.2 |                      | 4            | 27         | 91        | 2     | 030   | 23739       | 0            | -54.7 | 29.2                 | 0            | 8          | 67        | 1     | 030  | 23716  | 0            | -54.6       |                      | 0            | 49         | 283       | 2     |
| 050   | 20485  | 2            | -56.4 |                      | 2            | 9          | 250       | 1     | 050   | 20486       | 0            | -55.9 | 28.8                 | 0            | 18         | 252       | 1     | 050  | 20456  | 0            | -55.1       |                      | 0            | 54         | 265       | 2     |
| 100   | 16082  | 0            | -55.5 |                      | 0            | 53         | 291       | 5     | 100   | 16078       | 0            | -55.2 | 28.8                 | 0            | 53         | 301       | 3     | 100  | 16021  | 0            | -54.0       |                      | 0            | 57         | 282       | 4     |
| 150   | 13493  | 0            | -54.8 |                      | 0            | 61         | 308       | 8     | 150   | 13486       | 0            | -54.4 | 26.2                 | 0            | 56         | 307       | 4     | 150  | 13414  | 0            | -53.0       |                      | 0            | 58         | 292       | 5     |
| 200   | 11666  | 0            | -57.7 |                      | 0            | 63         | 319       | 12    | 200   | 11654       | 0            | -57.6 | 17.5                 | 0            | 60         | 320       | 7     | 200  | 11566  | 0            | -54.8       |                      | 0            | 55         | 304       | 6     |
| 300   | 9078   | 0            | -49.0 |                      | 0            | 60         | 326       | 13    | 300   | 9070        | 0            | -49.3 | 12.1                 | 0            | 61         | 329       | 8     | 300  | 8972   | 0            | -50.4       |                      | 0            | 50         | 312       | 7     |
| 500   | 5535   | 0            | -23.2 | 10.8                 | 0            | 60         | 320       | 10    | 500   | 5530        | 0            | -23.3 | 11.2                 | 0            | 56         | 320       | 6     | 500  | 5458   | 0            | -25.3       | 13.8                 | 0            | 49         | 296       | 5     |
| 700   | 2992   | 0            | -7.2  | 7.5                  | 0            | 61         | 309       | 9     | 700   | 2988        | 0            | -7.4  | 8.8                  | 0            | 53         | 311       | 4     | 700  | 2938   | 0            | -9.9        | 9.5                  | 0            | 39         | 290       | 3     |
| 850   | 1451   | 0            | 2.5   | 5.5                  | 0            | 57         | 301       | 7     | 850   | 1449        | 0            | 1.7   | 6.5                  | 0            | 50         | 296       | 3     | 850  | 1415   | 0            | -1.6        | 5.6                  | 0            | 29         | 282       | 2     |
| 990   | * 200  |              | 11.3  | 5.8                  |              |            |           |       | 978   | * 304       |              | 9.3   | 4.9                  |              |            |           |       | 1012   | * 2    |              | 6.1         | 3.8                  |              |            |           |       |

# 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 |
|   |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>EUROPE - POLAND</b><br><b>LEGIONOWO</b><br>12374 APR 1995 5224N 02058E OB /        |        |              |       |                      |              |             |           |       | <b>EUROPE - POLAND</b><br><b>WROCLAW I</b><br>12425 APR 1995 5108N 01659E OB /    |        |              |       |                      |              |             |           |       | <b>EUROPE - HUNGARY</b><br><b>BUDAPEST/LORINC</b><br>12843 APR 1995 4726N 01911E OB |        |              |       |                      |              |             |           |       |
| 030   | 23729  | 2            | -54.7 | 29.1                 | 2            | 27          | 285       | 1     | 030   | 23716  | 0            | -55.0 | 29.3                 | 0            | 5           | 249       | 0     | 030   | 23727  | 8            | -55.0 |                      | 9            | 29          | 78        | 1     |
| 050   | 20465  | 1            | -55.9 | 28.6                 | 1            | 44          | 265       | 2     | 050   | 20466  | 0            | -56.0 | 28.9                 | 0            | 29          | 261       | 1     | 050   | 20474  | 5            | -56.6 |                      | 6            | 13          | 212       | 1     |
| 100   | 16042  | 0            | -54.0 | 28.2                 | 0            | 50          | 271       | 3     | 100   | 16055  | 0            | -54.8 | 28.4                 | 0            | 56          | 291       | 3     | 100   | 16073  | 1            | -55.4 |                      | 2            | 53          | 288       | 3     |
| 150   | 13434  | 0            | -52.7 | 26.0                 | 0            | 51          | 288       | 4     | 150   | 13457  | 0            | -53.9 | 25.8                 | 0            | 57          | 303       | 4     | 150   | 13481  | 1            | -54.3 |                      | 3            | 64          | 303       | 4     |
| 200   | 11584  | 0            | -54.5 | 19.2                 | 0            | 49          | 308       | 5     | 200   | 11618  | 0            | -56.5 | 17.7                 | 0            | 60          | 315       | 6     | 200   | 11644  | 0            | -56.5 |                      | 2            | 68          | 314       | 6     |
| 300   | 8984   | 0            | -50.3 | 11.7                 | 0            | 44          | 316       | 6     | 300   | 9030   | 0            | -49.8 | 11.6                 | 0            | 64          | 323       | 9     | 300   | 9053   | 0            | -49.7 | 11.3                 | 0            | 61          | 322       | 7     |
| 500   | 5473   | 0            | -25.2 | 11.2                 | 0            | 38          | 313       | 4     | 500   | 5505   | 0            | -24.4 | 10.2                 | 0            | 57          | 312       | 6     | 500   | 5524   | 0            | -24.1 | 10.3                 | 0            | 63          | 317       | 5     |
| 700   | 2948   | 0            | -9.5  | 8.1                  | 0            | 27          | 290       | 2     | 700   | 2972   | 0            | -8.4  | 8.7                  | 0            | 49          | 307       | 4     | 700   | 2987   | 0            | -8.0  | 7.0                  | 0            | 65          | 312       | 4     |
| 850   | 1423   | 0            | -7    | 4.5                  | 0            | 17          | 298       | 1     | 850   | 1440   | 0            | -2    | 5.1                  | 0            | 47          | 291       | 3     | 850   | 1449   | 0            | 2.0   | 6.0                  | 0            | 57          | 311       | 3     |
| 1001  | * 96   |              | 8.4   | 5.9                  |              |             |           |       | 999   | * 116  |              | 9.2   | 6.4                  |              |             |           |       | 997   | * 139  |              | 11.7  | 9.4                  |              |             |           |       |
| <b>EUROPE - CROATIA</b><br><b>ZAGREB/MAKSIMIR</b><br>13130 APR 1995 4549N 01602E OB / |        |              |       |                      |              |             |           |       | <b>EUROPE - ROMANIA</b><br><b>CLUJ-NAPOCA</b><br>15120 APR 1995 4647N 02334E OB / |        |              |       |                      |              |             |           |       | <b>EUROPE - ROMANIA</b><br><b>BUCURESTI/IMH</b><br>15420 APR 1995 4430N 02608E OB / |        |              |       |                      |              |             |           |       |
| 030   | 23771  | 3            | -54.9 |                      | 3            | 28          | 93        | 1     | 030   |        |              |       |                      |              |             |           |       | 030   | 23752  | 3            | -54.8 | 31.8                 | 3            | 8           | 330       | 1     |
| 050   | 20527  | 1            | -56.6 |                      | 1            | 16          | 265       | 1     | 050   |        |              |       |                      |              |             |           |       | 050   | 20501  | 1            | -56.8 | 30.8                 | 1            | 42          | 240       | 1     |
| 100   | 16129  | 0            | -55.4 |                      | 0            | 50          | 300       | 2     | 100   | 16094  | 2            | -54.9 | 23.6                 | 2            | 53          | 171       | 2     | 100   | 16106  | 0            | -54.8 | 30.9                 | 0            | 70          | 250       | 3     |
| 150   | 13537  | 0            | -54.8 |                      | 0            | 60          | 300       | 3     | 150   | 13486  | 0            | -53.1 | 23.0                 | 0            | 66          | 286       | 4     | 150   | 13509  | 0            | -53.4 | 29.7                 | 0            | 79          | 270       | 4     |
| 200   | 11705  | 0            | -56.9 |                      | 0            | 60          | 312       | 4     | 200   | 11638  | 0            | -55.0 | 17.6                 | 0            | 65          | 301       | 5     | 200   | 11663  | 0            | -54.8 | 22.8                 | 0            | 71          | 285       | 5     |
| 300   | 9106   | 0            | -48.5 |                      | 0            | 53          | 325       | 5     | 300   | 9033   | 0            | -49.3 | 11.0                 | 0            | 55          | 307       | 6     | 300   | 9061   | 0            | -49.4 | 12.9                 | 0            | 54          | 295       | 5     |
| 500   | 5561   | 0            | -23.1 | 8.5                  | 0            | 59          | 314       | 4     | 500   | 5505   | 0            | -24.0 | 13.6                 | 0            | 58          | 307       | 4     | 500   | 5534   | 0            | -24.0 | 11.2                 | 0            | 67          | 295       | 4     |
| 700   | 3015   | 0            | -7.0  | 4.5                  | 0            | 55          | 321       | 3     | 700   | 2974   | 0            | -8.6  | 7.3                  | 1            | 68          | 296       | 4     | 700   | 2998   | 0            | -8.1  | 6.7                  | 0            | 57          | 300       | 3     |
| 850   | 1468   | 0            | 3.7   | 5.6                  | 0            | 38          | 302       | 2     | 850   | 1439   | 0            | 2.0   | 7.5                  | 1            | 54          | 293       | 2     | 850   | 1459   | 0            | 2.9   | 7.8                  | 0            | 40          | 285       | 1     |
| 1000  | * 128  |              | 9.0   | 4.7                  |              |             |           |       | 964   | * 413  |              | 6.0   | 2.9                  |              |             |           |       | 1003  | * 91   |              | 7.5   | 6.6                  |              |             |           |       |
| <b>EUROPE - ITALY</b><br><b>PRATICA DI MARE</b><br>16245 APR 1995 4139N 01226E OB /   |        |              |       |                      |              |             |           |       | <b>EUROPE - ITALY</b><br><b>TRAPANI/BIRGI</b><br>16429 APR 1995 3755N 01230E OB / |        |              |       |                      |              |             |           |       | <b>EUROPE - ITALY</b><br><b>CAGLIARI/ELMAS</b><br>16560 APR 1995 3915N 00904E OB /  |        |              |       |                      |              |             |           |       |
| 030   | 23738  | 2            | -55.5 |                      | 2            | 41          | 133       | 2     | 030   | 23738  | 1            | -55.7 | 31.3                 | 1            | 11          | 127       | 1     | 030   | 23733  | 0            | -55.8 | 30.1                 | 0            | 13          | 127       | 1     |
| 050   | 20502  | 2            | -57.8 |                      | 2            | 14          | 242       | 1     | 050   | 20510  | 1            | -58.7 | 30.5                 | 1            | 49          | 274       | 3     | 050   | 20506  | 0            | -58.6 | 29.0                 | 0            | 40          | 263       | 2     |
| 100   | 16130  | 1            | -57.3 |                      | 1            | 67          | 278       | 7     | 100   | 16179  | 0            | -59.4 | 30.3                 | 0            | 88          | 275       | 14    | 100   | 16168  | 0            | -59.2 | 27.7                 | 0            | 83          | 276       | 11    |
| 150   | 13565  | 1            | -56.6 |                      | 1            | 74          | 284       | 10    | 150   | 13623  | 0            | -57.0 | 27.4                 | 0            | 88          | 275       | 18    | 150   | 13616  | 0            | -57.5 | 25.3                 | 0            | 84          | 277       | 14    |
| 200   | 11752  | 1            | -59.0 |                      | 1            | 57          | 295       | 10    | 200   | 11807  | 0            | -58.3 | 19.7                 | 0            | 81          | 276       | 18    | 200   | 11805  | 0            | -58.5 | 18.4                 | 0            | 65          | 285       | 12    |
| 300   | 9159   | 1            | -47.9 |                      | 1            | 40          | 308       | 8     | 300   | 9207   | 0            | -46.9 | 15.3                 | 0            | 65          | 276       | 14    | 300   | 9208   | 0            | -47.0 | 15.7                 | 0            | 48          | 296       | 10    |
| 500   | 5602   | 0            | -21.1 |                      | 0            | 43          | 306       | 6     | 500   | 5624   | 0            | -20.1 | 15.8                 | 0            | 55          | 281       | 8     | 500   | 5629   | 0            | -20.2 | 15.3                 | 0            | 42          | 294       | 6     |
| 700   | 3037   | 0            | -4.7  |                      | 1            | 28          | 284       | 3     | 700   | 3043   | 0            | -3.0  | 14.6                 | 0            | 44          | 276       | 5     | 700   | 3049   | 0            | -3.1  | 15.7                 | 0            | 37          | 284       | 3     |
| 850   | 1479   | 0            | 5.3   |                      | 1            | 22          | 245       | 2     | 850   | 1480   | 0            | 6.2   | 11.9                 | 0            | 19          | 256       | 2     | 850   | 1487   | 0            | 6.0   | 11.5                 | 0            | 25          | 277       | 2     |
| 1012  | * 32   |              | 13.6  | 6.7                  |              |             |           |       | 1014  | * 14   |              | 14.4  | 6.4                  |              |             |           |       | 1016  | * 5    |              | 15.1  | 5.4                  |              |             |           |       |

# 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 |
|  |        |              |       |                      |              |            |           |   |          |             |              |       |                      |              |            |   |       |             |        |              |             |                      |              |            |           |       |
| <b>EUROPE - TURKEY<br/>SAMSUN</b><br>17030 APR 1995 4117N 03620E OB 3    |        |              |       |                      |              |            |           | <b>EUROPE - TURKEY<br/>ISTANBUL/GOZTEPE</b><br>17062 APR 1995 4058N 02905E OB 3 |          |             |              |       |                      |              |            | <b>EUROPE - TURKEY<br/>ANKARA/CENTRAL</b><br>17130 APR 1995 3957N 03253E OB 3 |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23709  | 6            | -57.8 |                      | 6            | 36         | 200       | 3   | 030      | 23782       | 12           | -54.9 |                      | 9            | 60         | 165   | 3     | 030         | 23790  | 4            | -55.3       |                      | 4            | 29         | 185       | 2     |
| 050  | 20496  | 3            | -59.4 |                      | 3            | 67         | 225       | 4   | 050      | 20530       | 6            | -57.5 |                      | 6            | 60         | 210   | 3     | 050         | 20545  | 3            | -57.8       |                      | 3            | 83         | 215       | 5     |
| 100  | 16136  | 0            | -57.0 |                      | 0            | 88         | 240       | 11  | 100      | 16148       | 2            | -56.6 |                      | 3            | 70         | 250   | 7     | 100         | 16172  | 1            | -57.0       |                      | 1            | 86         | 255       | 12    |
| 150  | 13556  | 0            | -55.1 |                      | 0            | 81         | 245       | 11  | 150      | 13564       | 1            | -54.6 |                      | 1            | 79         | 260   | 11    | 150         | 13586  | 0            | -54.7       |                      | 0            | 88         | 260       | 14    |
| 200  | 11723  | 0            | -56.4 |                      | 0            | 74         | 245       | 12  | 200      | 11727       | 1            | -56.3 |                      | 1            | 82         | 260   | 14    | 200         | 11748  | 0            | -56.1       |                      | 0            | 80         | 260       | 16    |
| 300  | 9124   | 0            | -48.8 |                      | 0            | 57         | 235       | 11  | 300      | 9115        | 1            | -48.0 |                      | 1            | 84         | 260   | 16    | 300         | 9137   | 0            | -48.1       |                      | 0            | 61         | 255       | 14    |
| 500  | 5571   | 0            | -22.2 | 6.6                  | 0            | 68         | 235       | 9   | 500      | 5564        | 0            | -22.7 | 9.5                  | 0            | 82         | 240   | 9     | 500         | 5580   | 0            | -21.8       | 9.0                  | 0            | 57         | 255       | 8     |
| 700  | 3012   | 0            | -5.7  | 3.9                  | 0            | 62         | 250       | 5   | 700      | 3011        | 0            | -6.4  | 6.1                  | 0            | 75         | 215   | 6     | 700         | 3020   | 0            | -5.7        | 4.1                  | 6            | 2          | 250       | 5     |
| 850  | 1457   | 0            | 4.5   | 5.3                  | 0            | 60         | 260       | 3   | 850      | 1461        | 0            | 6.0   | 8.4                  | 0            | 80         | 210   | 4     | 850         | 1457   | 0            | 7.4         | 8.0                  | 0            | 80         | 250       | 4     |
| 1014   | * 4    |              | 9.5   | 3.5                  |              |            |           |   | 1010     | * 33        |              | 15.0  | 8.6                  |              |            |   |       | 911         | * 891  |              | 13.6        | 11.6                 |              |            |           |       |
| <b>EUROPE - TURKEY<br/>IZMIR</b><br>17220 APR 1995 3826N 02710E OB 3     |        |              |       |                      |              |            |           | <b>EUROPE - TURKEY<br/>ISPARTA</b><br>17240 APR 1995 3745N 03033E OB 3          |          |             |              |       |                      |              |            | <b>EUROPE - TURKEY<br/>DIYARBAKIR</b><br>17280 APR 1995 3753N 04011E OB 3     |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23718  | 9            | -56.7 |                      | 9            | 80         | 290       | 4   | 030      | 23704       | 6            | -57.0 |                      | 6            | 87         | 250   | 13    | 030         | 23902  | 9            | -53.9       |                      | 9            | 55         | 220       | 6     |
| 050  | 20488  | 4            | -59.5 |                      | 4            | 99         | 260       | 7   | 050      | 20492       | 4            | -59.6 |                      | 4            | 86         | 255   | 12    | 050         | 20629  | 2            | -58.2       |                      | 2            | 73         | 225       | 8     |
| 100  | 16149  | 1            | -58.3 |                      | 2            | 93         | 260       | 14  | 100      | 16159       | 1            | -58.4 |                      | 1            | 90         | 255   | 20    | 100         | 16256  | 0            | -57.1       |                      | 0            | 88         | 235       | 15    |
| 150  | 13582  | 1            | -55.7 |                      | 1            | 89         | 270       | 18  | 150      | 13594       | 1            | -55.7 |                      | 1            | 92         | 255   | 25    | 150         | 13691  | 0            | -54.4       |                      | 0            | 86         | 240       | 19    |
| 200  | 11750  | 0            | -57.2 |                      | 0            | 87         | 270       | 21  | 200      | 11765       | 1            | -56.8 |                      | 1            | 89         | 260   | 26    | 200         | 11847  | 0            | -56.6       |                      | 0            | 84         | 240       | 22    |
| 300  | 9151   | 0            | -47.9 |                      | 0            | 77         | 280       | 21  | 300      | 9154        | 1            | -47.5 |                      | 1            | 74         | 270   | 21    | 300         | 9227   | 0            | -45.6       |                      | 0            | 76         | 235       | 20    |
| 500  | 5586   | 0            | -21.0 | 11.8                 | 0            | 67         | 270       | 10  | 500      | 5585        | 0            | -21.1 | 10.7                 | 0            | 67         | 260   | 12    | 500         | 5634   | 0            | -19.5       | 9.7                  | 0            | 73         | 230       | 11    |
| 700  | 3018   | 0            | -4.8  | 11.3                 | 0            | 56         | 280       | 5   | 700      | 3020        | 0            | -5.1  | 5.3                  | 0            | 60         | 250   | 6     | 700         | 3046   | 0            | -2.5        | 4.9                  | 0            | 60         | 210       | 6     |
| 850  | 1464   | 0            | 5.0   | 9.0                  | 0            | 50         | 260       | 3   | 850      | 1464        | 0            | 5.2   | 5.9                  | 0            | 50         | 230   | 2     | 850         | 1468   | 0            | 9.7         | 6.7                  | 0            | 40         | 190       | 2     |
| 1011   | * 25   |              | 12.0  | 4.9                  |              |            |           |   | 900      | * 997       |              | 6.3   | 6.2                  |              |            |   |       | 936         | * 677  |              | 18.1        | 9.9                  |              |            |           |       |
| <b>EUROPE - CYPRUS<br/>ATHALASSA</b><br>17607 APR 1995 3509N 03324E OB / |        |              |       |                      |              |            |           | <b>EUROPE - USSR<br/>MURMANSK</b><br>22113 APR 1995 6858N 03303E OB 3           |          |             |              |       |                      |              |            | <b>EUROPE - USSR<br/>ARHANGEL'SK</b><br>22550 APR 1995 6435N 04030E OB 3      |       |             |        |              |             |                      |              |            |           |       |
| 030  |        |              |       |                      |              |            |           |   | 030      | 23524       | 3            | -53.4 | 12.8                 | 4            | 52         | 243   | 4     | 030         | 23712  | 1            | -53.5       | 11.2                 | 1            | 67         | 239       | 5     |
| 050  |        |              |       |                      |              |            |           |   | 050      | 20254       | 2            | -54.9 | 11.7                 | 3            | 71         | 244   | 5     | 050         | 20396  | 1            | -55.3       | 9.9                  | 1            | 84         | 247       | 6     |
| 100  | 16257  | 6            | -60.1 |                      | 1            | 95         | 263       | 20  | 100      | 15814       | 1            | -54.0 | 10.4                 | 1            | 84         | 241   | 5     | 100         | 15950  | 0            | -53.9       | 8.8                  | 0            | 85         | 247       | 7     |
| 150  | 13688  | 0            | -56.6 |                      | 0            | 96         | 262       | 27  | 150      | 13197       | 1            | -51.8 | 9.4                  | 1            | 84         | 237   | 5     | 150         | 13340  | 0            | -52.8       | 7.7                  | 0            | 85         | 243       | 8     |
| 200  | 11865  | 0            | -57.2 |                      | 0            | 95         | 264       | 29  | 200      | 11332       | 1            | -50.7 | 8.4                  | 1            | 80         | 238   | 6     | 200         | 11483  | 0            | -53.2       | 6.5                  | 0            | 84         | 239       | 9     |
| 300  | 9250   | 0            | -45.6 |                      | 0            | 84         | 264       | 25  | 300      | 8706        | 0            | -51.3 | 6.2                  | 0            | 76         | 240   | 7     | 300         | 8882   | 0            | -51.2       | 5.6                  | 0            | 79         | 238       | 12    |
| 500  | 5647   | 0            | -18.4 | 14.0                 | 0            | 83         | 260       | 15  | 500      | 5285        | 0            | -33.5 | 5.5                  | 0            | 71         | 242   | 6     | 500         | 5402   | 0            | -28.5       | 7.0                  | 0            | 79         | 237       | 8     |
| 700  | 3053   | 0            | -1.8  | 12.0                 | 0            | 68         | 257       | 7   | 700      | 2846        | 0            | -17.9 | 4.8                  | 0            | 63         | 237   | 4     | 700         | 2912   | 0            | -13.1       | 7.5                  | 0            | 73         | 232       | 5     |
| 850  | 1482   | 0            | 8.5   | 8.0                  | 0            | 36         | 270       | 2   | 850      | 1368        | 0            | -8.9  | 2.6                  | 0            | 61         | 245   | 3     | 850         | 1410   | 0            | -5.0        | 5.0                  | 0            | 57         | 223       | 3     |
| 993  | * 161  |              | 22.9  | 18.0                 |              |            |           |   | 996      | * 46        |              | -5    | 4.7                  |              |            |   |       | 1014        | * 13   |              | 2.7         | 6.0                  |              |            |           |       |

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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 |
|   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>EUROPE - USSR</b><br><b>ST. PETERBURG (WOEYKOWO)</b><br>26063 APR 1995 5958N 03018E OB 3 |        |              |       |                      |              |             |           |       | <b>EUROPE - USSR</b><br><b>KAUNAS</b><br>26629 APR 1995 5453N 02353E OB 3      |        |              |       |                      |              |             |           |       | <b>EUROPE - USSR</b><br><b>VOLOGDA</b><br>27037 APR 1995 5917N 03952E OB 3                    |        |              |       |                      |              |             |           |       |
| 030   | 23695  | 2            | -55.3 | 10.4                 | 2            | 76          | 269       | 6     | 030  | 23710  | 0            | -55.1 | 31.8                 | 0            | 34          | 267       | 1     | 030   | 23741  | 4            | -54.8 |                      | 5            | 57          | 275       | 4     |
| 050   | 20438  | 2            | -54.8 | 9.9                  | 2            | 79          | 255       | 6     | 050  | 20444  | 0            | -55.2 | 31.0                 | 0            | 54          | 247       | 2     | 050   | 20478  | 2            | -55.4 |                      | 4            | 74          | 263       | 4     |
| 100   | 15997  | 1            | -53.2 | 8.8                  | 1            | 84          | 242       | 6     | 100  | 16011  | 0            | -53.6 | 30.4                 | 0            | 63          | 252       | 4     | 100   | 16057  | 2            | -54.1 |                      | 2            | 86          | 242       | 6     |
| 150   | 13373  | 0            | -52.2 | 7.9                  | 1            | 81          | 238       | 6     | 150  | 13394  | 0            | -52.8 | 30.1                 | 0            | 50          | 264       | 4     | 150   | 13445  | 2            | -53.0 |                      | 2            | 86          | 235       | 7     |
| 200   | 11524  | 0            | -53.6 | 6.6                  | 0            | 81          | 235       | 7     | 200  | 11540  | 0            | -54.2 | 23.3                 | 0            | 45          | 275       | 4     | 200   | 11601  | 2            | -55.3 |                      | 2            | 86          | 229       | 9     |
| 300   | 8929   | 0            | -50.3 | 5.6                  | 0            | 72          | 230       | 7     | 300  | 8941   | 0            | -51.1 | 13.0                 | 0            | 34          | 278       | 4     | 300   | 9020   | 2            | -51.0 |                      | 2            | 81          | 224       | 10    |
| 500   | 5432   | 0            | -27.2 | 6.0                  | 0            | 71          | 226       | 5     | 500  | 5444   | 0            | -26.1 | 14.6                 | 0            | 30          | 271       | 3     | 500   | 5508   | 2            | -25.0 | 6.3                  | 2            | 76          | 218       | 7     |
| 700   | 2922   | 0            | -10.7 | 5.7                  | 0            | 69          | 219       | 4     | 700  | 2931   | 0            | -10.6 | 9.0                  | 0            | 26          | 266       | 2     | 700   | 2976   | 2            | -8.4  | 5.2                  | 2            | 73          | 217       | 5     |
| 850   | 1406   | 0            | -2.6  | 4.9                  | 0            | 55          | 218       | 2     | 850  | 1410   | 0            | -1.4  | 5.4                  | 0            | 23          | 267       | 1     | 850   | 1442   | 2            | .9    | 5.4                  | 2            | 62          | 201       | 4     |
| 1003  | * 4    |              | 4.5   | 5.4                  |              |             |           |       | 1002   | * 75   |              | 7.4   | 5.5                  |              |             |           |       | 998   | * 118  |              | 7.3   | 6.8                  |              |             |           |       |
| <b>EUROPE - USSR</b><br><b>KAZAN'</b><br>27595 APR 1995 5547N 04911E OB 3                   |        |              |       |                      |              |             |           |       | <b>EUROPE - USSR</b><br><b>MOSKVA</b><br>27612 APR 1995 5545N 03734E OB /      |        |              |       |                      |              |             |           |       | <b>EUROPE - USSR</b><br><b>SARATOV</b><br>34172 APR 1995 5134N 04602E OB 3                    |        |              |       |                      |              |             |           |       |
| 030   | 23831  | 1            | -55.3 | 11.1                 | 1            | 30          | 286       | 2     | 030  | 23690  | 1            | -56.3 | 9.7                  | 1            | 56          | 273       | 3     | 030   | 23794  | 0            | -56.2 | 8.9                  | 1            | 27          | 271       | 1     |
| 050   | 20572  | 1            | -56.5 | 10.1                 | 1            | 67          | 258       | 3     | 050  | 20460  | 0            | -56.3 | 9.4                  | 0            | 68          | 251       | 3     | 050   | 20561  | 0            | -57.4 | 8.3                  | 0            | 59          | 239       | 2     |
| 100   | 16164  | 0            | -55.6 | 8.8                  | 0            | 82          | 252       | 6     | 100  | 16046  | 0            | -54.3 | 8.4                  | 0            | 84          | 233       | 5     | 100   | 16174  | 0            | -55.9 | 7.4                  | 0            | 84          | 224       | 5     |
| 150   | 13575  | 0            | -55.1 | 7.5                  | 0            | 86          | 236       | 7     | 150  | 13441  | 0            | -53.5 | 7.1                  | 0            | 83          | 222       | 6     | 150   | 13589  | 0            | -56.0 | 6.4                  | 0            | 86          | 217       | 6     |
| 200   | 11750  | 0            | -58.5 | 6.2                  | 0            | 83          | 235       | 8     | 200  | 11596  | 0            | -55.6 | 5.8                  | 0            | 86          | 212       | 7     | 200   | 11767  | 0            | -58.7 | 5.6                  | 0            | 82          | 212       | 8     |
| 300   | 9147   | 0            | -48.6 | 6.5                  | 0            | 72          | 227       | 8     | 300  | 9008   | 0            | -50.5 | 5.2                  | 0            | 77          | 201       | 8     | 300   | 9174   | 0            | -47.0 | 5.8                  | 0            | 75          | 203       | 8     |
| 500   | 5601   | 0            | -22.3 | 9.9                  | 0            | 70          | 215       | 6     | 500  | 5490   | 0            | -24.9 | 7.0                  | 0            | 77          | 198       | 6     | 500   | 5598   | 0            | -21.0 | 8.2                  | 0            | 74          | 193       | 5     |
| 700   | 3047   | 0            | -6.1  | 8.4                  | 0            | 73          | 210       | 5     | 700  | 2958   | 0            | -8.1  | 7.0                  | 0            | 62          | 193       | 4     | 700   | 3031   | 0            | -4.8  | 7.2                  | 0            | 69          | 183       | 4     |
| 850   | 1499   | 0            | 3.9   | 8.6                  | 0            | 72          | 194       | 4     | 850  | 1424   | 0            | .9    | 6.5                  | 0            | 44          | 186       | 2     | 850   | 1475   | 0            | 5.3   | 9.5                  | 0            | 64          | 175       | 4     |
| 1004  | * 64   |              | 11.4  | 8.7                  |              |             |           |       | 989  | * 156  |              | 8.8   | 5.9                  |              |             |           |       | 995   | * 156  |              | 13.5  | 10.3                 |              |             |           |       |
| <b>EUROPE - USSR</b><br><b>ROSTOV-NA-DONU</b><br>34731 APR 1995 4715N 03949E OB 3           |        |              |       |                      |              |             |           |       | <b>EUROPE - ISRAEL</b><br><b>BET DAGAN</b><br>40179 APR 1995 3200N 03449E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>POLAR GHO IM.E.T. KRENKELJA(</b><br>20046 APR 1995 8037N 05803E OB 3 |        |              |       |                      |              |             |           |       |
| 030   | 23793  | 1            | -55.2 | 9.3                  | 1            | 22          | 209       | 1     | 030  |        |              |       |                      |              |             |           |       | 030   |        |              |       |                      |              |             |           |       |
| 050   | 20528  | 1            | -56.9 | 8.5                  | 1            | 35          | 223       | 1     | 050  | 20529  | 4            | -62.2 |                      | 4            | 92          | 248       | 9     | 050   |        |              |       |                      |              |             |           |       |
| 100   | 16129  | 1            | -55.1 | 8.0                  | 1            | 79          | 220       | 5     | 100  | 16280  | 1            | -63.0 |                      | 1            | 96          | 266       | 25    | 100   |        |              |       |                      |              |             |           |       |
| 150   | 13532  | 1            | -54.1 | 7.2                  | 1            | 81          | 214       | 6     | 150  | 13759  | 1            | -57.7 |                      | 1            | 97          | 266       | 33    | 150   |        |              |       |                      |              |             |           |       |
| 200   | 11696  | 1            | -55.2 | 6.2                  | 1            | 76          | 207       | 7     | 200  | 11946  | 0            | -57.8 |                      | 0            | 95          | 267       | 32    | 200   | 11293  | 20           | -57.7 | 4.5                  | 9            | 42          | 229       | 4     |
| 300   | 9102   | 1            | -50.1 | 5.5                  | 1            | 58          | 202       | 7     | 300  | 9324   | 0            | -43.8 | 10.9                 | 0            | 91          | 265       | 27    | 300   | 8717   | 20           | -52.6 | 4.3                  | 9            | 40          | 235       | 5     |
| 500   | 5560   | 1            | -22.0 | 6.6                  | 1            | 61          | 199       | 6     | 500  | 5694   | 0            | -16.4 | 13.9                 | 0            | 89          | 258       | 17    | 500   | 5270   | 20           | -31.6 | 5.1                  | 9            | 59          | 214       | 5     |
| 700   | 3001   | 1            | -5.4  | 5.5                  | 1            | 58          | 195       | 4     | 700  | 3077   | 0            | 1.1   | 19.1                 | 0            | 78          | 247       | 8     | 700   | 2813   | 20           | -17.9 | 3.3                  | 9            | 74          | 206       | 4     |
| 850   | 1449   | 1            | 4.6   | 6.2                  | 1            | 44          | 198       | 3     | 850  | 1492   | 0            | 10.2  | 14.7                 | 0            | 50          | 233       | 3     | 850   | 1343   | 20           | -11.1 | 2.1                  | 9            | 73          | 208       | 4     |
| 1003  | * 77   |              | 12.6  | 5.9                  |              |             |           |       | 1010   | * 35   |              | 22.1  | 12.0                 |              |             |           |       | 1009  | * 20   |              | -8.2  | 1.6                  |              |             |           |       |

# 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 |
| <b>ASIA - USSR</b><br>GMO IM.R.K. FEDOROVA<br>20292 APR 1995 7743N 10417E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br>OSTROV DIKSON<br>20674 APR 1995 7330N 08024E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br>HATANGA<br>20891 APR 1995 7159N 10228E OB 3        |        |              |      |                      |              |             |           |       |     |     |
| 030  |        |              |       |                      |              |             |           |       | 030   | 23791  | 19           | -47.2 |                      |              | 9           | 65        | 106   | 3  | 030    | 23721        | 6    | -47.3                | 13.1         |             | 6         | 50    | 110 | 2   |
| 050  | 20334  | 9            | -50.3 | 9.0                  | 9            | 34          | 150       | 2     | 050   | 20430  | 19           | -49.0 |                      |              | 9           | 58        | 51    | 2  | 050    | 20348        | 4    | -49.5                | 11.9         |             | 4         | 44    | 81  | 2   |
| 100  | 15822  | 4            | -52.1 | 7.6                  | 4            | 15          | 99        | 1     | 100   | 15875  | 13           | -51.1 |                      |              | 9           | 56        | 311   | 3  | 100    | 15842        | 5    | -50.4                | 10.4         |             | 5         | 73    | 17  | 3   |
| 150  | 13185  | 1            | -52.1 | 6.6                  | 1            | 34          | 29        | 2     | 150   | 13242  | 12           | -49.9 |                      |              | 9           | 60        | 309   | 3  | 150    | 13188        | 4    | -50.2                | 9.2          |             | 4         | 84    | 1   | 4   |
| 200  | 11319  | 0            | -52.4 | 5.9                  | 0            | 49          | 19        | 2     | 200   | 11376  | 9            | -49.5 |                      |              | 9           | 59        | 307   | 3  | 200    | 11309        | 4    | -50.4                | 7.8          |             | 4         | 83    | 355 | 4   |
| 300  | 8710   | 0            | -53.6 | 4.8                  | 0            | 39          | 26        | 2     | 300   | 8739   | 6            | -51.0 |                      |              | 6           | 36        | 301   | 3  | 300    | 8686         | 4    | -53.4                | 5.3          |             | 4         | 67    | 350 | 5   |
| 500  | 5302   | 0            | -34.3 | 5.7                  | 0            | 33          | 84        | 2     | 500   | 5307   | 6            | -32.4 | 6.4                  |              | 6           | 37        | 306   | 3  | 500    | 5277         | 4    | -34.7                | 6.3          |             | 4         | 64    | 344 | 4   |
| 700  | 2875   | 0            | -20.0 | 5.7                  | 0            | 53          | 129       | 2     | 700   | 2851   | 6            | -17.2 | 6.4                  |              | 6           | 43        | 296   | 3  | 700    | 2857         | 4    | -20.6                | 6.3          |             | 4         | 33    | 354 | 1   |
| 850  | 1417   | 0            | -14.0 | 4.0                  | 0            | 55          | 137       | 2     | 850   | 1372   | 6            | -10.2 | 3.1                  |              | 6           | 29        | 276   | 2  | 850    | 1399         | 4    | -13.6                | 4.7          |             | 4         | 25    | 124 | 1   |
| 1022   | * 0    |              | -15.4 | 2.1                  |              |             |           |       | 1009  | * 47   |              | -8.6  | 2.1                  |              |             |           |       |  | 1017   | * 33         |      | -15.5                | 3.6          |             |           |       |     |     |
| <b>ASIA - USSR</b><br>OSTROV KOTEL'NYJ<br>21432 APR 1995 7600N 13754E OB 3     |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br>NAR'JAN-MAR<br>23205 APR 1995 6739N 05301E OB 3   |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br>SALEHARD<br>23330 APR 1995 6632N 06632E OB 3       |        |              |      |                      |              |             |           |       |     |     |
| 030  | 23779  | 14           | -47.5 |                      | 9            | 89          | 163       | 8     | 030   | 23639  | 0            | -54.8 |                      |              | 0           | 63        | 253   | 4  | 030    | 23750        | 14   | -52.3                | 10.6         |             | 9         | 63    | 283 | 4   |
| 050  | 20415  | 6            | -48.4 |                      | 8            | 80          | 152       | 5     | 050   | 20389  | 0            | -55.9 |                      |              | 0           | 78        | 254   | 6  | 050    | 20465        | 11   | -53.3                | 9.9          |             | 9         | 75    | 289 | 4   |
| 100  | 15868  | 2            | -49.3 |                      | 2            | 68          | 128       | 3     | 100   | 15963  | 0            | -53.9 |                      |              | 0           | 81        | 250   | 6  | 100    | 15977        | 7    | -53.1                | 8.6          |             | 7         | 85    | 290 | 6   |
| 150  | 13208  | 1            | -50.0 |                      | 1            | 70          | 107       | 3     | 150   | 13353  | 0            | -52.8 |                      |              | 1           | 83        | 248   | 8  | 150    | 13352        | 3    | -53.0                | 7.4          |             | 4         | 87    | 280 | 7   |
| 200  | 11337  | 1            | -50.9 |                      | 1            | 73          | 101       | 3     | 200   | 11503  | 0            | -54.6 |                      |              | 1           | 80        | 248   | 9  | 200    | 11503        | 3    | -53.9                | 6.3          |             | 3         | 84    | 280 | 8   |
| 300  | 8729   | 1            | -55.0 |                      | 1            | 62          | 103       | 4     | 300   | 8899   | 0            | -50.1 |                      |              | 0           | 79        | 249   | 11   | 300    | 8915         | 1    | -50.7                | 4.9          |             | 1         | 76    | 278 | 10  |
| 500  | 5318   | 1            | -34.6 | 3.9                  | 1            | 60          | 95        | 3     | 500   | 5410   | 0            | -28.4 | 6.5                  |              | 0           | 80        | 249   | 9  | 500    | 5439         | 1    | -28.9                | 6.6          |             | 1         | 71    | 278 | 7   |
| 700  | 2893   | 1            | -21.1 | 4.3                  | 1            | 59          | 88        | 3     | 700   | 2921   | 0            | -13.2 | 6.9                  |              | 0           | 79        | 244   | 6  | 700    | 2956         | 1    | -12.8                | 6.4          |             | 1         | 68    | 275 | 5   |
| 850  | 1439   | 1            | -13.5 | 3.3                  | 1            | 53          | 83        | 2     | 850   | 1418   | 0            | -4.7  | 6.2                  |              | 0           | 73        | 244   | 5  | 850    | 1450         | 0    | -4.3                 | 5.5          |             | 1         | 61    | 274 | 4   |
| 1025   | * 10   |              | -18.1 | 1.4                  |              |             |           |       | 1014  | * 7    |              | 1.3   | 4.5                  |              |             |           |       |  | 1017   | * 35         |      | .7                   | 3.8          |             |           |       |     |     |
| <b>ASIA - USSR</b><br>TURUHANSK<br>23472 APR 1995 6547N 08757E OB 3            |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br>SYKTYVKAR<br>23804 APR 1995 6140N 05051E OB 3     |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br>HANTY-MANSIJSK<br>23933 APR 1995 6058N 06904E OB 3 |        |              |      |                      |              |             |           |       |     |     |
| 030  | 23659  | 1            | -50.7 | 11.2                 | 2            | 29          | 350       | 1     | 030   | 23668  | 4            | -55.8 |                      |              | 4           | 62        | 263   | 5  | 030    | 23813        | 6    | -53.1                |              |             | 7         | 49    | 313 | 3   |
| 050  | 20334  | 0            | -53.8 | 10.2                 | 0            | 71          | 341       | 4     | 050   | 20415  | 4            | -57.6 |                      |              | 4           | 79        | 259   | 6  | 050    | 20536        | 4    | -54.4                |              |             | 4         | 76    | 313 | 5   |
| 100  | 15913  | 0            | -55.2 | 8.8                  | 0            | 90          | 334       | 6     | 100   | 16034  | 4            | -55.8 |                      |              | 4           | 89        | 247   | 7  | 100    | 16105        | 3    | -53.9                |              |             | 3         | 84    | 303 | 6   |
| 150  | 13316  | 0            | -54.4 | 7.9                  | 0            | 90          | 326       | 7     | 150   | 13445  | 4            | -54.7 |                      |              | 4           | 89        | 240   | 8  | 150    | 13506        | 2    | -54.1                |              |             | 2         | 74    | 291 | 7   |
| 200  | 11473  | 0            | -54.9 | 6.6                  | 0            | 87          | 321       | 9     | 200   | 11609  | 4            | -56.5 |                      |              | 4           | 86        | 236   | 9  | 200    | 11673        | 2    | -56.5                |              |             | 2         | 72    | 285 | 9   |
| 300  | 8871   | 0            | -51.6 | 5.3                  | 0            | 81          | 315       | 10    | 300   | 9035   | 4            | -51.8 |                      |              | 4           | 80        | 233   | 9  | 300    | 9077         | 1    | -49.3                |              |             | 2         | 67    | 286 | 10  |
| 500  | 5411   | 0            | -29.8 | 6.8                  | 0            | 77          | 314       | 7     | 500   | 5530   | 4            | -25.5 | 7.3                  |              | 4           | 81        | 230   | 8  | 500    | 5552         | 0    | -24.4                | 8.0          |             | 1         | 67    | 281 | 7   |
| 700  | 2935   | 0            | -14.7 | 6.7                  | 0            | 70          | 315       | 4     | 700   | 3005   | 4            | -8.8  | 7.6                  |              | 4           | 79        | 224   | 5  | 700    | 3020         | 0    | -8.5                 | 7.7          |             | 1         | 68    | 279 | 5   |
| 850  | 1441   | 0            | -6.1  | 5.5                  | 0            | 59          | 311       | 3     | 850   | 1473   | 4            | .3    | 5.7                  |              | 4           | 80        | 217   | 4  | 850    | 1491         | 0    | 1.4                  | 7.1          |             | 1         | 62    | 268 | 4   |
| 1014   | * 32   |              | -6    | 6.8                  |              |             |           |       | 1003  | * 96   |              | 7.6   | 7.7                  |              |             |           |       |  | 1015   | * 40         |      | 11.2                 | 10.4         |             |           |       |     |     |

# 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 |
|   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>ASIA - USSR</b><br><b>OLENEK</b><br>24125 APR 1995 6830N 11226E OB 3   |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>VERHOJANSK</b><br>24266 APR 1995 6733N 13323E OB 3  |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>TURA</b><br>24507 APR 1995 6410N 10004E OB 3    |        |              |       |                      |              |             |           |       |
| 030   | 23653  | 2            | -47.9 | 14.6                 | 3            | 62          | 102       | 3     | 030  | 23712  | 2            | -46.3 | 14.0                 | 2            | 67          | 132       | 4     | 030  | 23677  | 4            | -48.6 | 12.3                 | 6            | 31          | 62        | 2     |
| 050   | 20252  | 1            | -50.0 | 13.1                 | 1            | 51          | 72        | 2     | 050  | 20277  | 1            | -48.9 | 12.4                 | 1            | 72          | 131       | 5     | 050  | 20336  | 3            | -51.0 | 10.7                 | 4            | 56          | 19        | 3     |
| 100   | 15752  | 0            | -52.5 | 11.6                 | 0            | 75          | 33        | 4     | 100  | 15735  | 0            | -50.8 | 10.4                 | 0            | 79          | 107       | 4     | 100  | 15862  | 2            | -52.5 | 9.0                  | 2            | 82          | 352       | 6     |
| 150   | 13128  | 0            | -51.7 | 10.4                 | 0            | 85          | 17        | 4     | 150  | 13092  | 0            | -51.1 | 9.2                  | 0            | 76          | 98        | 3     | 150  | 13239  | 2            | -52.0 | 7.8                  | 2            | 91          | 345       | 7     |
| 200   | 11258  | 0            | -51.4 | 9.1                  | 0            | 86          | 11        | 4     | 200  | 11223  | 0            | -51.5 | 7.7                  | 0            | 69          | 97        | 3     | 200  | 11373  | 2            | -52.0 | 6.5                  | 2            | 89          | 340       | 8     |
| 300   | 8645   | 0            | -53.5 | 6.2                  | 0            | 69          | 7         | 4     | 300  | 8632   | 0            | -54.6 | 5.2                  | 0            | 44          | 140       | 3     | 300  | 8760   | 2            | -52.6 | 4.6                  | 2            | 77          | 338       | 9     |
| 500   | 5248   | 0            | -35.7 | 6.2                  | 0            | 61          | 12        | 3     | 500  | 5238   | 0            | -36.8 | 5.9                  | 0            | 48          | 144       | 2     | 500  | 5323   | 2            | -32.5 | 5.9                  | 2            | 77          | 336       | 6     |
| 700   | 2833   | 0            | -20.8 | 6.6                  | 0            | 52          | 22        | 2     | 700  | 2833   | 0            | -21.5 | 5.5                  | 0            | 40          | 106       | 1     | 700  | 2881   | 2            | -17.6 | 6.7                  | 2            | 82          | 340       | 4     |
| 850   | 1378   | 0            | -14.2 | 5.2                  | 0            | 54          | 34        | 2     | 850  | 1382   | 0            | -15.5 | 4.3                  | 0            | 32          | 72        | 1     | 850  | 1412   | 2            | -11.0 | 4.5                  | 4            | 76          | 339       | 3     |
| 992   | * 127  |              | -11.9 | 4.0                  |              |             |           |       | 1001   | * 137  |              | -15.1 | 5.6                  |              |             |           |       | 995  | * 186  |              | -5.7  | 6.5                  |              |             |           |       |
| <b>ASIA - USSR</b><br><b>JAKUTSK</b><br>24959 APR 1995 6205N 12945E OB /  |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>MYS SHMIDTA</b><br>25173 APR 1995 6855N 17929W OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>ANADYR'</b><br>25563 APR 1995 6447N 17734E OB 3 |        |              |       |                      |              |             |           |       |
| 030   | 23631  | 2            | -45.4 | 13.6                 | 2            | 47          | 167       | 4     | 030  | 23865  | 6            | -46.9 |                      | 6            | 69          | 150       | 4     | 030  | 23843  | 15           | -45.7 |                      | 9            | 76          | 104       | 4     |
| 050   | 20233  | 1            | -47.7 | 11.5                 | 1            | 37          | 160       | 3     | 050  | 20483  | 3            | -47.2 |                      | 4            | 69          | 159       | 4     | 050  | 20472  | 14           | -46.7 |                      | 9            | 62          | 143       | 3     |
| 100   | 15710  | 0            | -51.2 | 9.2                  | 0            | 36          | 97        | 2     | 100  | 15910  | 3            | -47.8 |                      | 5            | 74          | 159       | 4     | 100  | 15913  | 6            | -47.5 |                      | 6            | 60          | 155       | 3     |
| 150   | 13082  | 0            | -51.8 | 7.6                  | 0            | 26          | 82        | 1     | 150  | 13228  | 3            | -47.7 |                      | 3            | 81          | 166       | 4     | 150  | 13248  | 3            | -48.3 |                      | 3            | 69          | 171       | 4     |
| 200   | 11220  | 0            | -53.0 | 6.1                  | 0            |             | 228       | 0     | 200  | 11331  | 3            | -48.6 |                      | 3            | 79          | 171       | 4     | 200  | 11357  | 3            | -48.9 |                      | 3            | 62          | 179       | 3     |
| 300   | 8630   | 0            | -55.7 | 4.0                  | 0            | 37          | 258       | 3     | 300  | 8683   | 2            | -50.3 |                      | 2            | 57          | 185       | 4     | 300  | 8724   | 3            | -51.5 |                      | 3            | 38          | 206       | 3     |
| 500   | 5251   | 0            | -35.9 | 4.5                  | 0            | 38          | 256       | 2     | 500  | 5240   | 2            | -33.7 | 5.8                  | 2            | 35          | 175       | 2     | 500  | 5268   | 3            | -31.7 | 6.2                  | 3            | 25          | 213       | 1     |
| 700   | 2832   | 0            | -19.9 | 5.3                  | 0            | 27          | 264       | 1     | 700  | 2813   | 2            | -19.7 | 4.2                  | 2            | 27          | 135       | 1     | 700  | 2817   | 3            | -18.0 | 5.6                  | 3            | 26          | 63        | 1     |
| 850   | 1369   | 0            | -11.8 | 4.6                  | 0            | 13          | 345       | 1     | 850  | 1352   | 2            | -15.0 | 2.7                  | 2            | 36          | 3         | 1     | 850  | 1344   | 3            | -12.6 | 4.6                  | 4            | 49          | 35        | 2     |
| 1000  | * 103  |              | -6.1  | 6.3                  |              |             |           |       | 1017   | * 7    |              | -15.7 | 3.1                  |              |             |           |       | 1013   | * 62   |              | -13.4 | 3.2                  |              |             |           |       |
| <b>ASIA - USSR</b><br><b>SEJMCHAN</b><br>25703 APR 1995 6255N 15225E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>KORP</b><br>25954 APR 1995 6021N 16600E OB 3        |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>OMSK</b><br>28698 APR 1995 5456N 07324E OB 3    |        |              |       |                      |              |             |           |       |
| 030   | 23644  | 12           | -46.8 | 13.0                 | 9            | 53          | 146       | 4     | 030  | 23764  | 10           | -47.9 | 12.6                 | 9            | 77          | 111       | 3     | 030  | 23734  | 5            | -55.1 | 10.0                 | 5            | 76          | 313       | 6     |
| 050   | 20291  | 4            | -48.1 | 11.7                 | 8            | 64          | 159       | 4     | 050  | 20398  | 7            | -47.8 | 11.7                 | 8            | 61          | 142       | 3     | 050  | 20487  | 4            | -57.1 | 9.3                  | 4            | 87          | 310       | 6     |
| 100   | 15751  | 0            | -49.2 | 9.4                  | 1            | 67          | 158       | 4     | 100  | 15822  | 4            | -48.1 | 9.7                  | 4            | 43          | 158       | 3     | 100  | 16114  | 4            | -57.2 | 8.4                  | 4            | 85          | 304       | 6     |
| 150   | 13097  | 0            | -50.8 | 7.4                  | 0            | 62          | 162       | 3     | 150  | 13163  | 3            | -50.0 | 8.0                  | 3            | 37          | 180       | 2     | 150  | 13549  | 4            | -57.6 | 7.4                  | 4            | 79          | 305       | 6     |
| 200   | 11231  | 0            | -52.7 | 5.8                  | 0            | 40          | 184       | 2     | 200  | 11287  | 3            | -51.2 | 6.4                  | 3            | 37          | 197       | 2     | 200  | 11742  | 4            | -59.2 | 6.7                  | 4            | 65          | 305       | 6     |
| 300   | 8642   | 0            | -55.1 | 4.1                  | 0            | 19          | 240       | 2     | 300  | 8677   | 2            | -53.7 | 4.6                  | 2            | 25          | 197       | 2     | 300  | 9160   | 4            | -48.9 | 7.1                  | 4            | 55          | 307       | 6     |
| 500   | 5246   | 0            | -34.8 | 5.3                  | 0            | 12          | 15        | 1     | 500  | 5248   | 2            | -32.8 | 6.1                  | 2            | 11          | 129       | 1     | 500  | 5617   | 4            | -23.2 | 10.5                 | 4            | 54          | 306       | 5     |
| 700   | 2826   | 0            | -21.1 | 5.1                  | 0            | 54          | 53        | 2     | 700  | 2805   | 2            | -18.9 | 5.9                  | 2            | 25          | 61        | 1     | 700  | 3069   | 4            | -6.5  | 10.5                 | 4            | 51          | 306       | 4     |
| 850   | 1378   | 0            | -16.4 | 3.4                  | 0            | 71          | 27        | 2     | 850  | 1342   | 2            | -12.5 | 4.4                  | 2            | 37          | 48        | 2     | 850  | 1528   | 4            | 1.8   | 9.2                  | 4            | 44          | 284       | 2     |
| 991   | * 207  |              | -10.6 | 5.5                  |              |             |           |       | 1010   | * 3    |              | -7.2  | 4.7                  |              |             |           |       | 1014   | * 94   |              | 8.1   | 8.4                  |              |             |           |       |



# 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 |
|  |        |              |       |                      |              |            |           |  |          |             |              |       |                      |              |            |   |       |             |        |              |             |                      |              |            |           |       |
| <b>ASIA - USSR</b><br><b>KUSTANAJ</b><br>28952 APR 1995 5313N 06337E OB 3        |        |              |       |                      |              |            |           | <b>ASIA - USSR</b><br><b>KOLPASEV</b><br>29231 APR 1995 5818N 08254E OB 3                  |          |             |              |       |                      |              |            | <b>ASIA - USSR</b><br><b>KIRENSK</b><br>30230 APR 1995 5746N 10807E OB /  |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23781  | 11           | -54.1 | 9.4                  | 9            | 54         | 344       | 3  | 030      | 23722       | 5            | -52.3 | 10.5                 | 6            | 47         | 316   | 4     | 030         | 23557  | 2            | -49.9       | 11.4                 | 2            | 27         | 15        | 2     |
| 050  | 20523  | 8            | -56.5 | 8.5                  | 8            | 59         | 327       | 3  | 050      | 20455       | 4            | -55.1 | 9.3                  | 5            | 72         | 328   | 6     | 050         | 20196  | 0            | -53.1       | 9.9                  | 0            | 55         | 347       | 4     |
| 100  | 16137  | 6            | -56.9 | 7.2                  | 6            | 64         | 293       | 4  | 100      | 16044       | 4            | -56.8 | 7.8                  | 4            | 86         | 328   | 7     | 100         | 15755  | 0            | -54.8       | 8.3                  | 0            | 78         | 340       | 6     |
| 150  | 13569  | 6            | -57.0 | 6.3                  | 6            | 64         | 291       | 5  | 150      | 13484       | 4            | -57.0 | 6.7                  | 4            | 84         | 326   | 7     | 150         | 13165  | 0            | -54.8       | 7.3                  | 0            | 84         | 336       | 7     |
| 200  | 11760  | 5            | -59.9 | 5.7                  | 6            | 57         | 291       | 6  | 200      | 11661       | 4            | -58.7 | 5.7                  | 4            | 75         | 323   | 8     | 200         | 11326  | 0            | -55.4       | 6.1                  | 0            | 83         | 332       | 8     |
| 300  | 9190   | 3            | -49.5 | 6.1                  | 3            | 48         | 289       | 5  | 300      | 9082        | 4            | -49.8 | 5.8                  | 4            | 68         | 322   | 8     | 300         | 8751   | 0            | -54.7       | 5.1                  | 0            | 64         | 323       | 8     |
| 500  | 5650   | 3            | -22.5 | 9.3                  | 3            | 37         | 286       | 3  | 500      | 5561        | 4            | -25.2 | 8.3                  | 4            | 69         | 322   | 6     | 500         | 5327   | 0            | -32.6       | 6.3                  | 0            | 67         | 322       | 6     |
| 700  | 3095   | 2            | -5.3  | 11.7                 | 1            | 31         | 279       | 2  | 700      | 3037        | 4            | -9.6  | 9.7                  | 4            | 76         | 327   | 4     | 700         | 2884   | 0            | -18.3       | 6.5                  | 0            | 77         | 322       | 4     |
| 850  | 1547   | 1            | 3.5   | 9.1                  | 1            | 34         | 260       | 2  | 850      | 1514        | 4            | -9    | 8.5                  | 4            | 69         | 323   | 3     | 850         | 1411   | 0            | -9.0        | 7.2                  | 0            | 60         | 324       | 2     |
| 1004   | * 171  |              | 5.5   | 4.2                  |              |            |           |  | 1014     | * 76        |              | 5.7   | 6.1                  |              |            |   |       | 984         | * 258  |              | -3.3        | 6.2                  |              |            |           |       |
| <b>ASIA - USSR</b><br><b>CITA</b><br>30758 APR 1995 5201N 11320E OB /            |        |              |       |                      |              |            |           | <b>ASIA - USSR</b><br><b>ALDAN</b><br>31004 APR 1995 5837N 12522E OB 3                     |          |             |              |       |                      |              |            | <b>ASIA - USSR</b><br><b>OHOTSK</b><br>31086 APR 1995 5922N 14312E OB 3   |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23550  | 0            | -48.8 |                      | 0            | 10         | 312       | 1  | 030      | 23543       | 9            | -45.7 | 13.0                 | 9            | 48         | 122   | 4     | 030         | 23627  | 0            | -47.4       | 14.3                 | 0            | 49         | 158       | 3     |
| 050  | 20228  | 0            | -52.4 |                      | 0            | 57         | 313       | 3  | 050      | 20254       | 2            | -47.9 | 12.0                 | 4            | 44         | 113   | 3     | 050         | 20255  | 0            | -47.6       | 12.7                 | 0            | 60         | 170       | 4     |
| 100  | 15763  | 0            | -55.4 |                      | 0            | 79         | 310       | 6  | 100      | 15699       | 0            | -51.8 | 8.8                  | 0            | 23         | 30  | 1     | 100         | 15697  | 0            | -50.5       | 9.5                  | 0            | 52         | 162       | 3     |
| 150  | 13180  | 0            | -55.2 |                      | 0            | 87         | 311       | 7  | 150      | 13071       | 0            | -52.6 | 7.4                  | 0            | 37         | 341   | 2     | 150         | 13062  | 0            | -53.0       | 7.7                  | 0            | 46         | 192       | 2     |
| 200  | 11345  | 0            | -56.1 |                      | 0            | 83         | 313       | 8  | 200      | 11223       | 0            | -54.7 | 5.8                  | 0            | 43         | 314   | 2     | 200         | 11214  | 0            | -55.2       | 5.9                  | 0            | 47         | 221       | 2     |
| 300  | 8781   | 0            | -55.3 |                      | 0            | 69         | 320       | 8  | 300      | 8647        | 0            | -55.9 | 4.1                  | 0            | 43         | 290   | 3     | 300         | 8652   | 0            | -55.9       | 4.1                  | 0            | 46         | 243       | 3     |
| 500  | 5353   | 0            | -31.3 | 5.5                  | 0            | 76         | 318       | 6  | 500      | 5263        | 0            | -35.1 | 4.4                  | 0            | 43         | 277   | 3     | 500         | 5254   | 0            | -34.2       | 5.9                  | 0            | 29         | 273       | 1     |
| 700  | 2888   | 0            | -15.1 | 5.4                  | 0            | 78         | 326       | 4  | 700      | 2841        | 0            | -19.6 | 4.7                  | 0            | 46         | 308   | 2     | 700         | 2824   | 0            | -19.2       | 7.1                  | 0            | 27         | 19        | 1     |
| 850  | 1390   | 0            | -4.4  | 9.1                  | 0            | 69         | 326       | 3  | 850      | 1373        | 0            | -11.2 | 5.0                  | 0            | 42         | 313   | 2     | 850         | 1361   | 0            | -13.1       | 5.1                  | 0            | 54         | 44        | 1     |
| 931  | * 685  |              | .0    | 10.0                 |              |            |           |  | 929      | * 682       |              | -5.4  | 5.5                  |              |            |   |       | 1012        | * 6    |              | -6.5        | 3.6                  |              |            |           |       |
| <b>ASIA - USSR</b><br><b>JUZNO-SAHALINSK</b><br>32150 APR 1995 4655N 14244E OB / |        |              |       |                      |              |            |           | <b>ASIA - USSR</b><br><b>PETROPAVLOVSK- KAMCATSKIJ</b><br>32540 APR 1995 5258N 15845E OB 3 |          |             |              |       |                      |              |            | <b>ASIA - USSR</b><br><b>ORENBURG</b><br>35121 APR 1995 5145N 05506E OB 3 |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23654  | 2            | -49.1 | 11.4                 | 4            | 76         | 214       | 3  | 030      | 23690       | 4            | -49.8 | 10.8                 | 5            | 53         | 185   | 2     | 030         | 23797  | 3            | -55.6       | 9.9                  | 3            | 21         | 307       | 1     |
| 050  | 20322  | 1            | -50.8 | 10.1                 | 1            | 78         | 237       | 5  | 050      | 20346       | 2            | -49.1 | 10.5                 | 2            | 56         | 210   | 3     | 050         | 20548  | 2            | -57.8       | 9.0                  | 2            | 55         | 272       | 3     |
| 100  | 15844  | 0            | -54.1 | 8.3                  | 0            | 95         | 258       | 11   | 100      | 15803       | 0            | -50.3 | 8.6                  | 0            | 73         | 238   | 5     | 100         | 16176  | 0            | -57.3       | 7.8                  | 0            | 79         | 258       | 4     |
| 150  | 13248  | 0            | -54.2 | 7.1                  | 0            | 96         | 260       | 13   | 150      | 13173       | 0            | -52.0 | 7.4                  | 0            | 78         | 252   | 6     | 150         | 13607  | 0            | -56.6       | 7.0                  | 0            | 79         | 248       | 5     |
| 200  | 11403  | 0            | -54.7 | 6.0                  | 0            | 93         | 262       | 14   | 200      | 11313       | 0            | -53.4 | 6.2                  | 0            | 72         | 259   | 7     | 200         | 11799  | 0            | -60.4       | 6.0                  | 0            | 76         | 247       | 7     |
| 300  | 8812   | 0            | -52.7 | 5.0                  | 0            | 82         | 263       | 12   | 300      | 8718        | 0            | -52.8 | 4.8                  | 0            | 58         | 272   | 7     | 300         | 9225   | 0            | -47.8       | 6.9                  | 0            | 63         | 234       | 6     |
| 500  | 5354   | 0            | -29.8 | 6.9                  | 0            | 79         | 269       | 7  | 500      | 5265        | 0            | -30.2 | 5.2                  | 0            | 38         | 276   | 3     | 500         | 5653   | 0            | -21.3       | 10.5                 | 0            | 60         | 211       | 4     |
| 700  | 2873   | 0            | -13.1 | 6.5                  | 0            | 72         | 276       | 5  | 700      | 2794        | 0            | -15.8 | 5.9                  | 0            | 24         | 313   | 1     | 700         | 3089   | 0            | -5.1        | 9.1                  | 0            | 63         | 191       | 4     |
| 850  | 1369   | 0            | -4.7  | 5.0                  | 0            | 54         | 269       | 4  | 850      | 1314        | 0            | -8.5  | 4.2                  | 0            | 20         | 358   | 1     | 850         | 1532   | 0            | 6.1         | 11.9                 | 0            | 64         | 174       | 4     |
| 1007   | * 31   |              | 1.8   | 3.8                  |              |            |           |  | 994      | * 7         |              | .0    | 5.4                  |              |            |   |       | 1007        | * 109  |              | 14.8        | 11.7                 |              |            |           |       |

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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 |
|  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>ASIA - USSR</b><br><b>GUR'EV</b><br>35700 APR 1995 4701N 05151E OB 3          |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>ALMA-ATA</b><br>36870 APR 1995 4314N 07656E OB 3                         |        |              |       |                      |              |             |           |       | <b>ASIA - USSR</b><br><b>TASHKENT</b><br>38457 APR 1995 4116N 06916E OB /                     |        |              |       |                      |              |             |           |       |
| 030  | 23803  | 19           | -56.3 | 9.5                  |              |             |           |       | 030   | 23768  | 6            | -54.9 | 11.1                 | 6            | 48          | 354       | 3     | 030   | 23692  | 4            | -57.6 | 10.8                 | 5            | 45          | 5         | 2     |
| 050  | 20568  | 13           | -58.3 | 10.6                 | 9            | 46          | 253       | 2     | 050   | 20533  | 4            | -58.7 | 10.0                 | 4            | 78          | 322       | 4     | 050   | 20508  | 2            | -61.3 | 10.2                 | 3            | 64          | 314       | 3     |
| 100  | 16212  | 4            | -57.4 | 7.6                  | 9            | 88          | 238       | 4     | 100   | 16193  | 2            | -58.4 | 9.7                  | 2            | 89          | 291       | 7     | 100   | 16215  | 0            | -60.4 | 9.4                  | 0            | 84          | 276       | 6     |
| 150  | 13635  | 2            | -57.3 | 6.3                  | 2            | 89          | 231       | 5     | 150   | 13631  | 2            | -56.7 | 8.7                  | 2            | 86          | 285       | 8     | 150   | 13672  | 0            | -58.1 | 9.0                  | 0            | 81          | 274       | 8     |
| 200  | 11831  | 1            | -59.9 | 5.5                  | 1            | 72          | 224       | 6     | 200   | 11813  | 1            | -58.1 | 7.9                  | 2            | 81          | 280       | 8     | 200   | 11868  | 0            | -60.4 | 8.5                  | 0            | 75          | 277       | 9     |
| 300  | 9238   | 1            | -46.1 | 6.8                  | 1            | 66          | 209       | 6     | 300   | 9214   | 0            | -47.0 | 9.0                  | 0            | 72          | 277       | 7     | 300   | 9272   | 0            | -45.8 | 9.9                  | 0            | 63          | 272       | 7     |
| 500  | 5644   | 1            | -19.6 | 10.8                 | 1            | 69          | 190       | 4     | 500   | 5644   | 0            | -21.3 | 12.4                 | 0            | 51          | 276       | 3     | 500   | 5671   | 0            | -17.8 | 15.2                 | 0            | 48          | 282       | 3     |
| 700  | 3061   | 2            | -2.8  | 9.0                  | 1            | 69          | 167       | 4     | 700   | 3074   | 1            | -3.9  | 10.7                 | 1            | 49          | 246       | 1     | 700   | 3074   | 0            | -0.3  | 13.7                 | 0            | 15          | 179       | 1     |
| 850  | 1491   | 1            | 8.3   | 12.6                 | 1            | 75          | 153       | 5     | 850   | 1514   | 0            | 6.3   | 12.1                 | 0            | 39          | 357       | 1     | 850   | 1492   | 0            | 10.2  | 12.0                 | 1            | 26          | 178       | 1     |
| 1017   | * 0    |              | 13.0  | 7.2                  |              |             |           |       | 942   | * 847  |              | 5.1   | 5.2                  |              |             |           |       | 958   | * 428  |              | 11.3  | 7.8                  |              |             |           |       |
| <b>ASIA - SAUDI ARABIA</b><br><b>TABUK</b><br>40375 APR 1995 2822N 03638E OB 3   |        |              |       |                      |              |             |           |       | <b>ASIA - SAUDI ARABIA</b><br><b>HAIL</b><br>40394 APR 1995 2726N 04141E OB 3                     |        |              |       |                      |              |             |           |       | <b>ASIA - SAUDI ARABIA</b><br><b>DHAHRAN</b><br>40416 APR 1995 2616N 05009E OB 3              |        |              |       |                      |              |             |           |       |
| 030  | 23722  | 0            | -56.9 | 31.8                 | 0            | 24          | 347       | 1     | 030   | 23722  | 0            | -57.1 | 30.9                 | 0            | 28          | 49        | 1     | 030   | 23695  | 1            | -57.8 | 30.2                 | 1            | 4           | 71        | 0     |
| 050  | 20548  | 0            | -64.8 | 29.1                 | 0            | 68          | 248       | 4     | 050   | 20564  | 0            | -65.8 | 28.5                 | 0            | 64          | 233       | 4     | 050   | 20549  | 1            | -67.7 | 27.0                 | 1            | 51          | 252       | 2     |
| 100  | 16382  | 0            | -67.2 | 27.5                 | 0            | 97          | 265       | 28    | 100   | 16419  | 0            | -68.4 | 27.5                 | 0            | 96          | 265       | 28    | 100   | 16442  | 0            | -69.6 | 26.1                 | 0            | 94          | 265       | 24    |
| 150  | 13897  | 0            | -59.7 | 27.1                 | 0            | 98          | 271       | 43    | 150   | 13943  | 0            | -60.1 | 27.8                 | 0            | 97          | 271       | 42    | 150   | 13971  | 0            | -60.6 | 24.4                 | 0            | 97          | 271       | 40    |
| 200  | 12084  | 0            | -56.7 | 19.8                 | 0            | 96          | 273       | 43    | 200   | 12129  | 0            | -56.1 | 20.2                 | 0            | 95          | 272       | 42    | 200   | 12161  | 0            | -56.1 | 18.7                 | 0            | 95          | 269       | 40    |
| 300  | 9439   | 0            | -41.7 | 16.7                 | 0            | 95          | 271       | 31    | 300   | 9478   | 0            | -41.0 | 16.6                 | 0            | 93          | 266       | 29    | 300   | 9504   | 0            | -39.8 | 13.4                 | 0            | 91          | 267       | 25    |
| 500  | 5768   | 0            | -13.5 | 22.1                 | 0            | 92          | 265       | 18    | 500   | 5794   | 0            | -12.7 | 22.7                 | 0            | 91          | 258       | 17    | 500   | 5799   | 0            | -11.7 | 22.1                 | 0            | 90          | 265       | 14    |
| 700  | 3117   | 0            | 5.0   | 22.7                 | 0            | 87          | 245       | 9     | 700   | 3138   | 0            | 6.1   | 16.0                 | 0            | 84          | 246       | 9     | 700   | 3132   | 0            | 6.7   | 15.3                 | 0            | 77          | 272       | 7     |
| 850  | 1499   | 0            | 17.2  | 21.2                 | 0            | 45          | 242       | 3     | 850   | 1509   | 0            | 19.2  | 20.7                 | 0            | 33          | 184       | 3     | 850   | 1505   | 0            | 18.0  | 19.3                 | 0            | 58          | 273       | 4     |
| 924  | * 776  |              | 22.1  | 22.9                 |              |             |           |       | 900   | *1013  |              | 22.8  | 20.0                 |              |             |           |       | 1009  | * 17   |              | 26.1  | 12.4                 |              |             |           |       |
| <b>ASIA - SAUDI ARABIA</b><br><b>MADINAH</b><br>40430 APR 1995 2433N 03942E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - SAUDI ARABIA</b><br><b>KING KHALED INT. AIRPORT</b><br>40437 APR 1995 2456N 04643E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b><br><b>MASHHAD</b><br>40745 APR 1995 3616N 05938E OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23705  | 0            | -56.8 | 31.7                 | 0            | 23          | 35        | 1     | 030   | 23707  | 0            | -57.3 | 27.6                 | 0            | 18          | 49        | 1     | 030   | 23698  | 8            | -58.0 |                      | 8            | 24          | 352       | 2     |
| 050  | 20549  | 0            | -67.3 | 28.9                 | 0            | 59          | 220       | 3     | 050   | 20560  | 0            | -67.7 | 24.5                 | 0            | 57          | 228       | 3     | 050   | 20528  | 4            | -63.5 |                      | 4            | 65          | 300       | 4     |
| 100  | 16467  | 0            | -71.8 | 27.6                 | 0            | 95          | 266       | 25    | 100   | 16465  | 0            | -71.1 | 22.9                 | 0            | 94          | 266       | 24    | 100   | 16284  | 3            | -62.4 | 26.4                 | 5            | 95          | 265       | 17    |
| 150  | 14026  | 0            | -62.3 | 29.2                 | 0            | 97          | 272       | 42    | 150   | 14017  | 0            | -61.9 | 22.6                 | 0            | 96          | 273       | 40    | 150   | 13750  | 2            | -58.5 | 20.9                 | 7            | 94          | 260       | 20    |
| 200  | 12213  | 0            | -53.9 | 25.6                 | 0            | 96          | 276       | 43    | 200   | 12205  | 0            | -54.9 | 18.9                 | 0            | 94          | 273       | 40    | 200   | 11952  | 1            | -60.3 | 14.8                 | 4            | 83          | 265       | 19    |
| 300  | 9528   | 0            | -38.8 | 18.8                 | 0            | 94          | 270       | 29    | 300   | 9532   | 0            | -38.9 | 14.9                 | 0            | 93          | 267       | 26    | 300   | 9346   | 1            | -43.9 | 11.6                 | 2            | 65          | 270       | 12    |
| 500  | 5813   | 0            | -10.7 | 28.1                 | 0            | 90          | 258       | 14    | 500   | 5815   | 0            | -11.0 | 19.8                 | 0            | 91          | 267       | 15    | 500   | 5704   | 0            | -15.5 | 14.9                 | 2            | 77          | 270       | 8     |
| 700  | 3134   | 0            | 7.9   | 18.0                 | 0            | 81          | 231       | 6     | 700   | 3142   | 0            | 7.2   | 12.6                 | 0            | 80          | 253       | 7     | 700   | 3080   | 0            | 1.9   | 10.3                 | 2            | 61          | 265       | 5     |
| 850  | 1495   | 0            | 21.4  | 23.6                 | 0            | 41          | 247       | 3     | 850   | 1508   | 0            | 19.4  | 17.7                 | 0            | 60          | 191       | 4     | 850   | 1483   | 0            | 11.7  | 12.7                 | 2            | 13          | 275       | 1     |
| 938  | * 636  |              | 29.0  | 24.0                 |              |             |           |       | 942   | * 612  |              | 25.6  | 19.4                 |              |             |           |       | 901   | * 980  |              | 11.1  | 3.2                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 |
|  |        |              |       |                      |              |            |           |   |          |             |              |       |                      |              |            |   |       |             |        |              |             |                      |              |            |           |       |
| <b>ASIA - SAUDI ARABIA</b><br><b>JEDDAH (KING ABDUL AZIZ INT.)</b><br>41024 APR 1995 2140N 03909E OB 3 |        |              |       |                      |              |            |           | <b>ASIA - SAUDI ARABIA</b><br><b>KHAMIS MUSHAIT</b><br>41114 APR 1995 1818N 04248E OB 3                   |          |             |              |       |                      |              |            | <b>ASIA - KUWAIT</b><br><b>KUWAIT INTERNATIONAL AIRPORT</b><br>40582 APR 1995 2913N 04759E OB / |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23717  | 0            | -56.4 | 31.9                 | 0            | 11         | 302       | 1   | 030      | 23707       | 0            | -57.1 | 30.8                 | 0            | 59         | 278   | 3     | 030         | 23704  | 9            | -57.6       | 30.2                 | 9            | 20         | 316       | 1     |
| 050  | 20565  | 0            | -68.5 | 27.4                 | 0            | 52         | 231       | 2   | 050      | 20561       | 0            | -69.3 | 24.2                 | 0            | 53         | 246   | 3     | 050         | 20545  | 0            | -39.3       | 34.4                 | 0            | 56         | 246       | 3     |
| 100  | 16532  | 0            | -74.8 | 24.8                 | 0            | 95         | 265       | 22  | 100      | 16569       | 0            | -78.2 | 18.9                 | 0            | 93         | 267   | 18    | 100         | 16379  | 0            | -66.7       | 26.6                 | 0            | 90         | 262       | 24    |
| 150  | 14121  | 0            | -64.2 | 24.8                 | 0            | 97         | 273       | 38  | 150      | 14187       | 0            | -65.5 | 18.0                 | 0            | 95         | 277   | 29    | 150         | 13880  | 0            | -59.1       | 24.2                 | 0            | 96         | 267       | 36    |
| 200  | 12314  | 0            | -53.0 | 22.8                 | 0            | 96         | 278       | 41  | 200      | 12387       | 0            | -52.9 | 19.4                 | 0            | 97         | 278   | 31    | 200         | 12074  | 0            | -58.0       | 16.1                 | 0            | 91         | 264       | 34    |
| 300  | 9598   | 0            | -35.6 | 18.2                 | 0            | 95         | 275       | 28  | 300      | 9651        | 0            | -32.8 | 20.5                 | 0            | 96         | 281   | 26    | 300         | 9442   | 0            | -41.6       | 13.3                 | 0            | 88         | 258       | 26    |
| 500  | 5847   | 0            | -8.8  | 27.2                 | 0            | 91         | 260       | 12  | 500      | 5865        | 0            | -7.7  | 16.7                 | 0            | 90         | 267   | 9     | 500         | 5770   | 0            | -13.7       | 18.1                 | 0            | 91         | 264       | 15    |
| 700  | 3147   | 0            | 10.3  | 22.0                 | 0            | 77         | 214       | 5   | 700      | 3157        | 0            | 11.2  | 10.3                 | 0            | 75         | 206   | 5     | 700         | 3123   | 0            | 4.4         | 15.1                 | 0            | 74         | 258       | 7     |
| 850  | 1501   | 0            | 20.9  | 14.9                 | 0            | 74         | 179       | 5   | 797      | *2054       |              | 19.3  | 9.5                  |              |            |   |       | 850         | 1508   | 0            | 16.7        | 19.4                 | 0            | 41         | 247       | 3     |
| 1007   | * 18   |              | 28.3  | 10.4                 |              |            |           |   |          |             |              |       |                      |              |            |   |       | 1005        | * 55   |              | 25.0        | 16.7                 |              |            |           |       |
| <b>ASIA - QATAR</b><br><b>DOHA INTERNATIONAL AIRPORT</b><br>41170 APR 1995 2515N 05134E OB 3           |        |              |       |                      |              |            |           | <b>ASIA - UNITED ARAB EMIRATES</b><br><b>ABU DHABI INTER. AIRPORT</b><br>41217 APR 1995 2426N 05439E OB / |          |             |              |       |                      |              |            | <b>ASIA - OMAN</b><br><b>SALALAH</b><br>41316 APR 1995 1702N 05405E OB 3                        |       |             |        |              |             |                      |              |            |           |       |
| 030  |        |              |       |                      |              |            |           |   | 030      | 23730       | 18           | -57.0 |                      |              |            |   |       | 030         |        |              |             |                      |              |            |           |       |
| 050  |        |              |       |                      |              |            |           |   | 050      | 20574       | 3            | -68.4 |                      | 9            | 62         | 270   | 3     | 050         |        |              |             |                      |              |            |           |       |
| 100  | 16486  | 3            | -70.7 | 26.1                 | 3            | 95         | 267       | 24  | 100      | 16497       | 1            | -71.3 |                      | 0            | 97         | 267   | 25    | 100         |        |              |             |                      |              |            |           |       |
| 150  | 14025  | 2            | -60.3 | 25.7                 | 2            | 96         | 271       | 39  | 150      | 14044       | 1            | -61.5 |                      | 0            | 97         | 271   | 37    | 150         | 13770  | 2            | -56.9       |                      |              |            | 275       | 5     |
| 200  | 12208  | 2            | -54.9 | 18.6                 | 2            | 95         | 270       | 42  | 200      | 12232       | 0            | -54.5 |                      | 0            | 95         | 270   | 38    | 200         | 10617  | 1            | -67.9       |                      | 2            | 77         | 299       | 5     |
| 300  | 9535   | 1            | -38.5 | 13.8                 | 1            | 94         | 269       | 26  | 300      | 9552        | 0            | -38.0 | 10.7                 | 0            | 92         | 269   | 25    | 300         | 9661   | 0            | -32.6       | 19.5                 | 0            | 94         | 278       | 18    |
| 500  | 5816   | 1            | -10.6 | 23.1                 | 1            | 88         | 268       | 14  | 500      | 5826        | 0            | -10.0 | 15.9                 | 0            | 89         | 266   | 12    | 500         | 5869   | 10           | -6.3        | 28.1                 | 0            | 79         | 287       | 7     |
| 700  | 3139   | 1            | 7.5   | 24.8                 | 1            | 74         | 266       | 7   | 700      | 3143        | 0            | 8.3   | 19.0                 | 0            | 72         | 269   | 7     | 700         | 3153   | 0            | 10.7        | 24.6                 | 0            | 22         | 51        | 1     |
| 850  | 1509   | 1            | 18.7  | 26.5                 | 1            | 55         | 287       | 4   | 850      | 1509        | 0            | 19.7  | 24.0                 | 0            | 58         | 272   | 4     | 850         | 1511   | 0            | 19.2        | 16.6                 | 0            | 63         | 181       | 4     |
| 1010   | * 10   |              | 22.5  | 6.4                  |              |            |           |   | 1008     | * 27        |              | 26.5  | 11.6                 |              |            |   |       | 1009        | * 20   |              | 26.7        | 5.9                  |              |            |           |       |
| <b>ASIA - INDIA</b><br><b>SRINAGAR</b><br>42027 APR 1995 3405N 07450E OB 3                             |        |              |       |                      |              |            |           | <b>ASIA - INDIA</b><br><b>AHMADABAD</b><br>42647 APR 1995 2304N 07238E OB /                               |          |             |              |       |                      |              |            | <b>ASIA - INDIA</b><br><b>NAGPUR SONEGAON</b><br>42867 APR 1995 2106N 07903E OB /               |       |             |        |              |             |                      |              |            |           |       |
| 030  | 23826  | 20           | -55.0 |                      |              |            |           |   | 030      |             |              |       |                      |              |            |   |       | 030         | 23891  | 5            | -51.5       |                      | 7            | 81         | 263       | 8     |
| 050  | 20613  | 13           | -60.0 |                      |              |            |           |   | 050      | 20705       | 7            | -62.9 |                      |              |            |   |       | 050         | 20660  | 3            | -63.0       |                      | 5            | 70         | 273       | 5     |
| 100  | 16361  | 4            | -56.2 |                      |              |            |           |   | 100      | 16528       | 4            | -71.0 |                      |              |            |   |       | 100         | 16578  | 3            | -73.3       |                      | 5            | 95         | 263       | 15    |
| 150  | 13831  | 1            | -58.0 |                      |              |            |           |   | 150      | 14081       | 2            | -61.5 |                      | 2            | 96         | 268   | 32    | 150         | 14151  | 2            | -63.0       |                      | 5            | 93         | 262       | 26    |
| 200  | 12032  | 1            | -57.6 |                      |              |            |           |   | 200      | 12277       | 1            | -53.9 |                      | 1            | 95         | 265   | 31    | 200         | 12337  | 2            | -52.9       |                      | 5            | 80         | 262       | 27    |
| 300  | 9395   | 0            | -42.1 | 4.6                  | 9            | 91         | 290       | 25  | 300      | 9582        | 1            | -37.8 |                      | 1            | 92         | 268   | 21    | 300         | 9625   |              | -34.8       |                      | 3            | 92         | 262       | 21    |
| 500  | 5735   | 0            | -15.5 | 4.4                  | 9            | 62         | 255       | 7   | 500      | 5843        | 0            | -9.7  |                      | 1            | 81         | 273   | 9     | 500         | 5860   |              | -8.0        |                      |              | 81         | 268       | 8     |
| 700  | 3105   | 0            | -2.3  | .8                   | 9            | 43         | 120       | 1   | 700      | 3148        | 0            | 9.6   | 13.6                 | 0            | 78         | 268   | 6     | 700         | 3163   |              | 10.4        | 10.0                 |              | 87         | 261       | 5     |
| 843  | *1587  |              | 12.0  | 5.8                  |              |            |           |   | 850      | 1503        | 0            | 21.8  | 16.3                 | 0            | 63         | 273   | 3     | 850         | 1504   |              | 24.7        | 17.9                 |              | 62         | 245       | 3     |
|  |        |              |       |                      |              |            |           |   | 1001     | * 55        |              | 31.3  | 18.8                 |              |            |   |       | 973         | * 310  |              | 30.6        | 18.5                 |              |            |           |       |

# UPPER AIR

APRIL 1995

| 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 |
| <b>ASIA - INDIA</b><br><b>GOA/PANJIM</b><br>43192 APR 1995 1529N 07349E OB 3         |        |              |       |                      |              |             |           |       | <b>ASIA - INDIA</b><br><b>MADRAS/MINAMBARKAM</b><br>43279 APR 1995 1300N 08011E OB /            |        |              |       |                      |              |             |           |       | <b>ASIA - INDIA</b><br><b>COCHIN/WILLINGDON</b><br>43353 APR 1995 0957N 07616E OB / |        |              |       |                      |              |             |           |       |     |
| 030  | 23823  | 6            | -53.5 |                      |              |             |           |       | 030   | 20594  | 3            | -64.2 |                      |              | 4           | 87        | 268   | 7   | 030    | 20566        | 10    | -63.9                |              |             |           |       |     |
| 050  | 20606  | 2            | -67.1 |                      |              |             |           |       | 050   | 16536  | 0            | -79.1 |                      |              | 0           | 22        | 240   | 2   | 050    | 16555        | 7     | -81.1                |              |             |           |       |     |
| 100  | 16562  | 1            | -78.3 |                      |              |             |           |       | 100   | 14186  | 0            | -67.4 |                      |              | 0           | 79        | 251   | 4   | 100    | 14201        | 2     | -68.7                |              |             |           |       |     |
| 150  | 14172  | 0            | -66.7 |                      | 2            | 95          | 259       | 15    | 150   | 12303  | 0            | -52.5 |                      |              | 0           | 70        | 117   | 9   | 150    | 12420        | 1     | -54.9                |              |             |           |       |     |
| 200  | 12384  | 0            | -54.4 |                      | 1            | 93          | 260       | 21    | 200   | 9663   | 0            | -32.1 |                      |              | 0           | 83        | 117   | 4   | 200    | 9694         | 1     | -31.8                |              |             |           |       |     |
| 300  | 9668   | 0            | -33.3 |                      | 0            | 91          | 259       | 15    | 300   | 5859   | 0            | -5.9  | 14.0                 |              | 0           | 62        | 184   | 2   | 300    | 5878         | 1     | -5.1                 | 11.0         |             |           |       |     |
| 500  | 5874   | 0            | -6.5  |                      | 0            | 38          | 251       | 2     | 500   | 3145   | 0            | 10.6  | 17.2                 |              | 0           | 83        | 56    | 6   | 500    | 3153         | 1     | 11.1                 | 10.5         |             |           |       |     |
| 700  | 3160   | 0            | 11.3  | 8.8                  | 0            | 68          | 97        | 5     | 700   | 1497   | 0            | 21.3  | 15.2                 |              | 0           | 71        | 120   | 3   | 700    | 1501         | 1     | 20.7                 | 4.6          |             |           |       |     |
| 850  | 1498   | 0            | 23.6  | 15.4                 | 0            | 51          | 10        | 2     | 850   | *      | 16           | 29.3  | 4.6                  |              |             |           |       |   | 850    | *            | 3     | 29.1                 | 3.8          |             |           |       |     |
| 1001   | * 60   |              | 28.9  | 5.5                  |              |             |           |       | 1006  |        |              |       |                      |              |             |           |       |   | 1007   |              |       |                      |              |             |           |       |     |
| <b>ASIA - INDIA</b><br><b>TRIVANDRUM</b><br>43371 APR 1995 0829N 07657E OB /         |        |              |       |                      |              |             |           |       | <b>ASIA - HONG KONG</b><br><b>KING'S PARK</b><br>45004 APR 1995 2219N 11410E OB /               |        |              |       |                      |              |             |           |       | <b>ASIA - DPR KOREA</b><br><b>PYONGYANG</b><br>47058 APR 1995 3902N 12547E OB 3     |        |              |       |                      |              |             |           |       |     |
| 030  | 23744  | 5            | -57.4 |                      | 6            | 97          | 270       | 15    | 030   | 23726  | 5            | -54.9 | 30.1                 | 5            | 49          | 264       | 2     | 030   |        |              |       |                      |              |             |           |       |     |
| 050  | 20489  | 1            | -66.7 |                      | 2            | 88          | 264       | 8     | 050   | 20568  | 2            | -69.1 | 21.1                 | 3            | 95          | 273       | 6     | 050   | 20879  | 6            | -62.4 | 12.0                 |              | 40          |           |       |     |
| 100  | 16500  | 0            | -84.3 |                      | 1            | 31          | 121       | 2     | 100   | 16582  | 1            | -78.4 | 16.5                 | 1            | 97          | 262       | 9     | 100   | 13063  | 8            | -51.9 | 3.5                  | 6            | 90          | 107       | 72    |     |
| 150  | 14185  | 0            | -70.0 |                      | 0            | 45          | 274       | 4     | 150   | 14202  | 1            | -66.0 | 15.4                 | 1            | 97          | 258       | 14    | 150   |        |              |       |                      |              |             |           |       |     |
| 200  | 12407  | 0            | -54.3 |                      | 0            | 49          | 267       | 4     | 200   | 12405  | 1            | -53.1 | 14.3                 | 1            | 95          | 261       | 15    | 200   |        |              |       |                      |              |             |           |       |     |
| 300  | 9679   | 0            | -31.7 | 9.9                  | 0            | 56          | 224       | 4     | 300   | 9669   | 1            | -32.0 | 15.6                 | 1            | 96          | 257       | 12    | 300   | 9112   | 0            | -45.4 | 9.0                  | 9            |             | 174       | 46    |     |
| 500  | 5835   | 0            | -5.4  | 8.4                  | 0            | 64          | 113       | 2     | 500   | 5865   | 0            | -6.5  | 16.8                 | 0            | 96          | 258       | 7     | 500   | 5523   | 0            | -23.5 | 12.0                 | 4            | 83          | 270       | 9     |     |
| 700  | 3145   | 0            | 10.2  | 9.3                  | 0            | 93          | 77        | 7     | 700   | 3159   | 0            | 9.6   | 9.8                  | 1            | 94          | 251       | 4     | 700   | 2984   | 0            | -7.3  | 12.4                 | 0            | 86          | 280       | 6     |     |
| 850  | 1497   | 0            | 19.2  | 3.7                  | 0            | 72          | 68        | 3     | 850   | 1521   | 0            | 16.4  | 5.3                  | 0            | 76          | 206       | 3     | 850   | 1447   | 0            | 1.4   | 11.6                 | 0            | 70          | 270       | 4     |     |
| 1001   | * 64   |              | 28.6  | 4.4                  |              |             |           |       | 1007  | * 66   |              | 21.1  | 1.7                  |              |             |           |       | 1010  | * 38   |              | 9.3   | 8.1                  |              |             |           |       |     |
| <b>ASIA - REPUBLIC OF KOREA</b><br><b>POHANG</b><br>47138 APR 1995 3602N 12923E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - REPUBLIC OF KOREA</b><br><b>CHEJU UPPER/RADAR</b><br>47185 APR 1995 3317N 12610E OB 3 |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN</b><br><b>WAKKANAI</b><br>47401 APR 1995 4525N 14141E OB /          |        |              |       |                      |              |             |           |       |     |
| 030  | 23684  | 22           | -51.9 | 11.3                 | 9            | 84          | 241       |       | 030   | 23692  | 29           | -53.6 | 11.5                 | 9            | 87          | 245       |       | 030   | 23663  | 1            | -49.8 |                      | 1            | 79          | 229       | 6     |     |
| 050  | 20433  | 19           | -60.4 | 9.4                  | 9            | 96          | 260       |       | 050   | 20484  | 20           | -63.3 | 9.1                  | 9            | 96          | 265       |       | 050   | 20334  | 1            | -52.1 |                      | 1            | 88          | 243       | 11    |     |
| 100  | 16176  | 0            | -64.4 | 8.3                  | 1            | 98          | 265       |       | 100   | 16290  | 0            | -67.1 | 8.1                  | 0            | 98          | 265       |       | 100   | 15881  | 0            | -55.3 |                      | 0            | 96          | 260       | 24    |     |
| 150  | 13670  | 0            | -60.3 | 8.5                  | 0            | 99          | 267       | 52    | 150   | 13808  | 0            | -61.7 | 8.4                  | 0            | 98          | 267       | 56    | 150   | 13295  | 0            | -54.8 |                      | 0            | 96          | 262       | 29    |     |
| 200  | 11863  | 0            | -58.0 | 8.5                  | 0            | 98          | 266       | 58    | 200   | 12009  | 0            | -56.5 | 8.7                  | 0            | 98          | 264       | 59    | 200   | 11455  | 0            | -54.7 |                      | 0            | 94          | 263       | 32    |     |
| 300  | 9231   | 0            | -43.4 | 9.6                  | 0            | 97          | 266       | 46    | 300   | 9345   | 0            | -39.9 | 9.3                  | 0            | 97          | 264       | 44    | 300   | 8858   | 0            | -52.1 |                      | 0            | 84          | 261       | 26    |     |
| 500  | 5605   | 0            | -18.1 | 12.9                 | 0            | 95          | 267       | 26    | 500   | 5665   | 0            | -14.4 | 11.1                 | 0            | 96          | 268       | 25    | 500   | 5390   | 0            | -29.0 | 8.1                  | 0            | 79          | 267       | 15    |     |
| 700  | 3020   | 0            | -4.0  | 5.6                  | 0            | 83          | 275       | 12    | 700   | 3041   | 0            | -3.3  | 12.9                 | 0            | 88          | 272       | 12    | 700   | 2900   | 0            | -12.0 | 10.1                 | 0            | 71          | 269       | 9     |     |
| 850  | 1466   | 0            | 4.0   | 14.2                 | 0            | 62          | 275       | 6     | 850   | 1472   | 0            | 6.1   | 14.0                 | 0            | 40          | 300       | 4     | 850   | 1388   | 0            | -2.7  | 7.7                  | 0            | 55          | 255       | 7     |     |
| 1015   | * 6    |              | 12.9  | 12.4                 |              |             |           |       | 1006  | * 73   |              | 11.9  | 6.4                  |              |             |           |       | 1009  | * 11   |              | 4.5   | 4.6                  |              |             |           |       |     |

# UPPER AIR

## APRIL 1995

| 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 |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>ASIA - JAPAN SAPPORO</b><br>47412 APR 1995 4303N 14120E OB /          |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN NEMURO</b><br>47420 APR 1995 4320N 14535E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN AKITA</b><br>47582 APR 1995 3943N 14006E OB /        |        |              |       |                      |              |             |           |       |
| 030  | 23664  | 3            | -49.2 |                      | 4            | 83          | 230       | 7     | 030  | 23679  | 0            | -50.5 |                      | 1            | 69          | 245       | 4     | 030  | 23676  | 3            | -50.1 |                      | 4            | 88          | 240       | 7     |
| 050  | 20358  | 1            | -53.8 |                      | 1            | 91          | 247       | 12    | 050  | 20371  | 0            | -54.0 |                      | 0            | 91          | 245       | 12    | 050  | 20394  | 0            | -56.6 |                      | 1            | 94          | 248       | 15    |
| 100  | 15952  | 0            | -57.6 |                      | 0            | 97          | 261       | 29    | 100  | 15964  | 0            | -57.2 |                      | 0            | 97          | 261       | 29    | 100  | 16061  | 0            | -60.2 |                      | 0            | 98          | 266       | 37    |
| 150  | 13383  | 0            | -55.6 |                      | 0            | 97          | 263       | 34    | 150  | 13390  | 0            | -55.3 |                      | 0            | 96          | 263       | 34    | 150  | 13526  | 0            | -58.7 |                      | 0            | 97          | 263       | 43    |
| 200  | 11548  | 0            | -55.2 |                      | 0            | 95          | 264       | 40    | 200  | 11556  | 0            | -55.5 |                      | 0            | 92          | 264       | 41    | 200  | 11711  | 0            | -56.1 |                      | 0            | 96          | 263       | 46    |
| 300  | 8938   | 0            | -49.1 |                      | 0            | 87          | 262       | 34    | 300  | 8947   | 0            | -48.9 |                      | 0            | 86          | 261       | 33    | 300  | 9078   | 0            | -44.7 |                      | 0            | 96          | 263       | 43    |
| 500  | 5436   | 0            | -27.1 | 11.2                 | 0            | 86          | 264       | 19    | 500  | 5436   | 0            | -26.4 | 13.2                 | 0            | 77          | 265       | 18    | 500  | 5510   | 0            | -24.1 | 12.4                 | 0            | 94          | 266       | 24    |
| 700  | 2928   | 0            | -10.2 | 10.4                 | 0            | 82          | 268       | 11    | 700  | 2923   | 0            | -10.0 | 9.5                  | 1            | 80          | 270       | 12    | 700  | 2977   | 0            | -7.9  | 13.3                 | 1            | 89          | 265       | 15    |
| 850  | 1405   | 0            | -1.1  | 7.8                  | 0            | 63          | 253       | 8     | 850  | 1403   | 0            | -1.9  | 5.1                  | 1            | 64          | 269       | 8     | 850  | 1442   | 0            | 1.4   | 10.4                 | 1            | 82          | 255       | 10    |
| 1009   | * 19   |              | 6.8   | 6.5                  |              |             |           |       | 1007   | * 26   |              | 3.0   | 2.5                  |              |             |           |       | 1013   | * 7    |              | 9.5   | 6.1                  |              |             |           |       |
| <b>ASIA - JAPAN SENDAI</b><br>47590 APR 1995 3816N 14054E OB /           |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN WAJIMA</b><br>47600 APR 1995 3723N 13654E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN TATENNO</b><br>47646 APR 1995 3603N 14008E OB /      |        |              |       |                      |              |             |           |       |
| 030  | 23697  | 3            | -51.2 |                      | 3            | 74          | 248       | 6     | 030  | 23682  | 1            | -50.8 |                      | 2            | 83          | 244       | 7     | 030  | 23693  | 3            | -52.0 |                      | 4            | 84          | 254       | 7     |
| 050  | 20426  | 1            | -59.0 |                      | 1            | 94          | 252       | 13    | 050  | 20420  | 0            | -59.5 |                      | 2            | 96          | 252       | 16    | 050  | 20454  | 2            | -61.2 |                      | 3            | 96          | 250       | 15    |
| 100  | 16137  | 0            | -61.7 |                      | 0            | 97          | 264       | 36    | 100  | 16153  | 0            | -62.7 |                      | 2            | 98          | 265       | 37    | 100  | 16213  | 0            | -64.5 |                      | 0            | 97          | 266       | 40    |
| 150  | 13607  | 0            | -58.4 |                      | 1            | 98          | 265       | 48    | 150  | 13634  | 0            | -59.5 |                      | 1            | 98          | 265       | 47    | 150  | 13714  | 0            | -60.6 |                      | 0            | 97          | 264       | 52    |
| 200  | 11797  | 0            | -57.2 |                      | 1            | 97          | 265       | 53    | 200  | 11824  | 0            | -56.7 |                      | 1            | 98          | 267       | 52    | 200  | 11915  | 0            | -56.9 |                      | 0            | 97          | 266       | 56    |
| 300  | 9166   | 0            | -44.1 |                      | 0            | 97          | 262       | 46    | 300  | 9188   | 0            | -43.2 |                      | 0            | 98          | 265       | 48    | 300  | 9273   | 0            | -41.9 |                      | 0            | 97          | 263       | 47    |
| 500  | 5561   | 0            | -20.7 | 20.0                 | 0            | 93          | 262       | 26    | 500  | 5574   | 0            | -19.9 | 18.1                 | 0            | 94          | 265       | 27    | 500  | 5624   | 0            | -17.2 | 18.0                 | 0            | 97          | 262       | 29    |
| 700  | 2997   | 0            | -5.6  | 16.5                 | 0            | 90          | 268       | 14    | 700  | 3010   | 0            | -6.1  | 15.8                 | 0            | 87          | 265       | 12    | 700  | 3029   | 0            | -3.4  | 13.0                 | 0            | 87          | 260       | 12    |
| 850  | 1452   | 0            | 2.2   | 7.2                  | 0            | 72          | 255       | 9     | 850  | 1465   | 0            | 3.0   | 7.9                  | 0            | 80          | 247       | 9     | 850  | 1471   | 0            | 4.7   | 5.9                  | 0            | 60          | 245       | 5     |
| 1009   | * 43   |              | 10.8  | 5.7                  |              |             |           |       | 1014   | * 14   |              | 10.6  | 4.9                  |              |             |           |       | 1011   | * 31   |              | 12.4  | 4.9                  |              |             |           |       |
| <b>ASIA - JAPAN HACHIOJIMA/OMURE</b><br>47678 APR 1995 3307N 13947E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN YONAGO</b><br>47744 APR 1995 3526N 13321E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN SHIONOMISAKI</b><br>47778 APR 1995 3327N 13546E OB / |        |              |       |                      |              |             |           |       |
| 030  | 23709  | 6            | -52.7 |                      | 6            | 84          | 252       | 7     | 030  | 23682  | 1            | -51.8 |                      | 1            | 95          | 244       | 9     | 030  | 23697  | 6            | -52.7 |                      | 6            | 87          | 246       | 8     |
| 050  | 20487  | 6            | -63.9 |                      | 6            | 93          | 251       | 13    | 050  | 20449  | 1            | -61.7 |                      | 1            | 96          | 253       | 15    | 050  | 20474  | 4            | -64.3 |                      | 4            | 97          | 252       | 16    |
| 100  | 16325  | 0            | -68.6 |                      | 0            | 97          | 266       | 41    | 100  | 16218  | 0            | -65.5 |                      | 0            | 98          | 266       | 39    | 100  | 16305  | 0            | -67.7 |                      | 0            | 98          | 265       | 44    |
| 150  | 13866  | 0            | -63.6 |                      | 0            | 97          | 268       | 55    | 150  | 13726  | 0            | -61.4 |                      | 0            | 98          | 266       | 49    | 150  | 13839  | 0            | -63.0 |                      | 0            | 98          | 267       | 59    |
| 200  | 12077  | 0            | -56.5 |                      | 0            | 97          | 267       | 58    | 200  | 11931  | 0            | -57.2 |                      | 0            | 98          | 267       | 55    | 200  | 12047  | 0            | -56.3 |                      | 0            | 97          | 267       | 63    |
| 300  | 9407   | 0            | -39.0 |                      | 0            | 98          | 265       | 46    | 300  | 9287   | 0            | -41.4 |                      | 0            | 97          | 267       | 45    | 300  | 9382   | 0            | -39.4 |                      | 0            | 98          | 265       | 48    |
| 500  | 5707   | 0            | -13.4 | 14.3                 | 0            | 99          | 264       | 29    | 500  | 5630   | 0            | -16.7 | 17.3                 | 0            | 95          | 266       | 27    | 500  | 5691   | 0            | -14.0 | 14.4                 | 0            | 98          | 262       | 30    |
| 700  | 3071   | 0            | 1.2   | 19.3                 | 0            | 95          | 261       | 16    | 700  | 3033   | 0            | -2.8  | 19.6                 | 0            | 82          | 277       | 12    | 700  | 3063   | 0            | .3    | 17.6                 | 0            | 93          | 266       | 15    |
| 850  | 1490   | 0            | 7.3   | 7.7                  | 1            | 83          | 253       | 10    | 850  | 1473   | 0            | 4.9   | 9.0                  | 0            | 67          | 248       | 7     | 850  | 1486   | 0            | 7.2   | 8.8                  | 0            | 65          | 259       | 6     |
| 998  | * 153  |              | 14.9  | 4.0                  |              |             |           |       | 1014   | * 8    |              | 12.9  | 6.0                  |              |             |           |       | 1007   | * 75   |              | 14.8  | 6.5                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 |
|  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>ASIA - JAPAN</b><br><b>FUKUOKA</b><br>47807 APR 1995 3335N 13023E OB /      |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN</b><br><b>KAGOSHIMA/YOSHINO</b><br>47827 APR 1995 3138N 13036E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN</b><br><b>NAZE/FUNCHATOGE</b><br>47909 APR 1995 2823N 12933E OB / |        |              |       |                      |              |             |           |       |
| 030  | 23684  | 3            | -52.3 |                      | 4            | 96          | 248       | 11    | 030   | 23692  | 3            | -53.1 |                      | 3            | 94          | 251       | 10    | 030   | 23700  | 5            | -54.0 |                      | 5            | 91          | 258       | 10    |
| 050  | 20460  | 1            | -63.2 |                      | 2            | 98          | 257       | 16    | 050   | 20489  | 0            | -65.0 |                      | 1            | 97          | 258       | 14    | 050   | 20519  | 2            | -66.6 |                      | 3            | 95          | 258       | 14    |
| 100  | 16285  | 0            | -67.8 |                      | 0            | 99          | 264       | 41    | 100   | 16368  | 0            | -70.9 |                      | 0            | 99          | 265       | 39    | 100   | 16470  | 0            | -74.6 |                      | 0            | 98          | 266       | 32    |
| 150  | 13816  | 0            | -63.2 |                      | 0            | 98          | 267       | 53    | 150   | 13923  | 0            | -63.7 |                      | 0            | 97          | 269       | 52    | 150   | 14054  | 0            | -64.5 |                      | 0            | 96          | 269       | 43    |
| 200  | 12025  | 0            | -56.3 |                      | 0            | 98          | 266       | 57    | 200   | 12132  | 0            | -55.5 |                      | 0            | 97          | 267       | 55    | 200   | 12261  | 0            | -54.7 |                      | 0            | 98          | 269       | 43    |
| 300  | 9365   | 0            | -39.6 |                      | 0            | 98          | 264       | 44    | 300   | 9450   | 0            | -37.9 |                      | 0            | 98          | 264       | 40    | 300   | 9550   | 0            | -35.0 | 8.7                  | 0            | 98          | 266       | 37    |
| 500  | 5678   | 0            | -14.0 | 16.5                 | 0            | 97          | 265       | 28    | 500   | 5732   | 0            | -11.7 | 15.0                 | 0            | 97          | 263       | 26    | 500   | 5798   | 0            | -9.7  | 11.0                 | 0            | 98          | 266       | 25    |
| 700  | 3053   | 0            | -2    | 19.2                 | 0            | 88          | 269       | 14    | 700   | 3084   | 0            | 2.2   | 15.7                 | 1            | 92          | 265       | 16    | 700   | 3124   | 0            | 5.4   | 10.6                 | 0            | 97          | 257       | 16    |
| 850  | 1480   | 0            | 6.4   | 13.3                 | 0            | 60          | 250       | 5     | 850   | 1494   | 0            | 9.4   | 16.1                 | 0            | 65          | 261       | 6     | 850   | 1514   | 0            | 12.4  | 9.3                  | 0            | 82          | 264       | 9     |
| 1014   | * 14   |              | 14.6  | 6.4                  |              |             |           |       | 1012  | * 283  |              | 16.1  | 5.3                  |              |             |           |       | 982   | * 295  |              | 17.3  | 2.4                  |              |             |           |       |
| <b>ASIA - JAPAN</b><br><b>ISHIGAKIJIMA</b><br>47918 APR 1995 2420N 12410E OB / |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN</b><br><b>NAHA</b><br>47936 APR 1995 2612N 12741E OB /              |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN</b><br><b>MINAMIDAITOJIMA</b><br>47945 APR 1995 2550N 13114E OB / |        |              |       |                      |              |             |           |       |
| 030  | 23761  | 2            | -55.5 |                      | 2            | 80          | 267       | 7     | 030   | 23715  | 2            | -55.1 |                      | 3            | 89          | 262       | 9     | 030   | 23746  | 2            | -55.0 |                      | 4            | 81          | 262       | 7     |
| 050  | 20584  | 2            | -66.6 |                      | 2            | 96          | 252       | 12    | 050   | 20542  | 2            | -66.8 |                      | 2            | 95          | 255       | 13    | 050   | 20565  | 1            | -66.5 |                      | 3            | 94          | 255       | 12    |
| 100  | 16569  | 0            | -76.7 |                      | 0            | 97          | 264       | 22    | 100   | 16523  | 0            | -75.9 |                      | 0            | 98          | 265       | 26    | 100   | 16538  | 0            | -75.9 |                      | 3            | 96          | 265       | 25    |
| 150  | 14179  | 0            | -65.6 |                      | 0            | 96          | 266       | 34    | 150   | 14123  | 0            | -65.1 |                      | 0            | 96          | 268       | 37    | 150   | 14142  | 0            | -64.8 |                      | 3            | 94          | 268       | 32    |
| 200  | 12381  | 0            | -53.4 |                      | 0            | 96          | 268       | 34    | 200   | 12327  | 0            | -54.1 |                      | 0            | 97          | 268       | 38    | 200   | 12345  | 0            | -53.8 |                      | 2            | 94          | 268       | 34    |
| 300  | 9652   | 0            | -32.6 | 12.9                 | 0            | 96          | 263       | 29    | 300   | 9607   | 0            | -33.5 | 11.1                 | 0            | 97          | 265       | 33    | 300   | 9625   | 0            | -33.4 | 13.1                 | 1            | 96          | 265       | 30    |
| 500  | 5859   | 0            | -6.8  | 19.3                 | 0            | 97          | 259       | 19    | 500   | 5833   | 0            | -8.3  | 12.9                 | 0            | 97          | 262       | 22    | 500   | 5846   | 0            | -8.2  | 15.3                 | 0            | 98          | 264       | 20    |
| 700  | 3158   | 0            | 9.3   | 16.0                 | 0            | 93          | 250       | 8     | 700   | 3145   | 0            | 7.2   | 9.0                  | 0            | 95          | 259       | 13    | 700   | 3156   | 0            | 7.4   | 11.2                 | 0            | 92          | 255       | 11    |
| 850  | 1525   | 0            | 15.9  | 5.8                  | 0            | 74          | 209       | 5     | 850   | 1523   | 0            | 14.0  | 3.8                  | 0            | 82          | 255       | 7     | 850   | 1533   | 0            | 14.7  | 6.2                  | 0            | 85          | 250       | 6     |
| 1014   | * 7    |              | 23.6  | 3.3                  |              |             |           |       | 1012  | * 27   |              | 21.7  | 2.9                  |              |             |           |       | 1015  | * 15   |              | 21.6  | 2.7                  |              |             |           |       |
| <b>ASIA - JAPAN</b><br><b>CHICHIJIMA</b><br>47971 APR 1995 2705N 14211E OB 3   |        |              |       |                      |              |             |           |       | <b>ASIA - JAPAN</b><br><b>MINAMITORISHIMA</b><br>47991 APR 1995 2418N 15358E OB 3   |        |              |       |                      |              |             |           |       | <b>ASIA - CHINA</b><br><b>HAILAR</b><br>50527 APR 1995 4913N 11945E OB 3          |        |              |       |                      |              |             |           |       |
| 030  | 23734  | 0            | -54.7 |                      | 0            | 65          | 257       | 4     | 030   | 23739  | 0            | -56.0 |                      | 0            | 16          | 8         | 1     | 030   | 23584  | 10           | -52.1 | 7.8                  | 9            | 57          | 292       | 2     |
| 050  | 20550  | 0            | -66.2 |                      | 0            | 90          | 254       | 9     | 050   | 20568  | 0            | -67.8 |                      | 0            | 71          | 248       | 5     | 050   | 20262  | 8            | -53.0 | 7.3                  | 9            | 82          | 299       | 5     |
| 100  | 16514  | 0            | -75.1 |                      | 0            | 96          | 268       | 27    | 100   | 16560  | 0            | -76.8 |                      | 0            | 94          | 272       | 17    | 100   | 15801  | 4            | -55.4 | 5.9                  | 5            | 81          | 305       | 7     |
| 150  | 14114  | 0            | -65.4 |                      | 0            | 95          | 270       | 37    | 150   | 14168  | 0            | -65.2 |                      | 0            | 95          | 278       | 25    | 150   | 13203  | 3            | -54.3 | 5.4                  | 5            | 84          | 305       | 8     |
| 200  | 12323  | 0            | -54.6 |                      | 0            | 94          | 275       | 37    | 200   | 12374  | 0            | -54.3 |                      | 0            | 92          | 287       | 23    | 200   | 11363  | 3            | -55.5 | 4.8                  | 5            | 80          | 304       | 8     |
| 300  | 9609   | 0            | -34.0 | 17.9                 | 0            | 95          | 272       | 31    | 300   | 9658   | 0            | -33.8 | 24.9                 | 0            | 93          | 281       | 18    | 300   | 8788   | 2            | -53.9 | 4.3                  | 5            | 73          | 306       | 8     |
| 500  | 5841   | 0            | -9.1  | 18.8                 | 0            | 96          | 264       | 19    | 500   | 5877   | 0            | -7.0  | 31.6                 | 0            | 79          | 271       | 8     | 500   | 5349   | 0            | -30.4 | 4.9                  | 2            | 75          | 313       | 6     |
| 700  | 3159   | 0            | 6.7   | 11.7                 | 0            | 92          | 262       | 11    | 700   | 3176   | 0            | 8.1   | 25.3                 | 0            | 27          | 288       | 2     | 700   | 2875   | 0            | -14.2 | 5.3                  | 2            | 55          | 325       | 3     |
| 850  | 1541   | 0            | 13.6  | 9.0                  | 0            | 86          | 262       | 7     | 850   | 1553   | 0            | 14.5  | 10.2                 | 0            | 32          | 48        | 2     | 850   | 1372   | 0            | -4.4  | 5.8                  | 0            | 33          | 329       | 2     |
| 1017   | * 8    |              | 21.4  | 3.0                  |              |             |           |       | 1017  | * 9    |              | 23.4  | 3.5                  |              |             |           |       | 936   | * 611  |              | -2.5  | 4.6                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 | % | ° |
| <b>ASIA - CHINA</b><br><b>LANZHOU</b><br>52889 APR 1995 3603N 10353E OB 3   |        |              |       |                      |              |            |           | <b>ASIA - CHINA</b><br><b>BEIJING</b><br>54511 APR 1995 3956N 11617E OB 3          |          |             |              |       |                      |              |            | <b>ASIA - CHINA</b><br><b>LHASA</b><br>55591 APR 1995 2940N 09108E OB 3     |       |             |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 030   | 23628  | 3            | -58.5 |                      | 5            | 78         | 284       | 4  | 030      | 23600       | 9            | -51.6 | 16.6                 | 9            | 57         | 248   | 4     | 030         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 050   | 20463  | 0            | -64.1 |                      | 0            | 0          | 284       | 8  | 050      | 20350       | 5            | -58.6 | 16.2                 | 6            | 90         | 269   | 8     | 050         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 100   | 16225  | 0            | -63.6 |                      | 0            | 97         | 268       | 17   | 100      | 16037       | 4            | -59.9 | 12.3                 | 4            | 98         | 272   | 16    | 100         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 150   | 13709  | 0            | -60.4 | 5.8                  | 0            | 97         | 267       | 18   | 150      | 13500       | 2            | -57.7 | 12.1                 | 2            | 98         | 268   | 20    | 150         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 200   | 11929  | 0            | -61.8 | 5.0                  | 0            | 97         | 268       | 19   | 200      | 11686       | 1            | -58.7 | 11.3                 | 1            | 96         | 269   | 22    | 200         | 12112  |              | -56.3       |                      | 9            | 0          | 265       | 11    |     |     |    |    |   |   |
| 300   | 9322   | 0            | -43.5 | 7.7                  | 0            | 94         | 274       | 15   | 300      | 9096        | 1            | -48.6 | 11.1                 | 1            | 96         | 275   | 19    | 300         | 9471   |              | -40.0       | 49.0                 | 9            | 96         | 270       | 12    |     |     |    |    |   |   |
| 500   | 5670   | 0            | -16.2 | 8.0                  | 0            | 85         | 280       | 6  | 500      | 5549        | 0            | -23.9 | 13.9                 | 0            | 89         | 291   | 9     | 500         | 5763   | 0            | -10.5       | 21.0                 | 0            | 86         | 265       | 3     |     |     |    |    |   |   |
| 700   | 3065   | 0            | -1.9  | 9.4                  | 0            | 8          | 45        | 0  | 700      | 3007        | 0            | -6.2  | 16.6                 | 0            | 83         | 301   | 6     | 653         | *3650  |              | 3.2         | 9.8                  |              |            |           |       |     |     |    |    |   |   |
| 848   | *1518  |              | 6.1   | 9.8                  |              |            |           |  | 850      | 1458        | 0            | 4.0   | 18.6                 | 0            | 59         | 288   | 3     |             |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
|   |        |              |       |                      |              |            |           |  | 1008     | * 55        |              | 10.8  | 13.9                 |              |            |   |       |             |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| <b>ASIA - CHINA</b><br><b>KUNMING</b><br>56778 APR 1995 2501N 10241E OB 3   |        |              |       |                      |              |            |           | <b>ASIA - CHINA</b><br><b>SHANGHAI</b><br>58362 APR 1995 3124N 12128E OB 3         |          |             |              |       |                      |              |            | <b>ASIA - CHINA</b><br><b>GUANGZHOU</b><br>59287 APR 1995 2308N 11319E OB 3 |       |             |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 030   | 23734  | 1            | -56.5 |                      | 8            | 78         | 266       | 4  | 030      | 23727       | 3            | -52.3 |                      | 6            | 82         | 252   | 9     | 030         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 050   | 20588  | 1            | -69.2 |                      | 7            | 0          | 284       | 5  | 050      | 20527       | 1            | -65.7 |                      | 5            | 93         | 270   | 13    | 050         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 100   | 16576  | 0            | -73.6 |                      | 3            | 0          | 265       | 14   | 100      | 16392       | 1            | -68.5 |                      | 3            | 97         | 263   | 37    | 100         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 150   | 14148  | 0            | -62.7 |                      | 1            | 98         | 255       | 21   | 150      | 13923       | 1            | -62.1 | 8.7                  | 3            | 0          | 260   | 56    | 150         | 14215  | 1            | -64.0       | 7.7                  | 9            | 0          | 260       | 17    |     |     |    |    |   |   |
| 200   | 12330  | 0            | -52.0 | 10.8                 | 0            | 98         | 254       | 22   | 200      | 12118       | 0            | -55.6 | 7.5                  | 1            | 97         | 257   | 57    | 200         | 12404  | 0            | -51.7       | 7.2                  | 9            | 97         | 263       | 16    |     |     |    |    |   |   |
| 300   | 9605   | 0            | -34.3 | 12.7                 | 0            | 97         | 258       | 17   | 300      | 9440        | 0            | -39.0 | 8.4                  | 2            | 95         | 258   | 37    | 300         | 9662   | 0            | -32.4       | 9.0                  | 4            | 97         | 258       | 14    |     |     |    |    |   |   |
| 500   | 5821   | 0            | -7.2  | 15.9                 | 0            | 59         | 267       | 11   | 500      | 5728        | 0            | -12.1 | 9.9                  | 0            | 96         | 264   | 23    | 500         | 5858   | 0            | -6.7        | 10.4                 | 0            | 0          | 260       | 9     |     |     |    |    |   |   |
| 700   | 3123   | 0            | 8.2   | 9.7                  | 0            | 0          | 265       | 8  | 700      | 3083        | 0            | 1.7   | 9.8                  | 0            | 85         | 260   | 11    | 700         | 3151   | 0            | 8.9         | 4.1                  | 0            | 0          | 255       | 6     |     |     |    |    |   |   |
| 810   | *1892  |              | 14.3  | 9.3                  |              |            |           |  | 850      | 1495        | 0            | 8.4   | 11.4                 | 0            | 43         | 264   | 3     | 850         | 1514   | 0            | 15.5        | 2.2                  | 0            | 89         | 218       | 4     |     |     |    |    |   |   |
|   |        |              |       |                      |              |            |           |  | 1017     | * 4         |              | 12.9  | 3.6                  |              |            |   |       | 1013        | * 8    |              | 21.3        | 1.7                  |              |            |           |       |     |     |    |    |   |   |
| <b>AFRICA - SPAIN (CANARY ISLANDS)</b><br><b>SANTA CRUZ DE TENE- RIPE, CM</b><br>60020 APR 1995 2827N 01615W OB 3 |        |              |       |                      |              |            |           | <b>AFRICA - ALGERIA</b><br><b>DAR-EL-BEIDA</b><br>60390 APR 1995 3643N 00315E OB / |          |             |              |       |                      |              |            | <b>AFRICA - ALGERIA</b><br><b>BECHAR</b><br>60571 APR 1995 3137N 00214W OB  |       |             |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 030   | 23709  | 3            | -56.7 | 31.8                 | 3            | 41         | 231       | 2  | 030      |             |              |       |                      |              |            |   |       | 030         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 050   | 20530  | 0            | -64.6 | 29.4                 | 0            | 78         | 274       | 5  | 050      |             |              |       |                      |              |            |   |       | 050         |        |              |             |                      |              |            |           |       |     |     |    |    |   |   |
| 100   | 16345  | 0            | -66.3 | 27.5                 | 0            | 97         | 272       | 21   | 100      | 16192       | 3            | -61.0 |                      | 3            | 92         | 270   | 15    | 100         | 16291  | 2            | -63.9       |                      |              |            |           |       |     |     |    |    |   |   |
| 150   | 13852  | 0            | -60.0 | 25.1                 | 0            | 97         | 273       | 30   | 150      | 13654       | 0            | -58.1 |                      | 0            | 92         | 270   | 18    | 150         | 13775  | 1            | -58.5       |                      | 9            | 98         | 270       | 28    |     |     |    |    |   |   |
| 200   | 12047  | 0            | -57.6 | 18.9                 | 0            | 95         | 274       | 32   | 200      | 11846       | 0            | -58.9 |                      | 0            | 72         | 280   | 14    | 200         | 11960  | 1            | -57.4       |                      | 9            | 96         | 270       | 30    |     |     |    |    |   |   |
| 300   | 9408   | 0            | -41.7 | 18.8                 | 0            | 91         | 280       | 24   | 300      | 9251        | 0            | -46.6 |                      | 0            | 45         | 280   | 9     | 300         | 9339   | 1            | -44.6       |                      | 5            | 93         | 270       | 24    |     |     |    |    |   |   |
| 500   | 5741   | 0            | -14.0 | 28.2                 | 0            | 85         | 287       | 12   | 500      | 5664        | 0            | -19.4 | 16.2                 | 0            | 48         | 280   | 6     | 500         | 5713   | 1            | -16.3       | 14.7                 | 2            | 81         | 280       | 10    |     |     |    |    |   |   |
| 700   | 3102   | 0            | 2.4   | 24.9                 | 0            | 65         | 322       | 5  | 700      | 3071        | 0            | -2.1  | 17.3                 | 0            | 38         | 290   | 4     | 700         | 3094   | 1            | 1.1         | 9.1                  | 1            | 38         | 240       | 3     |     |     |    |    |   |   |
| 850   | 1514   | 0            | 8.7   | 9.1                  | 0            | 65         | 6         | 4  | 850      | 1503        | 0            | 7.1   | 12.7                 | 0            | 15         | 280   | 1     | 850         | 1500   | 1            | 12.9        | 15.2                 | 1            | 44         | 90        | 3     |     |     |    |    |   |   |
| 1013  | * 36   |              | 20.5  | 7.2                  |              |            |           |  | 1014     | * 25        |              | 14.8  | 6.7                  |              |            |   |       | 922         | * 773  |              | 18.0        | 17.4                 |              |            |           |       |     |     |    |    |   |   |

# 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 |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| AFRICA - ALGERIA<br>IN SALAH<br>60630 APR 1995 2712N 00228E OB                   |        |              |       |                      |              |             |           |       | AFRICA - ALGERIA<br>TAMANRASSET<br>60680 APR 1995 2247N 00531E OB  |        |              |       |                      |              |             |           |       | AFRICA - NIGER<br>NIAMEY-AERO<br>61052 APR 1995 1329N 00210E OB /                                |        |              |       |                      |              |             |           |       |
| 030  |        |              |       |                      |              |             |           |       | 030  |        |              |       |                      |              |             |           |       | 030  |        |              |       |                      |              |             |           |       |
| 050  | 20545  | 0            | -62.4 |                      | 4            | 35          | 260       | 5     | 050  | 20584  | 23           | -68.3 |                      | 9            | 90          | 260       | 6     | 050  | 20596  | 7            | -68.9 |                      | 8            | 78          | 326       | 4     |
| 100  | 16400  | 0            | -69.0 |                      | 0            | 94          | 260       | 23    | 100  | 16497  | 2            | -73.6 |                      | 3            | 96          | 260       | 28    | 100  | 16593  | 8            | -80.5 |                      | 9            | 47          | 240       | 4     |
| 150  | 13930  | 0            | -61.5 |                      | 0            | 92          | 270       | 27    | 150  | 14084  | 0            | -65.7 |                      | 1            | 98          | 260       | 49    | 150  | 14246  | 1            | -67.4 |                      | 2            | 83          | 249       | 10    |
| 200  | 12128  | 0            | -56.7 |                      | 0            | 97          | 270       | 36    | 200  | 12294  | 0            | -54.4 |                      | 0            | 95          | 260       | 48    | 200  | 12450  | 1            | -52.6 |                      | 1            | 91          | 260       | 11    |
| 300  | 9466   | 0            | -39.7 | 16.2                 | 0            | 96          | 260       | 27    | 300  | 9583   | 0            | -35.3 | 16.4                 | 0            | 87          | 260       | 32    | 300  | 9706   | 0            | -31.3 | 13.2                 | 0            | 78          | 266       | 7     |
| 500  | 5792   | 0            | -14.1 | 19.3                 | 0            | 90          | 260       | 17    | 500  | 5836   | 0            | -1    | 9.8                  | 0            | 91          | 260       | 19    | 500  | 5888   | 0            | -6.1  | 12.8                 | 0            | 29          | 228       | 1     |
| 700  | 3012   | 0            | 5.6   | 23.8                 | 0            | 79          | 260       | 8     | 700  | 3149   | 0            | 9.3   | 20.3                 | 0            | 89          | 260       | 12    | 700  | 3177   | 0            | 11.4  | 15.7                 | 0            | 90          | 92        | 5     |
| 850  | 1496   | 0            | 16.6  | 20.4                 | 0            | 24          | 200       | 2     | 850  | 1502   | 0            | 22.0  | 28.9                 | 0            | 44          | 270       | 3     | 850  | 1518   | 0            | 24.5  | 21.2                 | 0            | 45          | 100       | 3     |
| 980  | * 293  |              | 27.2  | 24.3                 |              |             |           |       | 864  | *1378  |              | 19.8  | 22.2                 |              |             |           |       | 983  | * 227  |              | 35.7  | 22.3                 |              |             |           |       |
| AFRICA - MALI<br>TOMBOUCTOU<br>61223 APR 1995 1643N 00300W OB /                  |        |              |       |                      |              |             |           |       | AFRICA - SENEGAL<br>DAKAR/YOFF<br>61641 APR 1995 1444N 01730W OB / |        |              |       |                      |              |             |           |       | AFRICA - USA (OCEAN ISLANDS)<br>WIDE AWAKE FIELD (ASCENSION)<br>61902 APR 1995 0758S 01424W OB 2 |        |              |       |                      |              |             |           |       |
| 030  | 24205  | 0            | -67.1 | .1                   | 0            | 96          | 250       | 36    | 030  |        |              |       |                      |              |             |           | 030   | 23812  | 16     | -55.0        |       |                      |              |             |           |       |
| 050  | 22415  | 0            | -53.5 |                      | 0            | 98          | 250       | 31    | 050  | 20591  | 4            | -68.2 |                      |              |             |           | 050   | 20622  | 16     | -66.3        |       |                      |              |             |           |       |
| 100  | 15683  | 0            | -32.1 | 21.3                 | 0            | 93          | 260       | 23    | 100  |        |              |       |                      |              |             |           | 100   | 16624  | 13     | -80.2        |       |                      |              |             |           |       |
| 150  |        |              |       |                      |              |             |           |       | 150  | 14192  | 0            | -67.8 |                      |              |             |           | 150   | 14267  | 13     | -67.6        |       |                      |              |             |           |       |
| 200  |        |              |       |                      |              |             |           |       | 200  | 12406  | 0            | -53.9 |                      |              |             |           | 200   | 12477  | 13     | -53.0        |       |                      |              |             |           |       |
| 300  |        |              |       |                      |              |             |           |       | 300  | 9675   | 0            | -32.6 | 21.6                 |              |             | 300       | 9727  | 13   | -30.1  |              |       |                      |              |             |           |       |
| 500  | 5884   | 0            | -7.2  | 12.8                 | 0            | 86          | 250       | 9     | 500  | 5878   | 0            | -6.4  | 32.8                 |              |             | 500       | 5889  | 13   | -4.7   |              |       |                      |              |             |           |       |
| 700  | 3179   | 0            | 10.9  | 13.5                 | 0            | 78          | 220       | 4     | 700  | 3186   | 0            | 9.7   | 5.6                  |              |             | 700       | 3164  | 13   | 10.3   | 9.1          |       |                      |              |             |           |       |
| 850  | 1522   | 0            | 24.4  | 25.2                 | 0            | 36          | 100       | 2     | 850  | 1524   | 0            | 22.0  | 25.7                 |              |             | 850       | 1518  | 13   | 18.1   | 4.4          |       |                      |              |             |           |       |
| 980  | * 264  |              | 35.3  | 26.6                 |              |             |           |       | 1010   | * 24   |              | 24.5  | 10.3                 |              |             | 1001      | * 79  |  | 28.2   | 5.1          |       |                      |              |             |           |       |
| AFRICA - USA (OCEAN ISLANDS)<br>DIEGO GARCIA<br>61967 APR 1995 0718S 07224E OB 3 |        |              |       |                      |              |             |           |       | AFRICA - EGYPT<br>ASSWAN<br>62414 APR 1995 2358N 03247E OB 3       |        |              |       |                      |              |             |           |       | AFRICA - ETHIOPIA<br>ADDIS ABABA<br>63450 APR 1995 0859N 03848E OB /                             |        |              |       |                      |              |             |           |       |
| 030  |        |              |       |                      |              |             |           |       | 030  |        |              |       |                      |              |             |           | 030   |  |        |              |       |                      |              |             |           |       |
| 050  |        |              |       |                      |              |             |           |       | 050  | 20646  | 8            | -66.1 | 3.8                  | 3            | 70          | 304       | 050   | 20640  | 2      | -67.0        |       | 2                    | 86           | 275         | 6         |       |
| 100  |        |              |       |                      |              |             |           |       | 100  |        |              |       |                      |              |             |           | 100   | 16670  | 2      | -81.8        |       | 2                    | 33           | 125         | 2         |       |
| 150  |        |              |       |                      |              |             |           |       | 150  | 14092  | 1            | -62.1 | 6.5                  | 3            | 80          | 32        | 2     | 150  | 14310  | 2            | -66.3 |                      | 2            | 67          | 305       | 4     |
| 200  |        |              |       |                      |              |             |           |       | 200  | 12274  | 1            | -52.3 | 10.5                 |              |             |           | 200   | 12500  | 2      | -52.1        | 16.5  | 2                    | 80           | 295         | 4         |       |
| 300  |        |              |       |                      |              |             |           |       | 300  | 9570   | 0            | -36.8 | 11.7                 | 4            | 94          | 275       | 31    | 300  | 9760   | 2            | -30.0 | 17.9                 | 3            | 67          | 360       | 4     |
| 500  | 5875   | 19           | -13.3 | 9.4                  |              |             |           |       | 500  | 5828   | 0            | -10.5 | 16.9                 | 1            | 94          | 270       | 16    | 500  | 5917   | 1            | -5.2  | 7.9                  | 3            | 80          | 80        | 4     |
| 700  | 3149   | 19           | 11.1  |                      |              |             |           |       | 700  | 3142   | 0            | -38.7 | 22.3                 | 0            | 76          | 285       | 7     | 700  | 3187   | 1            | 12.8  | 7.8                  | 2            | 80          | 115       | 4     |
| 850  | 1501   | 19           | 15.5  | 7.0                  |              |             |           |       | 850  | 1494   | 0            | 19.6  | 25.5                 | 0            | 58          | 330       | 4     | 771  | *2324  |              | 21.5  | 9.1                  |              |             |           |       |
| 1008   | * 3    |              | 26.9  | 3.6                  |              |             |           |       | 987  | * 194  |              | 33.4  | 30.4                 |              |             |           |       |  |        |              |       |                      |              |             |           |       |



# 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 |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>AFRICA - KENYA</b><br>NAIROBI/DAGORETTI<br>63741 APR 1995 0118S 03645E OB 3       |        |              |       |                      |              |             |           |       | <b>AFRICA - CENTRAL AFRICAN REPUBLIC</b><br>BANGUI<br>64650 APR 1995 0424N 01831E OB / |        |              |       |                      |              |             |           |       | <b>AFRICA - MADAGASCAR</b><br>ANTANANARIVO/IVATO<br>67083 APR 1995 1848S 04729E OB /             |        |              |       |                      |              |             |           |       |
| 030  |        |              |       |                      |              |             |           |       | 030  |        |              |       |                      |              |             |           |       | 030  |        |              |       |                      |              |             |           |       |
| 050  |        |              |       |                      |              |             |           |       | 050  |        |              |       |                      |              |             |           |       | 050  |        |              |       |                      |              |             |           |       |
| 100  | 16606  | 22           | -32.5 |                      | 9            | 69          | 70        | 5     | 100  | 14285  | 22           | -66.7 |                      |              |             |           |       | 100  | 16573  | 1            | -78.2 |                      | 1            | 19          | 300       | 3     |
| 150  | 14257  | 2            | -16.9 |                      | 2            | 28          | 335       | 2     | 150  | 12482  | 22           | -51.9 |                      |              |             |           |       | 150  | 14193  | 0            | -65.5 |                      | 0            | 56          | 290       | 15    |
| 200  | 12459  | 1            | -2.3  |                      | 1            | 27          | 15        | 2     | 200  | 9730   | 22           | -29.7 | 8.1                  |              |             |           |       | 200  | 12396  | 0            | -53.0 |                      | 0            | 58          | 290       | 18    |
| 300  | 9703   | 0            | -80.1 | 17.5                 | 0            | 59          | 60        | 4     | 300  | 5886   | 0            | -5.0  | 5.4                  |              |             |           |       | 300  | 9665   | 0            | -32.6 | 14.8                 | 0            | 54          | 290       | 13    |
| 500  | 5863   | 0            | 5.1   | 10.4                 | 0            | 83          | 90        | 7     | 500  | 3170   | 0            | 11.2  | 7.7                  |              |             |           |       | 500  | 5866   | 0            | -6.4  | 16.3                 | 0            | 21          | 310       | 3     |
| 700  | 3142   | 0            | 9.2   | 2.4                  | 0            | 94          | 70        | 6     | 700  | 1512   | 0            | 21.4  | 5.4                  |              |             |           |       | 700  | 3159   | 0            | 8.7   | 9.3                  | 0            | 47          | 90        | 4     |
| 821  | *1798  |              | 16.3  | 1.4                  |              |             |           |       | 850  | *366   |              | 27.6  | 5.0                  |              |             |           |       | 850  | 1521   | 0            | 20.5  | 8.6                  | 0            | 80          | 90        | 4     |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       | 876  | *1276  |              | 24.9  | 10.4                 |              |             |           |       |
| <b>AFRICA - ZIMBABWE</b><br>HARARE (BELVEDERE)<br>67774 APR 1995 1750S 03101E OB 3   |        |              |       |                      |              |             |           |       | <b>AFRICA - ZIMBABWE</b><br>BULAWAYO (GOETZ OBSY.)<br>67964 APR 1995 2009S 02837E OB 3 |        |              |       |                      |              |             |           |       | <b>AFRICA - SOUTH AFRICA</b><br>PIETERSBURG<br>68174 APR 1995 2352S 02927E OB 3                  |        |              |       |                      |              |             |           |       |
| 030  |        |              |       |                      |              |             |           |       | 030  | 23859  | 12           | -54.9 |                      |              |             |           |       | 030  | 23822  | 4            | -56.2 |                      | 4            | 91          | 87        | 13    |
| 050  |        |              |       |                      |              |             |           |       | 050  | 20672  | 1            | -64.8 |                      |              |             |           |       | 050  | 20635  | 0            | -64.1 |                      | 1            | 79          | 86        | 9     |
| 100  | 16646  | 7            | -77.2 |                      | 9            | 99          | 272       | 20    | 100  | 16605  | 1            | -75.9 |                      |              |             |           |       | 100  | 16521  | 0            | -73.0 |                      | 1            | 94          | 262       | 39    |
| 150  | 14244  | 3            | -64.1 |                      | 9            | 98          | 263       | 22    | 150  | 14196  | 1            | -63.6 |                      |              |             |           |       | 150  | 14095  | 0            | -63.5 |                      | 1            | 93          | 260       | 56    |
| 200  | 12432  | 0            | -51.7 | 16.5                 | 4            | 96          | 269       | 24    | 200  | 12383  | 1            | -52.1 | 21.0                 |              |             |           |       | 200  | 12292  | 0            | -54.3 | 20.4                 | 1            | 88          | 256       | 54    |
| 300  | 9685   | 0            | -31.7 | 19.1                 | 0            | 91          | 270       | 16    | 300  | 9647   | 1            | -33.1 | 21.1                 |              |             |           |       | 300  | 9594   | 0            | -36.1 | 18.2                 | 1            | 85          | 258       | 39    |
| 500  | 5879   | 0            | -5.9  | 24.2                 | 0            | 71          | 270       | 5     | 500  | 5863   | 1            | -7.3  | 22.5                 |              |             |           |       | 500  | 5849   | 0            | -9.1  | 24.4                 | 1            | 46          | 260       | 10    |
| 700  | 3171   | 0            | 8.2   | 7.6                  | 0            | 82          | 104       | 2     | 700  | 3166   | 1            | 8.6   | 10.7                 |              |             |           |       | 700  | 3169   | 0            | 6.9   | 11.4                 | 1            | 24          | 211       | 4     |
| 850  | 1533   | 0            | 16.9  | 7.1                  | 0            | 73          | 69        | 4     | 850  | 1528   | 1            | 17.5  | 8.6                  |              |             |           |       | 850  | 1542   | 0            | 18.2  | 10.6                 | 0            | 51          | 51        | 5     |
| 856  | *1472  |              | 16.7  | 6.3                  |              |             |           |       | 869  | *1344  |              | 16.1  | 4.1                  |              |             |           |       | 882  | *1200  |              | 22.4  | 11.8                 |              |             |           |       |
| <b>AFRICA - SOUTH AFRICA</b><br>PRETORIA (IRENE)<br>68263 APR 1995 2555S 02813E OB 3 |        |              |       |                      |              |             |           |       | <b>AFRICA - SOUTH AFRICA</b><br>UPINGTON<br>68424 APR 1995 2824S 02116E OB 3           |        |              |       |                      |              |             |           |       | <b>AFRICA - SOUTH AFRICA</b><br>BLOEMFONTEIN (J.B.M.HERTZOG)<br>68442 APR 1995 2906S 02618E OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23816  | 5            | -55.1 |                      | 5            | 89          | 88        | 7     | 030  | 23844  | 0            | -54.9 |                      | 0            | 69          | 75        | 5     | 030  | 23834  | 1            | -55.3 |                      | 1            | 63          | 91        | 4     |
| 050  | 20622  | 3            | -63.6 |                      | 3            | 5           | 46        | 0     | 050  | 20642  | 0            | -62.9 |                      | 0            | 51          | 283       | 3     | 050  | 20632  | 0            | -62.0 |                      | 0            | 60          | 280       | 4     |
| 100  | 16485  | 1            | -70.9 |                      | 1            | 89          | 267       | 18    | 100  | 16476  | 0            | -70.1 |                      | 0            | 91          | 269       | 19    | 100  | 16445  | 0            | -68.8 |                      | 0            | 92          | 267       | 20    |
| 150  | 14046  | 0            | -63.5 |                      | 0            | 82          | 260       | 27    | 150  | 14030  | 0            | -63.0 |                      | 0            | 89          | 265       | 30    | 150  | 13987  | 0            | -62.2 |                      | 0            | 90          | 263       | 30    |
| 200  | 12246  | 0            | -55.2 | 19.0                 | 0            | 81          | 256       | 29    | 200  | 12230  | 0            | -55.3 | 18.3                 | 0            | 88          | 263       | 31    | 200  | 12186  | 0            | -55.5 | 18.8                 | 0            | 86          | 257       | 33    |
| 300  | 9561   | 0            | -37.2 | 18.8                 | 0            | 70          | 258       | 20    | 300  | 9553   | 0            | -37.5 | 17.8                 | 0            | 81          | 257       | 20    | 300  | 9516   | 0            | -38.6 | 17.6                 | 0            | 81          | 260       | 23    |
| 500  | 5832   | 0            | -10.1 | 25.0                 | 0            | 73          | 256       | 11    | 500  | 5826   | 0            | -10.0 | 29.6                 | 0            | 80          | 269       | 11    | 500  | 5810   | 0            | -11.2 | 23.3                 | 0            | 83          | 268       | 13    |
| 700  | 3160   | 0            | 6.7   | 10.8                 | 1            | 65          | 266       | 6     | 700  | 3151   | 0            | 6.7   | 18.9                 | 0            | 78          | 280       | 6     | 700  | 3147   | 0            | 5.6   | 14.4                 | 0            | 69          | 270       | 6     |
| 850  | 1537   | 10           | 12.8  | 4.9                  | 9            | 57          | 123       | 2     | 850  | 1524   | 0            | 18.4  | 19.9                 | 0            | 6           | 156       | 1     | 850  | 1526   | 0            | 13.9  | 10.5                 | 9            | 25          | 53        | 1     |
| 851  | *1500  |              | 12.5  | 4.3                  |              |             |           |       | 920  | *800   |              | 17.0  | 10.1                 |              |             |           |       | 868  | *1400  |              | 9.3   | 4.9                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>AFRICA - SOUTH AFRICA</b><br>DURBAN (LOUIS BOTHA)<br>68588 APR 1995 2958S 03057E OB 3 |        |              |       |                      |              |             |           |       | <b>AFRICA - SOUTH AFRICA</b><br>CAPE TOWN (D.F. MALAN)<br>68816 APR 1995 3359S 01836E OB 3 |        |              |       |                      |              |             |           |       | <b>AFRICA - SOUTH AFRICA</b><br>PORT ELIZABETH<br>68842 APR 1995 3359S 02536E OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23848  | 4            | -55.6 |                      | 4            | 54          | 81        | 3     | 030  | 23836  | 4            | -53.9 |                      | 4            | 68          | 288       | 6     | 030  | 23867  | 10           | -54.8 |                      | 9            | 51          | 320       | 3     |
| 050  | 20640  | 0            | -61.4 |                      | 0            | 60          | 287       | 4     | 050  | 20612  | 1            | -60.6 |                      | 1            | 88          | 278       | 10    | 050  | 20636  | 3            | -59.8 |                      | 4            | 82          | 278       | 8     |
| 100  | 16429  | 0            | -67.6 |                      | 0            | 91          | 270       | 20    | 100  | 16373  | 0            | -65.6 |                      | 0            | 91          | 266       | 21    | 100  | 16377  | 1            | -64.4 |                      | 1            | 90          | 265       | 19    |
| 150  | 13958  | 0            | -62.0 |                      | 0            | 89          | 264       | 27    | 150  | 13887  | 0            | -61.1 |                      | 0            | 89          | 264       | 29    | 150  | 13877  | 0            | -60.5 |                      | 1            | 89          | 264       | 27    |
| 200  | 12155  | 0            | -55.9 | 18.6                 | 0            | 80          | 255       | 27    | 200  | 12090  | 0            | -57.6 | 15.8                 | 0            | 86          | 258       | 28    | 200  | 12073  | 0            | -57.3 | 17.0                 | 1            | 85          | 259       | 26    |
| 300  | 9496   | 0            | -39.6 | 16.2                 | 0            | 66          | 263       | 17    | 300  | 9447   | 0            | -40.6 | 15.8                 | 0            | 83          | 262       | 21    | 300  | 9434   | 0            | -41.1 | 16.5                 | 1            | 85          | 264       | 20    |
| 500  | 5801   | 0            | -11.9 | 23.1                 | 0            | 68          | 258       | 10    | 500  | 5767   | 0            | -12.8 | 21.2                 | 1            | 80          | 262       | 12    | 500  | 5763   | 0            | -13.5 | 21.6                 | 0            | 83          | 263       | 12    |
| 700  | 3146   | 0            | 4.2   | 10.5                 | 0            | 60          | 250       | 6     | 700  | 3118   | 0            | 4.1   | 29.7                 | 1            | 51          | 271       | 6     | 700  | 3124   | 0            | 3.1   | 17.5                 | 1            | 77          | 276       | 7     |
| 850  | 1538   | 0            | 13.3  | 6.5                  | 0            | 16          | 173       | 1     | 850  | 1515   | 0            | 12.4  | 18.7                 | 1            | 12          | 200       | 1     | 850  | 1526   | 0            | 11.4  | 10.3                 | 0            | 13          | 223       | 1     |
| 1016   | * 0    |              | 18.7  | 2.2                  |              |             |           |       | 1012   | * 0    |              | 13.1  | 3.2                  |              |             |           |       | 1011   | * 0    |              | 14.2  | 2.5                  |              |             |           |       |
| <b>AFRICA - SOUTH AFRICA</b><br>MARION ISLAND<br>68994 APR 1995 4653S 03752E OB 3        |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br>BARROW/W. POST W. ROGERS<br>70026 APR 1995 7118N 15647W OB 3     |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br>KOTZEBUE, RALPH WIEN<br>70133 APR 1995 6652N 16238W OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23733  | 6            | -53.9 |                      | 6            | 96          | 284       | 13    | 030  | 20432  | 5            | -49.8 | 14.4                 | 5            | 32          | 171       | 2     | 030  | 23881  | 6            | -46.6 | 13.7                 | 6            | 65          | 137       | 5     |
| 050  | 20465  | 0            | -55.6 |                      | 0            | 97          | 284       | 18    | 050  | 15918  | 2            | -50.7 | 14.1                 | 5            | 61          | 192       | 5     | 050  | 20502  | 6            | -47.8 | 13.2                 | 6            | 67          | 147       | 4     |
| 100  | 16065  | 0            | -56.1 |                      | 0            | 94          | 279       | 24    | 100  | 13275  | 2            | -50.1 | 13.9                 | 5            | 73          | 198       | 7     | 100  | 15940  | 1            | -49.2 | 13.3                 | 1            | 71          | 172       | 6     |
| 150  | 13478  | 0            | -54.5 |                      | 0            | 87          | 277       | 28    | 150  | 11396  | 2            | -50.2 | 13.2                 | 5            | 73          | 197       | 7     | 150  | 13284  | 1            | -49.5 | 12.9                 | 1            | 81          | 185       | 8     |
| 200  | 11634  | 0            | -54.8 | 18.3                 | 1            | 84          | 277       | 31    | 200  | 8775   | 0            | -51.9 | 9.6                  | 2            | 59          | 207       | 9     | 200  | 11401  | 1            | -50.0 | 12.0                 | 1            | 78          | 189       | 9     |
| 300  | 9012   | 0            | -46.4 | 12.8                 | 1            | 76          | 272       | 34    | 300  | 5332   | 0            | -31.5 | 7.9                  | 1            | 51          | 187       | 6     | 300  | 8773   | 0            | -51.8 | 9.7                  | 0            | 62          | 187       | 11    |
| 500  | 5444   | 0            | -22.2 | 12.6                 | 0            | 81          | 274       | 27    | 500  | 2875   | 0            | -16.3 | 7.8                  | 0            | 54          | 173       | 5     | 500  | 5319   | 0            | -30.7 | 9.4                  | 1            | 77          | 181       | 10    |
| 700  | 2903   | 0            | -8.2  | 15.2                 | 0            | 88          | 270       | 21    | 700  | 1392   | 0            | -8.5  | 7.3                  | 0            | 46          | 150       | 4     | 700  | 2853   | 0            | -15.0 | 7.1                  | 1            | 78          | 176       | 7     |
| 850  | 1374   | 0            | -1    | 8.3                  | 1            | 87          | 272       | 19    | 850  | * 4    |              | -14.8 | 2.2                  |              |             |           |       | 850  | 1360   | 0            | -6.9  | 4.9                  | 0            | 60          | 159       | 4     |
| 1005   | * 0    |              | 5.2   | 4.4                  |              |             |           |       | 1016   | * 4    |              | -14.8 | 2.2                  |              |             |           |       | 1010   | * 5    |              | -6.9  | 3.0                  |              |             |           |       |
| <b>N AMERICA - USA</b><br>NOME<br>70200 APR 1995 6430N 16526W OB 3                       |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br>BETHEL/BETHEL AIRPORT, AK.<br>70219 APR 1995 6047N 16148W OB 3   |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br>ANCHORAGE/INT.<br>70273 APR 1995 6110N 15001W OB 3       |        |              |       |                      |              |             |           |       |
| 030  | 23660  | 4            | -52.2 | 12.4                 | 4            | 65          | 114       | 5     | 030  | 23729  | 8            | -51.3 | 13.9                 | 9            | 84          | 103       | 4     | 030  | 23651  | 9            | -53.6 | 12.1                 | 9            | 71          | 88        | 4     |
| 050  | 20351  | 4            | -51.2 | 12.5                 | 4            | 59          | 139       | 4     | 050  | 20414  | 7            | -51.6 | 13.8                 | 7            | 62          | 134       | 3     | 050  | 20381  | 7            | -53.6 | 12.2                 | 7            | 49          | 126       | 3     |
| 100  | 15856  | 1            | -51.3 | 12.4                 | 1            | 69          | 166       | 6     | 100  | 15893  | 2            | -51.8 | 13.5                 | 2            | 72          | 183       | 5     | 100  | 15937  | 1            | -52.9 | 12.2                 | 1            | 67          | 182       | 5     |
| 150  | 13232  | 0            | -51.2 | 11.9                 | 2            | 77          | 179       | 7     | 150  | 13271  | 1            | -51.2 | 13.1                 | 1            | 75          | 196       | 7     | 150  | 13316  | 0            | -52.5 | 11.8                 | 0            | 70          | 191       | 7     |
| 200  | 11362  | 0            | -51.4 | 11.3                 | 2            | 69          | 183       | 7     | 200  | 11400  | 0            | -51.5 | 11.8                 | 1            | 59          | 193       | 6     | 200  | 11458  | 0            | -52.8 | 10.8                 | 0            | 53          | 193       | 7     |
| 300  | 8744   | 0            | -51.9 | 9.4                  | 1            | 51          | 179       | 8     | 300  | 8777   | 1            | -51.3 | 7.9                  | 1            | 62          | 190       | 10    | 300  | 8849   | 0            | -51.9 | 8.5                  | 0            | 46          | 195       | 9     |
| 500  | 5299   | 0            | -31.1 | 7.9                  | 1            | 67          | 169       | 7     | 500  | 5318   | 0            | -30.3 | 6.9                  | 0            | 69          | 182       | 7     | 500  | 5380   | 0            | -28.8 | 7.8                  | 0            | 46          | 173       | 6     |
| 700  | 2832   | 0            | -15.0 | 7.5                  | 0            | 69          | 170       | 6     | 700  | 2842   | 0            | -13.8 | 5.3                  | 1            | 72          | 181       | 6     | 700  | 2893   | 0            | -12.8 | 5.1                  | 0            | 68          | 151       | 7     |
| 850  | 1340   | 0            | -6.5  | 4.5                  | 0            | 61          | 149       | 5     | 850  | 1341   | 0            | -5.0  | 3.8                  | 1            | 52          | 160       | 4     | 850  | 1384   | 0            | -2.8  | 6.9                  | 2            | 64          | 128       | 5     |
| 1006   | * 7    |              | -4.7  | 2.5                  |              |             |           |       | 1001   | * 46   |              | -1.9  | 1.8                  |              |             |           |       | 1003   | * 40   |              | 2.5   | 4.3                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 |
|  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>N AMERICA - USA</b><br><b>COLD BAY</b><br>70316 APR 1995 5512N 16243W OB 3              |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br><b>YAKUTAT</b><br>70361 APR 1995 5931N 13940W OB 3                    |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br><b>SHEMYA AFB</b><br>70414 APR 1995 5243N 17406E OB 3                 |        |              |       |                      |              |             |           |       |
| 030  |        |              |       |                      |              |             |           |       | 030   | 23702  | 8            | -53.9 | 14.2                 | 8            | 71          | 74        | 4     | 030   |        |              |       |                      |              |             |           |       |
| 050  | 20312  | 13           | -53.1 | 14.8                 |              |             |           |       | 050   | 20420  | 8            | -53.5 | 14.1                 | 8            | 36          | 135       | 2     | 050   |        |              |       |                      |              |             |           |       |
| 100  | 15905  | 1            | -53.9 | 13.7                 | 2            | 67          | 221       | 7     | 100   | 15980  | 1            | -53.8 | 13.4                 | 2            | 40          | 198       | 3     | 100   |        |              |       |                      |              |             |           |       |
| 150  | 13298  | 1            | -53.3 | 13.3                 | 3            | 64          | 224       | 9     | 150   | 13367  | 0            | -52.6 | 12.8                 | 1            | 44          | 210       | 4     | 150   |        |              |       |                      |              |             |           |       |
| 200  | 11448  | 1            | -53.6 | 12.4                 | 4            | 52          | 231       | 8     | 200   | 11515  | 0            | -54.0 | 11.2                 | 1            | 40          | 233       | 5     | 200   |        |              |       |                      |              |             |           |       |
| 300  | 8831   | 1            | -49.5 | 10.4                 | 3            | 53          | 251       | 11    | 300   | 8916   | 0            | -51.0 | 8.6                  | 1            | 39          | 230       | 7     | 300   |        |              |       |                      |              |             |           |       |
| 500  | 5336   | 1            | -28.2 | 10.7                 | 2            | 51          | 246       | 7     | 500   | 5428   | 0            | -27.1 | 8.0                  | 0            | 47          | 189       | 5     | 500   | 5294   | 7            | -30.2 | 9.0                  | 7            | 73          | 259       | 11    |
| 700  | 2843   | 0            | -12.9 | 9.8                  | 1            | 48          | 224       | 4     | 700   | 2923   | 0            | -11.3 | 7.4                  | 2            | 57          | 156       | 5     | 700   | 2824   | 7            | -15.0 | 7.8                  | 7            | 54          | 256       | 7     |
| 850  | 1339   | 0            | -4.6  | 6.0                  | 2            | 25          | 263       | 2     | 850   | 1407   | 0            | -2.1  | 6.0                  | 2            | 69          | 134       | 6     | 850   | 1335   | 7            | -7.7  | 3.9                  | 7            | 44          | 250       | 5     |
| 1002   | * 31   |              | -6    | .9                   |              |             |           |       | 1010  | * 9    |              | 1.0   | .9                   |              |             |           |       | 1002  | * 31   |              | .8    | 2.7                  |              |             |           |       |
| <b>N AMERICA - USA</b><br><b>BROWNSVILLE/INTL, TX.</b><br>72250 APR 1995 2554N 09726W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br><b>NASHVILLE/OLD HICKORY, TN.</b><br>72327 APR 1995 3615N 08634W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br><b>MONETT, MO.</b><br>72349 APR 1995 3653N 09354W OB 3                |        |              |       |                      |              |             |           |       |
| 030  | 23719  | 4            | -56.2 | 12.4                 | 8            | 23          | 33        | 1     | 030   | 23714  | 7            | -56.5 | 11.6                 |              |             |           |       | 030   | 23725  | 1            | -56.5 | 11.4                 | 1            | 41          | 298       | 2     |
| 050  | 20557  | 1            | -66.7 | 10.6                 | 5            | 64          | 235       | 4     | 050   | 20511  | 1            | -61.9 | 10.2                 |              |             |           |       | 050   | 20521  | 0            | -60.8 | 10.1                 | 2            | 87          | 269       | 6     |
| 100  | 16460  | 0            | -71.3 | 9.7                  | 5            | 97          | 252       | 25    | 100   | 16265  | 2            | -62.8 | 9.8                  |              |             |           |       | 100   | 16243  | 0            | -61.8 | 9.7                  | 3            | 96          | 264       | 23    |
| 150  | 14022  | 0            | -63.3 | 11.0                 | 4            | 96          | 253       | 34    | 150   | 13742  | 1            | -59.2 | 9.7                  |              |             |           |       | 150   | 13707  | 0            | -58.1 | 9.7                  | 4            | 96          | 264       | 31    |
| 200  | 12224  | 0            | -54.9 | 12.3                 | 3            | 96          | 250       | 39    | 200   | 11940  | 0            | -58.2 | 9.2                  |              |             |           |       | 200   | 11901  | 0            | -59.0 | 9.0                  | 4            | 91          | 263       | 35    |
| 300  | 9531   | 0            | -36.8 | 15.5                 | 4            | 96          | 251       | 29    | 300   | 9312   | 0            | -43.3 | 10.0                 | 3            | 91          | 266       | 27    | 300   | 9281   | 0            | -43.7 | 10.8                 | 3            | 87          | 261       | 27    |
| 500  | 5804   | 0            | -11.3 | 17.9                 | 0            | 91          | 258       | 14    | 500   | 5674   | 0            | -16.8 | 14.1                 | 0            | 88          | 263       | 20    | 500   | 5654   | 0            | -17.3 | 13.6                 | 2            | 87          | 264       | 19    |
| 700  | 3121   | 0            | 9.2   | 20.3                 | 0            | 71          | 231       | 6     | 700   | 3062   | 0            | -1.1  | 11.7                 | 0            | 78          | 260       | 11    | 700   | 3045   | 1            | .0    | 13.6                 | 2            | 76          | 263       | 11    |
| 850  | 1487   | 0            | 17.3  | 15.5                 | 2            | 66          | 173       | 7     | 850   | 1483   | 0            | 8.0   | 10.4                 | 0            | 75          | 259       | 9     | 850   | 1462   | 0            | 8.4   | 11.2                 | 0            | 74          | 249       | 9     |
| 1009   | * 6    |              | 19.5  | 1.5                  |              |             |           |       | 993   | * 0    |              | 10.9  | 3.9                  |              |             |           |       | 961   | * 437  |              | 8.3   | 3.2                  |              |             |           |       |
| <b>N AMERICA - USA</b><br><b>STERLING, VA.</b><br>72403 APR 1995 3859N 07728W OB 3         |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br><b>SULPHUR GROVE, OH.</b><br>72429 APR 1995 3952N 08407W OB 3         |        |              |       |                      |              |             |           |       | <b>N AMERICA - USA</b><br><b>NORTH PLATTE/LEE BIRD, NE.</b><br>72562 APR 1995 4108N 10041W OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23720  | 4            | -56.5 | 12.1                 | 6            | 49          | 312       | 2     | 030   | 23731  | 4            | -55.7 | 12.0                 | 0            | 59          | 312       | 4     | 030   | 23686  | 11           | -55.9 | 13.3                 |              |             |           |       |
| 050  | 20514  | 2            | -60.3 | 11.1                 | 5            | 90          | 283       | 6     | 050   | 20507  | 3            | -59.2 | 11.1                 | 9            | 79          | 282       | 5     | 050   | 20462  | 10           | -58.7 | 12.1                 | 0            | 77          | 266       | 4     |
| 100  | 16217  | 1            | -60.4 | 10.8                 | 7            | 96          | 273       | 21    | 100   | 16191  | 0            | -59.8 | 10.8                 | 9            | 94          | 271       | 20    | 100   | 16124  | 3            | -57.5 | 12.3                 | 5            | 91          | 262       | 15    |
| 150  | 13672  | 1            | -57.1 | 10.9                 | 7            | 95          | 273       | 28    | 150   | 13634  | 0            | -56.0 | 10.5                 | 0            | 96          | 273       | 27    | 150   | 13546  | 2            | -55.6 | 11.9                 | 3            | 90          | 261       | 20    |
| 200  | 11852  | 1            | -57.3 | 9.9                  | 5            | 93          | 274       | 38    | 200   | 11814  | 0            | -58.2 | 9.2                  | 9            | 95          | 272       | 37    | 200   | 11728  | 0            | -58.2 | 10.0                 | 0            | 85          | 263       | 23    |
| 300  | 9225   | 0            | -44.4 | 10.9                 | 1            | 93          | 272       | 33    | 300   | 9197   | 0            | -44.8 | 9.6                  | 7            | 91          | 270       | 30    | 300   | 9136   | 0            | -47.9 | 9.6                  | 0            | 75          | 261       | 19    |
| 500  | 5615   | 0            | -18.7 | 13.1                 | 0            | 92          | 273       | 22    | 500   | 5596   | 0            | -19.1 | 9.8                  | 2            | 86          | 268       | 22    | 500   | 5567   | 0            | -20.6 | 10.5                 | 0            | 75          | 274       | 12    |
| 700  | 3025   | 0            | -2.9  | 14.0                 | 0            | 86          | 274       | 15    | 700   | 3011   | 0            | -3.3  | 8.2                  | 1            | 82          | 269       | 15    | 700   | 2991   | 0            | -3.6  | 9.7                  | 0            | 62          | 294       | 7     |
| 850  | 1465   | 0            | 4.4   | 9.1                  | 0            | 75          | 280       | 9     | 850   | 1452   | 0            | 4.1   | 7.7                  | 0            | 78          | 261       | 11    | 850   | 1435   | 0            | 3.2   | 7.1                  | 3            | 30          | 348       | 3     |
| 1005   | * 0    |              | 5.3   | 3.4                  |              |             |           |       | 978   | * 0    |              | 6.1   | 3.4                  |              |             |           |       | 913   | * 849  |              | 1.3   | 2.0                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 |
| N AMERICA - USA<br>MEDFORD/MEDFORD- JACKSON COU<br>72597 APR 1995 4222N 12252W OB 3 |        |              |       |                      |              |             |           |       | N AMERICA - USA<br>ST.CLOUD/WHITNEY, MN.<br>72655 APR 1995 4533N 09404W OB 3   |        |              |      |                      |              |             |           |       | N AMERICA - USA<br>INT.FALLS/FALLS INT.MN.<br>72747 APR 1995 4834N 09323W OB 3  |        |              |       |                      |              |             |           |       |     |     |    |
| 030   | 23688  | 11           | -56.5 | 13.1                 |              | 7           | 68        | 257   | 3  | 030    | 23712        | 8    | -56.0                | 13.4         | 8           | 52        | 307   | 2   | 030    | 23681        | 5     | -55.6                | 13.1         | 5           | 45        | 321   | 2   |     |    |
| 050   | 20467  | 6            | -58.2 | 12.3                 |              | 7           | 91        | 270   | 13   | 050    | 20479        | 7    | -57.3                | 13.1         | 7           | 74        | 283   | 4   | 050    | 20430        | 5     | -55.8                | 12.9         | 5           | 73        | 300   | 4   |     |    |
| 100   | 16113  | 1            | -58.1 | 12.1                 |              | 4           | 91        | 270   | 13   | 100    | 16082        | 2    | -55.1                | 13.1         | 2           | 91        | 268   | 14  | 100    | 16015        | 2     | -53.5                | 13.1         | 2           | 86        | 277   | 11  |     |    |
| 150   | 13544  | 1            | -56.2 | 11.9                 |              | 3           | 88        | 275   | 19   | 150    | 13475        | 1    | -53.2                | 13.2         | 1           | 89        | 268   | 19  | 150    | 13399        | 2     | -52.6                | 12.7         | 2           | 91        | 275   | 15  |     |    |
| 200   | 11727  | 1            | -57.4 | 11.0                 |              | 3           | 83        | 276   | 22   | 200    | 11632        | 0    | -55.6                | 10.8         | 2           | 85        | 264   | 24  | 200    | 11546        | 2     | -53.8                | 11.5         | 2           | 88        | 272   | 19  |     |    |
| 300   | 9120   | 1            | -47.4 | 9.9                  |              | 2           | 73        | 272   | 21   | 300    | 9036         | 0    | -49.2                | 9.1          | 1           | 71        | 277   | 21  | 300    | 8945         | 2     | -50.7                | 9.7          | 2           | 80        | 285   | 20  |     |    |
| 500   | 5574   | 0            | -21.8 | 11.9                 |              | 0           | 68        | 266   | 12   | 500    | 5497         | 0    | -23.3                | 9.8          | 0           | 76        | 288   | 15  | 500    | 5439         | 2     | -26.1                | 8.6          | 2           | 76        | 289   | 12  |     |    |
| 700   | 3019   | 0            | -6.4  | 11.9                 |              | 0           | 67        | 259   | 8  | 700    | 2953         | 0    | -8.0                 | 9.1          | 0           | 63        | 297   | 8   | 700    | 2928         | 1     | -11.8                | 10.5         | 1           | 63        | 307   | 6   |     |    |
| 850   | 1475   | 0            | 2.4   | 4.9                  |              | 0           | 49        | 234   | 3  | 850    | 1427         | 0    | -2.3                 | 6.7          | 2           | 30        | 356   | 3   | 850    | 1425         | 1     | -5.8                 | 7.9          | 2           | 19        | 343   | 2   |     |    |
| 970   | * 405  |              | 5.2   | 1.2                  |              |             |           |       |  | 976    | * 312        |      | .0                   | 3.9          |             |           |       |   | 971    | * 361        |       | -3.1                 | 2.9          |             |           |       |     |     |    |
| N AMERICA - USA<br>BISMARCK/MUN., ND.<br>72764 APR 1995 4646N 10045W OB 3           |        |              |       |                      |              |             |           |       | N AMERICA - USA<br>SPOKANE/INT., WA.<br>72785 APR 1995 4738N 11732W OB 3       |        |              |      |                      |              |             |           |       | N AMERICA - USA<br>QUILLAYUTE, WA.<br>72797 APR 1995 4756N 12433W OB            |        |              |       |                      |              |             |           |       |     |     |    |
| 030   | 23668  | 4            | -56.6 | 13.4                 |              | 5           | 55        | 347   | 2  | 030    | 23673        | 10   | -56.1                | 12.6         |             |           |       |   | 030    | 23674        | 3     | -56.0                | 13.8         |             | 4         | 26    | 92  | 1   |    |
| 050   | 20438  | 3            | -57.1 | 13.0                 |              | 5           | 85        | 297   | 5  | 050    | 20436        | 5    | -56.7                | 12.5         |             | 5         | 44    | 271   | 2      | 050          | 20431 | 2                    | -57.0        | 13.2        |           | 2     | 51  | 256 | 2  |
| 100   | 16037  | 0            | -55.0 | 12.8                 |              | 1           | 84        | 270   | 10   | 100    | 16036        | 0    | -55.6                | 12.0         |             | 0         | 82    | 273   | 8      | 100          | 16037 | 1                    | -56.0        | 13.1        |           | 1     | 86  | 270 | 8  |
| 150   | 13443  | 1            | -54.3 | 12.1                 |              | 4           | 87        | 270   | 13   | 150    | 13448        | 0    | -54.8                | 11.5         |             | 0         | 81    | 280   | 11     | 150          | 13452 | 1                    | -55.2        | 12.6        |           | 1     | 82  | 276 | 12 |
| 200   | 11608  | 0            | -56.9 | 10.1                 |              | 4           | 80        | 270   | 17   | 200    | 11615        | 0    | -57.1                | 10.1         |             | 0         | 70    | 283   | 13     | 200          | 11623 | 1                    | -57.0        | 11.0        |           | 2     | 77  | 284 | 16 |
| 300   | 9036   | 0            | -50.9 | 7.5                  |              | 1           | 68        | 272   | 18   | 300    | 9039         | 0    | -51.0                | 8.3          |             | 0         | 56    | 270   | 13     | 300          | 9039  | 0                    | -49.4        | 9.8         |           | 0     | 61  | 275 | 15 |
| 500   | 5504   | 0            | -23.5 | 7.0                  |              | 1           | 66        | 284   | 11   | 500    | 5521         | 0    | -24.4                | 9.1          |             | 2         | 63    | 263   | 9      | 500          | 5510  | 0                    | -24.6        | 10.9        |           | 0     | 50  | 261 | 8  |
| 700   | 2963   | 0            | -7.7  | 7.4                  |              | 1           | 64        | 302   | 8  | 700    | 2989         | 0    | -8.4                 | 6.2          |             | 1         | 57    | 245   | 4      | 700          | 2980  | 0                    | -8.5         | 10.0        |           | 1     | 57  | 231 | 5  |
| 850   | 1437   | 0            | -1.7  | 5.7                  |              | 3           | 29        | 347   | 3  | 850    | 1452         | 0    | 2.3                  | 8.6          |             | 4         | 20    | 217   | 2      | 850          | 1449  | 0                    | .1           | 6.4         |           | 0     | 51  | 196 | 4  |
| 954   | * 506  |              | -2    | 2.2                  |              |             |           |       |  | 930    | * 721        |      | 3.5                  | 4.3          |             |           |       |   | 1008   | * 62         |       | 5.1                  | .7           |             |           |       |     |     |    |
| N AMERICA - CANADA<br>NORMAN WELLS UA, N.W.T.<br>71043 APR 1995 6517N 12645W OB 3   |        |              |       |                      |              |             |           |       | N AMERICA - CANADA<br>MOULD BAY UA, N.W.T.<br>71072 APR 1995 7615N 11921W OB 3 |        |              |      |                      |              |             |           |       | N AMERICA - CANADA<br>HALL BEACH UA, N.W.T.<br>71081 APR 1995 6846N 08113W OB 3 |        |              |       |                      |              |             |           |       |     |     |    |
| 030   | 23766  | 1            | -52.5 | 30.7                 |              | 1           | 59        | 31    | 5  | 030    | 23742        | 0    | -50.4                | 29.3         |             | 1         | 82    | 344   | 11     | 030          | 23529 | 6                    | -56.8        | 27.3        |           | 6     | 63  | 331 | 11 |
| 050   | 20467  | 0            | -52.7 | 30.5                 |              | 0           | 25        | 342   | 2  | 050    | 20421        | 0    | -51.7                | 28.6         |             | 1         | 89    | 328   | 9      | 050          | 20311 | 6                    | -58.5        | 26.7        |           | 6     | 74  | 312 | 11 |
| 100   | 15999  | 0            | -52.8 | 29.0                 |              | 0           | 44        | 301   | 3  | 100    | 15928        | 0    | -51.4                | 28.0         |             | 1         | 67    | 307   | 7      | 100          | 15928 | 6                    | -55.4        | 27.2        |           | 6     | 67  | 299 | 6  |
| 150   | 13377  | 0            | -51.8 | 26.6                 |              | 0           | 54        | 297   | 4  | 150    | 13297        | 0    | -51.4                | 25.9         |             | 1         | 54    | 298   | 5      | 150          | 13326 | 6                    | -53.0        | 25.4        |           | 6     | 35  | 294 | 3  |
| 200   | 11515  | 0            | -52.7 | 19.7                 |              | 0           | 69        | 297   | 6  | 200    | 11431        | 0    | -52.0                | 20.1         |             | 0         | 41    | 283   | 5      | 200          | 11470 | 6                    | -53.6        | 18.9        |           | 5     | 9   | 249 | 1  |
| 300   | 8917   | 0            | -52.2 | 10.1                 |              | 0           | 61        | 309   | 9  | 300    | 8828         | 0    | -53.4                | 10.1         |             | 0         | 30    | 259   | 5      | 300          | 8873  | 6                    | -51.9        | 11.2        |           | 5     | 11  | 100 | 2  |
| 500   | 5438   | 0            | -28.0 | 11.1                 |              | 1           | 59        | 292   | 5  | 500    | 5394         | 0    | -31.5                | 9.6          |             | 0         | 18    | 250   | 3      | 500          | 5404  | 6                    | -29.2        | 12.0        |           | 5     | 27  | 98  | 4  |
| 700   | 2939   | 0            | -11.9 | 12.2                 |              | 0           | 56        | 256   | 3  | 700    | 2933         | 0    | -16.3                | 11.8         |             | 0         | 14    | 228   | 2      | 700          | 2923  | 6                    | -14.5        | 11.8        |           | 5     | 30  | 86  | 3  |
| 850   | 1427   | 0            | -3.1  | 10.3                 |              | 0           | 44        | 189   | 3  | 850    | 1451         | 0    | -9.9                 | 10.7         |             | 0         | 15    | 192   | 2      | 850          | 1432  | 6                    | -8.6         | 8.6         |           | 5     | 39  | 67  | 4  |
| 1008  | * 95   |              | -6.2  | 4.5                  |              |             |           |       |  | 1024   | * 58         |      | -17.7                | 4.1          |             |           |       |   | 1021   | * 6          |       | -13.9                | 3.0          |             |           |       |     |     |    |

# 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 |
| <b>N AMERICA - CANADA</b><br>ALERT UA, N.W.T.<br>71082 APR 1995 8230N 06220W OB 3    |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>PORT HARDY UA, B.C.<br>71109 APR 1995 5041N 12722W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>EDMONTON (STONY PLAIN), ALTA<br>71119 APR 1995 5332N 11406W OB 3 |        |              |       |                      |              |             |           |       |     |
| 030  | 23563  | 1            | -50.0 | 31.6                 | 2            | 65          | 43        | 11    | 030  | 23729  | 2            | -54.8 | 25.5                 | 4            | 24          | 84        | 1     | 030   | 23717  | 12           | -55.2 | 21.0                 |              |             | 22        | 328   | 1   |
| 050  | 20244  | 1            | -52.6 | 29.7                 | 3            | 70          | 32        | 10    | 050  | 20467  | 2            | -55.5 | 24.8                 | 4            | 35          | 282       | 2     | 050   | 20461  | 6            | -55.2 | 22.0                 |              |             | 15        | 270   | 1   |
| 100  | 15798  | 0            | -55.2 | 27.4                 |              | 72          | 3         | 8     | 100  | 16047  | 1            | -54.6 | 22.9                 | 2            | 63          | 273       | 6     | 100   | 16011  | 0            | -52.9 | 13.0                 | 1            | 50          | 281       | 5     |     |
| 150  | 13209  | 0            | -54.5 | 24.8                 |              | 60          | 348       | 6     | 150  | 13443  | 0            | -54.4 | 19.7                 | 1            | 64          | 273       | 9     | 150   | 13396  | 0            | -52.7 | 12.3                 | 1            | 58          | 286       | 7     |     |
| 200  | 11367  | 0            | -55.1 | 19.8                 |              | 44          | 335       | 5     | 200  | 11604  | 0            | -55.3 | 15.2                 | 1            | 61          | 279       | 12    | 200   | 11542  | 0            | -54.1 | 11.0                 | 1            | 58          | 281       | 9     |     |
| 300  | 8785   | 0            | -54.6 | 9.0                  |              | 30          | 306       | 5     | 300  | 8998   | 0            | -49.8 | 9.5                  | 0            | 58          | 269       | 13    | 300   | 8955   | 1            | -52.3 | 8.1                  | 2            | 55          | 274       | 12    |     |
| 500  | 5364   | 0            | -32.3 | 8.9                  | 2            | 35          | 320       | 5     | 500  | 5486   | 0            | -25.8 | 8.7                  | 0            | 44          | 246       | 6     | 500   | 5466   | 0            | -27.4 | 7.0                  | 1            | 57          | 288       | 7     |     |
| 700  | 2918   | 0            | -18.4 | 9.7                  | 1            | 22          | 348       | 2     | 700  | 2964   | 0            | -9.4  | 11.0                 | 0            | 47          | 204       | 4     | 700   | 2960   | 0            | -10.9 | 5.2                  | 1            | 51          | 290       | 5     |     |
| 850  | 1451   | 0            | -12.4 | 9.1                  | 0            | 30          | 11        | 2     | 850  | 1437   | 0            | -3    | 7.0                  | 0            | 49          | 183       | 4     | 850   | 1439   | 0            | -9    | 6.2                  | 0            | 18          | 300       | 2     |     |
| 1019   | * 65   |              | -15.6 | 3.6                  |              |             |           |       | 1012   | * 17   |              | 4.8   | 1.4                  |              |             |           |       | 925   | * 766  |              | -7    | 2.7                  |              |             |           |       |     |
| <b>N AMERICA - CANADA</b><br>SABLE ISLAND, N.S.<br>71600 APR 1995 4356N 06001W OB 3  |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>YARMOUTH, N.S.<br>71603 APR 1995 4352N 06606W OB 3      |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>MANIWAKI, QUE.<br>71722 APR 1995 4623N 07558W OB 3               |        |              |       |                      |              |             |           |       |     |
| 030  | 23701  | 2            | -55.6 | 28.9                 | 2            | 23          | 256       | 1     | 030  | 23756  | 1            | -54.2 | 19.5                 | 3            | 42          | 263       | 2     | 030   | 23684  | 1            | -55.5 | 28.7                 | 1            | 54          | 297       | 2     |     |
| 050  | 20471  | 2            | -58.3 | 28.5                 | 2            | 60          | 278       | 4     | 050  | 20500  | 1            | -57.2 | 18.3                 | 2            | 70          | 282       | 4     | 050   | 20448  | 1            | -57.5 | 27.8                 | 1            | 69          | 277       | 5     |     |
| 100  | 16103  | 1            | -56.3 | 28.4                 | 2            | 85          | 272       | 12    | 100  | 16121  | 1            | -55.5 | 18.2                 | 2            | 87          | 275       | 14    | 100   | 16054  | 1            | -54.4 | 28.3                 | 1            | 91          | 269       | 14    |     |
| 150  | 13499  | 1            | -52.6 | 27.5                 | 2            | 85          | 274       | 18    | 150  | 13517  | 1            | -52.6 | 17.9                 | 1            | 90          | 275       | 21    | 150   | 13440  | 1            | -51.4 | 27.3                 | 1            | 91          | 271       | 19    |     |
| 200  | 11645  | 0            | -53.3 | 22.3                 | 2            | 82          | 274       | 22    | 200  | 11643  | 2            | -52.2 | 16.8                 | 2            | 88          | 274       | 27    | 200   | 11571  | 1            | -51.3 | 22.8                 | 1            | 89          | 273       | 23    |     |
| 300  | 9015   | 1            | -47.2 | 14.5                 | 2            | 74          | 272       | 22    | 300  | 9008   | 2            | -46.1 | 14.3                 | 2            | 82          | 277       | 28    | 300   | 8944   | 0            | -48.2 | 13.7                 | 0            | 82          | 278       | 25    |     |
| 500  | 5468   | 0            | -23.0 | 15.6                 | 1            | 74          | 275       | 15    | 500  | 5459   | 1            | -23.6 | 15.7                 | 2            | 79          | 275       | 18    | 500   | 5424   | 0            | -25.5 | 11.7                 | 1            | 78          | 280       | 16    |     |
| 700  | 2924   | 0            | -7.6  | 14.7                 | 1            | 70          | 278       | 11    | 700  | 2923   | 1            | -9.3  | 12.0                 | 2            | 79          | 278       | 11    | 700   | 2905   | 0            | -10.8 | 14.6                 | 0            | 69          | 286       | 10    |     |
| 850  | 1393   | 0            | -1.7  | 8.3                  | 1            | 62          | 280       | 8     | 850  | 1403   | 1            | -3.0  | 7.1                  | 2            | 77          | 288       | 8     | 850   | 1398   | 0            | -6.2  | 7.1                  | 0            | 52          | 282       | 5     |     |
| 1011   | * 4    |              | 2.9   | 2.0                  |              |             |           |       | 1008   | * 9    |              | 2.8   | 3.6                  |              |             |           |       | 993   | * 173  |              | -1.6  | 3.4                  |              |             |           |       |     |
| <b>N AMERICA - CANADA</b><br>ST. JOHN'S UA, NFLD<br>71801 APR 1995 4737N 05245W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>SEPT-ILES UA, QUE.<br>71811 APR 1995 5013N 06615W OB 3  |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>GOOSE UA, NFLD.<br>71816 APR 1995 5318N 06022W OB 3              |        |              |       |                      |              |             |           |       |     |
| 030  | 23755  | 8            | -54.6 | 20.5                 | 7            | 42          | 192       | 2     | 030  | 23680  | 0            | -55.9 | 25.3                 | 1            | 49          | 288       | 2     | 030   | 23679  | 1            | -55.1 | 26.4                 | 1            | 53          | 270       | 3     |     |
| 050  | 20492  | 2            | -55.8 | 18.9                 | 4            | 65          | 222       | 3     | 050  | 20433  | 0            | -56.6 | 25.9                 | 1            | 62          | 273       | 4     | 050   | 20432  | 0            | -55.8 | 26.2                 | 1            | 57          | 265       | 4     |     |
| 100  | 16081  | 2            | -54.4 | 18.8                 | 2            | 70          | 249       | 7     | 100  | 16021  | 0            | -54.0 | 26.3                 | 2            | 66          | 258       | 7     | 100   | 16009  | 0            | -53.3 | 25.8                 | 1            | 54          | 257       | 5     |     |
| 150  | 13465  | 2            | -51.5 | 18.6                 | 2            | 71          | 249       | 9     | 150  | 13399  | 0            | -50.9 | 25.1                 | 3            | 65          | 254       | 9     | 150   | 13384  | 0            | -51.2 | 24.9                 | 1            | 51          | 251       | 6     |     |
| 200  | 11600  | 2            | -52.4 | 17.1                 | 2            | 62          | 247       | 10    | 200  | 11527  | 0            | -51.7 | 19.8                 | 2            | 58          | 253       | 9     | 200   | 11519  | 0            | -53.3 | 18.2                 | 1            | 33          | 238       | 5     |     |
| 300  | 8966   | 2            | -47.9 | 13.9                 | 3            | 47          | 241       | 12    | 300  | 8905   | 0            | -50.1 | 9.5                  | 2            | 25          | 226       | 6     | 300   | 8913   | 0            | -50.8 | 9.3                  | 1            | 10          | 174       | 2     |     |
| 500  | 5423   | 2            | -24.0 | 16.1                 | 2            | 38          | 239       | 7     | 500  | 5397   | 0            | -26.0 | 10.3                 | 1            | 19          | 211       | 3     | 500   | 5407   | 0            | -25.7 | 10.1                 | 0            | 22          | 134       | 3     |     |
| 700  | 2892   | 2            | -8.9  | 13.5                 | 2            | 30          | 243       | 4     | 700  | 2884   | 0            | -11.3 | 9.0                  | 0            | 11          | 175       | 1     | 700   | 2887   | 0            | -10.7 | 9.1                  | 1            | 29          | 93        | 4     |     |
| 850  | 1361   | 3            | -2.1  | 6.7                  | 2            | 18          | 283       | 2     | 850  | 1377   | 0            | -5.5  | 6.0                  | 0            | 27          | 63        | 2     | 850   | 1377   | 0            | -6.0  | 4.3                  | 1            | 34          | 79        | 3     |     |
| 990  | * 140  |              | 1.3   | 2.2                  |              |             |           |       | 1005   | * 53   |              | -1    | 4.8                  |              |             |           |       | 1006  | * 36   |              | -1.4  | 3.4                  |              |             |           |       |     |

# UPPER AIR

APRIL 1995

| 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 |
|  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>N AMERICA - CANADA</b><br><b>LA GRANDE IV, QUE.</b><br>71823 APR 1995 5345N 07340W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br><b>MOOSONEE, ONT.</b><br>71836 APR 1995 5116N 08039W OB 3      |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br><b>SASKATOON, SASK.</b><br>71866 APR 1995 5210N 10641W OB 2   |        |              |       |                      |              |             |           |       |
| 030  | 23691  | 2            | -54.8 |                      | 1            | 58          | 284       | 4     | 030   | 23709  | 3            | -54.7 | 18.4                 | 3            | 48          | 293       | 2     | 030  | 23689  | 14           | -56.0 | 19.5                 |              | 60          | 344       | 3     |
| 050  | 20424  | 2            | -55.0 |                      | 1            | 57          | 267       | 4     | 050   | 20443  | 3            | -55.1 | 18.1                 | 3            | 56          | 282       | 3     | 050  | 20435  | 12           | -55.2 | 18.3                 | 9            | 64          | 296       | 3     |
| 100  | 15980  | 1            | -52.3 | 12.0                 | 2            | 59          | 250       | 6     | 100   | 15992  | 4            | -52.0 | 18.1                 | 3            | 72          | 266       | 9     | 100  | 15996  | 5            | -53.4 | 18.6                 | 4            | 63          | 280       | 6     |
| 150  | 13343  | 1            | -50.3 | 11.8                 | 2            | 56          | 245       | 7     | 150   | 13355  | 4            | -50.4 | 17.2                 | 3            | 77          | 268       | 11    | 150  | 13379  | 5            | -52.5 | 16.8                 | 4            | 68          | 287       | 8     |
| 200  | 11470  | 1            | -52.2 | 10.6                 | 2            | 50          | 245       | 8     | 200   | 11483  | 4            | -51.5 | 14.8                 | 3            | 74          | 270       | 13    | 200  | 11532  | 5            | -54.6 | 13.1                 | 4            | 66          | 285       | 11    |
| 300  | 8865   | 1            | -51.8 | 7.9                  | 2            | 29          | 225       | 6     | 300   | 8857   | 4            | -50.6 | 9.8                  | 3            | 51          | 263       | 10    | 300  | 8936   | 4            | -51.9 | 8.7                  | 4            | 54          | 291       | 13    |
| 500  | 5377   | 0            | -27.0 | 7.7                  | 0            | 22          | 203       | 3     | 500   | 5368   | 2            | -27.8 | 10.6                 | 2            | 40          | 276       | 5     | 500  | 5446   | 4            | -26.7 | 10.5                 | 4            | 59          | 300       | 9     |
| 700  | 2879   | 0            | -13.3 | 5.7                  | 0            | 17          | 153       | 2     | 700   | 2880   | 2            | -14.5 | 7.9                  | 2            | 43          | 306       | 4     | 700  | 2941   | 4            | -11.6 | 11.6                 | 6            | 57          | 318       | 5     |
| 850  | 1383   | 0            | -8.6  | 4.5                  | 1            | 8           | 72        | 1     | 850   | 1394   | 2            | -9.5  | 5.3                  | 2            | 35          | 333       | 3     | 850  | 1435   | 5            | -5.0  | 8.0                  | 7            | 21          | 4         | 2     |
| 976  | * 307  |              | -7.3  | 3.2                  |              |             |           |       | 1016  | * 10   |              | -6.8  | 2.9                  |              |             |           |       | 957  | * 504  |              | -3.7  | 1.5                  |              |             |           |       |
| <b>N AMERICA - CANADA</b><br><b>THE PASS UA, MAN</b><br>71867 APR 1995 5358N 10106W OB 3   |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br><b>PRINCE GEORGE, B.C.</b><br>71896 APR 1995 5353N 12241W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br><b>KUUJJUAQ, UA, QUE.</b><br>71906 APR 1995 5806N 06825W OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23715  | 2            | -54.9 | 22.0                 | 3            | 54          | 316       | 3     | 030   | 23714  | 8            | -54.1 | 24.5                 | 7            | 24          | 27        | 1     | 030  | 23652  | 0            | -55.8 | 29.1                 | 1            | 61          | 276       | 6     |
| 050  | 20444  | 0            | -54.8 | 22.1                 | 2            | 61          | 307       | 4     | 050   | 20445  | 4            | -55.2 | 24.9                 | 5            | 11          | 281       | 1     | 050  | 20400  | 0            | -55.6 | 28.7                 | 1            | 57          | 268       | 5     |
| 100  | 15986  | 0            | -52.6 | 18.3                 | 0            | 68          | 295       | 7     | 100   | 16014  | 1            | -53.7 | 24.8                 | 2            | 50          | 298       | 5     | 100  | 15965  | 0            | -53.0 | 29.0                 | 0            | 56          | 243       | 6     |
| 150  | 13357  | 0            | -51.8 | 16.2                 | 0            | 68          | 296       | 10    | 150   | 13405  | 1            | -53.1 | 23.4                 | 2            | 53          | 285       | 6     | 150  | 13340  | 0            | -51.0 | 27.3                 | 0            | 51          | 228       | 6     |
| 200  | 11493  | 0            | -52.4 | 13.7                 | 0            | 64          | 296       | 11    | 200   | 11554  | 1            | -55.0 | 18.4                 | 3            | 51          | 296       | 8     | 200  | 11474  | 0            | -53.2 | 19.5                 | 0            | 46          | 211       | 7     |
| 300  | 8876   | 0            | -51.9 | 9.8                  | 1            | 56          | 305       | 13    | 300   | 8965   | 1            | -51.3 | 9.6                  | 3            | 48          | 280       | 10    | 300  | 8879   | 0            | -51.6 | 9.3                  | 0            | 44          | 205       | 9     |
| 500  | 5405   | 0            | -28.8 | 9.3                  | 0            | 60          | 310       | 11    | 500   | 5472   | 1            | -27.3 | 9.0                  | 2            | 46          | 254       | 6     | 500  | 5393   | 0            | -28.0 | 11.2                 | 0            | 35          | 188       | 5     |
| 700  | 2922   | 0            | -14.2 | 7.5                  | 0            | 51          | 324       | 6     | 700   | 2964   | 1            | -10.6 | 6.6                  | 2            | 37          | 243       | 3     | 700  | 2898   | 0            | -12.9 | 13.2                 | 0            | 27          | 165       | 3     |
| 850  | 1431   | 0            | -8.4  | 4.7                  | 1            | 28          | 332       | 3     | 850   | 1441   | 1            | .1    | 6.3                  | 2            | 8           | 270       | 1     | 850  | 1403   | 0            | -8.1  | 8.5                  | 0            | 20          | 153       | 2     |
| 986  | * 274  |              | -6.2  | 3.7                  |              |             |           |       | 933   | * 691  |              | 1.1   | 3.9                  |              |             |           |       | 1012   | * 60   |              | -7.3  | 3.6                  |              |             |           |       |
| <b>N AMERICA - CANADA</b><br><b>INUKJUAQ, QUE</b><br>71907 APR 1995 5827N 07807W OB 3      |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br><b>IQUALUIT UA, N.W.T.</b><br>71909 APR 1995 6345N 06833W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br><b>CHURCHILL UA, MAN.</b><br>71913 APR 1995 5844N 09405W OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23653  | 3            | -56.0 | 25.7                 | 2            | 57          | 290       | 6     | 030   | 23616  | 6            | -55.2 | 28.0                 | 5            | 63          | 279       | 10    | 030  | 23713  | 2            | -54.4 | 29.4                 | 2            | 50          | 321       | 4     |
| 050  | 20394  | 0            | -55.0 | 26.1                 | 0            | 58          | 279       | 5     | 050   | 20369  | 4            | -56.0 | 27.7                 | 4            | 67          | 277       | 9     | 050  | 20434  | 1            | -53.7 | 29.7                 | 1            | 63          | 307       | 5     |
| 100  | 15941  | 0            | -51.7 | 26.6                 | 1            | 49          | 248       | 6     | 100   | 15938  | 0            | -53.5 | 27.2                 | 2            | 67          | 252       | 7     | 100  | 15949  | 1            | -50.9 | 29.9                 | 1            | 47          | 304       | 5     |
| 150  | 13303  | 0            | -50.3 | 25.9                 | 1            | 43          | 222       | 6     | 150   | 13316  | 0            | -51.7 | 24.7                 | 1            | 63          | 227       | 7     | 150  | 13302  | 1            | -49.6 | 28.5                 | 1            | 44          | 309       | 5     |
| 200  | 11428  | 0            | -51.3 | 20.4                 | 1            | 43          | 215       | 7     | 200   | 11455  | 0            | -53.2 | 17.4                 | 2            | 58          | 215       | 8     | 200  | 11420  | 1            | -50.5 | 22.6                 | 1            | 46          | 316       | 6     |
| 300  | 8817   | 0            | -51.7 | 9.5                  | 1            | 45          | 199       | 11    | 300   | 8853   | 0            | -51.4 | 10.7                 | 1            | 58          | 207       | 11    | 300  | 8802   | 1            | -51.0 | 11.9                 | 1            | 41          | 326       | 9     |
| 500  | 5346   | 0            | -29.3 | 10.5                 | 0            | 34          | 195       | 6     | 500   | 5378   | 0            | -29.2 | 10.7                 | 1            | 49          | 191       | 7     | 500  | 5335   | 0            | -30.8 | 9.8                  | 0            | 36          | 329       | 6     |
| 700  | 2868   | 0            | -15.0 | 10.5                 | 0            | 26          | 191       | 3     | 700   | 2899   | 0            | -14.5 | 11.2                 | 1            | 44          | 172       | 5     | 700  | 2876   | 0            | -17.2 | 9.9                  | 1            | 50          | 336       | 6     |
| 850  | 1382   | 0            | -9.3  | 7.7                  | 0            | 18          | 177       | 2     | 850   | 1411   | 0            | -10.0 | 8.4                  | 1            | 46          | 153       | 5     | 850  | 1403   | 0            | -11.8 | 5.4                  | 1            | 54          | 332       | 5     |
| 1013   | * 6    |              | -11.3 | 1.8                  |              |             |           |       | 1015  | * 21   |              | -10.0 | 3.4                  |              |             |           |       | 1017   | * 29   |              | -13.0 | 2.8                  |              |             |           |       |

# UPPER AIR

## APRIL 1995

| 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 |
|   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>N AMERICA - CANADA</b><br>CORAL HARBOUR UA, N.W.T.<br>71915 APR 1995 6412N 08322W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>EUREKA UA, N.W.T.<br>71917 APR 1995 7959N 08556W OB 3     |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>CAMBRIDGE BAY, N.W.T.<br>71925 APR 1995 6906N 10507W OB 3 |        |              |       |                      |              |             |           |       |
| 030   | 23631  | 1            | -55.7 | 25.4                 | 4            | 63          | 314       | 8     | 030  | 23603  | 0            | -50.6 | 31.7                 | 1            | 84          | 13        | 14    | 030  | 23680  | 0            | -53.2 | 27.9                 | 0            | 67          | 1         | 10    |
| 050   | 20377  | 1            | -55.1 | 25.4                 | 4            | 68          | 302       | 7     | 050  | 20288  | 0            | -53.2 | 30.3                 | 1            | 87          | 5         | 13    | 050  | 20388  | 0            | -53.3 | 27.7                 | 0            | 78          | 345       | 8     |
| 100   | 15909  | 0            | -51.9 | 26.4                 | 3            | 51          | 283       | 4     | 100  | 15842  | 2            | -54.8 | 28.4                 | 2            | 78          | 350       | 8     | 100  | 15919  | 0            | -52.2 | 27.1                 | 0            | 73          | 333       | 7     |
| 150   | 13273  | 0            | -50.7 | 25.6                 | 2            | 25          | 263       | 3     | 150  | 13245  | 2            | -53.8 | 26.1                 | 2            | 49          | 340       | 5     | 150  | 13291  | 0            | -51.5 | 25.6                 | 0            | 56          | 337       | 6     |
| 200   | 11399  | 0            | -50.8 | 21.6                 | 3            | 15          | 230       | 2     | 200  | 11397  | 2            | -54.3 | 20.8                 | 2            | 27          | 319       | 3     | 200  | 11424  | 0            | -52.3 | 20.4                 | 0            | 49          | 342       | 6     |
| 300   | 8773   | 0            | -50.6 | 13.7                 | 4            | 13          | 155       | 3     | 300  | 8809   | 2            | -53.8 | 10.7                 | 2            | 19          | 267       | 3     | 300  | 8826   | 0            | -52.9 | 10.7                 | 1            | 33          | 357       | 6     |
| 500   | 5318   | 0            | -31.5 | 9.6                  | 3            | 7           | 52        | 1     | 500  | 5374   | 0            | -31.6 | 12.8                 | 0            | 9           | 302       | 2     | 500  | 5380   | 0            | -31.2 | 11.6                 | 0            | 33          | 3         | 5     |
| 700   | 2861   | 0            | -17.3 | 10.0                 | 2            | 20          | 48        | 3     | 700  | 2921   | 0            | -17.4 | 13.3                 | 0            | 6           | 351       | 1     | 700  | 2919   | 0            | -16.6 | 11.7                 | 0            | 28          | 15        | 3     |
| 850   | 1388   | 0            | -11.6 | 6.3                  | 3            | 27          | 56        | 3     | 850  | 1449   | 0            | -12.0 | 11.2                 | 1            | 17          | 61        | 1     | 850  | 1442   | 0            | -11.4 | 13.3                 | 0            | 25          | 6         | 2     |
| 1009  | * 52   |              | -12.7 | 2.2                  |              |             |           |       | 1026   | * 0    |              | -21.2 | 4.2                  |              |             |           |       | 1023   | * 27   |              | -21.1 | 2.8                  |              |             |           |       |
| <b>N AMERICA - CANADA</b><br>BARER LAKE UA, N.W.T.<br>71926 APR 1995 6418N 09600W OB 3    |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>FORT SMITH UA, N.W.T.<br>71934 APR 1995 6002N 11156W OB 3 |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>FORT NELSON UA, B.C.<br>71945 APR 1995 5850N 12236W OB 3  |        |              |       |                      |              |             |           |       |
| 030   | 23674  | 4            | -55.7 | 24.1                 | 3            | 69          | 326       | 7     | 030  | 23723  | 0            | -54.5 | 31.0                 | 6            | 52          | 349       | 4     | 030  | 23746  | 3            | -54.1 | 29.7                 | 4            | 36          | 18        | 2     |
| 050   | 20421  | 4            | -55.1 | 24.2                 | 3            | 72          | 313       | 7     | 050  | 20447  | 0            | -54.1 | 30.7                 | 6            | 62          | 336       | 4     | 050  | 20468  | 1            | -54.2 | 29.3                 | 3            | 27          | 332       | 2     |
| 100   | 15953  | 2            | -51.9 | 25.3                 | 2            | 58          | 315       | 5     | 100  | 15985  | 0            | -52.6 | 29.7                 | 3            | 47          | 313       | 5     | 100  | 16014  | 2            | -52.9 | 29.0                 | 3            | 27          | 294       | 2     |
| 150   | 13320  | 2            | -50.8 | 24.8                 | 2            | 43          | 331       | 4     | 150  | 13360  | 0            | -51.7 | 27.7                 | 3            | 56          | 321       | 6     | 150  | 13394  | 2            | -51.9 | 27.4                 | 3            | 35          | 300       | 4     |
| 200   | 11446  | 2            | -51.4 | 20.5                 | 2            | 40          | 342       | 5     | 200  | 11497  | 0            | -53.1 | 20.4                 | 3            | 43          | 310       | 6     | 200  | 11533  | 2            | -53.5 | 19.3                 | 2            | 37          | 307       | 5     |
| 300   | 8837   | 2            | -52.0 | 11.3                 | 2            | 32          | 4         | 6     | 300  | 8908   | 1            | -52.9 | 9.8                  | 3            | 36          | 305       | 8     | 300  | 8933   | 2            | -51.8 | 9.8                  | 1            | 34          | 307       | 6     |
| 500   | 5374   | 2            | -30.3 | 8.9                  | 2            | 38          | 13        | 6     | 500  | 5432   | 0            | -28.7 | 14.0                 | 4            | 45          | 314       | 6     | 500  | 5461   | 0            | -28.0 | 9.2                  | 0            | 42          | 273       | 4     |
| 700   | 2907   | 2            | -16.1 | 10.6                 | 2            | 50          | 13        | 5     | 700  | 2941   | 0            | -13.1 | 12.4                 | 4            | 33          | 333       | 3     | 700  | 2961   | 0            | -11.5 | 4.3                  | 0            | 38          | 288       | 3     |
| 850   | 1428   | 2            | -10.9 | 6.8                  | 2            | 54          | 17        | 5     | 850  | 1444   | 0            | -6.8  | 8.0                  | 6            | 16          | 37        | 1     | 850  | 1443   | 0            | -1.6  | 6.6                  | 0            | 10          | 292       | 1     |
| 1020  | * 49   |              | -15.7 | 2.7                  |              |             |           |       | 996  | * 204  |              | -7.3  | 3.0                  |              |             |           |       | 970  | * 378  |              | -2.0  | 3.8                  |              |             |           |       |
| <b>N AMERICA - CANADA</b><br>INUVIK UA, N.W.T.<br>71957 APR 1995 6819N 13332W OB 3        |        |              |       |                      |              |             |           |       | <b>N AMERICA - CANADA</b><br>WHITEHORSE, UA, Y.T.<br>71964 APR 1995 6042N 13504W OB 3  |        |              |       |                      |              |             |           |       | <b>N AMERICA - BAHAMAS</b><br>NASSAU AIRPORT<br>78073 APR 1995 2503N 07728W OB 2       |        |              |       |                      |              |             |           |       |
| 030   | 23783  | 1            | -51.3 | 16.4                 | 7            | 53          | 41        | 5     | 030  | 23770  | 0            | -52.5 | 30.3                 | 2            | 49          | 65        | 3     | 030  |        |              |       |                      |              |             |           |       |
| 050   | 20467  | 1            | -51.9 | 15.7                 | 4            | 21          | 32        | 2     | 050  | 20473  | 0            | -53.1 | 29.4                 | 2            | 16          | 139       | 1     | 050  |        |              |       |                      |              |             |           |       |
| 100   | 15982  | 1            | -52.5 | 14.6                 | 3            | 47          | 256       | 4     | 100  | 16012  | 0            | -53.0 | 29.3                 | 1            | 34          | 227       | 2     | 100  |        |              |       |                      |              |             |           |       |
| 150   | 13355  | 1            | -51.7 | 13.4                 | 2            | 59          | 257       | 5     | 150  | 13393  | 0            | -52.2 | 27.9                 | 1            | 35          | 230       | 3     | 150  |        |              |       |                      |              |             |           |       |
| 200   | 11476  | 1            | -52.2 | 10.9                 | 2            | 67          | 260       | 6     | 200  | 11538  | 0            | -54.0 | 23.1                 | 1            | 41          | 255       | 5     | 200  | 11234  | 5            | -59.3 |                      | 6            | 93          | 275       | 34    |
| 300   | 8888   | 1            | -53.0 | 7.6                  | 1            | 57          | 274       | 9     | 300  | 8945   | 0            | -51.4 | 11.0                 | 2            | 32          | 242       | 6     | 300  | 9625   | 5            | -31.4 | 13.0                 | 6            | 95          | 276       | 25    |
| 500   | 5412   | 1            | -28.1 | 9.9                  | 1            | 51          | 264       | 5     | 500  | 5444   | 0            | -26.9 | 12.5                 | 1            | 38          | 215       | 4     | 500  | 5844   | 5            | -7.7  | 14.6                 | 5            | 91          | 282       | 14    |
| 700   | 2918   | 1            | -12.6 | 10.0                 | 1            | 49          | 231       | 3     | 700  | 2937   | 0            | -11.1 | 7.0                  | 1            | 72          | 194       | 6     | 700  | 3147   | 5            | 7.0   | 14.7                 | 5            | 60          | 269       | 5     |
| 850   | 1414   | 1            | -5.4  | 9.9                  | 1            | 46          | 180       | 3     | 850  | 1418   | 0            | -1.3  | 7.9                  | 1            | 76          | 169       | 5     | 850  | 1527   | 5            | 14.7  | 10.2                 | 6            | 10          | 194       | 1     |
| 1009  | * 103  |              | -11.4 | 3.5                  |              |             |           |       | 929  | * 704  |              | -1.4  | 3.7                  |              |             |           |       | 1015   | * 7    |              | 20.9  | 1.7                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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    | % | ° | mps | hPa | gpm |
| <b>N AMERICA - PANAMA</b><br>HOWARD AFB<br>78806 APR 1995 0859N 07933W OB 3                   |        |              |       |                      |              |             |           |       | <b>N AMERICA - ST. MAARTEN, ST. EUST., SABA</b><br>JULIANA AIRPORT, ST. MAARTEN<br>78866 APR 1995 1803N 06307W OB 2 |        |              |       |                      |              |             |           |       | <b>N AMERICA - COLOMBIA</b><br>SAN ANDRES (ISLA)/SESQUICENT<br>80001 APR 1995 1235N 08143W OB 2 |        |              |       |                      |              |             |           |       |     |       |    |       |   |   |     |     |     |
| 030   |        |              |       |                      |              |             |           |       | 030   | 23783  | 2            | -55.7 |                      | 3            | 93          | 302       | 1     | 030   |        |              |       |                      |              |             |           |       | 030 | 20620 | 6  | -66.1 |   | 6 | 57  | 244 | 5   |
| 050   |        |              |       |                      |              |             |           |       | 050   | 20614  | 2            | -67.5 |                      | 2            | 63          | 339       | 3     | 050   | 16632  | 5            | -79.2 |                      | 5            | 24          | 177       | 6     |     |       |    |       |   |   |     |     |     |
| 100   | 16380  | 4            | -82.1 |                      | 5            | 58          | 75        | 3     | 100   | 16589  | 5            | -76.7 |                      | 2            | 93          | 316       | 15    | 100   | 14255  | 5            | -66.9 |                      | 5            | 63          | 239       | 9     |     |       |    |       |   |   |     |     |     |
| 150   | 14044  | 4            | -67.7 |                      | 4            | 25          | 204       | 2     | 150   | 14199  | 2            | -66.4 |                      | 2            | 92          | 307       | 21    | 150   | 12480  | 5            | -52.8 |                      | 5            | 78          | 237       | 10    |     |       |    |       |   |   |     |     |     |
| 200   | 12460  | 4            | -53.0 |                      | 3            | 58          | 187       | 3     | 200   | 12404  | 2            | -53.6 |                      | 2            | 93          | 306       | 21    | 200   | 9709   | 5            | -30.4 | 9.8                  | 5            | 16          | 169       | 7     |     |       |    |       |   |   |     |     |     |
| 300   | 9748   | 3            | -30.0 | 17.9                 | 4            | 32          | 119       | 2     | 300   | 9675   | 1            | -32.8 | 14.4                 | 2            | 90          | 317       | 16    | 300   | 5873   | 5            | -4.2  | 14.7                 | 5            | 29          | 174       | 7     |     |       |    |       |   |   |     |     |     |
| 500   | 5871   | 3            | -4.0  | 19.7                 | 4            | 44          | 136       | 2     | 500   | 5871   | 1            | -5.6  | 23.1                 | 1            | 65          | 307       | 5     | 500   | 3141   | 5            | 10.0  | 11.8                 | 5            | 17          | 144       | 5     |     |       |    |       |   |   |     |     |     |
| 700   | 3140   | 3            | 10.8  | 8.9                  | 3            | 32          | 162       | 1     | 700   | 3156   | 1            | 8.4   | 19.8                 | 2            | 23          | 67        | 1     | 700   | 1506   | 5            | 17.0  | 4.3                  | 5            | 76          | 100       | 6     |     |       |    |       |   |   |     |     |     |
| 850   | 1496   | 3            | 18.4  | 4.8                  | 3            | 73          | 326       | 4     | 850   | 1538   | 1            | 14.4  | 6.1                  | 2            | 77          | 106       | 4     | 850   |        |              |       |                      |              |             |           |       |     |       |    |       |   |   |     |     |     |
| 1001  | * 69   |              | 23.7  | .6                   |              |             |           |       | 1015  | * 9    |              | 26.6  | 5.4                  |              |             |           |       | 1010  | * 6    |              | 27.0  | 2.6                  |              |             |           |       |     |       |    |       |   |   |     |     |     |
| <b>S AMERICA - COLOMBIA</b><br>RIOHACHA/ALMIRANTE PADILLA<br>80035 APR 1995 1132N 07256W OB 2 |        |              |       |                      |              |             |           |       | <b>S AMERICA - COLOMBIA</b><br>BOGOTA/ELDORADO<br>80222 APR 1995 0442N 07408W OB 3                                  |        |              |       |                      |              |             |           |       | <b>S AMERICA - VENEZUELA</b><br>MARACAY - B.A. SUCRE<br>80413 APR 1995 1015N 06739W OB 3        |        |              |       |                      |              |             |           |       |     |       |    |       |   |   |     |     |     |
| 030   |        |              |       |                      |              |             |           |       | 030   |        |              |       |                      |              |             |           |       | 030   | 23821  | 23           | -5.0  |                      |              |             |           |       |     |       |    |       |   |   |     |     |     |
| 050   |        |              |       |                      |              |             |           |       | 050   |        |              |       |                      |              |             |           |       | 050   | 20635  | 12           | -6.6  |                      |              |             |           |       |     |       |    |       |   |   |     |     |     |
| 100   | 16593  | 7            | -81.1 |                      | 7            | 51          | 163       | 14    | 100   | 14241  | 0            | -67.1 |                      | 0            | 38          | 170       | 7     | 100   | 16021  | 5            | -8.0  | 1.1                  | 5            | 57          | 305       | 8     |     |       |    |       |   |   |     |     |     |
| 150   | 14240  | 7            | -67.6 |                      | 7            | 81          | 266       | 21    | 150   | 12448  | 0            | -52.5 |                      | 0            | 50          | 126       | 7     | 150   | 14267  | 4            | -6.6  |                      | 4            | 74          | 275       | 11    |     |       |    |       |   |   |     |     |     |
| 200   | 12446  | 7            | -52.8 |                      | 7            | 85          | 275       | 19    | 200   | 9701   | 0            | -30.3 | 10.1                 | 0            | 71          | 124       | 6     | 200   | 12461  | 4            | -5.2  |                      | 4            | 92          | 270       | 11    |     |       |    |       |   |   |     |     |     |
| 300   | 9696   | 7            | -30.7 | 22.5                 | 7            | 50          | 236       | 16    | 300   | 5875   | 0            | -5.2  | 6.6                  | 0            | 70          | 97        | 5     | 300   | 9699   | 3            | -3.0  | 21.1                 | 3            | 50          | 315       | 46    |     |       |    |       |   |   |     |     |     |
| 500   | 5859   | 6            | -3.7  | 26.8                 | 6            | 62          | 131       | 11    | 500   | 3154   | 0            | 9.0   | 1.6                  | 0            | 83          | 131       | 4     | 500   | 5864   | 3            | -.4   | 23.5                 | 3            | 47          | 280       | 36    |     |       |    |       |   |   |     |     |     |
| 700   | 3132   | 6            | 10.3  | 11.0                 | 6            | 72          | 135       | 9     | 700   |        |              |       |                      |              |             |           |       | 700   | 3133   | 3            | 10.1  | 19.4                 | 3            | 26          | 200       | 13    |     |       |    |       |   |   |     |     |     |
| 850   | 1490   | 6            | 18.5  | 5.2                  | 6            | 83          | 105       | 14    | 754   | *2548  |              | 10.2  | .9                   |              |             |           |       | 850   | 1496   | 3            | 18.6  | 12.4                 | 3            | 56          | 290       | 37    |     |       |    |       |   |   |     |     |     |
| 1008  | * 4    |              | 25.1  | 2.9                  |              |             |           |       |   |        |              |       |                      |              |             |           |       | 961   | * 437  |              | 22.5  | 2.7                  |              |             |           |       |     |       |    |       |   |   |     |     |     |
| <b>S AMERICA - BRAZIL</b><br>BELEM (AEROPORTO)<br>82193 APR 1995 0123S 04829W OB 2            |        |              |       |                      |              |             |           |       | <b>S AMERICA - BRAZIL</b><br>BRASILIA (AEROPORTO)<br>83378 APR 1995 1552S 04756W OB 3                               |        |              |       |                      |              |             |           |       | <b>S AMERICA - BRAZIL</b><br>CAMPO GRANDE (AEROPORTO)<br>83612 APR 1995 2028S 05440W OB 3       |        |              |       |                      |              |             |           |       |     |       |    |       |   |   |     |     |     |
| 030   |        |              |       |                      |              |             |           |       | 030   | 23864  | 15           | -56.2 |                      | 9            | 90          | 83        | 9     | 030   | 23924  | 12           | -53.7 |                      | 9            | 91          | 98        | 11    |     |       |    |       |   |   |     |     |     |
| 050   |        |              |       |                      |              |             |           |       | 050   | 20691  | 12           | -65.2 |                      | 9            | 90          | 96        | 9     | 050   | 20726  | 11           | -64.2 |                      | 9            | 88          | 107       | 12    |     |       |    |       |   |   |     |     |     |
| 100   | 16666  | 11           | -81.8 |                      | 9            | 6           | 293       | 1     | 100   | 16677  | 9            | -78.0 |                      | 9            | 61          | 224       | 6     | 100   | 16658  | 8            | -75.4 |                      | 9            | 80          | 260       | 12    |     |       |    |       |   |   |     |     |     |
| 150   | 14295  | 11           | -65.5 |                      | 9            | 70          | 232       | 8     | 150   | 14285  | 9            | -65.2 |                      | 9            | 79          | 237       | 14    | 150   | 14245  | 8            | -64.1 |                      | 9            | 89          | 274       | 24    |     |       |    |       |   |   |     |     |     |
| 200   | 12489  | 11           | -51.2 |                      | 9            | 59          | 199       | 5     | 200   | 12480  | 9            | -52.1 |                      | 9            | 86          | 250       | 15    | 200   | 12433  | 8            | -52.0 |                      | 8            | 93          | 277       | 29    |     |       |    |       |   |   |     |     |     |
| 300   | 9724   | 11           | -29.8 | 9.9                  | 9            | 75          | 142       | 6     | 300   | 9728   | 9            | -30.7 | 11.9                 | 9            | 63          | 250       | 9     | 300   | 9684   | 8            | -31.7 | 16.4                 | 8            | 90          | 276       | 20    |     |       |    |       |   |   |     |     |     |
| 500   | 5889   | 11           | -5.3  | 6.0                  | 9            | 69          | 124       | 5     | 500   | 5894   | 9            | -5.0  | 13.3                 | 9            | 55          | 265       | 3     | 500   | 5873   | 8            | -6.7  | 15.9                 | 9            | 72          | 263       | 7     |     |       |    |       |   |   |     |     |     |
| 700   | 3165   | 11           | 9.6   | 4.8                  | 9            | 94          | 100       | 8     | 700   | 3172   | 10           | 9.6   | 7.3                  | 9            | 25          | 51        | 1     | 700   | 3161   | 8            | 9.0   | 9.3                  | 8            | 57          | 327       | 4     |     |       |    |       |   |   |     |     |     |
| 850   | 1523   | 11           | 17.8  | 3.7                  | 9            | 94          | 107       | 8     | 850   | 1529   | 9            | 18.1  | 3.7                  | 9            | 82          | 64        | 5     | 850   | 1521   | 8            | 18.3  | 10.7                 | 8            | 40          | 24        | 3     |     |       |    |       |   |   |     |     |     |
| 1010  | * 16   |              | 26.2  | 3.8                  |              |             |           |       | 897   | *1061  |              | 21.1  | 4.1                  |              |             |           |       | 950   | * 567  |              | 21.1  | 7.2                  |              |             |           |       |     |       |    |       |   |   |     |     |     |



# UPPER AIR

APRIL 1995

| 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 |
| <b>S AMERICA - BRAZIL</b><br><b>GALEAO</b><br>83746 APR 1995 2249S 04315W OB 3                      |        |              |       |                      |              |             |           |       | <b>S AMERICA - BRAZIL</b><br><b>CURITIBA (AEROPORTO)</b><br>83840 APR 1995 2531S 04910W OB 3      |        |              |       |                      |              |             |           |       | <b>S AMERICA - BRAZIL</b><br><b>PORTO ALEGRE (AERO- PORTO)</b><br>83971 APR 1995 3000S 05111W OB 3 |        |              |       |                      |              |             |           |       |     |     |
| 030   |        |              |       |                      |              |             |           |       | 030   |        |              |       |                      |              |             |           |       | 030  | 23943  | 14           | -54.4 | 11.6                 | 9            | 86          | 106       | 6     |     |     |
| 050   | 20731  | 13           | -64.1 | 9.5                  | 9            | 85          | 103       | 6     | 050   | 20711  | 15           | -62.7 | 9.3                  |              |             |           | 050   | 20719  | 11     | -61.6        | 10.7  | 9                    | 71           | 110         | 3         |       |     |     |
| 100   | 16633  | 9            | -74.0 | 8.1                  | 9            | 85          | 252       | 11    | 100   | 16568  | 11           | -69.1 | 8.1                  | 9            | 91          | 265       | 15    | 100  | 16515  | 8            | -67.3 | 10.0                 | 9            | 91          | 265       | 15    |     |     |
| 150   | 14203  | 9            | -64.3 | 9.6                  | 9            | 86          | 260       | 20    | 150   | 14130  | 10           | -63.3 | 9.5                  | 9            | 89          | 268       | 26    | 150  | 14164  | 8            | -60.0 | 11.2                 | 9            | 92          | 271       | 29    |     |     |
| 200   | 12386  | 9            | -53.2 | 11.0                 | 9            | 88          | 262       | 23    | 200   | 12318  | 10           | -53.4 | 11.0                 | 9            | 90          | 271       | 27    | 200  | 12206  | 8            | -54.2 | 12.0                 | 8            | 87          | 272       | 27    |     |     |
| 300   | 9670   | 9            | -33.0 | 10.7                 | 9            | 89          | 267       | 16    | 300   | 9603   | 10           | -35.1 | 13.8                 | 9            | 80          | 274       | 19    | 300  | 9523   | 8            | -37.1 | 15.1                 | 9            | 80          | 274       | 19    |     |     |
| 500   | 5887   | 9            | -7.0  | 13.0                 | 9            | 65          | 271       | 6     | 500   | 5837   | 10           | -8.4  | 14.3                 | 9            | 70          | 275       | 10    | 500  | 5780   | 8            | -10.5 | 18.9                 | 8            | 69          | 268       | 10    |     |     |
| 700   | 3178   | 9            | 8.7   | 10.2                 | 9            | 57          | 299       | 4     | 700   | 3141   | 10           | 7.6   | 13.8                 | 9            | 72          | 279       | 7     | 700  | 3109   | 8            | 5.3   | 15.2                 | 8            | 60          | 255       | 6     |     |     |
| 850   | 1546   | 9            | 16.0  | 3.1                  | 9            | 20          | 342       | 1     | 850   | 1524   | 10           | 13.7  | 4.6                  | 9            | 33          | 290       | 2     | 850  | 1507   | 8            | 11.5  | 7.3                  | 8            | 65          | 271       | 6     |     |     |
| 1010  | * 6    |              | 24.3  | 2.9                  |              |             |           |       | 914   | * 908  |              | 15.9  | 1.7                  |              |             |           |       | 1015   | * 3    |              | 17.2  | 1.7                  |              |             |           |       |     |     |
| <b>S AMERICA - ARGENTINA</b><br><b>MENDOZA AERO</b><br>87418 APR 1995 3250S 06847W OB /             |        |              |       |                      |              |             |           |       | <b>S AMERICA - ARGENTINA</b><br><b>EZEIZA AERO</b><br>87576 APR 1995 3449S 05832W OB /            |        |              |       |                      |              |             |           |       | <b>S AMERICA - ARGENTINA</b><br><b>SANTA ROSA AERO</b><br>87623 APR 1995 3634S 06416W OB /         |        |              |       |                      |              |             |           |       |     |     |
| 030   | 23874  | 19           | -54.1 |                      |              |             |           |       | 030   |        |              |       |                      |              |             |           |       | 030  | 23828  | 9            | -55.7 |                      |              |             |           |       |     |     |
| 050   | 20651  | 15           | -60.2 |                      |              |             |           |       | 050   | 20626  | 10           | -61.0 |                      |              |             |           |       | 050  | 20607  | 6            | -60.8 |                      |              | 7           | 59        | 254   | 4   |     |
| 100   |        |              |       |                      |              |             |           |       | 100   | 16384  | 3            | -64.2 |                      |              | 3           | 94        | 265   | 17   | 100    | 16342        | 2     | -63.9                |              |             | 3         | 93    | 267 | 18  |
| 150   | 13952  | 1            | -61.4 |                      |              |             |           |       | 150   | 13884  | 2            | -61.1 |                      |              | 2           | 92        | 265   | 26   | 150    | 13843        | 0     | -60.1                |              |             | 1         | 88    | 270 | 25  |
| 200   | 12153  | 0            | -56.8 |                      |              |             |           |       | 200   | 12085  | 1            | -57.2 |                      |              | 2           | 83        | 260   | 24   | 200    | 12047        | 0     | -58.3                |              |             | 1         | 77    | 264 | 24  |
| 300   | 9488   | 0            | -39.0 | 14.6                 |              |             |           |       | 300   | 9431   | 1            | -40.4 | 15.3                 | 4            | 78          | 255       | 20    | 300  | 9403   | 0            | -41.4 | 9.6                  | 1            | 73          | 268       | 20    |     |     |
| 500   | 5776   | 0            | -10.9 | 19.0                 |              |             |           |       | 500   | 5744   | 1            | -13.0 | 15.8                 | 4            | 74          | 255       | 14    | 500  | 5156   | 0            | -14.0 | 10.8                 | 1            | 76          | 255       | 15    |     |     |
| 700   | 3109   | 0            | 6.5   | 16.5                 |              |             |           |       | 700   | 3094   | 1            | 4.0   | 20.0                 | 4            | 63          | 255       | 7     | 700  | 3090   | 0            | 2.9   | 12.2                 | 1            | 75          | 256       | 8     |     |     |
| 850   |        |              |       |                      |              |             |           |       | 850   | 1493   | 1            | 11.4  | 15.1                 | 3            | 40          | 260       | 4     | 850  | 1493   | 0            | 11.5  | 10.3                 | 0            | 50          | 240       | 5     |     |     |
| 934   | * 704  |              | 11.0  | 5.0                  |              |             |           |       | 1012  | * 20   |              | 15.6  | 3.3                  |              |             |           |       | 992  | * 191  |              | 9.8   | 2.3                  |              |             |           |       |     |     |
| <b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b><br><b>HALLEY</b><br>89022 APR 1995 7530S 02639W OB 2 |        |              |       |                      |              |             |           |       | <b>ANTARCTICA - USSR (ANTARCTIC)</b><br><b>BELLINGSHAUSEN</b><br>89050 APR 1995 6212S 05856W OB 1 |        |              |       |                      |              |             |           |       | <b>ANTARCTICA - USSR (ANTARCTIC)</b><br><b>MIRNYJ</b><br>89592 APR 1995 6633S 09301E OB 1          |        |              |       |                      |              |             |           |       |     |     |
| 030   | 22721  | 18           | -65.5 | 7.8                  |              |             |           |       | 030   | 23193  | 18           | -61.8 | 9.0                  |              |             |           |       | 030  |        |              |       |                      |              |             |           |       |     |     |
| 050   | 19612  | 11           | -63.6 | 8.0                  |              |             |           |       | 050   | 20064  | 6            | -59.1 | 8.5                  | 6            | 96          | 270       | 11    | 050  |        |              |       |                      |              |             |           |       |     |     |
| 100   | 15301  | 6            | -58.6 | 8.5                  | 6            | 91          | 256       | 13    | 100   | 15710  | 0            | -56.1 | 8.2                  | 0            | 94          | 272       | 10    | 100  | 15615  | 14           | -52.7 | 8.8                  | 9            | 89          | 265       | 9     |     |     |
| 150   | 12733  | 5            | -55.6 | 8.5                  | 5            | 83          | 254       | 13    | 150   | 13118  | 0            | -53.6 | 7.3                  | 0            | 92          | 273       | 10    | 150  | 12974  | 12           | -51.2 | 7.8                  | 9            | 88          | 261       | 10    |     |     |
| 200   | 10896  | 5            | -54.9 | 7.8                  | 5            | 84          | 249       | 13    | 200   | 11268  | 0            | -54.5 | 6.2                  | 0            | 88          | 276       | 11    | 200  | 11099  | 12           | -50.2 | 6.3                  | 9            | 83          | 260       | 9     |     |     |
| 300   | 8329   | 5            | -57.9 | 6.2                  | 5            | 76          | 236       | 18    | 300   | 8675   | 0            | -51.9 | 5.5                  | 0            | 77          | 279       | 12    | 300  | 8477   | 12           | -53.5 | 4.6                  | 9            | 68          | 248       | 8     |     |     |
| 500   | 4962   | 5            | -36.7 | 6.1                  | 5            | 66          | 241       | 13    | 500   | 5203   | 0            | -29.0 | 6.7                  | 0            | 76          | 284       | 8     | 500  | 5044   | 12           | -32.2 | 6.0                  | 9            | 51          | 254       | 4     |     |     |
| 700   | 2560   | 5            | -23.0 | 5.2                  | 5            | 29          | 245       | 11    | 700   | 2717   | 0            | -13.7 | 7.2                  | 1            | 75          | 286       | 6     | 700  | 2605   | 12           | -19.4 | 8.0                  | 9            | 19          | 254       | 1     |     |     |
| 850   | 1126   | 4            | -18.3 | 5.5                  | 4            | 20          | 106       | 7     | 850   | 1251   | 0            | -6.4  | 3.2                  | 0            | 70          | 303       | 4     | 850  | 1200   | 12           | -14.9 | 5.8                  | 9            | 70          | 95        | 4     |     |     |
| 984   | * 30   |              | -25.8 | .8                   |              |             |           |       | 987   | * 16   |              | -1.5  | .9                   |              |             |           |       | 979  | * 30   |              | -13.6 | 3.3                  |              |             |           |       |     |     |

# UPPER AIR

APRIL 1995

| 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 |
| ANTARCTICA - AUSTRALIA (ANTARCTIC)<br>MAWSON<br>89564 APR 1995 6736S 06252E OB 3               |        |              |       |                      |              |             |           |       | ANTARCTICA - AUSTRALIA (ANTARCTIC)<br>DAVIS<br>89571 APR 1995 6834S 07757E OB 3                  |        |              |       |                      |              |             |           |       | ANTARCTICA - AUSTRALIA (ANTARCTIC)<br>CASEY<br>89611 APR 1995 6617S 11031E OB 3                      |        |              |       |                      |              |             |           |       |     |
| 030  | 23123  | 3            | -59.1 |                      | 3            | 98          | 284       | 29    | 030  | 23109  | 2            | -59.4 |                      |              |             |           |       |  | 030    | 23267        | 5     | -56.2                |              | 5           | 97        | 275   | 23  |
| 050  | 19915  | 3            | -57.9 |                      | 3            | 97          | 286       | 25    | 050  | 19903  | 0            | -57.9 |                      |              |             |           |       |  | 050    | 20028        | 1     | -55.3                |              | 2           | 96        | 269   | 19  |
| 100  | 15514  | 3            | -54.6 |                      | 4            | 94          | 284       | 20    | 100  | 15505  | 0            | -55.0 |                      |              |             |           |       |  | 100    | 15577        | 1     | -52.3                |              | 1           | 91        | 263   | 18  |
| 150  | 12908  | 3            | -52.6 |                      | 3            | 92          | 287       | 18    | 150  | 12899  | 0            | -52.6 |                      |              |             |           |       |  | 150    | 12943        | 1     | -50.1                |              | 1           | 92        | 257   | 16  |
| 200  | 11046  | 3            | -52.3 |                      | 3            | 88          | 287       | 18    | 200  | 11036  | 0            | -52.4 |                      |              |             |           |       |  | 200    | 11062        | 1     | -50.0                |              | 1           | 86        | 258   | 15  |
| 300  | 8443   | 3            | -54.4 |                      | 3            | 71          | 290       | 16    | 300  | 8438   | 0            | -53.8 |                      |              |             |           |       |  | 300    | 8428         | 1     | -52.1                |              | 1           | 83        | 245   | 16  |
| 500  | 5028   | 3            | -33.9 | 6.5                  | 3            | 36          | 276       | 5     | 500  | 5012   | 0            | -33.8 | 8.6                  | 9            | 34          | 292       | 5     | 500  | 5002   | 1            | -34.2 | 12.3                 | 1            | 58          | 242       | 7     |     |
| 700  | 2603   | 3            | -20.4 | 8.7                  | 4            | 12          | 198       | 1     | 700  | 2586   | 0            | -20.7 | 9.8                  |              |             |           |       | 700  | 2578   | 1            | -19.7 | 9.8                  | 1            | 43          | 201       | 4     |     |
| 850  | 1151   | 3            | -15.6 | 10.9                 | 4            | 78          | 96        | 7     | 850  | 1135   | 0            | -16.7 | 10.6                 | 8            | 73          | 35        | 9     | 850  | 1121   | 1            | -14.5 | 5.8                  | 2            | 51          | 106       | 3     |     |
| 987  | * 16   |              | -12.4 | 6.6                  |              |             |           |       | 986  | * 13   |              | -14.3 | 5.1                  |              |             |           |       | 979  | * 41   |              | -12.9 | 2.9                  |              |             |           |       |     |
| SW PACIFIC - SINGAPORE<br>SINGAPORE/CHANGI AIRPORT<br>48698 APR 1995 0122N 10359E OB /         |        |              |       |                      |              |             |           |       | SW PACIFIC - USA (PACIFIC OCEAN NORTH)<br>LIHUE, KAUAI, HAWAII<br>91165 APR 1995 2159N 15921W OB |        |              |       |                      |              |             |           |       | SW PACIFIC - USA (PACIFIC OCEAN NORTH)<br>HILO/GEN. LYMAN, HAWAII,<br>91285 APR 1995 1943N 15504W OB |        |              |       |                      |              |             |           |       |     |
| 030  | 23753  | 0            | -56.3 |                      | 0            | 95          | 271       | 6     | 030  |        |              |       |                      |              |             |           |       |  | 030    | 23723        | 14    | -58.0                | 12.7         |             |           |       |     |
| 050  | 20583  | 0            | -66.5 |                      | 0            | 84          | 268       | 3     | 050  |        |              |       |                      |              |             |           |       |  | 050    | 20566        | 12    | -64.9                | 11.4         |             |           |       |     |
| 100  | 16592  | 0            | -81.9 |                      | 0            | 35          | 55        | 2     | 100  | 16484  | 5            | -73.2 | 9.9                  | 6            | 93          | 264       | 20    | 100  | 16495  | 0            | -75.0 | 8.8                  | 3            | 93          | 266       | 16    |     |
| 150  | 14242  | 0            | -67.7 |                      | 6            | 10          | 7         | 4     | 150  | 14063  | 1            | -64.2 | 11.2                 | 1            | 95          | 265       | 30    | 150  | 14097  | 0            | -65.6 | 10.3                 | 0            | 96          | 264       | 31    |     |
| 200  | 12452  | 0            | -53.0 | 10.3                 | 0            | 68          | 106       | 4     | 200  | 12258  | 0            | -54.0 | 12.9                 | 0            | 90          | 262       | 28    | 200  | 12300  | 0            | -53.7 | 12.3                 | 0            | 95          | 259       | 34    |     |
| 300  | 9700   | 0            | -30.1 | 10.4                 | 1            | 96          | 99        | 4     | 300  | 9559   | 0            | -36.4 | 15.1                 | 0            | 83          | 260       | 16    | 300  | 9589   | 0            | -35.2 | 14.0                 | 0            | 92          | 257       | 22    |     |
| 500  | 5867   | 0            | -5.5  | 5.7                  | 2            | 56          | 81        | 1     | 500  | 5814   | 0            | -9.0  | 20.9                 | 0            | 59          | 259       | 7     | 500  | 5830   | 0            | -8.6  | 20.3                 | 0            | 77          | 257       | 8     |     |
| 700  | 3146   | 0            | 9.6   | 4.6                  | 1            | 16          | 207       | 1     | 700  | 3128   | 0            | 6.3   | 19.9                 | 0            | 6           | 168       | 0     | 700  | 3139   | 0            | 7.3   | 22.1                 | 0            | 19          | 178       | 1     |     |
| 850  | 1505   | 0            | 18.3  | 3.9                  | 1            | 35          | 322       | 1     | 850  | 1523   | 0            | 11.3  | 1.6                  | 0            | 65          | 72        | 5     | 850  | 1529   | 0            | 11.7  | 1.7                  | 0            | 51          | 104       | 2     |     |
| 1008   | * 16   |              | 25.0  | .5                   |              |             |           |       | 1012   | * 45   |              | 21.5  | 4.0                  |              |             |           |       | 1015   | * 11   |              | 20.6  | 2.7                  |              |             |           |       |     |
| SW PACIFIC - USA (PACIFIC OCEAN NORTH)<br>TRUK, CAROLINE IS.<br>91334 APR 1995 0728N 15151E OB |        |              |       |                      |              |             |           |       | SW PACIFIC - SOLOMON ISLANDS<br>HONTARA<br>91517 APR 1995 0925S 15958E OB /                      |        |              |       |                      |              |             |           |       | SW PACIFIC - NEW CALEDONIA<br>NOUMEA (NILE-CALEDONIE)<br>91592 APR 1995 2216S 16627E OB /            |        |              |       |                      |              |             |           |       |     |
| 030  | 23832  | 6            | -57.2 | 11.8                 | 6            | 96          | 278       | 11    | 030  |        |              |       |                      |              |             |           |       |  | 030    | 23800        | 9     | -56.3                |              | 9           | 0         | 83    | 11  |
| 050  | 20663  | 5            | -65.7 | 8.7                  | 5            | 92          | 271       | 6     | 050  | 20590  | 2            | -66.7 |                      | 2            | 49          | 99        | 3     | 050  | 20626  | 4            | -65.3 |                      | 4            | 93          | 79        | 7     |     |
| 100  | 16654  | 4            | -81.6 | 6.3                  | 4            | 63          | 81        | 6     | 100  | 16588  | 0            | -82.8 |                      | 5            | 2           | 70        | 3     | 100  | 16557  | 0            | -78.0 |                      | 0            | 94          | 274       | 17    |     |
| 150  | 14302  | 3            | -66.5 | 8.1                  | 4            | 28          | 156       | 2     | 150  | 14271  | 0            | -66.7 |                      | 1            | 31          | 135       | 2     | 150  | 14186  | 0            | -66.1 |                      | 0            | 98          | 266       | 32    |     |
| 200  | 12499  | 3            | -51.5 | 9.9                  | 3            | 61          | 154       | 6     | 200  | 12474  | 0            | -52.0 |                      | 0            | 35          | 119       | 2     | 200  | 12386  | 0            | -52.5 |                      | 0            | 96          | 264       | 35    |     |
| 300  | 9734   | 3            | -29.0 | 10.4                 | 3            | 38          | 125       | 2     | 300  | 9713   | 0            | -79.1 |                      | 0            | 62          | 109       | 4     | 300  | 9648   | 0            | -32.7 | 16.3                 | 0            | 95          | 267       | 27    |     |
| 500  | 5885   | 3            | -4.1  | 12.1                 | 3            | 71          | 95        | 5     | 500  | 5867   | 0            | -4.2  | 19.0                 | 1            | 73          | 93        | 6     | 500  | 5850   | 0            | -6.1  | 16.8                 | 0            | 93          | 279       | 13    |     |
| 700  | 3157   | 3            | 10.3  | 7.3                  | 3            | 82          | 86        | 4     | 700  | 3137   | 0            | 11.2  | 8.2                  | 0            | 59          | 85        | 4     | 700  | 3138   | 0            | 8.8   | 14.1                 | 0            | 57          | 306       | 4     |     |
| 850  | 1513   | 3            | 18.1  | 2.3                  | 3            | 92          | 84        | 7     | 850  | 1490   | 0            | 18.6  | 4.2                  | 0            | 64          | 116       | 3     | 850  | 1510   | 0            | 15.5  | 4.7                  | 0            | 42          | 75        | 3     |     |
| 1010   | * 2    |              | 27.8  | 3.2                  |              |             |           |       | 1002   | * 56   |              | 29.8  | 4.9                  |              |             |           |       | 1006   | * 72   |              | 26.4  | 5.7                  |              |             |           |       |     |

# UPPER AIR

APRIL 1995

| 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 | % |
| <b>SW PACIFIC - USA (SAMOA)</b><br><b>PAGO PAGO/INT. AIRPORT</b><br>91765 APR 1995 1420S 17043W OB |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - FRENCH POLY. (MARQUESAS)</b><br><b>ATUONA</b><br>91925 APR 1995 0948S 13902W OB 3   |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - FRENCH POLY. (SOCIETY IS)</b><br><b>TAHITI-FAAA</b><br>91938 APR 1995 1733S 14937W OB / |        |              |      |                      |              |             |           |       |     |     |    |    |   |
| 030  | 23778  | 13           | -55.9 | 10.7                 |              |             |           |       | 030   | 23729  | 7            | -57.0 |                      |              | 7           | 27        | 272   | 2   | 030    |              |      |                      |              |             |           |       |     |     |    |    |   |
| 050  | 20611  | 13           | -67.6 | 8.0                  |              |             |           |       | 050   | 20569  | 5            | -68.0 |                      |              | 5           | 22        | 66    | 1   | 050    |              |      |                      |              |             |           |       |     |     |    |    |   |
| 100  | 16592  | 2            | -80.0 | 6.3                  | 4            | 90          | 253       | 8     | 100   | 16582  | 0            | -80.4 |                      |              | 0           | 67        | 268   | 5   | 100    | 16560        | 2    | -78.1                |              |             | 2         | 91    | 281 | 10  |    |    |   |
| 150  | 14228  | 0            | -66.9 | 7.7                  | 0            | 89          | 232       | 15    | 150   | 14231  | 0            | -67.1 |                      |              | 0           | 93        | 270   | 14  | 150    | 14197        | 0    | -67.7                |              |             | 0         | 91    | 272 | 16  |    |    |   |
| 200  | 12433  | 0            | -52.8 | 9.2                  | 0            | 81          | 236       | 15    | 200   | 12437  | 0            | -52.5 |                      |              | 0           | 92        | 265   | 12  | 200    | 12413        | 0    | -53.7                |              |             | 0         | 90    | 274 | 14  |    |    |   |
| 300  | 9689   | 0            | -31.1 | 10.9                 | 0            | 67          | 247       | 8     | 300   | 9690   | 0            | -30.7 | 19.2                 |              | 0           | 67        | 252   | 5   | 300    | 9674         | 0    | -31.5                | 11.0         |             | 0         | 86    | 286 | 10  |    |    |   |
| 500  | 5870   | 0            | -5.3  | 12.1                 | 0            | 41          | 235       | 2     | 500   | 5861   | 0            | -4.3  | 20.3                 |              | 0           | 36        | 78    | 2   | 500    | 5858         | 0    | -5.8                 | 12.6         |             | 0         | 77    | 300 | 5   |    |    |   |
| 700  | 3151   | 0            | 9.7   | 6.5                  | 0            | 29          | 284       | 1     | 700   | 3132   | 0            | 11.2  | 17.6                 |              | 0           | 64        | 72    | 4   | 700    | 3143         | 0    | 9.7                  | 9.9          |             | 0         | 45    | 351 | 3   |    |    |   |
| 850  | 1510   | 0            | 17.8  | 3.6                  | 0            | 28          | 38        | 1     | 850   | 1490   | 0            | 17.4  | 5.2                  |              | 0           | 83        | 83    | 5   | 850    | 1505         | 0    | 17.7                 | 4.6          |             | 0         | 45    | 35  | 3   |    |    |   |
| 1009   | *      | 3            | 26.5  | 2.0                  |              |             |           |       | 1003  | *      | 52           | 29.9  | 6.7                  |              |             |           |       |   | 1010   | *            | 2    | 30.3                 | 6.0          |             |           |       |     |     |    |    |   |
| <b>SW PACIFIC - FRENCH POLY. (TUAMOTU IS)</b><br><b>HAO</b><br>91944 APR 1995 1804S 14057W OB 3    |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - FRENCH POLY. (TUAMOTU IS)</b><br><b>MURUROA</b><br>91952 APR 1995 2149S 13848W OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b><br><b>RAPA</b><br>91958 APR 1995 2737S 14420W OB 3        |        |              |      |                      |              |             |           |       |     |     |    |    |   |
| 030  |        |              |       |                      |              |             |           |       | 030   |        |              |       |                      |              |             |           |       |   | 030    | 23842        | 10   | -55.9                |              |             |           |       |     |     |    |    |   |
| 050  | 20586  | 9            | -66.2 |                      | 9            | 93          | 83        | 7     | 050   | 20607  | 5            | -65.8 |                      |              | 5           | 86        | 81    | 6   | 050    | 20645        | 8    | -63.1                |              |             | 8         | 56    | 36  | 3   |    |    |   |
| 100  | 16551  | 0            | -77.7 |                      | 1            | 86          | 282       | 10    | 100   | 16531  | 2            | -75.7 |                      |              | 2           | 93        | 279   | 13  | 100    | 16468        | 6    | -70.3                |              |             | 6         | 92    | 279 | 17  |    |    |   |
| 150  | 14182  | 0            | -67.9 |                      | 1            | 84          | 264       | 14    | 150   | 14153  | 1            | -68.3 |                      |              | 1           | 89        | 266   | 20  | 150    | 14035        | 4    | -65.2                |              |             | 5         | 94    | 276 | 30  |    |    |   |
| 200  | 12404  | 0            | -54.3 |                      | 0            | 73          | 257       | 12    | 200   | 12330  | 0            | -56.3 |                      |              | 1           | 84        | 258   | 19  | 200    | 12247        | 2    | -55.8                |              |             | 2         | 96    | 273 | 38  |    |    |   |
| 300  | 9673   | 0            | -31.8 | 15.1                 | 0            | 57          | 266       | 6     | 300   | 9625   | 0            | -34.1 | 12.1                 |              | 0           | 74        | 274   | 12  | 300    | 9546         | 0    | -35.5                | 10.0         |             | 0         | 94    | 284 | 30  |    |    |   |
| 500  | 5859   | 0            | -5.3  | 18.1                 | 0            | 50          | 316       | 4     | 500   | 5845   | 0            | -7.8  | 17.0                 |              | 0           | 71        | 288   | 8   | 500    | 5793         | 0    | -9.6                 | 14.8         |             | 0         | 91    | 289 | 16  |    |    |   |
| 700  | 3141   | 0            | 10.0  | 17.2                 | 0            | 25          | 20        | 2     | 700   | 3143   | 1            | 9.0   | 12.9                 |              | 1           | 54        | 315   | 4   | 700    | 3117         | 0    | 5.5                  | 19.6         |             | 0         | 72    | 289 | 7   |    |    |   |
| 850  | 1505   | 0            | 17.1  | 7.6                  | 0            | 45          | 69        | 3     | 850   | 1512   | 0            | 16.3  | 4.8                  |              | 0           | 31        | 12    | 2   | 850    | 1513         | 0    | 10.6                 | 3.8          |             | 0         | 8     | 124 | 1   |    |    |   |
| 1010   | *      | 3            | 28.9  | 5.9                  |              |             |           |       | 1012  | *      | 3            | 27.7  | 5.3                  |              |             |           |       |   | 1016   | *            | 2    | 20.4                 | 3.3          |             |           |       |     |     |    |    |   |
| <b>SW PACIFIC - AUSTRALIA</b><br><b>DARWIN AIRPORT</b><br>94120 APR 1995 1224S 13052E OB /         |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA</b><br><b>GOVE AIRPORT</b><br>94150 APR 1995 1216S 13649E OB /            |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA</b><br><b>BROOME AIRPORT</b><br>94203 APR 1995 1757S 12213E OB /              |        |              |      |                      |              |             |           |       |     |     |    |    |   |
| 030  | 23746  | 0            | -57.3 |                      | 1            | 67          | 108       | 3     | 030   | 23748  | 6            | -56.9 |                      |              | 7           | 58        | 117   | 3   | 030    | 23760        | 3    | -57.7                |              |             | 4         | 91    | 90  | 8   |    |    |   |
| 050  | 20589  | 0            | -67.5 |                      | 1            | 62          | 100       | 5     | 050   | 20590  | 3            | -67.2 |                      |              | 4           | 56        | 102   | 4   | 050    | 20589        | 2    | -66.6                |              |             | 3         | 69    | 92  | 5   |    |    |   |
| 100  | 16599  | 0            | -82.2 |                      | 0            | 32          | 261       | 3     | 100   | 16600  | 2            | -82.1 |                      |              | 0           | 22        | 257   | 2   | 100    | 16572        | 1    | -79.8                |              |             | 2         | 93    | 275 | 15  |    |    |   |
| 150  | 14256  | 0            | -67.8 |                      | 0            | 47          | 316       | 6     | 150   | 14259  | 2            | -68.0 |                      |              | 0           | 37        | 333   | 4   | 150    | 14217        | 0    | -67.8                |              |             | 1         | 90    | 286 | 22  |    |    |   |
| 200  | 12464  | 0            | -53.0 |                      | 0            | 46          | 288       | 5     | 200   | 12467  | 2            | -52.7 |                      |              | 0           | 38        | 313   | 4   | 200    | 12427        | 0    | -53.4                |              |             | 1         | 91    | 280 | 21  |    |    |   |
| 300  | 9714   | 0            | -30.0 |                      | 0            | 38          | 219       | 3     | 300   | 9715   | 2            | -29.9 |                      |              | 0           | 5         | 256   | 1   | 300    | 9688         | 0    | -31.3                |              |             | 1         | 91    | 272 | 16  |    |    |   |
| 500  | 5873   | 0            | -4.2  | 9.7                  | 0            | 39          | 96        | 2     | 500   | 5874   | 2            | -4.5  | 11.9                 |              | 0           | 58        | 103   | 3   | 500    | 5869         | 0    | -5.1                 | 16.2         |             | 1         | 71    | 274 | 6   |    |    |   |
| 700  | 3150   | 0            | 9.7   | 11.0                 | 0            | 77          | 91        | 5     | 700   | 3149   | 2            | 9.9   | 12.0                 |              | 0           | 74        | 106   | 5   | 700    | 3155         | 0    | 7.9                  | 6.4          |             | 0         | 69    | 71  | 5   |    |    |   |
| 850  | 1513   | 0            | 17.8  | 6.9                  | 2            | 90          | 100       | 7     | 850   | 1512   | 2            | 18.2  | 11.2                 |              | 0           | 91        | 114   | 8   | 850    | 1518         | 0    | 19.5                 | 11.0         |             | 0         | 59    | 77  | 4   |    |    |   |
| 1008   | *      | 30           | 26.2  | 3.3                  |              |             |           |       | 1005  | *      | 54           | 27.2  | 4.3                  |              |             |           |       |   | 1010   | *            | 9    | 25.5                 | 3.7          |             |           |       |     |     |    |    |   |

# UPPER AIR

APRIL 1995

| 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 | % | ° |
| SW PACIFIC - AUSTRALIA<br>TOWNSVILLE AIRPORT<br>94294 APR 1995 1915S 14645E OB /   |        |              |       |                      |              |             |           |       | SW PACIFIC - AUSTRALIA<br>WILLIS ISLAND<br>94299 APR 1995 1618S 14959E OB / |        |              |       |                      |              |             |           |       | SW PACIFIC - AUSTRALIA<br>LEARMONTH AIRPORT<br>94302 APR 1995 2214S 11405E OB /   |        |              |       |                      |              |             |           |       |     |     |    |    |   |   |
| 030  | 23771  | 3            | -57.0 |                      | 5            | 96          | 89        | 9     | 030   | 23760  | 5            | -57.5 |                      | 2            | 92          | 85        | 8     | 030   | 23782  | 2            | -56.5 |                      |              |             |           |       |     |     |    |    |   |   |
| 050  | 20607  | 2            | -66.6 |                      | 4            | 94          | 95        | 8     | 050   | 20601  | 3            | -67.0 |                      | 0            | 87          | 93        | 7     | 050   | 20601  | 0            | -65.4 |                      |              |             |           |       |     |     |    |    |   |   |
| 100  | 16580  | 0            | -80.9 |                      | 1            | 95          | 279       | 16    | 100   | 16597  | 0            | -82.2 |                      | 0            | 84          | 282       | 9     | 100   | 16518  | 0            | -76.2 |                      | 4            | 84          | 271       | 13    |     |     |    |    |   |   |
| 150  | 14222  | 0            | -67.4 |                      | 1            | 96          | 282       | 25    | 150   | 14257  | 0            | -67.7 |                      | 0            | 92          | 289       | 16    | 150   | 14126  | 0            | -66.1 |                      | 3            | 97          | 280       | 30    |     |     |    |    |   |   |
| 200  | 12430  | 0            | -53.2 |                      | 1            | 94          | 278       | 24    | 200   | 12464  | 0            | -52.8 |                      | 0            | 90          | 284       | 14    | 200   | 12336  | 0            | -54.4 |                      | 0            | 94          | 279       | 36    |     |     |    |    |   |   |
| 300  | 9690   | 0            | -31.5 |                      | 0            | 95          | 274       | 18    | 300   | 9716   | 0            | -30.4 |                      | 0            | 80          | 274       | 9     | 300   | 9617   | 0            | -33.6 |                      | 0            | 93          | 277       | 27    |     |     |    |    |   |   |
| 500  | 5871   | 0            | -5.0  | 16.1                 | 0            | 87          | 271       | 8     | 500   | 5885   | 0            | -4.2  | 11.6                 | 0            | 57          | 293       | 3     | 500   | 5836   | 0            | -7.7  | 16.0                 | 0            | 87          | 279       | 11    |     |     |    |    |   |   |
| 700  | 3149   | 0            | 9.6   | 14.3                 | 0            | 40          | 230       | 2     | 700   | 3154   | 0            | 10.5  | 9.6                  | 0            | 20          | 154       | 1     | 700   | 3141   | 0            | 7.5   | 11.5                 | 0            | 64          | 332       | 5     |     |     |    |    |   |   |
| 850  | 1522   | 0            | 15.4  | 9.8                  | 0            | 83          | 114       | 6     | 850   | 1516   | 0            | 16.9  | 5.4                  | 0            | 86          | 113       | 6     | 850   | 1517   | 0            | 16.6  | 9.0                  | 0            | 38          | 46        | 2     |     |     |    |    |   |   |
| 1013   | * 6    |              | 27.7  | 10.5                 |              |             |           |       | 1011  | * 9    |              | 27.8  | 5.2                  |              |             |           |       | 1012  | * 6    |              | 21.8  | 3.9                  |              |             |           |       |     |     |    |    |   |   |
| SW PACIFIC - AUSTRALIA<br>PORT HEDLAND AIRPORT<br>94312 APR 1995 2022S 11837E OB / |        |              |       |                      |              |             |           |       | SW PACIFIC - AUSTRALIA<br>ALICE SPRINGS<br>94326 APR 1995 2348S 13354E OB / |        |              |       |                      |              |             |           |       | SW PACIFIC - AUSTRALIA<br>MT ISA AIRPORT<br>94332 APR 1995 2040S 13929E OB /      |        |              |       |                      |              |             |           |       |     |     |    |    |   |   |
| 030  | 23782  | 2            | -57.3 |                      | 1            | 93          | 84        | 9     | 030   | 23790  | 5            | -56.4 |                      | 6            | 95          | 76        | 9     | 030   | 23785  | 5            | -57.0 |                      |              |             |           |       |     |     |    |    |   |   |
| 050  | 20606  | 1            | -65.6 |                      | 0            | 80          | 101       | 5     | 050   | 20611  | 0            | -64.8 |                      | 2            | 83          | 93        | 6     | 050   | 20616  | 3            | -66.0 |                      |              |             |           |       |     |     |    |    |   |   |
| 100  | 16552  | 1            | -78.5 |                      | 0            | 94          | 276       | 20    | 100   | 16513  | 0            | -75.9 |                      | 1            | 97          | 267       | 23    | 100   | 16566  | 2            | -79.0 |                      |              |             |           |       |     |     |    |    |   |   |
| 150  | 14176  | 1            | -66.9 |                      | 0            | 92          | 284       | 27    | 150   | 14122  | 0            | -65.7 |                      | 1            | 97          | 272       | 37    | 150   | 14202  | 1            | -66.9 |                      |              |             |           |       |     |     |    |    |   |   |
| 200  | 12387  | 0            | -53.7 |                      | 0            | 93          | 275       | 31    | 200   | 12330  | 0            | -54.6 |                      | 1            | 97          | 268       | 40    | 200   | 12410  | 1            | -53.6 |                      |              |             |           |       |     |     |    |    |   |   |
| 300  | 9658   | 0            | -32.4 |                      | 0            | 91          | 275       | 23    | 300   | 9614   | 0            | -34.0 |                      | 1            | 96          | 267       | 31    | 300   | 9677   | 1            | -31.9 |                      |              |             |           |       |     |     |    |    |   |   |
| 500  | 5856   | 0            | -6.2  | 13.9                 | 0            | 85          | 274       | 9     | 500   | 5837   | 0            | -8.5  | 12.3                 | 1            | 91          | 260       | 13    | 500   | 5867   | 1            | -5.8  | 16.1                 | 1            | 91          | 263       | 11    |     |     |    |    |   |   |
| 700  | 3153   | 0            | 7.0   | 9.2                  | 0            | 77          | 8         | 6     | 700   | 3157   | 0            | 5.5   | 11.6                 | 1            | 64          | 239       | 6     | 700   | 3159   | 1            | 7.8   | 14.4                 | 1            | 65          | 225       | 4     |     |     |    |    |   |   |
| 850  | 1521   | 0            | 18.7  | 10.7                 | 1            | 42          | 49        | 2     | 850   | 1540   | 0            | 14.7  | 15.4                 | 0            | 60          | 99        | 5     | 850   | 1533   | 1            | 17.2  | 18.0                 | 1            | 49          | 125       | 4     |     |     |    |    |   |   |
| 1011   | * 6    |              | 24.1  | 5.7                  |              |             |           |       | 955   | * 547  |              | 17.3  | 12.6                 |              |             |           |       | 976   | * 344  |              | 25.5  | 20.9                 |              |             |           |       |     |     |    |    |   |   |
| SW PACIFIC - AUSTRALIA<br>GERALDTON AIRPORT<br>94403 APR 1995 2847S 11442E OB /    |        |              |       |                      |              |             |           |       | SW PACIFIC - AUSTRALIA<br>GILES<br>94461 APR 1995 2502S 12817E OB /         |        |              |       |                      |              |             |           |       | SW PACIFIC - AUSTRALIA<br>CHARLEVILLE AIRPORT<br>94510 APR 1995 2624S 14616E OB / |        |              |       |                      |              |             |           |       |     |     |    |    |   |   |
| 030  | 23801  | 4            | -55.4 |                      | 4            | 79          | 54        | 5     | 030   | 23800  | 2            | -56.0 |                      | 3            | 93          | 68        | 9     | 030   | 23810  | 3            | -56.0 |                      |              |             |           |       |     |     |    |    |   |   |
| 050  | 20598  | 1            | -63.1 |                      | 0            | 39          | 227       | 2     | 050   | 20612  | 1            | -64.2 |                      | 4            | 39          | 118       | 2     | 050   | 20626  | 1            | -63.9 |                      | 7            | 70          | 67        | 4     |     |     |    |    |   |   |
| 100  | 16418  | 0            | -69.3 |                      | 0            | 94          | 268       | 19    | 100   | 16492  | 0            | -74.9 |                      | 0            | 96          | 271       | 24    | 100   | 16474  | 1            | -72.0 |                      | 2            | 97          | 271       | 26    |     |     |    |    |   |   |
| 150  | 13963  | 0            | -62.5 |                      | 0            | 95          | 274       | 31    | 150   | 14088  | 0            | -65.0 |                      | 0            | 95          | 276       | 38    | 150   | 14051  | 1            | -64.1 |                      | 1            | 97          | 274       | 45    |     |     |    |    |   |   |
| 200  | 12164  | 0            | -56.7 |                      | 0            | 95          | 275       | 34    | 200   | 12294  | 0            | -54.3 |                      | 0            | 95          | 270       | 42    | 200   | 12250  | 1            | -54.1 |                      | 0            | 96          | 273       | 48    |     |     |    |    |   |   |
| 300  | 9499   | 0            | -38.8 |                      | 0            | 86          | 273       | 23    | 300   | 9585   | 0            | -35.1 |                      | 0            | 96          | 270       | 30    | 300   | 9546   | 1            | -36.2 |                      | 0            | 97          | 269       | 33    |     |     |    |    |   |   |
| 500  | 5790   | 0            | -11.5 | 16.8                 | 0            | 75          | 266       | 8     | 500   | 5802   | 0            | -9.5  | 13.0                 | 2            | 92          | 264       | 13    | 500   | 5806   | 1            | -10.1 | 18.4                 | 0            | 91          | 265       | 13    |     |     |    |    |   |   |
| 700  | 3128   | 0            | 4.7   | 10.3                 | 0            | 23          | 263       | 2     | 700   | 3155   | 0            | 5.2   | 6.8                  | 2            | 84          | 280       | 7     | 700   | 3136   | 1            | 4.3   | 13.8                 | 0            | 78          | 246       | 6     |     |     |    |    |   |   |
| 850  | 1522   | 0            | 12.3  | 7.4                  | 1            | 18          | 137       | 1     | 850   | 1536   | 0            | 16.5  | 14.0                 | 1            | 68          | 35        | 5     | 850   | 1533   | 1            | 12.9  | 11.6                 | 0            | 8           | 271       | 1     |     |     |    |    |   |   |
| 1012   | * 34   |              | 17.1  | 5.2                  |              |             |           |       | 948   | * 599  |              | 18.9  | 13.5                 |              |             |           |       | 982   | * 304  |              | 21.0  | 15.3                 |              |             |           |       |     |     |    |    |   |   |

# UPPER AIR

APRIL 1995

| 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 |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>SW PACIFIC - AUSTRALIA MOREE</b><br>94527 APR 1995 2928S 14951E OB /              |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA BRISBANE AIRPORT M.O</b><br>94578 APR 1995 2723S 15306E OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA BELMONT (PERTH AIRPORT)</b><br>94610 APR 1995 3156S 11557E OB / |        |              |       |                      |              |             |           |       |
| 030  | 23815  | 3            | -56.4 |                      | 8            | 89          | 87        | 6     | 030  | 23815  | 6            | -55.9 |                      | 7            | 95          | 89        | 8     | 030   | 23798  | 5            | -54.8 |                      | 6            | 33          | 3         | 2     |
| 050  | 20620  | 2            | -62.4 |                      | 6            | 45          | 49        | 2     | 050  | 20625  | 3            | -63.3 |                      | 4            | 58          | 83        | 3     | 050   | 20585  | 1            | -62.2 |                      | 3            | 73          | 252       | 5     |
| 100  | 16408  | 0            | -67.7 |                      | 2            | 97          | 270       | 24    | 100  | 16457  | 0            | -69.9 |                      | 3            | 96          | 271       | 25    | 100   | 16364  | 0            | -66.6 |                      | 0            | 95          | 268       | 20    |
| 150  | 13938  | 0            | -61.4 |                      | 1            | 98          | 271       | 43    | 150  | 14017  | 0            | -63.3 |                      | 2            | 97          | 273       | 46    | 150   | 13885  | 0            | -61.3 |                      | 0            | 94          | 271       | 27    |
| 200  | 12125  | 0            | -54.5 |                      | 1            | 97          | 272       | 45    | 200  | 12209  | 0            | -53.6 |                      | 2            | 96          | 274       | 50    | 200   | 12088  | 0            | -57.5 |                      | 1            | 91          | 270       | 28    |
| 300  | 9453   | 0            | -39.9 |                      | 1            | 93          | 268       | 28    | 300  | 9510   | 0            | -37.2 |                      | 3            | 95          | 271       | 36    | 300   | 9442   | 0            | -41.3 |                      | 1            | 85          | 265       | 18    |
| 500  | 5763   | 0            | -12.6 | 18.7                 | 1            | 91          | 263       | 14    | 500  | 5788   | 0            | -11.4 | 19.9                 | 1            | 89          | 268       | 13    | 500   | 5766   | 0            | -13.3 | 18.6                 | 1            | 71          | 259       | 8     |
| 700  | 3115   | 0            | 2.5   | 16.4                 | 1            | 72          | 252       | 7     | 700  | 3127   | 0            | 4.0   | 16.2                 | 1            | 59          | 246       | 5     | 700   | 3119   | 0            | 3.1   | 17.6                 | 0            | 42          | 247       | 3     |
| 850  | 1525   | 0            | 9.7   | 9.0                  | 1            | 41          | 254       | 3     | 850  | 1528   | 0            | 11.0  | 7.4                  | 1            | 30          | 170       | 3     | 850   | 1525   | 0            | 9.9   | 7.4                  | 4            | 9           | 289       | 1     |
| 993  | * 212  |              | 19.4  | 11.3                 |              |             |           |       | 1017   | * 5    |              | 21.6  | 7.6                  |              |             |           |       | 1017  | * 29   |              | 14.5  | 4.6                  |              |             |           |       |
| <b>SW PACIFIC - AUSTRALIA KALGOORLIE AIRPORT</b><br>94637 APR 1995 3046S 12127E OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA ESPERANCE</b><br>94638 APR 1995 3349S 12153E OB /            |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA WOOMERA AERODROME</b><br>94659 APR 1995 3108S 13649E OB /       |        |              |       |                      |              |             |           |       |
| 030  | 23800  | 7            | -55.2 |                      | 7            | 65          | 60        | 3     | 030  | 23815  | 6            | -54.0 |                      | 8            | 39          | 334       | 2     | 030   | 23831  | 5            | -55.7 |                      | 8            | 80          | 81        | 4     |
| 050  | 20587  | 4            | -62.0 |                      | 4            | 76          | 264       | 4     | 050  | 20589  | 2            | -60.8 |                      | 4            | 77          | 250       | 5     | 050   | 20619  | 3            | -61.0 |                      | 5            | 32          | 146       | 1     |
| 100  | 16378  | 2            | -67.7 |                      | 0            | 94          | 267       | 21    | 100  | 16336  | 1            | -64.7 |                      | 4            | 97          | 263       | 18    | 100   | 16386  | 0            | -66.1 |                      | 1            | 95          | 268       | 23    |
| 150  | 13908  | 2            | -62.0 |                      | 0            | 94          | 272       | 32    | 150  | 13837  | 1            | -60.6 |                      | 4            | 94          | 265       | 26    | 150   | 13903  | 0            | -61.0 |                      | 1            | 94          | 271       | 37    |
| 200  | 12108  | 2            | -56.7 |                      | 0            | 94          | 272       | 36    | 200  | 12033  | 0            | -57.8 |                      | 3            | 92          | 263       | 27    | 200   | 12096  | 0            | -56.2 |                      | 2            | 92          | 267       | 37    |
| 300  | 9453   | 2            | -40.4 |                      | 0            | 88          | 267       | 24    | 300  | 9400   | 0            | -42.3 |                      | 1            | 89          | 265       | 21    | 300   | 9439   | 0            | -40.4 |                      | 1            | 87          | 265       | 25    |
| 500  | 5768   | 2            | -13.2 | 16.4                 | 0            | 81          | 261       | 10    | 500  | 5741   | 0            | -14.7 | 18.3                 | 1            | 84          | 255       | 11    | 500   | 5757   | 0            | -13.5 | 16.8                 | 0            | 80          | 261       | 13    |
| 700  | 3125   | 0            | 3.0   | 13.8                 | 0            | 57          | 262       | 4     | 700  | 3109   | 0            | 1.7   | 18.4                 | 1            | 65          | 253       | 6     | 700   | 3120   | 0            | 2.0   | 14.1                 | 0            | 67          | 252       | 7     |
| 850  | 1532   | 0            | 9.0   | 4.7                  | 1            | 12          | 355       | 1     | 850  | 1526   | 0            | 7.2   | 5.8                  | 1            | 47          | 258       | 4     | 850   | 1531   | 0            | 9.0   | 13.4                 | 0            | 48          | 249       | 4     |
| 977  | * 360  |              | 13.2  | 2.6                  |              |             |           |       | 1017   | * 26   |              | 12.7  | 2.8                  |              |             |           |       | 1000  | * 167  |              | 15.3  | 8.4                  |              |             |           |       |
| <b>SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT</b><br>94672 APR 1995 3456S 13831E OB /   |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA COBAR</b><br>94711 APR 1995 3129S 14549E OB /                |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME</b><br>94776 APR 1995 3247S 15149E OB /   |        |              |       |                      |              |             |           |       |
| 030  | 23828  | 6            | -55.1 |                      | 8            | 54          | 24        | 2     | 030  | 23842  | 9            | -55.7 |                      |              |             |           |       | 030   | 23819  | 6            | -56.4 |                      | 7            | 58          | 81        | 4     |
| 050  | 20597  | 5            | -59.3 |                      | 7            | 73          | 268       | 4     | 050  | 20632  | 3            | -60.9 |                      |              |             |           |       | 050   | 20616  | 4            | -60.9 |                      | 3            | 26          | 8         | 1     |
| 100  | 16303  | 0            | -62.8 |                      | 0            | 92          | 270       | 20    | 100  | 16381  | 3            | -65.4 |                      |              |             |           |       | 100   | 16347  | 0            | -63.9 |                      | 0            | 97          | 272       | 20    |
| 150  | 13784  | 0            | -58.6 |                      | 0            | 92          | 268       | 28    | 150  | 13884  | 3            | -60.0 |                      | 3            | 95          | 273       | 37    | 150   | 13835  | 0            | -58.7 |                      | 0            | 98          | 271       | 31    |
| 200  | 11970  | 0            | -57.5 |                      | 0            | 89          | 265       | 30    | 200  | 12071  | 3            | -56.0 |                      | 3            | 93          | 269       | 36    | 200   | 12014  | 0            | -54.9 |                      | 0            | 97          | 271       | 32    |
| 300  | 9340   | 0            | -43.4 |                      | 0            | 80          | 261       | 23    | 300  | 9423   | 2            | -40.9 |                      | 2            | 88          | 267       | 26    | 300   | 9366   | 0            | -42.1 |                      | 0            | 89          | 267       | 25    |
| 500  | 5704   | 0            | -16.4 | 14.5                 | 0            | 74          | 255       | 13    | 500  | 5752   | 2            | -14.2 | 15.4                 | 2            | 82          | 264       | 12    | 500   | 5712   | 0            | -15.9 | 15.6                 | 0            | 82          | 266       | 13    |
| 700  | 3089   | 0            | -2    | 15.4                 | 0            | 67          | 253       | 9     | 700  | 3117   | 2            | 1.8   | 18.7                 | 2            | 59          | 255       | 6     | 700   | 3092   | 0            | .4    | 15.1                 | 0            | 73          | 263       | 7     |
| 850  | 1515   | 0            | 6.0   | 8.1                  | 1            | 65          | 262       | 6     | 850  | 1529   | 2            | 9.2   | 11.9                 | 2            | 39          | 248       | 4     | 850   | 1513   | 0            | 7.5   | 7.3                  | 0            | 42          | 276       | 4     |
| 1019   | * 4    |              | 15.1  | 6.0                  |              |             |           |       | 989  | * 265  |              | 16.4  | 9.9                  |              |             |           |       | 1017  | * 8    |              | 17.7  | 6.6                  |              |             |           |       |

# UPPER AIR

APRIL 1995

| 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 |
| <b>SW PACIFIC - AUSTRALIA</b><br><b>ALBANY AIRPORT</b><br>94802 APR 1995 3456S 11748E OB /                          |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA</b><br><b>MT GAMBIER AIRPORT (M.O.)</b><br>94821 APR 1995 3744S 14047E OB /         |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA</b><br><b>LAVERTON AERODROME</b><br>94865 APR 1995 3751S 14444E OB /                |        |              |       |                      |              |             |           |       |     |
| 030   | 23815  | 5            | -54.1 |                      |              |             |           |       | 030   | 23824  | 10           | -55.2 |                      |              |             |           |       |   | 030    | 23837        | 10    | -55.4                |              |             |           |       |     |
| 050   | 20589  | 2            | -60.6 |                      |              | 6           | 80        | 252   | 050   | 20582  | 7            | -58.0 |                      |              | 9           | 74        | 314   | 050   | 20597  | 7            | -57.7 |                      |              | 9           | 76        | 300   |     |
| 100   | 16321  | 0            | -64.0 |                      |              | 1           | 97        | 261   | 100   | 16252  | 2            | -60.5 |                      |              | 0           | 88        | 274   | 100   | 16256  | 2            | -60.0 |                      |              | 1           | 89        | 275   |     |
| 150   | 13818  | 0            | -60.5 |                      |              | 0           | 94        | 262   | 150   | 13708  | 2            | -56.7 |                      |              | 0           | 89        | 269   | 150   | 13706  | 2            | -56.4 |                      |              | 1           | 89        | 270   |     |
| 200   | 12018  | 0            | -58.4 |                      |              | 0           | 90        | 260   | 200   | 11884  | 1            | -56.6 |                      |              | 1           | 83        | 267   | 200   | 11877  | 2            | -56.0 |                      |              | 1           | 82        | 266   |     |
| 300   | 9391   | 0            | -42.6 |                      |              | 0           | 79        | 256   | 300   | 9262   | 1            | -44.9 |                      |              | 0           | 71        | 264   | 300   | 9250   | 2            | -45.1 |                      |              | 1           | 72        | 258   |     |
| 500   | 5734   | 0            | -14.7 | 18.6                 | 0            | 75          | 256       | 11    | 500   | 5651   | 1            | -18.1 | 13.2                 | 0            | 63          | 262       | 500   | 5643  | 2      | -18.3        | 14.7  | 1                    | 70           | 256         |           |       |     |
| 700   | 3104   | 0            | 1.5   | 17.7                 | 0            | 60          | 252       | 6     | 700   | 3053   | 1            | -1.8  | 13.3                 | 0            | 65          | 267       | 700   | 3049  | 2      | -2.3         | 13.0  | 2                    | 60           | 263         |           |       |     |
| 850   | 1521   | 0            | 7.2   | 5.6                  | 0            | 48          | 250       | 4     | 850   | 1490   | 1            | 4.1   | 6.4                  | 0            | 68          | 270       | 850   | 1486  | 2      | 4.8          | 7.0   | 2                    | 62           | 260         |           |       |     |
| 1011  | * 69   |              | 12.6  | 2.0                  |              |             |           |       | 1010  | * 69   |              | 11.5  | 3.3                  |              |             |           |       | 1015  | * 21   |              | 12.6  | 4.8                  |              |             |           |       |     |
| <b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b><br><b>WAGGA AIRPORT</b><br>94910 APR 1995 3509S 14727E OB /          |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b><br><b>HOBART AIRPORT</b><br>94975 APR 1995 4250S 14729E OB /   |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b><br><b>LORD HOWE ISLAND</b><br>94995 APR 1995 3132S 15904E OB / |        |              |       |                      |              |             |           |       |     |
| 030   | 23840  | 9            | -56.0 |                      |              |             |           |       | 030   | 23837  | 9            | -54.3 |                      |              | 9           | 87        | 310   | 030   | 23840  | 6            | -56.1 |                      |              |             |           |       |     |
| 050   | 20615  | 1            | -59.4 |                      |              |             |           |       | 050   | 20577  | 7            | -55.9 |                      |              | 8           | 88        | 300   | 050   | 20639  | 3            | -61.1 |                      |              | 8           | 50        | 86    |     |
| 100   | 16306  | 0            | -61.7 |                      |              |             |           |       | 100   | 16190  | 0            | -56.6 |                      |              | 3           | 88        | 290   | 100   | 16391  | 0            | -64.9 |                      |              | 2           | 96        | 272   |     |
| 150   | 13775  | 0            | -57.5 |                      |              | 6           | 95        | 269   | 150   | 13614  | 0            | -54.9 |                      |              | 2           | 84        | 282   | 150   | 13889  | 0            | -59.5 |                      |              | 1           | 98        | 270   |     |
| 200   | 11952  | 0            | -56.0 |                      |              | 2           | 93        | 270   | 200   | 11777  | 0            | -55.8 |                      |              | 2           | 77        | 279   | 200   | 12067  | 0            | -54.4 |                      |              | 1           | 96        | 271   |     |
| 300   | 9316   | 0            | -43.8 |                      |              | 0           | 82        | 264   | 300   | 9163   | 0            | -46.6 |                      |              | 2           | 58        | 278   | 300   | 9405   | 0            | -41.0 |                      |              | 1           | 94        | 271   |     |
| 500   | 5686   | 0            | -16.9 | 17.1                 | 0            | 76          | 263       | 14    | 500   | 5577   | 0            | -19.8 | 12.8                 | 1            | 65          | 284       | 500   | 5735  | 0      | -14.5        | 17.3  | 0                    | 84           | 271         |           |       |     |
| 700   | 3076   | 0            | -1.0  | 15.6                 | 1            | 67          | 256       | 9     | 700   | 2996   | 0            | -3.8  | 14.1                 | 2            | 64          | 276       | 700   | 3098  | 0      | 2.1          | 17.0  | 1                    | 59           | 275         |           |       |     |
| 850   | 1505   | 0            | 5.5   | 7.5                  | 0            | 56          | 262       | 6     | 850   | 1441   | 0            | 3.5   | 6.3                  | 2            | 67          | 276       | 850   | 1512  | 0      | 8.5          | 6.4   | 0                    | 24           | 273         |           |       |     |
| 994   | * 213  |              | 12.9  | 6.6                  |              |             |           |       | 1010  | * 27   |              | 11.3  | 4.5                  |              |             |           |       | 1016  | * 6    |              | 21.0  | 7.5                  |              |             |           |       |     |
| <b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b><br><b>NORFOLK ISLAND AIRPORT</b><br>94996 APR 1995 2902S 16756E OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b><br><b>MACQUARIE ISLAND</b><br>94998 APR 1995 5429S 15856E OB 3 |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - ISLANDS</b><br><b>COCOS ISLAND AIRPORT</b><br>96996 APR 1995 1211S 09649E OB 3                |        |              |       |                      |              |             |           |       |     |
| 030   | 23823  | 8            | -56.3 |                      |              | 7           | 91        | 88    | 030   | 23747  | 1            | -54.4 |                      |              | 1           | 96        | 296   | 030   | 23754  | 5            | -57.9 |                      |              | 7           | 40        | 112   |     |
| 050   | 20632  | 5            | -63.3 |                      |              | 3           | 56        | 74    | 050   | 20479  | 0            | -54.6 |                      |              | 0           | 96        | 297   | 050   | 20589  | 5            | -66.6 |                      |              | 8           | 55        | 108   |     |
| 100   | 16446  | 1            | -68.6 |                      |              | 2           | 96        | 272   | 100   | 16038  | 0            | -54.3 |                      |              | 0           | 93        | 297   | 100   | 16587  | 1            | -80.9 |                      |              | 3           | 31        | 253   |     |
| 150   | 13992  | 0            | -61.8 |                      |              | 0           | 97        | 269   | 150   | 13432  | 0            | -53.0 |                      |              | 0           | 88        | 297   | 150   | 14233  | 1            | -67.8 |                      |              | 4           | 60        | 275   |     |
| 200   | 12179  | 0            | -54.7 |                      |              | 0           | 95        | 272   | 200   | 11582  | 0            | -55.3 |                      |              | 0           | 86        | 295   | 200   | 12445  | 1            | -53.4 |                      |              | 3           | 68        | 287   |     |
| 300   | 9497   | 0            | -38.3 |                      |              | 0           | 93        | 276   | 300   | 8976   | 0            | -47.9 |                      |              | 0           | 81        | 294   | 300   | 9700   | 1            | -30.5 |                      |              | 4           | 57        | 268   |     |
| 500   | 5780   | 0            | -11.3 | 9.7                  | 1            | 88          | 278       | 14    | 500   | 5425   | 0            | -23.2 | 9.4                  | 0            | 82          | 297       | 500   | 5869  | 1      | -4.7         | 16.0  | 4                    | 24           | 218         |           |       |     |
| 700   | 3120   | 0            | 4.2   | 11.0                 | 0            | 44          | 296       | 4     | 700   | 2880   | 0            | -7.1  | 7.1                  | 1            | 82          | 305       | 700   | 3143  | 1      | 9.9          | 9.9   | 5                    | 47           | 136         |           |       |     |
| 850   | 1519   | 0            | 11.0  | 5.7                  | 1            | 8           | 60        | 1     | 850   | 1343   | 0            | .0    | 5.1                  | 1            | 81          | 310       | 850   | 1504  | 1      | 17.3         | 4.5   | 1                    | 65           | 107         |           |       |     |
| 1003  | * 109  |              | 22.0  | 5.4                  |              |             |           |       | 1003  | * 6    |              | 5.8   | 1.6                  |              |             |           |       | 1010  | * 3    |              | 26.4  | 3.2                  |              |             |           |       |     |

# 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 |
|  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| <b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b><br>PENANG/BAYAN LEPAS<br>48601 JAN 1995 0518N 10016E OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b><br>KOTA BHARU<br>48615 JAN 1995 0610N 10217E OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b><br>KUALA LUMPUR/PETALING JAYA<br>48648 JAN 1995 0306N 10139E OB 3 |        |              |       |                      |              |             |           |       |
| 030  | 23727  | 12           | -56.7 |                      | 0            | 98          | 275       | 8     | 030  | 22375  | 12           | -56.8 |                      | 9            | 97          | 281       | 7     | 030  | 23719  | 4            | -56.7 |                      | 4            | 99          | 272       | 10    |
| 050  | 20555  | 0            | -66.7 |                      | 0            | 17          | 281       | 1     | 050  | 20581  | 6            | -65.5 |                      | 8            | 47          | 260       | 2     | 050  | 20544  | 0            | -65.8 |                      | 0            | 32          | 311       | 2     |
| 100  | 16573  | 0            | -80.5 |                      | 0            | 68          | 110       | 4     | 100  | 16583  | 0            | -80.7 |                      | 1            | 75          | 106       | 4     | 100  | 16568  | 0            | -80.8 |                      | 0            | 55          | 113       | 3     |
| 150  | 14229  | 0            | -68.5 |                      | 0            | 78          | 131       | 8     | 150  | 14229  | 0            | -68.5 |                      | 0            | 78          | 129       | 7     | 150  | 14230  | 0            | -68.6 |                      | 0            | 82          | 121       | 8     |
| 200  | 12444  | 0            | -53.5 | 11.2                 | 0            | 81          | 136       | 6     | 200  | 12445  | 0            | -53.5 | 17.1                 | 0            | 82          | 135       | 6     | 200  | 12446  | 0            | -53.7 |                      | 0            | 91          | 124       | 6     |
| 300  | 9700   | 0            | -30.5 | 12.4                 | 0            | 88          | 114       | 4     | 300  | 9703   | 0            | -30.5 | 17.8                 | 0            | 86          | 117       | 4     | 300  | 9702   | 0            | -30.3 | 10.7                 | 0            | 93          | 110       | 4     |
| 500  | 5868   | 0            | -4.9  | 11.4                 | 0            | 88          | 93        | 4     | 500  | 5880   | 0            | -4.9  | 19.4                 | 0            | 91          | 94        | 4     | 500  | 5870   | 0            | -5.0  | 7.6                  | 0            | 89          | 79        | 3     |
| 700  | 3149   | 0            | 9.5   | 9.2                  | 0            | 81          | 88        | 3     | 700  | 3159   | 0            | 9.5   | 11.8                 | 0            | 85          | 82        | 3     | 700  | 3150   | 0            | 9.2   | 5.6                  | 0            | 65          | 67        | 2     |
| 850  | 1512   | 0            | 17.7  | 5.0                  | 0            | 85          | 69        | 3     | 850  | 1523   | 0            | 16.5  | 2.1                  | 0            | 88          | 75        | 4     | 850  | 1513   | 0            | 17.5  | 3.8                  | 0            | 77          | 41        | 3     |
| 1011   | * 4    |              | 26.5  | 40.0                 |              |             |           |       | 1013   | * 5    |              | 25.7  | 3.0                  |              |             |           |       | 1006   | * 57   |              | 25.5  | 2.5                  |              |             |           |       |
| <b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b><br>KUANTAN<br>48657 JAN 1995 0337N 10313E OB /            |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b><br>KUCHING<br>96413 JAN 1995 0129N 11020E OB / |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b><br>BINTULU<br>96441 JAN 1995 0312N 11302E OB /                 |        |              |       |                      |              |             |           |       |
| 030  | 23712  | 1            | -56.6 |                      | 1            | 98          | 274       | 9     | 030  | 23744  | 13           | -56.1 |                      | 9            | 99          | 268       | 10    | 030  | 23727  | 16           | -56.0 |                      | 9            | 99          | 270       | 11    |
| 050  | 20545  | 1            | -66.3 |                      | 1            | 21          | 270       | 1     | 050  | 20545  | 9            | -66.3 |                      | 9            | 26          | 291       | 2     | 050  | 20543  | 10           | -65.1 |                      | 9            | 19          | 221       | 1     |
| 100  | 16567  | 0            | -80.8 |                      | 0            | 61          | 116       | 4     | 100  | 16587  | 0            | -81.8 |                      | 2            | 69          | 96        | 6     | 100  | 16568  | 1            | -82.7 |                      | 1            | 69          | 102       | 6     |
| 150  | 14229  | 0            | -68.5 |                      | 0            | 83          | 122       | 8     | 150  | 14249  | 0            | -68.3 |                      | 0            | 91          | 112       | 9     | 150  | 14237  | 0            | -68.5 |                      | 0            | 88          | 119       | 8     |
| 200  | 12446  | 0            | -53.7 |                      | 0            | 87          | 125       | 6     | 200  | 12463  | 0            | -53.1 |                      | 0            | 91          | 120       | 7     | 200  | 12451  | 0            | -53.3 |                      | 0            | 89          | 124       | 6     |
| 300  | 9703   | 0            | -30.5 | 10.8                 | 0            | 92          | 114       | 4     | 300  | 9713   | 0            | -30.0 | 8.3                  | 0            | 84          | 106       | 4     | 300  | 9704   | 0            | -30.2 | 11.3                 | 0            | 88          | 102       | 5     |
| 500  | 5870   | 0            | -5.1  | 7.4                  | 0            | 94          | 84        | 4     | 500  | 5877   | 0            | -4.9  | 5.2                  | 0            | 92          | 87        | 4     | 500  | 5869   | 0            | -5.1  | 8.8                  | 1            | 92          | 92        | 4     |
| 700  | 3151   | 0            | 9.4   | 7.2                  | 0            | 80          | 61        | 3     | 700  | 3155   | 0            | 9.6   | 4.3                  | 0            | 66          | 85        | 2     | 700  | 3149   | 0            | 9.7   | 6.3                  | 0            | 88          | 86        | 3     |
| 850  | 1515   | 0            | 16.7  | 3.0                  | 0            | 90          | 39        | 4     | 850  | 1513   | 0            | 17.7  | 3.2                  | 0            | 56          | 49        | 2     | 850  | 1509   | 0            | 17.9  | 4.0                  | 0            | 71          | 57        | 2     |
| 1010   | * 16   |              | 24.6  | 1.6                  |              |             |           |       | 1009   | * 27   |              | 24.9  | 1.4                  |              |             |           |       | 1010   | * 5    |              | 25.7  | 1.6                  |              |             |           |       |
| <b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b><br>KOTA KINABALU<br>96471 JAN 1995 0556N 11603E OB /   |        |              |       |                      |              |             |           |       | <b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b><br>TAWAU<br>96481 JAN 1995 0416N 11753E OB 1   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |
| 030  | 23731  | 5            | -57.5 |                      | 5            | 99          | 269       | 8     | 030  | 23740  | 10           | -56.5 |                      | 9            | 98          | 268       | 10    |  |        |              |       |                      |              |             |           |       |
| 050  | 20563  | 4            | -66.7 |                      | 4            | 19          | 81        | 1     | 050  | 20571  | 6            | -67.4 |                      | 9            | 24          | 243       | 11    |  |        |              |       |                      |              |             |           |       |
| 100  | 16592  | 2            | -82.8 |                      | 2            | 86          | 100       | 7     | 100  | 16594  | 0            | -82.7 |                      | 6            | 70          | 102       | 5     |  |        |              |       |                      |              |             |           |       |
| 150  | 14255  | 1            | -67.9 |                      | 1            | 87          | 125       | 9     | 150  | 14257  | 0            | -68.1 |                      | 1            | 88          | 116       | 9     |  |        |              |       |                      |              |             |           |       |
| 200  | 12465  | 0            | -52.9 |                      | 0            | 87          | 126       | 6     | 200  | 12467  | 0            | -52.9 |                      | 0            | 91          | 120       | 7     |  |        |              |       |                      |              |             |           |       |
| 300  | 9716   | 0            | -29.9 | 17.2                 | 0            | 84          | 97        | 5     | 300  | 9718   | 0            | -30.1 | 15.2                 | 0            | 87          | 97        | 5     |  |        |              |       |                      |              |             |           |       |
| 500  | 5878   | 0            | -4.6  | 18.5                 | 0            | 95          | 92        | 5     | 500  | 5879   | 0            | -4.4  | 17.0                 | 0            | 93          | 85        | 5     |  |        |              |       |                      |              |             |           |       |
| 700  | 3154   | 0            | 10.1  | 10.4                 | 0            | 92          | 91        | 3     | 700  | 3156   | 0            | 9.9   | 9.8                  | 0            | 92          | 75        | 3     |  |        |              |       |                      |              |             |           |       |
| 850  | 1513   | 0            | 18.3  | 5.6                  | 0            | 78          | 92        | 2     | 850  | 1517   | 0            | 17.7  | 5.0                  | 0            | 88          | 50        | 3     |  |        |              |       |                      |              |             |           |       |
| 1011   | * 3    |              | 25.9  | 3.0                  |              |             |           |       | 1009   | * 20   |              | 25.5  | 1.8                  |              |             |           |       |  |        |              |       |                      |              |             |           |       |

# 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 |
|   |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| <b>EUROPE - SPAIN</b><br><b>LA CORUNA</b><br>08001 MAR 1995 4322N 00825W OB 3 |        |              |       |                      |              |             |           |       | <b>EUROPE - SPAIN</b><br><b>MADRID/BARAJAS</b><br>08221 MAR 1995 4030N 00335W OB 3 |        |              |       |                      |              |             |           |       | <b>EUROPE - SPAIN</b><br><b>PALMA DE MALLORCA</b><br>08301 MAR 1995 3933N 00237E OB 3 |        |              |       |                      |              |             |           |       |
| 030   | 23640  |              | -58.1 | 29.8                 | 9            | 69          | 302       | 8     | 030  | 23620  | 0            | -58.8 |                      | 0            | 47          | 320       | 2     | 030   | 23610  | 18           | -58.7 |                      | 7            | 70          | 280       | 5     |
| 050   | 20443  | 24           | -60.3 | 29.2                 | 9            | 78          | 303       | 12    | 050  | 20432  | 0            | -61.3 |                      | 0            | 74          | 308       | 4     | 050   | 20426  | 10           | -59.4 |                      | 4            | 83          | 287       | 7     |
| 100   | 16137  | 9            | -60.2 | 29.2                 | 9            | 81          | 301       | 23    | 100  | 16138  | 0            | -60.8 |                      | 0            | 79          | 301       | 8     | 100   | 16116  | 4            | -59.8 |                      | 1            | 94          | 283       | 13    |
| 150   | 13597  | 9            | -58.3 | 26.0                 | 9            | 77          | 304       | 28    | 150  | 13599  | 0            | -58.2 |                      | 0            | 73          | 307       | 4     | 150   | 13570  | 1            | -55.9 |                      | 1            | 89          | 288       | 16    |
| 200   | 11800  | 7            | -51.6 | 17.2                 | 7            | 71          | 313       | 33    | 200  | 11798  | 0            | -61.0 |                      | 0            | 70          | 321       | 11    | 200   | 11734  | 1            | -59.7 |                      | 1            | 76          | 302       | 14    |
| 300   | 9226   | 5            | -48.0 | 14.8                 | 7            | 62          | 315       | 15    | 300  | 9227   | 0            | -48.5 | 13.5                 | 0            | 69          | 331       | 11    | 300   | 9185   | 0            | -48.8 | 13.2                 | 1            | 60          | 315       | 12    |
| 500   | 5651   | 3            | -20.3 | 15.9                 | 3            | 69          | 302       | 23    | 500  | 5660   | 0            | -20.5 | 16.7                 | 0            | 63          | 322       | 8     | 500   | 5545   | 0            | -20.9 | 17.2                 | 1            | 70          | 314       | 11    |
| 700   | 3075   | 3            | -3.5  | 20.1                 | 4            | 60          | 306       | 15    | 700  | 3081   | 0            | -2.9  | 19.7                 | 0            | 56          | 324       | 5     | 700   | 3056   | 0            | -3.8  | 19.0                 | 1            | 58          | 318       | 7     |
| 850   | 1520   | 3            | 4.1   | 9.8                  | 4            | 37          | 309       | 7     | 850  | 1519   | 0            | 5.7   | 11.7                 | 0            | 41          | 336       | 2     | 850   | 1472   | 0            | 4.0   | 12.0                 | 1            | 40          | 318       | 4     |
| 1013  | * 67   |              | 11.9  | 4.6                  |              |             |           |       | 947  | * 633  |              | 11.6  | 10.1                 |              |             |           |       | 1018  | * 6    |              | 12.0  | 8.0                  |              |             |           |       |
| <b>EUROPE - SPAIN</b><br><b>MURCIA</b><br>08430 MAR 1995 3800N 00110W OB 3    |        |              |       |                      |              |             |           |       |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 030   | 23610  | 27           | -59.4 | 30.6                 | 9            | 83          | 285       | 6     |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 050   | 20441  | 16           | -61.4 | 30.2                 | 9            | 83          | 297       | 6     |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 100   | 16158  | 10           | -61.5 | 29.6                 | 9            | 93          | 284       | 12    |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 150   | 13622  | 6            | -57.5 | 27.5                 | 9            | 91          | 289       | 14    |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 200   | 11811  | 6            | -59.6 | 17.4                 | 8            | 76          | 306       | 13    |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 300   | 9229   | 3            | -48.2 | 15.0                 | 6            | 61          | 312       | 10    |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 500   | 5655   | 1            | -20.0 | 18.3                 | 3            | 55          | 314       | 6     |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 700   | 3072   | 0            | -2.4  | 21.6                 | 1            | 41          | 326       | 4     |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 850   | 1505   | 0            | 6.0   | 13.8                 | 0            | 36          | 348       | 3     |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |
| 1011  | * 62   |              | 14.7  | 8.0                  |              |             |           |       |  |        |              |       |                      |              |             |           |       |   |        |              |       |                      |              |             |           |       |



## STATION LIST RECENT DATA

|   |   |
|---|---|
| 40831 C ABADAN IRAN, ISLAMIC REP                  | 61499 C AIOUN EL ATROUSS MAURITANIA       |
| 47409 C ABASHIRI JAPAN                            | 07761 CT AJACCIO FRANCE                   |
| 71108 C ABBOTSFORD,B.C. CANADA                    | 31168 C AJAN USSR                         |
| 64756 C ABECHÉ CHAD                               | 47582 CT AKITA JAPAN                      |
| 03091 C ABERDEEN/DYCE U KINGDOM                   | 61437 C AKJOUJT MAURITANIA                |
| 03502 C ABERPORTH U KINGDOM                       | 42933 C AKOLA INDIA                       |
| 41112 C ABHA SAUDI ARABIA                         | 72521 C AKRON/AKRON-CANTON REG., OH. USA  |
| 65578 CT ABIDJAN COTE D'IVOIRE                    | 04063 C AKUREYRI ICELAND                  |
| 72266 C ABILENE, TX. USA                          | 04082 C AKURNES ICELAND                   |
| 41216 C ABU DHABI BATEEN AIRPORT U ARAB EMIRATES  | 40420 C AL AHSA SAUDI ARABIA              |
| 41217 CT ABU DHABI INTER. AIRPORT U ARAB EMIRATES | 41055 C AL BAHA SAUDI ARABIA              |
| 62640 CT ABU HAMED SUDAN                          | 40361 C AL-JOUF SAUDI ARABIA              |
| 62795 C ABU NA'AMA SUDAN                          | 98435 C ALABAT PHILIPPINES                |
| 78650 C ACAJUTLA EL SALVADOR                      | 08280 C ALBACETE/LOS LLANOS SPAIN         |
| 76805 C ACAPULCO,GRO. MEXICO                      | 94802 CT ALBANY AIRPORT AUSTRALIA         |
| 80427 C ACARIGUA VENEZUELA                        | 72518 C ALBANY/ALBANY CO., NY. USA        |
| 65472 C ACCRA GHANA                               | 06030 C ALBORG DENMARK & FAROE IS.        |
| 17352 CT ADANA TURKEY                             | 72365 C ALBUQUERQUE/INT.,NM. USA          |
| 17069 C ADAPAZARI TURKEY                          | 63995 C ALDABRA SEYCHELLES                |
| 63450 CT ADDIS ABABA ETHIOPIA                     | 31004 CT ALDAN USSR                       |
| 94672 CT ADELAIDE AIRPORT AUSTRALIA               | 83931 C ALEGRETE BRAZIL                   |
| 41480 C ADEN YEMEN                                | 40007 CT ALEPPO SYRIAN ARAB REP           |
| 41467 C ADEN KHORMAKSAR YEMEN                     | 71082 CT ALERT UA, N.W.T. CANADA          |
| 65585 C ADIAKE COTE D'IVOIRE                      | 68406 CT ALEXANDER BAY SOUTH AFRICA       |
| 60620 C ADRAR ALGERIA                             | 61997 C ALFRED FAURE (ILES CROZET) FRANCE |
| 76679 CT AEROP. INTERNACIONALMEXICO, MEXICO       | 60369 C ALGER PORT ALGERIA                |
| 76644 CT AEROP.INTERNACIONAL MERIDA, MEXICO       | 08359 C ALICANTE SPAIN                    |
| 76394 T AEROP.INTERNACIONAL MONTERRE MEXICO       | 08360 C ALICANTE/EL ALTET SPAIN           |
| 87582 C AEROPARQUE ARGENTINA                      | 94326 CT ALICE SPRINGS AUSTRALIA          |
| 17190 C AFYON TURKEY                              | 64662 C ALINDAO CENTRAL AFRICAN REP       |
| 61024 C AGADEZ NIGER                              | 42475 C ALLAHABAD/BAMHRAULI INDIA         |
| 60250 C AGADIR MOROCCO                            | 72517 C ALLENTOWN/A.-BETHLEHEM-.,PA.USA   |
| 61974 C AGALEGA MAURITIUS                         | 36870 CT ALMA-ATA USSR                    |
| 42261 C AGRA INDIA                                | 08487 C ALMERIA/AEROPUERTO SPAIN          |
| 17099 C AGRI TURKEY                               | 82965 T ALTA FLORESTA BRAZIL              |
| 42647 CT AHMADABAD INDIA                          | 44277 C ALTAI MONGOLIA                    |
| 47602 C AIKAWA JAPAN                              | 51076 C ALTAY CHINA                       |
| 60560 C AIN SEFRA ALGERIA                         | 64754 C AM-TIMAN CHAD                     |

## STATION LIST RECENT DATA

82030 C AMAPA BRAZIL  
 72363 T AMARILLO/INTL, TX. USA  
 17085 C AMASYA TURKEY  
 84160 C AMBATO-GRANJA ECUADOR  
 97724 C AMBON/PATTIMURA INDONESIA  
 98432 C AMBULONG PHILIPPINES  
 43311 T AMINI DIVI INDIA  
 40270 CT AMMAN AIRPORT JORDAN  
 97240 C AMPENAN/SELAPARANG INDONESIA  
 42071 C AMRITSAR INDIA  
 89009 CT AMUNDSEN-SCOTT USA  
 25563 CT ANADYR' USSR  
 67019 C ANALALAVA MADAGASCAR  
 70273 CT ANCHORAGE/INT. USA  
 84331 C ANDOAS PERU  
 47136 C ANDONG REP KOREA  
 91568 C ANEITYUM VANUATU  
 10291 C ANGERMUENDE GERMANY  
 04360 CT ANGMAGSSALIK DENMARK  
 70383 C ANGOON USA  
 87213 C ANGUINAN AERO ARGENTINA  
 70232 C ANIAK USA  
 17130 CT ANKARA/CENTRAL TURKEY  
 60360 C ANNABA ALGERIA  
 70398 C ANNETTE ISLAND, AK. USA  
 84542 C ANTA (HUARAZ) PERU  
 84695 C ANTABAMBA PERU  
 67025 C ANTALAHA MADAGASCAR  
 17300 C ANTALYA TURKEY  
 67083 CT ANTANANARIVO/IVATO MADAGASCAR  
 85442 CT ANTOFAGASTA CHILE  
 40718 C ANZALI IRAN, ISLAMIC REP  
 47575 C AOMORI JAPAN  
 72220 CT APALACHICOLA/MUN., FL. USA  
 98232 C APARRI PHILIPPINES  
 80084 C APARTADO/LOS CEDROS COLOMBIA  
 91762 C APIA SAMOA

83096 C ARACAJU BRAZIL  
 48462 C ARANYAPRATHET THAILAND  
 40357 C ARAR SAUDI ARABIA  
 80099 C ARAUCA/SANTIAGO PEREZ COLOMBIA  
 83579 C ARAXA BRAZIL  
 84752 C AREQUIPA PERU  
 22550 CT ARHANGEL' SK USSR  
 85406 C ARICA CHILE  
 60478 C ARIS ALGERIA  
 10091 C ARKONA GERMANY  
 60040 C ARRECIFE/LANZAROTE SPAIN  
 10460 C ARTERN GERMANY  
 86330 C ARTIGAS URUGUAY  
 17045 C ARTVIN TURKEY  
 44288 C ARVAIHEER MONGOLIA  
 60452 C ARZEW ALGERIA  
 47407 C ASAHIKAWA JAPAN  
 38880 CT ASHABAD USSR  
 72315 C ASHEVILLE/REG., NC USA  
 63021 CT ASMARA ETHIOPIA  
 62414 CT ASSWAN EGYPT  
 72791 C ASTORIA/CLATSOP, OR. USA  
 34880 C ASTRAHAN' USSR  
 08011 C ASTURIAS/AVILES SPAIN  
 89524 C ASUKA JAPAN  
 86218 C ASUNCION/AEROPUERTO PARAGUAY  
 65376 C ATAKPAME TOGO  
 84593 C ATALAYA PERU  
 61421 C ATAR MAURITANIA  
 62680 CT ATBARA SUDAN  
 17607 T ATHALASSA CYPRUS  
 16716 CT ATHENS(HELLINIKON) GREECE  
 16714 C ATHINAI/OBSERVATORY GREECE  
 64751 C ATI CHAD  
 71748 C ATIKOKAN,ONT. CANADA  
 72219 C ATLANTA/MUN., GA. USA  
 72407 C ATLANTIC CITY, NJ. USA

## STATION LIST RECENT DATA

91925 CT ATUONA FRENCH POLY.  
93119 C AUCKLAND AIRPORT N ZEALAND  
72218 C AUGUSTA/BUSH FIELD, GA. USA  
72254 C AUSTIN/ROBERT MUELLER., TX. USA  
08210 C AVILA SPAIN  
63460 T AWASSA ETHIOPIA  
84673 C AYACUCHO PERU  
87642 C AZUL AERO ARGENTINA  
40736 C BABULSAR IRAN, ISLAMIC REP  
08330 C BADAJOZ/TALAVERA LA REAL SPAIN  
41785 C BADIN PAKISTAN  
61781 C BAFATA GUINEA-BISSAU  
30554 C BAGDARIN USSR  
83980 C BAGE BRAZIL  
40650 CT BAGHDAD IRAQ  
71727 C BAGOTVILLE,QUE. CANADA  
98328 C BAGUIO PHILIPPINES  
41678 CT BAHAWALNAGAR PAKISTAN  
41700 C BAHAWALPUR PAKISTAN  
87750 C BAHIA BLANCA AERO ARGENTINA  
86033 C BAHIA NEGRA PARAGUAY  
41150 CT BAHRAIN (INT. AIRPORT) BAHRAIN  
44287 C BAIANHONGOR MONGOLIA  
71187 C BAIE COMEAU,QUE. CANADA  
44265 C BAITAG MONGOLIA  
44352 C BAJNDELGER MONGOLIA  
71926 CT BAKER LAKE UA,N.W.T. CANADA  
41536 C BALAKOT PAKISTAN  
98333 C BALER PHILIPPINES  
35796 C BALHAS USSR  
17150 C BALIKESIR TURKEY  
96633 C BALIKPAPAN/SEPINGGAN INDONESIA  
85874 C BALMACEDA CHILE  
72406 C BALTIMORE/BALTIMORE-WASHINGTON USA  
40854 CT BAM IRAN, ISLAMIC REP  
61291 CT BAMAKO/SENOU MALI  
64660 C BAMBARI CENTRAL AFRICAN REP

96011 C BANDA ACEH/BLANGBINTANG INDONESIA  
40875 C BANDAR ABBAS IRAN, ISLAMIC REP  
96783 C BANDUNG INDONESIA  
71122 C BANFF,ALTA. CANADA  
43295 CT BANGALORE INDIA  
64656 C BANGASSOU CENTRAL AFRICAN REP  
48455 CT BANGKOK THAILAND  
64650 CT BANGUI CENTRAL AFRICAN REP  
96685 C BANJARMASIN/SYAMSUDDIN NOOR INDONESIA REP  
61701 C BANJUL/YUNDUM GAMBIA  
41685 T BAR KHAN PAKISTAN  
29612 C BARABINSK USSR  
82784 C BARBALHA BRAZIL  
80419 C BARCELONA VENEZUELA  
08181 C BARCELONA/AEROPUERTO SPAIN  
82113 C BARCELOS BRAZIL  
60471 C BARIKA ALGERIA  
87765 C BARILOCHE AERO ARGENTINA  
80440 C BARINAS VENEZUELA  
29838 C BARNAUL USSR  
80410 C BARQUISIMETO VENEZUELA  
82571 C BARRA DO CORDA BRAZIL  
80091 C BARRANCABERMEJA/YARIGUIES COLOMBIA  
80028 C BARRANQUILLA/ERNESTOCORTISSO COLOMBIA  
83236 C BARREIRAS BRAZIL  
70026 CT BARROW/W. POST W. ROGERS USA  
70086 CT BARTER ISLAND USA  
44305 C BARUM-URT MONGOLIA  
44241 C BARUNHARA MONGOLIA  
44213 C BARUUNTURUUN MONGOLIA  
98135 C BASCO PHILIPPINES  
86011 C BASE 5 "GRAL A.JARA" PARAGUAY  
89057 C BASE ARTURO PRAT CHILE  
89034 C BASE BELGRANO II ARGENTINA  
89059 C BASE BERNARDO O'HIGGINS CHILE  
88963 C BASE ESPERANZA ARGENTINA  
89053 C BASE JUBANY ARGENTINA

## STATION LIST RECENT DATA

88968 C BASE ORCADAS ARGENTINA  
89066 C BASE SAN MARTIN ARGENTINA  
40689 C BASRAH IRAQ  
17282 C BATMAN TURKEY  
60468 C BATNA ALGERIA  
64931 C BATOURI REP CAMEROON  
37484 C BATUMI USSR  
91557 CT BAUERFIELD (EFATE) VANUATU  
83722 C BAURU BRAZIL  
44302 C BAYAN-OVOO MONGOLIA  
44275 C BAYANBULAG MONGOLIA  
68728 C BEAUFORT WEST SOUTH AFRICA  
60571 CT BECHAR ALGERIA  
72412 C BECKLEY(RALEIGH CTY.MUN),WV. USA  
54511 CT BEIJING CHINA  
67297 C BEIRA MOZAMBIQUE  
08562 C BEJA PORTUGAL  
60402 C BEJAIA ALGERIA  
82191 C BELEM BRAZIL  
82193 T BELEM (AEROPORTO) BRAZIL  
03917 C BELFAST/ALDERGROVE AIRPORT U KINGDOM  
43198 C BELGAUM/SAMBRA INDIA  
34214 C BELGOROD USSR  
78583 T BELIZE/INTERNATIONAL AIRPORT BELIZE  
78584 C BELIZE/LANDIVAR BELIZE  
78583 C BELIZE/PHILLIP GOLDSTON INTL BELIZE  
89050 CT BELLINGSHAUSEN USSR  
94610 CT BELMONT (PERTH AIRPORT) AUSTRALIA  
03976 C BELMULLET IRELAND  
83587 C BELO HORIZONTE BRAZIL  
31513 C BELOGORSK USSR  
82246 C BELTERRA BRAZIL  
40180 C BEN-GURION INT. AIRPORT ISRAEL  
60602 C BENI ABBES ALGERIA  
60518 C BENI-SAF ALGERIA  
62053 CT BENINA LIBYAN ARAB JAMAHIR  
82410 C BENJAMIN CONSTANT BRAZIL

13274 C BEOGRAD YUGOSLAVIA  
13275 T BEOGRAD/KOSUTNJAK YUGOSLAVIA  
64600 CT BERBERATI CENTRAL AFRICAN REP  
01317 C BERGEN/FLORIDA NORWAY  
10381 C BERLIN-DAHLEM GERMANY  
10385 C BERLIN-SCHOENFELD GERMANY  
10382 C BERLIN-TEGEL GERMANY  
10384 CT BERLIN-TEMPELHOF GERMANY  
78016 T BERMUDA NAVAL AIR STATION KI USA  
40179 CT BET DAGAN ISRAEL  
70219 CT BETHEL/BETHEL AIRPORT, AK. USA  
68461 CT BETHLEHEM AIRPORT SOUTH AFRICA  
40100 CT BEYROUTH (AEROPORT) LEBANON  
42971 CT BHUBANESWAR INDIA  
97560 C BIAK/MOKMER INDONESIA  
12295 C BIALYSTOK POLAND  
71848 CT BIG TROUT LAKE,ONT. CANADA  
42165 C BIKANER INDIA  
08025 C BILBAO/SONDICA SPAIN  
72677 C BILLINGS/LOGAN INTL, MT. USA  
61017 C BILMA NIGER  
72515 C BINGHAMTON/BROOME CO., NY. USA  
17203 C BINGOL TURKEY  
96441 CT BINTULU MALAYSIA  
61401 C BIR MOGHREIN MAURITANIA  
64658 C BIRAO CENTRAL AFRICAN REP  
03534 C BIRMINGHAM/AIRPORT U KINGDOM  
61075 C BIRNI-N'KONNI NIGER  
41084 C BISHA SAUDI ARABIA  
60525 C BISKRA ALGERIA  
72764 CT BISMARCK/MUN.,ND. USA  
61766 C BISSAU (AEROPORT) GUINEA-BISSAU  
15085 CT BISTRITA ROMANIA  
64510 C BITAM GABON  
01028 CT BJORNOYA NORWAY  
31510 C BLAGOVESCHENSK USSR  
71808 C BLANC SABLON, QUE. CANADA

## STATION LIST RECENT DATA

68442 CT BLOEMFONTEIN (J.B.M.HERTZOG) SOUTH AFRICA  
 74492 C BLUE HILL OBS., MA. USA  
 71883 C BLUE RIVER, B.C. CANADA  
 61881 C BO SIERRA LEONE  
 82024 C BOA VISTA BRAZIL  
 65510 C BOBO-DIOULASSO BURKINA FASO  
 01152 CT BODO NORWAY  
 64126 C BOENDE ZAIRE  
 80222 CT BOGOTA/ELDORADO COLOMBIA  
 41883 CT BOGRA BANGLADESH  
 29282 C BOGUCANY USSR  
 65338 C BOHICON BENIN  
 72681 C BOISE/MUN., ID. USA  
 61816 C BOKE GUINEA  
 64708 C BOKORO CHAD  
 64702 C BOL-BERIM CHAD  
 87640 C BOLIVAR AERO ARGENTINA  
 26298 C BOLOGOE USSR  
 83288 CT BOM JESUS DA LAPA BRAZIL  
 43057 C BOMBAY/COLABA INDIA  
 43003 T BOMBAY/SANTACRUZ INDIA  
 31253 C BOMNAK USSR  
 71196 C BONAVISTA,NFLD. CANADA  
 65545 C BONDOUKOU COTE D'IVOIRE  
 61866 C BONTHE SIERRA LEONE  
 23884 C BOR USSR  
 91930 C BORA-BORA FRENCH POLY.  
 07510 CT BORDEAUX/MERIGNAC FRANCE  
 60444 C BORDJ BOU ARRERIDJ ALGERIA  
 60686 C BORDJI B.MOKHTAR ALGERIA  
 65516 C BOROMO BURKINA FASO  
 26291 C BOROVICI USSR  
 03746 C BOSCOMBE DOWN U KINGDOM  
 64610 C BOSSANGO CENTRAL AFRICAN REP  
 64605 C BOSSEMBELE CENTRAL AFRICAN REP  
 72509 C BOSTON/LOGAN INTL, MA. USA  
 60515 C BOU-SAADA ALGERIA

65555 C BOUAKE COTE D'IVOIRE  
 64601 C BOUAR CENTRAL AFRICAN REP  
 61296 C BOUGOUNI MALI  
 60417 C BOUIRA ALGERIA  
 07255 C BOURGES FRANCE  
 03862 C BOURNEMOUTH AIRPORT U KINGDOM  
 64705 C BOUSSO CHAD  
 61461 C BOUTILIMIT MAURITANIA  
 08575 C BRAGANCA PORTUGAL  
 71140 C BRANDON,MAN. CANADA  
 83377 C BRASILIA BRAZIL  
 83378 T BRASILIA (AEROPORTO) BRAZIL  
 30309 C BRATSK USSR  
 64450 C BRAZZAVILLE/MAYA-MAYA CONGO  
 07110 C BREST FRANCE  
 64655 C BRIA CENTRAL AFRICAN REP  
 16320 CT BRINDISI ITALY  
 94578 CT BRISBANE AIRPORT M.O AUSTRALIA  
 26898 C BRJANSK USSR  
 11723 C BRNO/TURANY CZECHOSLOVAKIA  
 71861 CT BROADVIEW,SASK. CANADA  
 10453 C BROCKEN GERMANY  
 94691 C BROKEN HILL AIRPORT AWS AUSTRALIA  
 94203 CT BROOME AIRPORT AUSTRALIA  
 71096 C BROUGHTON ISLAND, N.W.T. CANADA  
 72250 CT BROWNSVILLE/INTL, TX. USA  
 96315 CT BRUNEI AIRPORT BRUNEI DARUSSALAM  
 80094 C BUCARAMANGA/PALONEGRO COLOMBIA  
 15420 CT BUCURESTI/IMH ROMANIA  
 12843 CT BUDAPEST/LORINC HUNGARY  
 12840 C BUDAPEST/METEOROLOGIA HUNGARY  
 80252 C BUENAVENTURA COLOMBIA  
 80251 C BUENAVENTURA/COLPUERTOS COLOMBIA  
 87585 C BUENOS AIRES (OBS. CENTRAL) ARGENTINA  
 71077 C BUFFALO NARROWS, SASK. CANADA  
 72528 C BUFFALO/GREATER BUFFALO, NY. USA  
 98712 C BUGSUK PHILIPPINES

## STATION LIST RECENT DATA

|   |  |
|---|--|
| 64390 C BUJUMBURA BURUNDI                   | 85315 C CAMIRI BOLIVIA                         |
| 64180 C BUKAVU ZAIRE                        | 93944 CT CAMPBELL ISLAND N ZEALAND             |
| 67964 CT BULAWAYO (GOETZ OBSY.) ZIMBABWE    | 93945 C CAMPBELL ISLAND AWS N ZEALAND          |
| 44239 C BULGAN MONGOLIA                     | 83611 C CAMPO GRANDE BRAZIL                    |
| 64076 C BUNIA ZAIRE                         | 83612 T CAMPO GRANDE (AEROPORTO) BRAZIL        |
| 41244 C BURAIMI OMAN                        | 83698 C CAMPOS BRAZIL                          |
| 15655 CT BURGAS BULGARIA                    | 17112 C CANAKKALE TURKEY                       |
| 71194 C BURGEO 2,NFLD. CANADA               | 84226 C CANAR ECUADOR                          |
| 08075 C BURGOS/VILLAFRIA SPAIN              | 94926 C CANBERRA AIRPORT AUSTRALIA             |
| 72617 C BURLINGTON/INTL, VT. USA            | 78409 C CAP-HAITIEN HAITI                      |
| 17116 C BURSA TURKEY                        | 61697 C CAP-SKIRRING SENEGAL                   |
| 91565 C BURTONFIELD (TANNA) VANUATU         | 86294 C CAP. MIRANDA PARAGUAY                  |
| 40858 C BUSHEHR IRAN, ISLAMIC REP           | 71910 C CAPE DORSET, N.W.T. CANADA             |
| 64034 C BUTA ZAIRE                          | 71094 C CAPE DYER,N.W.T. CANADA                |
| 64384 C BUTARE RWANDA                       | 72304 C CAPE HATTERAS, NC. USA                 |
| 98752 C BUTUAN PHILIPPINES                  | 71093 C CAPE HOOPER,N.W.T. CANADA              |
| 98330 C CABANATUAN PHILIPPINES              | 71948 C CAPE PARRY,N.W.T. CANADA               |
| 08261 C CACERES SPAIN                       | 71107 C CAPE ST.JAMES,B.C. CANADA              |
| 08452 C CADIZ SPAIN                         | 68816 CT CAPE TOWN (D.F. MALAN) SOUTH AFRICA   |
| 07027 C CAEN FRANCE                         | 71939 C CAPE YOUNG, N.W.T. CANADA              |
| 83339 C CAETITE BRAZIL                      | 16522 CT CAPO CACCIA ITALY                     |
| 98748 C CAGAYAN DE ORO PHILIPPINES          | 80416 C CARACAS/LA CARLOTA VENEZUELA           |
| 98815 C CAGAYAN DE TAWI-TAWI PHILIPPINES    | 80415 C CARACAS/MAIQUETIA AEROP. INT VENEZUELA |
| 16560 CT CAGLIARI/ELMAS ITALY               | 86223 C CARAPEGUA PARAGUAY                     |
| 94287 C CAIRNS AIRPORT AUSTRALIA            | 83592 C CARATINGA BRAZIL                       |
| 62366 C CAIRO EGYPT                         | 82418 C CARAUARI BRAZIL                        |
| 84472 C CAJAMARCA PERU                      | 83498 CT CARAVELAS BRAZIL                      |
| 80442 C CALABOZO VENEZUELA                  | 03715 C CARDIFF-WALES AIRPORT U KINGDOM        |
| 98431 C CALAPAN PHILIPPINES                 | 38687 C CARDZOU USSR                           |
| 98133 C CALAYAN PHILIPPINES                 | 72712 C CARIBOU/MUN., ME. USA                  |
| 42807 C CALCUTTA/ALIPORE INDIA              | 66140 C CARMONA ANGOLA                         |
| 42809 T CALCUTTA/DUM DUM INDIA              | 94300 CT CARNARVON AIRPORT AUSTRALIA           |
| 71877 CT CALGARY INT'L, ALTA. CANADA        | 82765 CT CAROLINA BRAZIL                       |
| 80259 C CALI/ALFONSO BONILLAARAGON COLOMBIA | 86580 C CARRASCO URUGUAY                       |
| 68618 CT CALVINIA SOUTH AFRICA              | 80432 C CARRIZAL VENEZUELA                     |
| 03808 T CAMBORNE U KINGDOM                  | 80022 C CARTAGENA/RAFAEL NUNEZ COLOMBIA        |
| 71925 CT CAMBRIDGE BAY,N.W.T. CANADA        | 71818 C CARTWRIGHT,NFLD. CANADA                |

## STATION LIST RECENT DATA

78325 C CASA BLANCA, LA HABANA CUBA  
 60155 CT CASABLANCA MOROCCO  
 03967 C CASEMENT AERODROME IRELAND  
 89611 CT CASEY AUSTRALIA  
 98336 C CASIGURAN PHILIPPINES  
 72569 C CASPER/NATRONA COUNTY I.,WY. USA  
 08286 C CASTELLON SPAIN  
 84680 C CASTROVIRREYNA (SINTO) PERU  
 78714 C CATACAMAS HONDURAS  
 87222 C CATAMARCA AERO. ARGENTINA  
 83676 C CATANDUVA BRAZIL  
 86676 C CATANDUVA BRAZIL  
 16459 C CATANIA/SIGONELLA ITALY  
 98546 C CATARMAN PHILIPPINES  
 98548 C CATBALOGAN PHILIPPINES  
 87763 C CATEDRAL 2000 ARGENTINA  
 81405 CT CAYENNE/ROCHAMBEAU FRENCH GUIANA  
 98645 C CEBU PHILIPPINES  
 94653 C CEDUNA AIRPORT AUSTRALIA  
 72229 T CENTREVILLE, AL. USA  
 89056 C CENTRO MET.ANTARTICO''PDTE.EDCHILE  
 89055 CT CENTRO MET.ANTARTICO''VICECOM ARGENTINA  
 87257 C CERES AERO ARGENTINA  
 84570 C CERRO DE PASCO PERU  
 60320 C CEUTA SPAIN  
 84444 C CHACHAPOYAS PERU  
 40942 C CHAKHCHARAN AFGHANISTAN  
 87320 C CHAMICAL AERO ARGENTINA  
 48480 C CHANTHABURI THAILAND  
 85230 C CHARANA BOLIVIA  
 72414 C CHARLESTON/KANAWHA.,WV. USA  
 72208 C CHARLESTON/MUN., SC. USA  
 94510 CT CHARLEVILLE AIRPORT AUSTRALIA  
 99030 CT CHARLIE OCEAN WEATHER STATI  
 72314 C CHARLOTTE/DOUGLAS, NC. USA  
 71706 C CHARLOTTETOWN,P.E.I.CANADA  
 93986 CT CHATHAM ISLAND N ZEALAND

93987 C CHATHAM ISLANDS AWS N ZEALAND  
 74494 T CHATHAM, MA USA  
 71717 C CHATHAM,N.B. CANADA  
 72324 C CHATTANOOGA/LOVELL FIELD, TN USA  
 11406 C CHEB CZECHOSLOVAKIA  
 47184 C CHEJU REP KOREA  
 47185 CT CHEJU UPPER/RADAR REP KOREA  
 10577 C CHEMNITZ GERMANY  
 56294 C CHENGDU CHINA  
 87322 C CHEPES ARGENTINA  
 41565 C CHERAT PAKISTAN  
 42515 C CHERRAPUNJI INDIA  
 76750 C CHETUMAL,Q.ROO MEXICO  
 72564 C CHEYENNE, WY. USA  
 41768 CT CHHOR PAKISTAN  
 48327 CT CHIANG MAI THAILAND  
 71822 C CHIBOUGAMAU CHAPAIS,QUE. CANADA  
 72530 C CHICAGO/O'HARE, IL. USA  
 47971 CT CHICHIJIMA JAPAN  
 84452 C CHICLAYO PERU  
 67693 CT CHILEKA MALAWI  
 85672 C CHILLAN CHILE  
 84531 C CHIMBOTE PERU  
 67581 C CHIPATA ZAMBIA  
 41506 CT CHITRAL PAKISTAN  
 41977 T CHITTAGONG (AMBAGAN) BANGLADESH  
 41978 C CHITTAGONG (PATENGA) BANGLADESH  
 60425 C CHLEF ALGERIA  
 44259 C CHOIBALSAN MONGOLIA  
 44298 C CHOIR MONGOLIA  
 76311 C CHOIX,SIN. MEXICO  
 78724 C CHOLUTECA HONDURAS  
 67753 C CHOMA ZAMBIA  
 47146 C CHONJU REP KOREA  
 47648 C CHOSHI JAPAN  
 93780 CT CHRISTCHURCH N ZEALAND  
 48517 C CHUMPHON THAILAND

## STATION LIST RECENT DATA

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| 47101 C CHUNCHON REP KOREA                   | 72428 C COLUMBUS/PORT COLUMBUS, OH. USA    |
| 47014 C CHUNGGANG DPR KOREA                  | 87748 CT COMANDANTE ESPORA B.A. ARGENTINA  |
| 47162 C CHUNGMU REP KOREA                    | 63333 C COMBOLCHA ETHIOPIA                 |
| 47135 C CHUPUNGNYONG REP KOREA               | 71193 C COMFORT COVE,NFLD. CANADA          |
| 71182 C CHURCHILL FALLS, NFLD. CANADA        | 76848 C COMITAN,CHIS. MEXICO               |
| 71913 CT CHURCHILL UA,MAN. CANADA            | 87860 CT COMODORO RIVADAVIA AERO ARGENTINA |
| 96805 C CILACAP INDONESIA                    | 71893 C COMOX,B.C. CANADA                  |
| 38262 C CIMBAJ USSR                          | 61831 T CONAKRY GUINEA                     |
| 72421 C CINCINNATI/GREATER CIN., OH. USA     | 61832 C CONAKRY/GBESSIA GUINEA             |
| 30758 CT CITA USSR                           | 82861 C CONCEICAO DO ARAGUAIA BRAZIL       |
| 80444 C CIUDAD BOLIVAR VENEZUELA             | 86134 C CONCEPCION PARAGUAY                |
| 86248 C CIUDAD DEL ESTE PARAGUAY             | 85682 C CONCEPCION CHILE                   |
| 08348 C CIUDAD REAL SPAIN                    | 85196 C CONCEPCION BOLIVIA                 |
| 03970 C CLAREMORRIS IRELAND                  | 72605 C CONCORD/MUN., NH. USA              |
| 72360 C CLAYTON/MUN., NM. USA                | 87395 C CONCORDIA AERO ARGENTINA           |
| 71053 C CLINTON POINT,N.W.T. CANADA          | 72458 C CONCORDIA/BLOSSER MUN., KS. USA    |
| 15120 CT CLUJ-NAPOCA ROMANIA                 | 15480 CT CONSTANTA ROMANIA                 |
| 71090 C CLYDE,N.W.T. CANADA                  | 60419 C CONSTANTINE ALGERIA                |
| 82425 C COARI BRAZIL                         | 84478 C CONTAMANA PERU                     |
| 76741 C COATZACOALCOS,VER. MEXICO            | 85470 C COPIAPO CHILE                      |
| 94711 CT COBAR AUSTRALIA                     | 71938 C COPPERMINE,N.W.T. CANADA           |
| 85041 C COBIJA BOLIVIA                       | 71915 CT CORAL HARBOUR UA, N.W.T. CANADA   |
| 85223 C COCHABAMBA BOLIVIA                   | 87344 CT CORDOBA AERO ARGENTINA            |
| 43353 T COCHIN/WILLINGDON INDIA              | 08410 C CORDOBA/AEROPUERTO SPAIN           |
| 64504 C COCOBEACH GABON                      | 03955 C CORK AIRPORT IRELAND               |
| 96996 CT COCOS ISLAND AIRPORT ISLANDS        | 80403 C CORO VENEZUELA                     |
| 94791 C COFFS HARBOUR AIRPORT AUSTRALIA      | 98526 C CORON PHILIPPINES                  |
| 08549 C COIMBRA PORTUGAL                     | 72251 C CORPUS CHRISTI/INTL, TX. USA       |
| 21946 C COKURDAH USSR                        | 87166 C CORRIENTES AERO. ARGENTINA         |
| 70316 CT COLD BAY USA                        | 17084 C CORUM TURKEY                       |
| 71120 CT COLD LAKE,ALTA. CANADA              | 83552 C CORUMBA BRAZIL                     |
| 71075 C COLLINS BAY, SASK. CANADA            | 98746 C COTOBATO PHILIPPINES               |
| 43466 C COLOMBO SRI LANKA                    | 65344 C COTONOU BENIN                      |
| 86560 C COLONIA URUGUAY                      | 10496 C COTTBUS GERMANY                    |
| 76458 CT COLONIA JUAN CARRAS-CO MAZAT MEXICO | 41992 C COX'S BAZAR BANGLADESH             |
| 72310 C COLUMBIA, SC. USA                    | 83512 C COXIM BRAZIL                       |
| 72445 C COLUMBIA/REGIONAL, MO. USA           | 85864 C COYHAIQUE CHILE                    |



## STATION LIST RECENT DATA

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| 15450 C CRAIOVA ROMANIA                        | 44256 C DASHBALBAR MONGOLIA              |
| 71880 C CRANBROOK, B.C. CANADA                 | 71855 CT DAUPHIN,MAN. CANADA             |
| 82583 C CRATEUS BRAZIL                         | 98753 C DAVAO AIRPORT PHILIPPINES        |
| 71920 CT CREE LAKE, SASK. CANADA               | 78793 T DAVID PANAMA                     |
| 82704 C CRUZEIRO DO SUL BRAZIL                 | 89571 CT DAVIS AUSTRALIA                 |
| 80097 C CUCUTA/CAMILO DAZA COLOMBIA            | 40435 CT DAWADMI SAUDI ARABIA            |
| 08231 C CUENCA SPAIN                           | 71966 C DAWSON, Y.T. CANADA              |
| 83361 CT CUIABA BRAZIL                         | 72429 C DAYTON/JAMES M. COX DAYTON M USA |
| 80420 C CUMANA VENEZUELA                       | 06260 CT DE BILT NETHERLANDS             |
| 85629 C CURICO CHILE                           | 06235 C DE KOOY NETHERLANDS              |
| 83842 C CURITIBA BRAZIL                        | 31509 T DE-KASTRI USSR                   |
| 83840 T CURITIBA (AEROPORTO) BRAZIL            | 71958 C DEASE LAKE B.C. CANADA           |
| 96739 C CURUG/BUDIARTO INDONESIA               | 12882 C DEBRECEN HUNGARY                 |
| 84686 C CUZCO PERU                             | 65505 C DEDOUGOU BURKINA FASO            |
| 43150 T CWC VISHAKHAPATNAM/WALTAIR INDIA       | 71809 C DEER LAKE, NFLD. CANADA          |
| 48855 CT DA NANG VIET NAM                      | 40045 C DEIR EZZOR SYRIAN ARAB REP       |
| 98440 C DAET PHILIPPINES                       | 60387 C DELLYS ALGERIA                   |
| 98325 C DAGUPAN PHILIPPINES                    | 97230 C DENPASAR/NGURAH-RAI INDONESIA    |
| 61641 CT DAKAR/YOFF SENEGAL                    | 72469 C DENVER/STAPLETON INTL, CO. USA   |
| 62432 C DAKHLA EGYPT                           | 41652 C DERA GHAZI KHAN PAKISTAN         |
| 41712 CT DAL BANDIN PAKISTAN                   | 41624 CT DERA ISMAIL KHAN PAKISTAN       |
| 44373 C DALANZADGAD MONGOLIA                   | 62059 C DERNA LIBYAN ARAB JAMAHIR        |
| 72259 C DALLAS-FORT WORTH/FORT., TX. USA       | 72546 C DES MOINES/MUN., IA. USA         |
| 65560 C DALOA COTE D'IVOIRE                    | 72537 C DETROIT/METROPOLITAN, MI. USA    |
| 42587 C DALTONGANJ INDIA                       | 15230 T DEVA ROMANIA                     |
| 40080 CT DAMASCUS INT. AIRPORT SYRIAN ARAB REP | 40416 CT DHAHRAN SAUDI ARABIA            |
| 62805 C DAMAZINE SUDAN                         | 41923 CT DHAKA BANGLADESH                |
| 71185 C DANIEL'S HARBOUR 2, NFLD. CANADA       | 44477 C DHANKUTA NEPAL                   |
| 04320 CT DANMARKSHAVN DENMARK                  | 42404 C DHUBRI INDIA                     |
| 65351 C DAPAON TOGO                            | 42314 C DIBRUGARH/MOHANBARI INDIA        |
| 63894 CT DAR ES SALAAM AIRPORT U REP TANZANIA  | 61967 CT DIEGO GARCIA USA                |
| 60390 CT DAR-EL-BEIDA ALGERIA                  | 67009 C DIEGO-SUAREZ MADAGASCAR          |
| 42391 C DARBHANGA INDIA                        | 61085 C DIFFA NIGER                      |
| 42295 C DARJEELING INDIA                       | 07280 C DIJON FRANCE                     |
| 94003 C DARU PAPUA N GUINEA                    | 65562 C DIMBOKRO COTE D'IVOIRE           |
| 61891 C DARU SIERRA LEONE                      | 89054 C DINAMET-URUGUAY URUGUAY          |
| 94120 CT DARWIN AIRPORT AUSTRALIA              | 61666 C DIOURBEL SENEGAL                 |

## STATION LIST RECENT DATA

98741 C DIPOLOG PHILIPPINES  
 41508 C DIR PAKISTAN  
 63471 CT DIRE DAWA ETHIOPIA  
 40672 C DIWANIYA IRAQ  
 17280 CT DIYARBAKIR TURKEY  
 64453 C DJAMBALA CONGO  
 60670 C DJANET ALGERIA  
 60535 C DJELFA ALGERIA  
 60769 C DJERBA MELLITA TUNISIA  
 63125 C DJIBOUTI DJIBOUTI  
 72451 C DODGE CITY/MUN., KS. USA  
 63862 C DODOMA U REP TANZANIA  
 41170 CT DOHA INTERNATIONAL AIRPORT QATAR  
 87648 C DOLORES AERO ARGENTINA  
 62650 CT DONGOLA SUDAN  
 65501 C DORI BURKINA FASO  
 64910 CT DOUALA OBS. REP CAMEROON  
 10488 C DRESDEN-KLOTZSCHE GERMANY  
 10486 T DRESDEN-WAHNSDORF GERMANY  
 41515 CT DROSH PAKISTAN  
 41194 C DUBAI INTERNATIONAL AIRPORT U ARAB EMIRATES  
 03969 C DUBLIN AIRPORT IRELAND  
 52836 C DULAN CHINA  
 72745 C DULUTH/INT.,MN. USA  
 98642 C DUMAGUETE PHILIPPINES  
 42599 C DUMKA INDIA  
 89642 CT DUMONT D'URVILLE FRANCE  
 68588 CT DURBAN (LOUIS BOTHA) SOUTH AFRICA  
 42731 C DWARKA INDIA  
 67005 C DZAOUZDI/PAMANZI (MAYOTTE) COMOROS  
 24143 C DZARDZAN USSR  
 71735 C EARLTON,ONT. CANADA  
 68858 CT EAST LONDON SOUTH AFRICA  
 94907 C EAST SALE AERODROME AUSTRALIA  
 62750 C ED DUEIM SUDAN  
 03160 C EDINBURGH AIRPORT U KINGDOM  
 17050 C EDIRNE TURKEY

71119 CT EDMONTON (STONY PLAIN), ALTA CANADA  
 71123 C EDMONTON INT.,ALTA. CANADA  
 71879 C EDMONTON MUNICIPAL ALTA. CANADA  
 71121 CT EDMONTON/NAMAO,ALTA. CANADA  
 71881 C EDSON,ALTA. CANADA  
 04220 CT EGEDESMINDE DENMARK  
 40199 C EILAT ISRAEL  
 28440 CT EKATERINBURG (VERHNEE DUBROV USSR  
 62337 C EL ARISH EGYPT  
 62760 CT EL FASHER SUDAN  
 60590 C EL GOLEA ALGERIA  
 60540 C EL KHEITER ALGERIA  
 60354 C EL MILIA ALGERIA  
 62771 C EL OBEID SUDAN  
 60559 C EL OUED ALGERIA  
 72270 C EL PASO/INTL, TX. USA  
 84179 C EL PUYO ECUADOR  
 80437 C EL VIGIA, ESTADO MERIDA VENEZUELA  
 60367 C EL-KALA ALGERIA  
 60550 CT ELBAYADH ALGERIA  
 12160 C ELBLAG POLAND  
 71450 CT ELBOW, SASK. CANADA  
 63686 C ELDORET KENYA  
 27928 C ELEC USSR  
 72486 C ELY/YELLAND, NV. USA  
 10203 C EMDEN-HAFEN GERMANY  
 76256 CT EMPALME, SON MEXICO  
 62781 C EN NAHUD SUDAN  
 86297 C ENCARNACION PARAGUAY  
 29263 C ENISEJSK USSR  
 63705 CT ENTEBBE AIRPORT UGANDA  
 65257 C ENUGU NIGERIA  
 72550 C EPPLEY FIELD,OMAHA, NE. USA  
 24817 C ERBOGACHEN USSR  
 44237 C ERDENEMANDAL MONGOLIA  
 53068 C ERENHOT CHINA  
 10554 C ERFURT-BINDERSLEBEN GERMANY

## STATION LIST RECENT DATA

60210 C ERRACHIDIA MOROCCO  
 17092 C ERZINCAN TURKEY  
 17096 C ERZURUM TURKEY  
 40800 CT ESFAHAN IRAN, ISLAMIC REP  
 03162 C ESKDALEMUIR U KINGDOM  
 17124 C ESKISEHIR TURKEY  
 94638 CT ESPERANCE AUSTRALIA  
 87803 C ESQUEL AERO ARGENTINA  
 60220 C ESSAOUIRA MOROCCO  
 24105 C ESSEJ USSR  
 10410 CT ESSEN GERMANY  
 71862 C ESTEVAN,SASK. CANADA  
 71917 T EUREKA UA, N.W.T. CANADA  
 72594 C EUREKA, CA. USA  
 71917 C EUREKA,N.W.T.CANADA  
 72432 C EVANSVILLE/REG.,IN. USA  
 08557 C EVORA PORTUGAL  
 87576 CT EZEIZA AERO ARGENTINA  
 65507 C FADA N'GOURMA BURKINA FASO  
 70261 C FAIRBANKS/INTL, AK. USA  
 16191 C FALCONARA ITALY  
 89063 C FARADAY (ARGENTINE ISLAND) U KINGDOM  
 61833 C FARANAH/BADALA GUINEA  
 72753 C FARGO/HECTOR FIELD, ND. USA  
 08554 C FARO PORTUGAL  
 64753 C FAYA CHAD  
 76698 CT FELIPE CARRILLO PUERTO,Q.ROO MEXICO  
 82400 CT FERNANDO DE NORONHA BRAZIL  
 11155 C FEUERKOGEL AUSTRIA  
 10578 C FICHELBERG GERMANY  
 72637 C FLINT/BISHOP, MI. USA  
 82678 CT FLORIANO BRAZIL  
 83897 C FLORIANOPOLIS BRAZIL  
 82212 C FONTE BOA BRAZIL  
 87162 C FORMOSA AERO ARGENTINA  
 94646 CT FORREST AIRPORT AUSTRALIA  
 71933 C FORT CHIPEWYAN,ALTA. CANADA

71932 CT FORT MCMURRAY,ALTA. CANADA  
 71945 CT FORT NELSON UA,B.C. CANADA  
 71073 C FORT RELIANCE,N.W.T.CANADA  
 38001 C FORT SEVCENKO USSR  
 71946 C FORT SIMPSON,N.W.T. CANADA  
 71934 CT FORT SMITH UA,N.W.T. CANADA  
 72344 C FORT SMITH/MUN., AR. USA  
 71943 C FORT ST JOHN, B.C. CANADA  
 72533 C FORT WAYNE/MUN.,BAER FL.,IN. USA  
 67197 CT FORT-DAUPHIN MADAGASCAR  
 82397 CT FORTALEZA BRAZIL  
 72389 C FRESNO/AIR TERM., CA. USA  
 16244 C FROSINONE ITALY  
 60035 C FUERTEVENTURA/AEROPUERTO SPAIN  
 47843 C FUKUE JAPAN  
 47807 CT FUKUOKA JAPAN  
 91643 CT FUNAFUTI N ZEALAND  
 08522 CT FUNCHAL MADEIRA  
 60765 C GABES TUNISIA  
 68244 C GABORONE BOTSWANA  
 60745 C GAFSA TUNISIA  
 65557 C GAGNOA COTE D'IVOIRE  
 15310 C GALATI ROMANIA  
 83746 T GALEAO BRAZIL  
 44284 C GALUT MONGOLIA  
 72242 C GALVESTON, TX. USA  
 64454 C GAMBOMA CONGO  
 71803 C GANDER INT.AIRPORT, NFLD. CANADA  
 57993 C GANZHOU CHINA  
 61226 C GAO MALI  
 65522 C GAOUA BURKINA FASO  
 63723 CT GARISSA KENYA  
 64860 C GAROUA REP CAMEROON  
 71188 C GASPE, QUE. CANADA  
 40405 C GASSIM SAUDI ARABIA  
 42410 CT GAUHATI INDIA  
 80241 CT GAVIOTAS COLOMBIA

## STATION LIST RECENT DATA

61099 C GAYA NIGER  
 62752 CT GEDAREF SUDAN  
 10628 C GEISENHEIM GERMANY  
 64006 C GEMENA ZAIRE  
 98851 C GEN. SANTOS PHILIPPINES  
 62770 C GENEINA SUDAN  
 87619 C GENERAL ACHA ARGENTINA  
 87532 C GENERAL PICO AERO ARGENTINA  
 06700 C GENEVE-COINTRIN SWITZERLAND  
 68828 CT GEORGE AIRPORT SOUTH AFRICA  
 81001 C GEORGETOWN GUYANA  
 10567 C GERA-LEUMNITZ GERMANY  
 94403 CT GERALDTON AIRPORT AUSTRALIA  
 71834 C GERALDTON,ONT. CANADA  
 08184 C GERONA/COSTA BRAVA SPAIN  
 62103 T GHADAMES LIBYAN ARAB JAMAHIR  
 68024 C GHANZI BOTSWANA  
 60566 C GHARDAIA ALGERIA  
 60517 C GHAZAOUET ALGERIA  
 62338 C GHAZZA EGYPT  
 62161 C GIALO LIBYAN ARAB JAMAHIR  
 08495 CT GIBRALTAR GIBRALTAR  
 08014 C GIJON SPAIN  
 94461 CT GILES AUSTRALIA  
 71856 C GIMLI,MAN. CANADA  
 80219 C GIRARDOT/SANTIAGO VILLA COLOMBIA  
 17034 C GIRESUN TURKEY  
 93291 C GISBORNE AERODROME N ZEALAND  
 93292 C GISBORNE AERODROME AWS N ZEALAND  
 64381 C GISENYI RWANDA  
 41140 C GIZAN SAUDI ARABIA  
 71927 C GLADMAN POINT,N.W.T. CANADA  
 94380 CT GLADSTONE AUSTRALIA  
 72768 C GLASGOW/INTL, MT. USA  
 20292 CT GMO IM.E.K. FEDOROVA USSR  
 43192 CT GOA/PANJIM INDIA  
 87880 C GOBERNADOR GREGORES AERO ARGENTINA

04250 C GODTHAB NUUK DENMARK  
 10499 C GOERLITZ GERMANY  
 83423 C GOIANIA BRAZIL  
 63331 C GONDAR ETHIOPIA  
 72465 C GOODLAND/RENNER FIELD/, KS. USA  
 71816 CT GOOSE UA,NFLD. CANADA  
 63403 C GORE ETHIOPIA  
 71733 C GORE BAY,ONT. CANADA  
 97048 C GORONTALO/JALALUDDIN INDONESIA  
 02527 T GOTEBOG/LANDVETTER SWEDEN  
 02512 C GOTEBOG/SAVE SWEDEN  
 68906 CT GOUGH ISLAND SOUTH AFRICA  
 61045 C GOURE NIGER  
 94150 CT GOVE AIRPORT AUSTRALIA  
 08419 C GRANADA/AEROPUERTO SPAIN  
 72476 C GRAND JUNCTION/WALKER F.,CO. USA  
 72635 C GRAND RAPIDS/KENT CO., MI. USA  
 71940 C GRANDE PRAIRIE,ALTA. CANADA  
 78954 C GRANTLEY ADAMS BARBADOS  
 11240 C GRAZ-THALERHOF- FLUGHAFEN AUSTRIA  
 16253 CT GRAZZANISE ITALY  
 72775 CT GREAT FALLS/INT., MT. USA  
 72645 C GREEN BAY/A.-STRAUBEL, WI. USA  
 72317 C GREENSBORO/G.-HIGH PT., NC. USA  
 72312 C GREENVILLE/G-SPARTANBURG,SC. USA  
 71397 C GREENWOOD,N.S. CANADA  
 10184 CT GREIFSWALD GERMANY  
 68014 T GROOTFONTEIN NAMIBIA  
 08226 C GUADALAJARA SPAIN  
 76612 C GUADALAJARA,JAL. MEXICO  
 87497 C GUALEGUAYCHU AERO ARGENTINA  
 91217 C GUAM, MARIANA IS. USA NA  
 78701 C GUANAJA HONDURAS  
 76577 C GUANAJUATO,GTO. MEXICO  
 80428 C GUANARE VENEZUELA  
 59287 CT GUANGZHOU CHINA  
 80448 C GUASDUALITO VENEZUELA

## STATION LIST RECENT DATA

78640 C GUATEMALA (OBSERVA- TORIO NA GUATEMALA  
 84203 CT GUAYAQUIL/SIMON BOLIVAR ECUADOR  
 60403 C GUELMA ALGERIA  
 80423 C GUIRIA VENEZUELA  
 98558 C GUIUAN PHILIPPINES  
 63630 C GULU UGANDA  
 02128 C GUNNARN SWEDEN  
 35700 CT GUR'EV USSR  
 40360 C GURIAT SAUDI ARABIA  
 70367 C GUSTAVUS USA  
 40250 CT H-4 'IRWAISHED' JORDAN  
 48820 CT HA NOI VIET NAM  
 31735 CT HABAROVSK USSR  
 47678 CT HACHIOJIMA JAPAN  
 76692 CT HACIENDA YLANG YLANG VER. MEXICO  
 40634 C HADITHA IRAQ  
 47069 CT HAEJU DEM. PEOPLE'S REPB.  
 40373 CT HAFR AL-BATIN SAUDI ARABIA  
 59758 C HAIKOU CHINA  
 40394 CT HAIL SAUDI ARABIA  
 50527 CT HAILAR CHINA  
 17285 C HAKKARI TURKEY  
 47430 C HAKODATE JAPAN  
 71396 T HALIFAX METOC,N.S. CANADA  
 71081 CT HALL BEACH UA,N.W.T. CANADA  
 89022 CT HALLEY U KINGDOM  
 94212 C HALLS CREEK AIRPORT AUSTRALIA  
 40030 C HAMA SYRIAN ARAB REP  
 47755 C HAMADA JAPAN  
 43497 C HAMBANTOTA SRI LANKA  
 10147 C HAMBURG-FUHLBUETTEL GERMANY  
 52203 C HAMI CHINA  
 10338 CT HANNOVER GERMANY  
 23933 CT HANTY-MANSIJSK USSR  
 91944 CT HAO FRENCH POLY.  
 02196 C HAPARANDA SWEDEN  
 34300 CT HAR' KOV USSR

67774 T HARARE (BELVEDERE) ZIMBABWE  
 67775 CT HARARE (KUTSAGA) ZIMBABWE  
 02361 C HARNOSAND SWEDEN  
 72508 C HARTFORD/BRADLEY INTL, CT. USA  
 60581 C HASSI-MESSAOUD ALGERIA  
 20891 CT HATANGA USSR  
 44207 C HATGAL MONGOLIA  
 78988 CT HATO AIRPORT,CURACAO CURACAO AND BONAIRE  
 71935 C HAY RIVER,N.W.T. CANADA  
 72772 C HELENA/COUNTY-CITY, MT. USA  
 02974 C HELSINKI-VANTAA FINLAND  
 62378 CT HELWAN EGYPT  
 03496 T HEMSBY U KINGDOM  
 16754 CT HERAKLION GREECE  
 40938 T HERAT AFGHANISTAN  
 91945 C HEREHERETUE FRENCH POLY.  
 60001 C HIERRO/AEROPUERTO SPAIN  
 71066 C HIGH LEVEL, ALTA CANADA  
 91753 C HIHIFO (ILE WALLIS) N CALEDONIA  
 91285 CT HILO/GEN. LYMAN, HAWAII, USA ONIA  
 98755 C HINATUAN PHILIPPINES  
 47765 C HIROSHIMA JAPAN  
 48900 CT HO CHI MINH VIET NAM  
 94975 CT HOBART AIRPORT AUSTRALIA  
 10962 C HOHENPEISSENBERG GERMANY  
 93614 C HOKITIKA AERODROME N ZEALAND  
 93615 C HOKITIKA AERODROME AWS N ZEALAND  
 26378 C HOLM USSR  
 61240 C HOMBORI MALI  
 70341 C HOMER/MUNICIPAL USA  
 91517 CT HONIARA SOLOMON ISLANDS  
 91520 C HONIARA/HENDERSON SOLOMON ISLANDS  
 03586 C HONINGTON U KINGDOM  
 91182 C HONOLULU, OAHU, HAWAII USA OM  
 17042 C HOPA TURKEY  
 71114 C HOPE,B.C. CANADA  
 08506 C HORTA (ACORES) PORTUGAL

## STATION LIST RECENT DATA

|   |  |
|---|--|
| 23219 C HOSEDA-HARD USSR                | 65101 C ILORIN NIGERIA                         |
| 51828 C HOTAN CHINA                     | 31416 C IM POLINY OSIPENKO USSR                |
| 72243 C HOUSTON/INTERCONTI- NENTAL, USA | 64459 C IMPFONDO CONGO                         |
| 44218 C HOVDO MONGOLIA                  | 60611 C IN AMENAS ALGERIA                      |
| 78806 T HOWARD AFB PANAMA               | 60630 CT IN SALAH ALGERIA                      |
| 76773 CT HUAJUAPAN DE LEON, OAX MEXICO  | 60690 C IN-GUEZZAM ALGERIA                     |
| 66318 C HUAMBO (NOVA LISBOA) ANGOLA     | 47112 C INCHON REP KOREA                       |
| 84347 C HUAMBOS PERU                    | 72438 C INDIANAPOLIS/I.-MUN/WEL.,IN. USA       |
| 84405 C HUANCABAMBA PERU                | 42754 C INDORE INDIA                           |
| 84564 C HUANUCO PERU                    | 98434 C INFANTA PHILIPPINES                    |
| 84630 C HUAYAO PERU                     | 67323 C INHAMBANE MOZAMBIQUE                   |
| 08383 C HUELVA SPAIN                    | 11120 C INNSBRUCK-FLUGHAFEN AUSTRIA            |
| 08094 C HUESCA/MONFLORITE SPAIN         | 64115 C INONGO ZAIRE                           |
| 72425 C HUNTINGTON/TRI- STATE WV. USA   | 72747 CT INT.FALLS/FALLS INT.MN. USA           |
| 72323 C HUNTSVILLE/MADISON CO., AL. USA | 71907 CT INUKJUAK, QUE CANADA                  |
| 72654 C HURON/HURON REGIONAL, SD. USA   | 71957 CT INUVIK UA,N.W.T. CANADA               |
| 44232 C HUTAG MONGOLIA                  | 93844 CT INVERCARGILL AERODROME N ZEALAND      |
| 44285 C HUZHIRT MONGOLIA                | 80370 C IPIALES/SAN LUIS COLOMBIA              |
| 41765 C HYDERABAD PAKISTAN              | 71909 CT IQALUIT UA,N.W.T. CANADA              |
| 43128 CT HYDERABAD AIRPORT INDIA        | 85417 C IQUIQUE CHILE                          |
| 41764 C HYDERABAD AIRPORT PAKISTAN      | 84377 C IQUITOS PERU                           |
| 47016 C HYESAN DPR KOREA                | 83881 C IRAI BRAZIL                            |
| 15090 C IASI ROMANIA                    | 83836 C IRATI BRAZIL                           |
| 98324 C IBA PHILIPPINES                 | 40255 C IRBID JORDAN                           |
| 80214 C IBAGUE/PERALES COLOMBIA         | 30710 C IRKUTSK USSR                           |
| 84043 C IBARRA/ATAHUALPA ECUADOR        | 47918 CT ISHIGAKIJIMA JAPAN                    |
| 08373 C IBIZA/ES CODOLA SPAIN           | 64062 C ISIRO ZAIRE                            |
| 32411 C ICA USSR                        | 85469 CT ISLA DE PASCUA CHILE                  |
| 60160 C IFRANE MOROCCO                  | 85834 C ISLA HUAFO CHILE                       |
| 83821 C IGUAPE BRAZIL                   | 85585 C ISLA JUAN FERNANDEZ CHILE              |
| 87097 C IGUAZU AERO ARGENTINA           | 41571 CT ISLAMABAD AIRPORT PAKISTAN            |
| 61972 C ILE EUROPA FRANCE               | 71145 CT ISLAND LAKE, MAN. CANADA              |
| 61970 C ILE JUAN DE NOVA FRANCE         | 88968 T ISLAS ORCADAS D.N. (OBSERVAT ARGENTINA |
| 71709 C ILES DE LA MADELEINEQUE. CANADA | 85930 C ISLOTES EVANGELISTAS CHILE             |
| 25248 C ILIRNEJ USSR                    | 17240 CT ISPARTA TURKEY                        |
| 60640 C ILLIZI ALGERIA                  | 17062 CT ISTANBUL/GOZTEPE TURKEY               |
| 98637 C ILOILO PHILIPPINES              | 82445 C ITAITUBA BRAZIL                        |

## STATION LIST RECENT DATA

|  |   |
|--|---|
| 98132 C ITBAYAT PHILIPPINES                        | 41756 CT JIWANI PAKISTAN                                  |
| 60010 C IZANA SPAIN                                | 83481 C JOAO PINHEIRO BRAZIL                              |
| 17220 CT IZMIR TURKEY                              | 42339 CT JODHPUR INDIA                                    |
| 84088 C IZOBAMBA-SANTA CATALINA ECUADOR            | 02929 C JOENSUU FINLAND                                   |
| 47800 C IZUHARA JAPAN                              | 02963 CT JOKIOINEN FINLAND                                |
| 68112 T J.G.STRIJDOM NAMIBIA                       | 02550 C JONKOPING FLYGPLATS SWEDEN                        |
| 82640 C JACAREACANGA BRAZIL                        | 65134 C JOS NIGERIA                                       |
| 87305 C JACHAL ARGENTINA                           | 78762 CT JUAN SANTAMARIA COSTA RICA                       |
| 72235 C JACKSON/ALLEN C. THOMP., MS. USA           | 84474 C JUANJUI PERU                                      |
| 72206 C JACKSONVILLE/INTNL.,FL. USA                | 62941 C JUBA SUDAN  |
| 78449 C JACMEL HAITI                               | 83692 C JUIZ DE FORA BRAZIL                               |
| 41715 CT JACOBABAD PAKISTAN                        | 87046 C JUJUY AERO ARGENTINA                              |
| 83186 C JACOBINA BRAZIL                            | 84735 C JULIACA PERU                                      |
| 08417 C JAEN SPAIN                                 | 78866 CT JULIANA AIRPORT, ST. MAARTEN ST.MAARTEN, ST.EUST |
| 43041 C JAGDALPUR INDIA                            | 87548 C JUNIN AERO ARGENTINA                              |
| 96747 C JAKARTA HALIM PERDANAKUSUMA INDONESIA      | 32150 CT JUZNO-SAHALINSK USSR                             |
| 96745 C JAKARTA/OBSERVATORY INDONESIA              | 02935 CT JYVASKYLA FINLAND                                |
| 96749 CT JAKARTA/SOEKARNO- HATTA INDONESIA         | 61886 C KABALA SIERRA LEONE                               |
| 24959 CT JAKUTSK USSR                              | 40948 CT KABUL AIRPORT AFGHANISTAN                        |
| 42055 T JAMMU INDIA                                | 67663 C KABWE ZAMBIA                                      |
| 01001 CT JAN MAYEN NORWAY                          | 62810 C KADUGLI SUDAN                                     |
| 68368 CT JAN SMUTS SOUTH AFRICA                    | 61492 C KAEDI MAURITANIA                                  |
| 71888 C JASPER,ALTA. CANADA                        | 47827 CT KAGOSHIMA JAPAN                                  |
| 96791 C JATIWANGI INDONESIA                        | 17255 C KAHRAMANMARAS TURKEY                              |
| 97690 C JAYAPURA/SENTANI INDONESIA                 | 91190 C KAHULUI AIRPORT, MAUI HAWAII                      |
| 41024 CT JEDDAH (KING ABDUL AZIZ INT. SAUDI ARABIA | 93678 C KAIKOURA N ZEALAND                                |
| 60725 C JENDOUBA TUNISIA                           | 97760 C KAIMANA/UTAROM INDONESIA                          |
| 71071 C JENNY LIND ISLAND, N.W.T. CANADA           | 60735 C KAIROUAN TUNISIA                                  |
| 08451 C JEREZ DE LA FRONTERA AERO. SPAIN           | 93012 CT KAITAIA N ZEALAND                                |
| 40184 C JERUSALEM ISRAEL                           | 02897 C KAJAANI FINLAND                                   |
| 40290 C JERUSALEM AIRPORT JORDAN                   | 41535 C KAKUL PAKISTAN                                    |
| 41936 C JESSORE BANGLADESH                         | 34247 C KALAC USSR  |
| 41598 CT JHELUM PAKISTAN                           | 30469 C KALAKAN USSR                                      |
| 60351 C JIJEL ACHOUAT ALGERIA                      | 16726 C KALAMATA GREECE                                   |
| 60353 C JIJEL PORT ALGERIA                         | 64285 C KALEMIE ZAIRE                                     |
| 63402 C JIMMA ETHIOPIA                             | 94637 CT KALGOORLIE AIRPORT AUSTRALIA                     |
| 52533 C JIUQUAN CHINA                              | 27402 C KALININ USSR                                      |

## STATION LIST RECENT DATA

26702 C KALININGRAD USSR  
 27703 C KALUGA USSR  
 25744 C KAMENSKOE USSR  
 40001 C KAMISHLI SYRIAN ARAB REP  
 48985 C KAMPOT DEMOCRATIC KAMPUCHE  
 67586 CT KAMUZU INTL. AIRPORT MALAWI  
 64235 CT KANANGA ZAIRE  
 47605 C KANAZAWA JAPAN  
 40990 C KANDAHAR AIRPORT AFGHANISTAN  
 65306 C KANDI BENIN  
 47105 C KANGNUNG REP KOREA  
 22165 C KANIN NOS USSR  
 61829 C KANKAN GUINEA  
 65046 CT KANO NIGERIA  
 72446 C KANSAS CITY, INTL, MO. USA  
 61679 C KAOLACK SENEGAL  
 67641 C KAOMA ZAMBIA  
 71831 C KAPUSKASING,ONT. CANADA  
 65357 C KARA TOGO  
 41780 CT KARACHI AIRPORT PAKISTAN  
 41782 C KARACHI MANORA PAKISTAN  
 41781 C KARACHI MASROOR PAKISTAN  
 35394 CT KARAGANDA USSR  
 02080 C KARESUANDO SWEDEN  
 62660 CT KARIMA SUDAN  
 10727 C KARLSRUHE GERMANY  
 02418 C KARLSTAD FLYGPLATS SWEDEN  
 17098 C KARS TURKEY  
 67475 CT KASAMA ZAMBIA  
 67541 C KASEMPA ZAMBIA  
 51709 C KASHI CHINA  
 62730 CT KASSALA SUDAN  
 10438 C KASSEL GERMANY  
 17074 C KASTAMONU TURKEY  
 44454 CT KATHMANDU AIRPORT NEPAL  
 26629 CT KAUNAS USSR  
 94076 C KAVIENG M.O. PAPUA N GUINEA

67403 C KAWAMBWA ZAMBIA  
 61257 C KAYES MALI  
 27595 CT KAZAN' USSR  
 61699 C KEDOUGOU SENEGAL  
 68312 C KEETMANSHOOP NAMIBIA  
 04018 CT KEFLAVIKURFLUGVOLLUR ICELAND  
 97146 C KENDARI/WOLTERMON- GINSIDI INDONESIA  
 61285 C KENIEBA MALI  
 60120 C KENITRA MOROCCO  
 71850 C KENORA,ONT. CANADA  
 16641 C KERKYRA GREECE  
 40841 CT KERMEN IRAN, ISLAMIC REP  
 02805 C KEVO FINLAND  
 72201 C KEY WEST/INTL, FL. USA  
 44313 C KHALKH-GOL MONGOLIA  
 41114 CT KHAMIS MUSHAIT SAUDI ARABIA  
 41718 CT KHANPUR PAKISTAN  
 62721 CT KHARTOUM SUDAN  
 60476 C KHENCHELLA ALGERIA  
 41744 CT KHUZDAR PAKISTAN  
 61214 C KIDAL MALI  
 33345 CT KIEV USSR  
 61498 C KIFFA MAURITANIA  
 64387 C KIGALI RWANDA  
 64222 C KIKWIT ZAIRE  
 02801 C KILPISJARVI FINLAND  
 68438 CT KIMBERLEY SOUTH AFRICA  
 47025 C KIMCHAEK DPR KOREA  
 71129 C KINDERSLEY,SASK. CANADA  
 61818 C KINDIA GUINEA  
 64155 C KINDU ZAIRE  
 40437 CT KING KHALED INT. AIRPORT SAUDI ARABIA  
 70326 C KING SALMON, AK. USA  
 45004 CT KING'S PARK HONG KONG  
 26215 C KINGISEPP USSR  
 71620 C KINGSTON,ONT. CANADA  
 78397 CT KINGSTON/NORMAN MANLEY JAMAICA



## STATION LIST RECENT DATA

|   |  |
|---|--|
| 03066 C KINLOSS U KINGDOM                             | 12566 C KRAKOW POLAND                        |
| 64210 C KINSHASA/N'DJILI ZAIRE                        | 29574 CT KRASNOJARSK (EMEL'YANOVO) USSR      |
| 30230 CT KIRENSK USSR                                 | 38507 C KRASNOVODSK USSR                     |
| 17052 C KIRKLARELI TURKEY                             | 64971 C KRIBI REP CAMEROON                   |
| 40621 C KIRKUK IRAQ                                   | 40766 C KRMANSHAH IRAN, ISLAMIC REP          |
| 27196 C KIROV USSR                                    | 60514 C KSAR CHELLALA ALGERIA                |
| 64040 C KISANGANI ZAIRE                               | 48647 T KUALA LUMPER/SUBANG MALAYSIA         |
| 61834 C KISSIDOUYOU GUINEA                            | 48648 T KUALA LUMPUR/PETALING JAYA MALAYSIA  |
| 61270 C KITA MALI                                     | 48647 C KUALA LUMPUR/SUBANG MALAYSIA         |
| 64203 C KITONA ZAIRE                                  | 48657 CT KUANTAN MALAYSIA                    |
| 11231 C KLAGENFURT-FLUGHAFEN AUSTRIA                  | 96413 CT KUCHING MALAYSIA                    |
| 26509 C KLAJPEDA USSR                                 | 62271 CT KUFRA LIBYAN ARAB JAMAHIR           |
| 72326 C KNOXVILLE/MUN., TN. USA                       | 47819 C KUMAMOTO JAPAN                       |
| 06181 T KOBENHAVN/JAEGERSBORG DENMARK & FAROE IS.     | 65442 C KUMASI GHANA                         |
| 06186 C KOBENHAVN/LANDBOHOJSKOLEN DENMARK & FAROE IS. | 56778 CT KUNMING CHINA                       |
| 47893 C KOCHI JAPAN                                   | 47140 C KUNSAN REP KOREA                     |
| 47638 C KOFU JAPAN                                    | 97372 C KUPANG/EL TARI INDONESIA             |
| 41564 C KOHAT PAKISTAN                                | 34009 C KURSK USSR                           |
| 61698 C KOLDA SENEGAL                                 | 47418 C KUSHIRO JAPAN                        |
| 29231 CT KOLPASEV USSR                                | 28952 CT KUSTANAJ USSR                       |
| 71969 C KOMAKUK BEACH, Y.T. CANADA                    | 40665 C KUT-AL-HAI IRAQ                      |
| 10929 C KONSTANZ GERMANY                              | 71906 CT KUUIJUAQ, QUE. CANADA               |
| 17244 C KONYA TURKEY                                  | 71905 C KUUIJUAPIK, QUE. CANADA              |
| 25954 CT KORF USSR                                    | 02869 C KUUSAMO FINLAND                      |
| 65536 C KORHOGO COTE D'IVOIRE                         | 40582 CT KUWAIT INTERNATIONAL AIRPORT KUWAIT |
| 91408 C KOROR, PALAU IS. USA IVOIRE                   | 91366 C KWAJALEIN/BUCH. MARSHALL IS. USA     |
| 62772 C KOSTI SUDAN                                   | 47116 C KWANAKSAN REP KOREA                  |
| 42452 C KOTA AERODROME INDIA                          | 47156 C KWANGJU REP KOREA                    |
| 48615 CT KOTA BHARU MALAYSIA                          | 47158 T KWANGJU AB REP KOREA                 |
| 96471 CT KOTA KINABALU MALAYSIA                       | 33393 CT L'VOV USSR                          |
| 70133 CT KOTZEBUE, RALPH WIEN USA                     | 80476 CT LA CANADA (MARACAIBO) VENEZUELA     |
| 65378 C KOUMA-KONDA TOGO                              | 78705 C LA CEIBA (AIRPORT) HONDURAS          |
| 91577 C KOUMAC (NILE-CALEDONIE) N CALEDONIA           | 08001 CT LA CORUNA SPAIN                     |
| 64893 C KOUNDJA REP CAMEROON                          | 08002 C LA CORUNA/ALVEDRO FRANCE             |
| 61293 C KOUTIALA MALI                                 | 71823 CT LA GRANDE IV, QUE. CANADA           |
| 43314 C KOZHIKODE INDIA                               | 71827 C LA GRANDE RIVIERE, QUE CANADA        |
|   | 78708 C LA MESA (SAN PEDRO SULA) HONDURAS    |

## STATION LIST RECENT DATA

08117 C LA MOLINA SPAIN  
 80405 C LA ORCHILA VENEZUELA  
 60005 C LA PALMA/AEROPUERTO SPAIN  
 76405 C LA PAZ, B.C.S. MEXICO  
 85201 C LA PAZ/ALTO BOLIVIA  
 87007 CT LA QUIACA ARGENTINA  
 87217 C LA RIOJA AERO. ARGENTINA  
 71922 C LA RONGE,SASK CANADA  
 71806 C LA SCIE,NFLD. CANADA  
 85488 C LA SERENA CHILE  
 78672 C LA UNION EL SALVADOR  
 61809 C LABE GUINEA  
 87534 C LABOULAYE ARGENTINA  
 82723 C LABREA BRAZIL  
 96465 C LABUAN MALAYSIA  
 71937 C LADY FRANKLIN POINT,N.W.T. CANADA  
 68476 CT LADYSMITH SOUTH AFRICA  
 94027 CT LAE M.O. PAPUA N GUINEA  
 60545 C LAGHOUAT ALGERIA  
 87903 C LAGO ARGENTINO AERO ARGENTINA  
 65201 C LAGOS/IKEJA NIGERIA  
 65202 T LAGOS/OSHODI NIGERIA  
 41641 C LAHORE AIRPORT PAKISTAN  
 41640 CT LAHORE CITY PAKISTAN  
 08508 T LAJES/SANTA RITA (ACORES) PORTUGAL  
 72240 CT LAKE CHARLES/MUN., LA. USA  
 91555 C LAMAP (MALEKULA) VANUATU  
 64551 C LAMBARENE GABON  
 72576 CT LANDER/HUNT, WY. USA  
 71899 C LANGARA,B.C. CANADA  
 71846 C LANSDOWNE HOUSE,ONT CANADA  
 52889 CT LANZHOU CHINA  
 98223 CT LAOAG PHILIPPINES  
 02958 C LAPPEENRANTA FINLAND  
 16648 C LARISSA GREECE  
 17609 C LARNACA AIRPORT CYPRUS  
 87563 C LAS FLORES AERO ARGENTINA

87078 C LAS LOMITAS ARGENTINA  
 60030 C LAS PALMAS DE GRAN CAN./GAN. SPAIN  
 72386 C LAS VEGAS/MCCARRAN, NV. USA  
 64560 C LASTOURSVILLE GABON  
 40022 C LATTAKIA SYRIAN ARAB REP  
 94968 C LAUNCESTON AIRPORT AUSTRALIA  
 94865 CT LAVERTON AERODROME AUSTRALIA  
 78925 C LE LAMENTIN MARTINIQUE  
 78897 CT LE RAIZET,GAUDELOUPE ST.MARTIN, ST.BARTH  
 94302 CT LEARMONTH AIRPORT AUSTRALIA  
 12120 CT LEBA POLAND  
 03257 C LEEMING U KINGDOM  
 98444 C LEGASPI PHILIPPINES  
 12374 T LEGIONOWO POLAND  
 10449 C LEINEFELDE GERMANY  
 10469 C LEIPZIG-SCHKEUDITZ GERMANY  
 83242 C LENCOIS BRAZIL  
 89657 CT LENINGRADSKAJA USSR  
 08055 C LEON/VIRGEN DEL CAMINO SPAIN  
 08171 C LERIDA SPAIN  
 03005 CT LERWICK U KINGDOM  
 78447 C LES CAYES HAITI  
 71874 CT LETHBRIDGE,ALTA. CANADA  
 80398 CT LETICIA/VASQUEZ COBO COLOMBIA  
 72422 C LEXINGTON/BLUE GRASS, KY. USA  
 55591 CT LHASA CHINA  
 64015 C LIBENGE ZAIRE  
 64500 C LIBREVILLE GABON  
 67217 C LICHINGA MOZAMBIQUE  
 91165 CT LIHUE, KAUAI, HAWAII USA QUE  
 99080 CT LIMA OCEAN WEATHER STATI  
 84628 CT LIMA-CALLAO/AEROP. INTERNACI PERU  
 07434 C LIMOGES FRANCE  
 72551 C LINCOLN/MUN., NE. USA  
 10393 CT LINDENBERG GERMANY  
 61627 C LINGUERE SENEGAL  
 27930 C LIPECK USSR

## STATION LIST RECENT DATA

|  |   |
|--|---|
| 64014 C LISALA ZAIRE                     | 16597 C LUQA MALTA                          |
| 08535 C LISBOA PORTUGAL                  | 67666 T LUSAKA CITY AIRPORT ZAMBIA          |
| 08579 T LISBOA/GAGO COUTINHO PORTUGAL    | 67665 C LUSAKA INTERNATIONAL AIRPORT ZAMBIA |
| 67743 C LIVINGSTONE ZAMBIA               | 06590 C LUXEMBOURG/LUXEMBOURG LUXEMBOURG    |
| 13015 C LJUBLJANA/BEZIGRAD YUGOSLAVIA    | 03740 C LYNEHAM U KINGDOM                   |
| 84545 C LLATA PERU                       | 71078 C LYNN LAKE, MAN. CANADA              |
| 71871 C LLOYDMINISTER, ALTA. CANADA      | 07480 C LYON/BRON FRANCE                    |
| 64146 C LODJA ZAIRE                      | 07481 T LYON/SATOLAS FRANCE                 |
| 63612 T LODWAR KENYA                     | 71891 C LYTTON, B.C. CANADA                 |
| 08084 C LOGRONO/AGONCILLO SPAIN          | 64452 C M'POUYA CONGO                       |
| 84270 C LOJA/LA ARGELIA ECUADOR          | 60467 C M'SILA ALGERIA                      |
| 15511 CT LOM BULGARIA                    | 40310 C MA'AN JORDAN                        |
| 65387 C LOME TOGO                        | 98648 C MAASIN PHILIPPINES                  |
| 71623 C LONDON, ONT. CANADA              | 45011 C MACAO MACAU                         |
| 03776 C LONDON/GATWICK AIRPORT U KINGDOM | 82098 C MACAPA BRAZIL                       |
| 83766 C LONDRINA BRAZIL                  | 61847 C MACENTA GUINEA                      |
| 94346 C LONGREACH AIRPORT AUSTRALIA      | 43185 CT MACHILIPATNAM INDIA                |
| 71091 C LONGSTAFF BLUFF, N.W.T. CANADA   | 71080 C MACKAR INLET, N.W.T. CANADA         |
| 72247 T LONGVIEW, TX. USA                | 94367 C MACKAY AUSTRALIA                    |
| 94995 CT LORD HOWE ISLAND AUSTRALIA      | 71944 C MACKENZIE, B.C. CANADA              |
| 78652 C LOS ANDES EL SALVADOR            | 72217 C MACON/LEWIS B. WILSON, GA. USA      |
| 72295 C LOS ANGELES/INT., CA. USA        | 94998 CT MACQUARIE ISLAND AUSTRALIA         |
| 64401 C LOUBOMO CONGO                    | 98646 CT MACTAN PHILIPPINES                 |
| 72423 C LOUISVILLE/STANDIFORD, KY. USA   | 94014 C MADANG M.O. PAPUA N GUINEA          |
| 66160 CT LUANDA ANGOLA                   | 40430 CT MADINAH SAUDI ARABIA               |
| 48930 C LUANG-PRABANG LAO PDR            | 72641 C MADISON/DANE COUNTY REGIONAL USA    |
| 66390 CT LUBANGO (SA DA BANDEIRA) ANGOLA | 43279 CT MADRAS/MINAMBAKKAM INDIA           |
| 72267 C LUBBOCK/LUBBOCK INTL, TX. USA    | 08222 C MADRID SPAIN                        |
| 64360 C LUBUMBASHI-LUANO ZAIRE           | 08221 CT MADRID/BARAJAS SPAIN               |
| 42369 T LUCKNOW/AMAUSI INDIA             | 08223 C MADRID/CUATRO VIENTOS SPAIN         |
| 42099 C LUDHIANA INDIA                   | 08224 C MADRID/GETAFE SPAIN                 |
| 66285 CT LUENA (LUSO) ANGOLA             | 08227 C MADRID/TORREJON SPAIN               |
| 06770 C LUGANO SWITZERLAND               | 47624 C MAEBASHI JAPAN                      |
| 08008 C LUGO/ROZAS SPAIN                 | 40265 T MAFRAQ JORDAN                       |
| 98747 C LUMBIA AIRPORT PHILIPPINES       | 61091 C MAGARIA NIGER                       |
| 61856 C LUNGI SIERRA LEONE               | 10361 C MAGDEBURG GERMANY                   |
| 64209 C LUOZI ZAIRE                      | 60522 C MAGHNIA ALGERIA                     |

## STATION LIST RECENT DATA

|  |   |
|--|---|
| 65082 C MAIDUGURI NIGERIA                | 97530 C MANOKWARI/RENDANI INDONESIA           |
| 61096 C MAINE-SOROA NIGER                | 64282 C MANONO ZAIRE                          |
| 67073 C MAINTIRANO MADAGASCAR            | 67461 C MANSA ZAMBIA                          |
| 47750 C MAIZURU JAPAN                    | 03797 C MANSTON U KINGDOM                     |
| 67027 C MAJUNGA MADAGASCAR               | 76654 C MANZANILLO,COL. MEXICO                |
| 91376 C MAJURO/MARSHALL IS. INTL USA CAR | 64701 C MAO CHAD                              |
| 64403 C MAKABANA CONGO                   | 67341 CT MAPUTO/MAVALANE MOZAMBIQUE           |
| 41030 CT MAKKAH SAUDI ARABIA             | 87774 C MAQUINCHAO ARGENTINA                  |
| 64556 C MAKOKOU GABON                    | 87692 C MAR DEL PLATA AERO ARGENTINA          |
| 64456 C MAKOUA CONGO                     | 82562 C MARABA BRAZIL                         |
| 65271 C MAKURDI NIGERIA                  | 80407 C MARACAIBO-LA CHINITA VENEZUELA        |
| 48665 C MALACCA MALAYSIA                 | 80413 CT MARACAY - B.A. SUCRE VENEZUELA       |
| 08482 C MALAGA/AEROPUERTO SPAIN          | 61080 C MARADI NIGER                          |
| 62840 CT MALAKAL SUDAN                   | 87467 C MARCOS JUAREZ AERO ARGENTINA          |
| 66215 C MALANGE ANGOLA                   | 17275 C MARDIN TURKEY                         |
| 87506 C MALARGUE AERO ARGENTINA          | 08043 C MARIN SPAIN                           |
| 17200 C MALATYA/ERHAC TURKEY             | 16325 C MARINA DI GINOSA ITALY                |
| 98751 C MALAYBALAY PHILIPPINES           | 68994 CT MARION ISLAND SOUTH AFRICA           |
| 03980 C MALIN HEAD IRELAND               | 86068 C MARISCAL ESTIGARRIBIA PARAGUAY        |
| 63799 C MALINDI KENYA                    | 64851 C MAROUA-SALAK REP CAMEROON             |
| 64890 C MAMFE REP CAMEROON               | 72743 C MARQUETTE, MI. USA                    |
| 61820 C MAMOU GUINEA                     | 60230 C MARRAKECH MOROCCO                     |
| 65548 C MAN COTE D'IVOIRE                | 63641 C MARSABIT KENYA                        |
| 78741 C MANAGUA A.C.SANDINO NICARAGUA    | 07650 C MARSEILLE/MARIGNANE FRANCE            |
| 67143 C MANANJARY MADAGASCAR             | 61996 CT MARTIN DE VIVIES (ILE AMSTER FRANCE) |
| 82331 C MANAUS BRAZIL                    | 71817 C MARY'S HARBOUR,NFLD. CANADA           |
| 82332 T MANAUS (AEROPORTO) BRAZIL        | 47155 C MASAN REP KOREA                       |
| 03334 C MANCHESTER AIRPORT U KINGDOM     | 98543 C MASBATE PHILIPPINES                   |
| 48042 C MANDALAY BURMA                   | 60507 C MASCARA GRISS ALGERIA                 |
| 44341 C MANDALGOVI MONGOLIA              | 60506 C MASCARA METMORE ALGERIA               |
| 43285 T MANGALORE/PANAMBUR INDIA         | 68454 C MASERU LESOTHO                        |
| 65352 C MANGO TOGO                       | 40745 CT MASHHAD IRAN, ISLAMIC REP            |
| 98425 C MANILA PHILIPPINES               | 41288 CT MASIRAH OMAN                         |
| 44294 C MANIT MONGOLIA                   | 71821 C MATAGAMI, QUE CANADA                  |
| 71722 CT MANIWAKI,QUE. CANADA            | 61630 C MATAM SENEGAL                         |
| 70179 C MANLEY HOT SPRINGS, AK. USA      | 47741 C MATSUE JAPAN                          |
| 43413 C MANNAR SRI LANKA                 | 47618 C MATSUMOTO JAPAN                       |

## STATION LIST RECENT DATA

47887 C MATSUYAMA JAPAN  
 84600 C MATUCANA PERU  
 80435 C MATURIN VENEZUELA  
 97300 C MAUMERE/WAI OTI INDONESIA  
 68032 C MAUN BOTSWANA  
 66447 C MAVINGA ANGOLA  
 89564 CT MAWSON AUSTRALIA  
 71965 C MAYO,Y.T. CANADA  
 64503 C MAYUMBA GABON  
 40911 C MAZAR-I-SHARIF AFGHANISTAN  
 84760 C MAZO CRUZ PERU  
 64005 C MBANDAKA ZAIRE  
 64247 C MBUJI-MAYI ZAIRE  
 70231 C MCGRATH, AK. USA  
 71897 C MCINNES IS.,B.C. CANADA  
 89664 CT MCMURDO USA  
 71125 C MEADOW LAKE,SASK. CANADA  
 60549 C MECHERIA ALGERIA  
 96035 CT MEDAN/POLONIA INDONESIA  
 60437 C MEDEA ALGERIA  
 72597 CT MEDFORD/MEDFORD- JACKSON COU USA  
 71872 C MEDICINE HAT,ALTA. CANADA  
 94430 C MEEKATHARRA AIRPORT AUSTRALIA  
 48053 T MEIKTILA BURMA  
 10548 CT MEININGEN GERMANY  
 64545 C MEKAMBO GABON  
 60150 C MEKNES MOROCCO  
 60338 C MELILLA SPAIN  
 86440 C MELO URUGUAY  
 97014 CT MENADO/DR. SAM RATULANGI INDONESIA  
 61250 C MENAKA MALI  
 87418 CT MENDOZA AERO ARGENTINA  
 80425 C MENE GRANDE VENEZUELA  
 56985 C MENGZI CHINA  
 66410 C MENONGUE (SERPA PINTO) ANGOLA  
 08314 C MENORCA/MAHON SPAIN  
 97980 C MERAUKE/MOPAH INDONESIA

86490 C MERCEDES URUGUAY  
 80438 C MERIDA VENEZUELA  
 72234 C MERIDIAN/KEY, MS. USA  
 62306 CT MERSA MATRUH EGYPT  
 17340 C MERSIN TURKEY  
 48674 C MERSING MALAYSIA  
 16420 C MESSINA ITALY  
 76680 C MEXICO (CENTRAL), D.F. MEXICO  
 67599 C MFUWE ZAMBIA  
 72202 C MIAMI, FL. USA  
 27935 C MICURINSK USSR  
 60195 C MIDELT MOROCCO  
 72265 C MIDLAND/MIDLAND REG., TX. USA  
 91066 CT MIDWAY ISLAND USA  
 99090 CT MIKE OCEAN WEATHER STATI  
 84202 C MILAGRO ECUADOR  
 16080 T MILANO/LINATE ITALY  
 94693 C MILDURA AIRPORT AUSTRALIA  
 60430 C MILIANA ALGERIA  
 72640 C MILWAUKEE/GEN. MITCHELL, WI. USA  
 47945 CT MINAMIDAITOJIMA JAPAN  
 47991 CT MINAMITORISHIMA JAPAN  
 43369 CT MINICOY INDIA  
 65123 C MINNA NIGERIA  
 72658 C MINNEAPOLIS/ST.PAUL INTL,MN. USA  
 26850 CT MINSK USSR  
 29866 C MINUSINSK USSR  
 96449 C MIRI MALAYSIA  
 89592 CT MIRNYJ USSR  
 94087 C MISIMA M.O. PAPUA N GUINEA  
 12772 C MISKOLC HUNGARY  
 72773 C MISSOULA/JOHNSON-BELL F.,MT. USA  
 62016 C MISURATA LIBYAN ARAB JAMAHIR  
 64552 C MITZIC GABON  
 47585 C MIYAKO JAPAN  
 47927 C MIYAKOJIMA JAPAN  
 47830 C MIYAZAKI JAPAN

## STATION LIST RECENT DATA

64565 C MOANDA GABON  
64665 C MOBAYE CENTRAL AFRICAN REP  
72223 C MOBILE/BATES FIELD, AL. USA  
63260 C MOGADISCIO SOMALIA  
30673 C MOGOCA USSR  
68452 C MOKHOTLONG SOUTH AFRICA  
47165 C MOKP'O REP KOREA  
78401 C MOLE SAINT-NICOLAS HAITI  
08232 C MOLINA DE ARAGON SPAIN  
72544 C MOLINE/QUAD CITY, IL. USA  
89542 CT MOLODEZNAJA USSR  
94044 C MOMOTE M.O. PAPUA N GUINEA  
66310 C MONBACA (BENGUELA) ANGOLA  
76342 C MONCLOVA,COAH. MEXICO  
72349 T MONETT, MO. USA  
64758 C MONGO CHAD  
67633 C MONGU ZAMBIA  
71718 C MONT JOLI,QUE. CANADA  
87393 C MONTE CASEROS AERO ARGENTINA  
78388 C MONTEGO BAY/SANGSTER JAMAICA  
76393 C MONTERREY,N.L. MEXICO  
83437 C MONTES CLAROS BRAZIL  
08003 C MONTEVENTOSO SPAIN  
72226 C MONTGOMERY/DANNELLY, AL. USA  
71627 CT MONTREAL/DORVAL INT'L,QUE CANADA  
71864 C MOOSE JAW,SASK. CANADA  
71836 CT MOOSONEE,ONT. CANADA  
61265 C MOPTI MALI  
94527 CT MOREE AUSTRALIA  
76665 C MORELIA,MICH. MEXICO  
47584 C MORIOKA JAPAN  
08397 C MORON DE LA FRONTERA SPAIN  
67001 C MORONI AIRPORT (GRANDE-COMOR COMOROS  
27612 CT MOSKVA USSR  
60456 C MOSTAGANEM PORT ALGERIA  
60457 C MOSTAGANEM VILLE ALGERIA  
40608 C MOSUL IRAQ

64550 C MOUILA GABON  
71072 CT MOULD BAY, N.W.T. CANADA  
64706 C MOUNDOU CHAD  
88889 CT MOUNT PLEASANT AIRPORT ISLANDS  
72613 C MOUNT WASHINGTON, NH. USA  
64402 C MOUYONDZI CONGO  
63619 CT MOYALE KENYA  
84435 C MOYOBAMBA PERU  
67477 C MPIKA ZAMBIA  
94821 CT MT GAMBIER AIRPORT (M.O.) AUSTRALIA  
94332 CT MT ISA AIRPORT AUSTRALIA  
63971 C MTWARA U REP TANZANIA  
10870 C MUENCHEN, FLUGHAFEN GERMANY  
10868 T MUENCHEN- OBERSCHLEISSHEIM GERMANY  
10866 C MUENCHEN-RIEM GERMANY  
17292 C MUGLA TURKEY  
42147 C MUKTESHWAR KUMAON INDIA  
41675 CT MULTAN PAKISTAN  
98329 C MUNOZ PHILIPPINES  
08430 CT MURCIA SPAIN  
08429 C MURCIA/ALCANTARILLA SPAIN  
08433 C MURCIA/SAN JAVIER SPAIN  
44231 C MUREN MONGOLIA  
22113 CT MURMANSK USSR  
41573 C MURREE PAKISTAN  
47899 C MURUOTOMISAKI JAPAN  
91952 CT MURUROA FRENCH POLY.  
17204 C MUS TURKEY  
72636 C MUSKEGON/COUNTY, MI. USA  
71630 C MUSKOKA,ONT. CANADA  
41006 C MUWAIH SAUDI ARABIA  
63756 C MWANZA U REP TANZANIA  
67441 C MWINILUNGA ZAMBIA  
48008 C MYITKYINA BURMA  
23146 CT MYS KAMENNYJ USSR  
25173 CT MYS SHMIDTA USSR  
25399 C MYS UELEN USSR

## STATION LIST RECENT DATA

64654 C N'DELE CENTRAL AFRICAN REP  
61049 C N'GUIGMI NIGER  
61849 C N'ZEREKORE GUINEA  
60557 C NAAMA ALGERIA  
47817 C NAGASAKI JAPAN  
47636 C NAGOYA JAPAN  
42867 CT NAGPUR SONEGAON INDIA  
47936 CT NAHA JAPAN  
71902 C NAIN,NFLD CANADA  
63741 T NAIROBI/DAGORETTI KENYA  
63740 C NAIROBI/KENYATTA AIRPORT KENYA  
41128 C NAJLAN SAUDI ARABIA  
48431 C NAKHON RATCHASIMA THAILAND  
48400 C NAKHON SAWAN THAILAND  
67237 CT NAMPULA MOZAMBIQUE  
58606 C NANCHANG CHINA  
07180 CT NANCY/ESSEY FRANCE  
91680 CT NANDI FIJI  
59431 C NANNING CHINA  
07222 C NANTES FRANCE  
23205 CT NAR'JAN-MAR USSR  
61233 C NARA MALI  
04270 T NARSARSUAQ DENMARK  
72327 CT NASHVILLE/METROPOLITAN,TN. USA  
40676 C NASIRIYA IRAQ  
78073 CT NASSAU AIRPORT BAHAMAS  
82598 C NATAL BRAZIL  
82599 CT NATAL BRAZIL  
71813 C NATASHQUAN,QUE. CANADA  
65319 C NATITINGOU BENIN  
91683 C NAUSORI FIJI  
08215 C NAVACERRADA SPAIN  
41749 CT NAWABSHAH PAKISTAN  
47909 CT NAZE JAPAN  
64700 CT NDJAMENA CHAD  
67561 C NDOLA ZAMBIA  
80315 C NEIVA/BENITO SALAS COLOMBIA

61497 C NEMA MAURITANIA  
47420 CT NEMURO JAPAN  
10280 C NEUBRANDENBURG GERMANY  
10557 C NEUHAUS A.R. GERMANY  
89002 CT NEUMAYER GERMANY  
87715 CT NEUQUEN AERO ARGENTINA  
10270 C NEURUPPIN GERMANY  
17193 C NEVSEHIR TURKEY  
42182 CT NEW DELHI/SAFDARJUNG INDIA  
72231 C NEW ORLEANS, LA USA  
93308 C NEW PLYMOUTH AERODROME N ZEALAND  
93309 C NEW PLYMOUTH AWS N ZEALAND  
72503 C NEW YORK/LA GUARDIA, NY. USA  
64870 C NGAOUNDERE REP CAMEROON  
48877 C NHA TRANG VIET NAM  
61052 CT NIAMEY-AERO NIGER  
65355 C NIAMTOUGOU TOGO  
07690 C NICE FRANCE  
71956 C NICHOLSON PENINSULA,N.W.T. CANADA  
17250 C NIGDE TURKEY  
47604 C NIIGATA JAPAN  
02942 C NIINISALO FINLAND  
32618 C NIKOL'SKOE (OSTROV BERINGA) USSR  
31369 C NIKOLAEVSK-NA-AMURE USSR  
26167 C NIKOLAEVSKOE USSR  
07645 CT NIMES/COURBESSAC FRANCE  
98429 C NINOY AQUINO INTER- NATIONAL PHILIPPINES  
61230 C NIORO DU SAHEL MALI  
71130 C NIPAWIN,SASK. CANADA  
23724 C NJAKSIMVOL' USSR  
61878 C NJALA SIERRA LEONE  
41710 T NOKKUNDI PAKISTAN  
70200 CT NOME USA  
04312 C NORD ADS DENMARK  
94996 CT NORFOLK ISLAND AIRPORT AUSTRALIA  
72308 C NORFOLK/INTL, VA. USA  
72556 C NORFOLK/KARL STEFAN, NE. USA

## STATION LIST RECENT DATA

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| 71043 CT NORMAN WELLS UA, N.W.T. CANADA     | 60490 C ORAN/ES SENIA ALGERIA            |
| 71876 C NORTH BATTLEFORD, SASK. CANADA      | 35121 CT ORENBURG USSR                   |
| 71731 C NORTH BAY,ONT. CANADA               | 08048 C ORENSE SPAIN                     |
| 72340 C NORTH LITTLE ROCK/MUNICIPAL USA     | 76737 C ORIZABA,VER. MEXICO              |
| 72562 CT NORTH PLATTE/LEE BIRD, NE. USA     | 01241 CT ORLAND NORWAY                   |
| 71141 C NORWAY HOUSE,MAN. CANADA            | 72205 C ORLANDO/JETPORT/ FL. USA         |
| 61415 CT NOUADHIBOU MAURITANIA              | 40712 C ORUMIEH IRAN, ISLAMIC REP        |
| 61442 C NOUAKCHOTT MAURITANIA               | 85242 C ORURO BOLIVIA                    |
| 91592 CT NOUMEA (NLE-CALEDONIE) N CALEDONIA | 47772 C OSAKA JAPAN                      |
| 16064 CT NOVARA/CAMERI ITALY                | 47122 T OSAN AB REP KOREA                |
| 26179 C NOVGOROD USSR                       | 10480 C OSCHATZ GERMANY                  |
| 89512 CT NOVOLAZAREVSKAJA USSR              | 47675 C OSHIMA JAPAN                     |
| 42467 C NOWGONG INDIA                       | 01384 CT OSLO/GARDERMOEN NORWAY          |
| 40767 C NOWJEH IRAN, ISLAMIC REP            | 85782 C OSORNO CHILE                     |
| 10763 C NUERNBERG GERMANY                   | 02226 C OSTERSUND/FROSON SWEDEN          |
| 86017 C NUEVA ASUNCION PARAGUAY             | 11782 C OSTRAVA/MOSNOV CZECHOSLOVAKIA    |
| 84132 C NUEVO ROCAFUERTE ECUADOR            | 21965 CT OSTROV CHETYREH- STOLBOVOY USSR |
| 62790 C NYALA SUDAN                         | 20674 CT OSTROV DIKSON USSR              |
| 76775 C OAXACA,OAX. MEXICO                  | 21432 CT OSTROV KOTEL'NYJ USSR           |
| 47417 C OBIHIRO JAPAN                       | 20069 C OSTROV VIZE USSR                 |
| 64659 C OBO CENTRAL AFRICAN REP             | 71628 C OTTAWA/INT. AIRPORT,ONT. CANADA  |
| 33837 CT ODESSA USSR                        | 65503 C OUAGADOUGOU BURKINA FASO         |
| 65528 C ODIENNE COTE D'IVOIRE               | 65502 C OUAHIGOUYA BURKINA FASO          |
| 31088 CT OHOTSK USSR                        | 67004 C OUANI (ANJOUAN) COMOROS          |
| 47815 C OITA JAPAN                          | 60580 C OUARGLA ALGERIA                  |
| 24688 C OJMIAKON USSR                       | 60265 C OUARZAZATE MOROCCO               |
| 72353 CT OKLAHOMA CITY/W.R.WORLD, OK. USA   | 64458 C OUESSO CONGO                     |
| 24125 CT OLENEK USSR                        | 60115 C OUJDA MOROCCO                    |
| 72792 C OLYMPIA, WA. USA                    | 02875 C OULU FINLAND                     |
| 47655 C OMAEZAKI JAPAN                      | 60421 C OUM EL BOUAGHI ALGERIA           |
| 72553 CT OMAHA, NE. USA                     | 08015 C OVIEDO SPAIN                     |
| 28698 CT OMSK USSR                          | 47663 C OWASE JAPAN                      |
| 47598 C ONAHAMA JAPAN                       | 41746 C PAD IDAN PAKISTAN                |
| 65222 C ONDO NIGERIA                        | 96163 C PADANG/TABING INDONESIA          |
| 91699 C ONO-I-LAU FIJI                      | 22619 C PADANY USSR                      |
| 87016 C ORAN AERO ARGENTINA                 | 91765 CT PAGO PAGO/INT. AIRPORT USA      |
| 60461 C ORAN PORT ALGERIA                   | 96109 C PAKANBARU/SIMPANGTIGA INDONESIA  |



## STATION LIST RECENT DATA

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| 48955 C PAKSE LAO PDR                         | 48601 CT PENANG/BAYAN LEPAS MALAYSIA                       |
| 64709 C PALA CHAD                             | 72688 C PENDLETON, OR. USA                                 |
| 96221 C PALEMBANG/TALANGBETUTU INDONESIA      | 71889 C PENTICTON, B.C. CANADA                             |
| 16410 C PALERMO BOCCADIFALCO ITALY            | 72532 C PEORIA/GREATER PEORIA, IL. USA                     |
| 08301 CT PALMA DE MALLORCA SPAIN              | 80210 C PEREIRA/MATECANA COLOMBIA                          |
| 08306 C PALMA DE MALLORCA/SON SAN JU SPAIN    | 28225 C PERM USSR  |
| 80479 C PALMICHAL, ESTADO CARABOBO VENEZUELA  | 07747 C PERPIGNAN FRANCE                                   |
| 40061 C PALMYRA SYRIAN ARAB REP               | 16230 C PESCARA ITALY                                      |
| 97072 C PALU/MUTIARA INDONESIA                | 41530 CT PESHAWAR PAKISTAN                                 |
| 43363 C PAMBAN INDIA                          | 71625 C PETAWAWA, ONT. CANADA                              |
| 08085 C PAMPLONA/NOAIN SPAIN                  | 82983 CT PETROLINA BRAZIL                                  |
| 96237 C PANGKALPINANG/PANGKALPINANG INDONESIA | 32540 CT PETROPAVLOVSK- KAMCATSKIJ USSR                    |
| 41739 CT PANJGUR PAKISTAN                     | 22820 C PETROZAVODSK USSR                                  |
| 41560 CT PARACHINAR PAKISTAN                  | 72408 C PHILADELPHIA/INTL, PA. USA                         |
| 65330 C PARAKOU BENIN                         | 48378 C PHITSANULOK THAILAND                               |
| 87374 C PARANA AERO ARGENTINA                 | 48991 C PHNOM-PENH/POCHENTONG DEMOCRATIC KAMPUCHE          |
| 93417 CT PARAPARAUMU AERODROME N ZEALAND      | 72278 C PHOENIX/SKY HARBOR INTL, AZ. USA                   |
| 07150 C PARIS/LE BOURGET FRANCE               | 48826 C PHU LIEN VIET NAM                                  |
| 82287 C PARNAIBA BRAZIL                       | 48565 T PHUKET AIRPORT THAILAND                            |
| 41759 C PASNI PAKISTAN                        | 78970 CT PIARCO INT. AIRPORT, TRINIDAD TRINIDAD AND TOBAGO |
| 86135 C PASO BARRETO PARAGUAY                 | 84140 C PICHILINGUE ECUADOR                                |
| 87814 C PASO DE INDIOS ARGENTINA              | 71845 C PICKLE LAKE, ONT. CANADA                           |
| 87289 C PASO DE LOS LIBRES AERO ARGENTINA     | 72652 C PICKSTOWN, SD. USA                                 |
| 86460 C PASO DE LOS TOROS URUGUAY             | 68174 CT PIETERSBURG SOUTH AFRICA                          |
| 80342 C PASTO/ANTONIO NARINO COLOMBIA         | 87679 C PIGUE AERO ARGENTINA                               |
| 42057 C PATHANKOT INDIA                       | 86255 C PILAR PARAGUAY                                     |
| 42101 T PATIALA INDIA                         | 87349 C PILAR OBSERVATORIO ARGENTINA                       |
| 42492 T PATNA INDIA                           | 98442 C PILI PHILIPPINES                                   |
| 82791 C PATOS BRAZIL                          | 16158 C PISA/S. GIUSTO ITALY                               |
| 06610 CT PAYERNE SWITZERLAND                  | 84691 C PISCO PERU   |
| 71068 C PEACE RIVER, ALTA. CANADA             | 72520 C PITTSBURGH/GREATER PITT., PA. USA                  |
| 12942 C PECS HUNGARY                          | 84401 C PIURA PERU   |
| 86097 C PEDRO JUAN CABALLERO PARAGUAY         | 37050 C PJATIGORSK USSR                                    |
| 87544 C PEHUAJO AERO ARGENTINA                | 61990 CT PLAISANCE (MAURITIUS) OCEAN ISLANDS               |
| 91554 C PEKOA AIRPORT (SANTO) VANUATU         | 03827 C PLYMOUTH WC U KINGDOM                              |
| 71919 C PELLY BAY, N.W.T. CANADA              | 65518 C PO BURKINA FASO                                    |
| 67215 C PEMBA MOZAMBIQUE                      |  |

## STATION LIST RECENT DATA

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| 72578 C POCATELLO/NUM., ID. USA               | 83064 C PORTO NACIONAL BRAZIL                  |
| 13463 C PODGORICA-GRAD YUGOSLAVIA             | 82824 T PORTO VELHO BRAZIL                     |
| 61612 C PODOR SENEGAL                         | 82825 C PORTO VELHO BRAZIL                     |
| 47138 CT POHANG REP KOREA                     | 84135 C PORTO VIEJO-GRANJA ECUADOR             |
| 64400 CT POINTE-NOIRE CONGO                   | 08546 C PORTO/SERRA DO PILAR PORTUGAL          |
| 20046 CT POLAR GMO IM.E.T. KRENKELJA( USSR    | 87178 C POSADAS AERO. ARGENTINA                |
| 08307 C POLLENSA SPAIN                        | 83332 C POSSE BRAZIL                           |
| 91348 C PONAPE, CAROLINE ISLANDS. USA         | 68351 T POTCHEFSTROOM UPPER-AIR SOUTH AFRICA   |
| 08053 C PONFERRADA SPAIN                      | 10379 C POTSDAM GERMANY                        |
| 08513 C PONTA DELGADA (ACORES) PORTUGAL       | 12330 C POZNAN POLAND                          |
| 83702 C PONTA PORA BRAZIL                     | 86125 C POZO COLORADO PARAGUAY                 |
| 08044 C PONTEVEDRA SPAIN                      | 48500 C PRACHUAP KHIRIKHAN THAILAND            |
| 96581 C PONTIANAK/SUPADIO INDONESIA           | 11520 CT PRAHA-LIBUS CZECHOSLOVAKIA            |
| 43063 C POONA INDIA                           | 11518 C PRAHA/RUZYNE CZECHOSLOVAKIA            |
| 11952 T POPRAD/GANOVCE CZECHOSLOVAKIA         | 16245 T PRATICA DI MARE ITALY                  |
| 11934 C POPRAD/TATRY CZECHOSLOVAKIA           | 86065 C PRATS-GIL PARAGUAY                     |
| 80421 C PORLAMAR (AERO- PUERTO INT. VENEZUELA | 87149 C PRESIDENCIA ROQUE SAENZ PENA ARGENTINA |
| 71475 C PORT ALBERNI,B.C. CANADA              | 68262 CT PRETORIA SOUTH AFRICA                 |
| 43333 CT PORT BLAIR INDIA                     | 68263 CT PRETORIA (IRENE) SOUTH AFRICA         |
| 68842 CT PORT ELIZABETH SOUTH AFRICA          | 71869 CT PRINCE ALBERT,SASK. CANADA            |
| 65250 C PORT HARCOURT NIGERIA                 | 71896 CT PRINCE GEORGE,B.C. CANADA             |
| 71109 CT PORT HARDY UA,B.C. CANADA            | 71898 C PRINCE RUPERT,B.C. CANADA              |
| 94312 CT PORT HEDLAND AIRPORT AUSTRALIA       | 04390 C PRINS CHRISTIAN SUND DENMARK           |
| 70333 C PORT HEIDEN USA                       | 76593 C PROGRESO, YUC. MEXICO                  |
| 94035 CT PORT MORESBY M.O. PAPUA N GUINEA     | 89574 C PROGRESS USSR                          |
| 62641 CT PORT SUDAN SUDAN                     | 72507 C PROVIDENCE/GREEN STATE, RI. USA        |
| 78437 C PORT-AU-PRINCE (DAMIEN) HAITI         | 80002 C PROVIDENCIA (ISLA)/EL EMBRUJ COLOMBIA  |
| 78439 C PORT-AU-PRINCE/AEROPORT INT. HAITI    | 12695 C PRZEMYSL POLAND                        |
| 71197 C PORT-AUX-BASQUES, NFLD. CANADA        | 80412 C PTO. CABELLO, B.N. VENEZUELA           |
| 61998 CT PORT-AUX-FRANCAIS (ILES KERG FRANCE  | 84515 C PUCALLPA PERU                          |
| 64501 C PORT-GENTIL GABON                     | 85574 C PUDAHUEL CHILE                         |
| 71851 C PORTAGE LA PRAIRIE, MAN. CANADA       | 86184 C PUERTO ANTEQUERA PARAGUAY              |
| 08571 C PORTALEGRE PORTUGAL                   | 80457 C PUERTO AYACUCHO VENEZUELA              |
| 72698 C PORTLAND/INTL, OR. USA                | 85862 C PUERTO AYSEN CHILE                     |
| 72606 CT PORTLAND/INTNL. JET PORT, ME USA     | 84567 C PUERTO BERMUDEZ PERU                   |
| 83967 C PORTO ALEGRE BRAZIL                   | 80139 C PUERTO CARRENO/A.GUAUQUEA COLOMBIA     |
| 83971 T PORTO ALEGRE (AERO- PORTO) BRAZIL     | 86086 C PUERTO CASADO PARAGUAY                 |

## STATION LIST RECENT DATA

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| 87896 C PUERTO DESEADO AERO ARGENTINA | 94085 C RABAU M.O. PAPUA N GUINEA            |
| 84560 C PUERTO ESPERANZA PERU         | 40362 C RAFHA SAUDI ARABIA                   |
| 78711 C PUERTO LEMPIRA HONDURAS       | 72306 C RALEIGH/RALEIGH-DURHAM, NC. USA      |
| 78767 C PUERTO LIMON COSTA RICA       | 40732 C RAMSAR IRAN, ISLAMIC REP             |
| 84658 C PUERTO MALDONADO PERU         | 71083 C RANKIN INLET, N.W.T. CANADA          |
| 85799 CT PUERTO MONTT CHILE           | 93997 T RAOUL IS., KERMADEC IS. 1 N ZEALAND  |
| 78458 C PUERTO PLATA DOMINICAN REP    | 93994 C RAOUL ISLAND KERMADEC IS. N ZEALAND  |
| 78457 C PUERTO PLATA DOMINICAN REP    | 93997 C RAOUL ISLAND, KERMADEC IS. N ZEALAND |
| 98618 C PUERTO PRINCESA PHILIPPINES   | 91997 C RAOUL ISLAND, KERMADEC IS. N ZEALAND |
| 85289 C PUERTO SUAREZ BOLIVIA         | 91958 CT RAPA FRENCH POLY.                   |
| 91928 C PUKA-PUKA FRENCH POLY.        | 72662 C RAPID CITY/REG., SD. USA             |
| 85934 CT PUNTA ARENAS CHILE           | 91843 CT RAROTONGA N ZEALAND                 |
| 84775 C PUNTA COLES PERU              | 22602 C REBOLY USSR                          |
| 87596 C PUNTA INDIO B.A. ARGENTINA    | 82900 CT RECIFE (CURADO) BRAZIL              |
| 78760 C PUNTARENAS COSTA RICA         | 87270 C RECONQUISTA AERO ARGENTINA           |
| 70249 C PUNTILLA USA                  | 71878 C RED DEER, ALTA. CANADA               |
| 84705 C PUQUIO PERU                   | 71863 C REGINA, SASK. CANADA                 |
| 47159 C PUSAN REP KOREA               | 82979 C REMANSO (TEMP. CLOSED) BRAZIL        |
| 47058 CT PYONGYANG DPR KOREA          | 96171 C RENGAT/JAPURA INDONESIA              |
| 68456 C QACHA'S NEK LESOTHO           | 72488 C RENO/INT., NV. USA                   |
| 56137 C QAMDO CHINA                   | 84396 C REQUENA PERU                         |
| 54857 C QINGDAO CHINA                 | 87155 CT RESISTENCIA AERO. ARGENTINA         |
| 50745 CT QIQIHAR CHINA                | 71924 CT RESOLUTE, N.W.T. CANADA             |
| 71904 C QUAQTAQ, QUE. CANADA          | 08175 C REUS/AEROPUERTO SPAIN                |
| 71714 C QUEBEC, QUE CANADA            | 71882 C REVELSTOKE, B.C. CANADA              |
| 67283 C QUELIMANE MOZAMBIQUE          | 85140 C REYES BOLIVIA                        |
| 71103 C QUESNEL, B.C. CANADA          | 04030 C REYKJAVIK ICELAND                    |
| 41661 T QUETTA PAKISTAN               | 85043 C RIBERALTA BOLIVIA                    |
| 41660 C QUETTA AIRPORT PAKISTAN       | 72401 C RICHMOND/BYRD, VA. USA               |
| 80144 C QUIBDO/EL CARANO COLOMBIA     | 91948 C RIKITEA FRENCH POLY.                 |
| 84670 C QUILLABAMBA PERU              | 16149 C RIMINI ITALY                         |
| 72797 CT QUILLAYUTE, WA. USA          | 44203 C RINCHINLHUMBE MONGOLIA               |
| 84677 C QUINCEMIL PERU                | 82915 C RIO BRANCO BRAZIL                    |
| 85543 CT QUINTERO SANTIAGO CHILE      | 87736 C RIO COLORADO ARGENTINA               |
| 84071 C QUITO/MARISCAL SUCRE ECUADOR  | 87453 C RIO CUARTO AERO ARGENTINA            |
| 82586 C QUIXERAMOBIM BRAZIL           | 83743 C RIO DE JANEIRO BRAZIL                |
| 60135 C RABAT-SALE MOROCCO            | 87925 C RIO GALLEGOS AERO ARGENTINA          |

## STATION LIST RECENT DATA

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| 87934 C RIO GRANDE B.A. ARGENTINA           | 47406 C RUMOI JAPAN                          |
| 83220 C RIO XINGU BRAZIL                    | 51777 C RUOQIANG CHINA                       |
| 80035 T RIOHACHA/ALMIRANTE PADILLA COLOMBIA | 85141 C RURRENABAQUE BOLIVIA                 |
| 80112 C RIONEGRO/J.M.CORDOVA COLOMBIA       | 28966 C RUZAEVKA USSR                        |
| 41533 C RISALPUR PAKISTAN                   | 61931 C S. TOME S. TOME                      |
| 87065 C RIVADAVIA ARGENTINA                 | 89001 CT S.A.N.A.E. STATION SOUTH AFRICA     |
| 40438 C RIYADH SAUDI ARABIA                 | 82106 C S.GABRIEL DO CACHOE-IRA (UAU BRAZIL) |
| 41443 C RIYAN YEMEN                         | 96001 C SABANG/CUT BAU INDONESIA             |
| 72411 C ROANOKE/MUN., VA. USA               | 71600 CT SABLE ISLAND,N.S. CANADA            |
| 65660 C ROBERTS FIELD LIBERIA               | 72483 C SACRAMENTO/EXECUTIVECA. USA          |
| 71728 C ROBERVAL,QUE. CANADA                | 06680 C SAENTIS SWITZERLAND                  |
| 85268 C ROBORE BOLIVIA                      | 42671 C SAGAR INDIA                          |
| 86565 C ROCHA URUGUAY                       | 60533 C SAIDA ALGERIA                        |
| 72644 C ROCHESTER/MUN., MN. USA             | 60536 C SAIDA ALGERIA                        |
| 72529 C ROCHESTER/R-MONROE CTY., NY. USA    | 41523 C SAIDU SHARIF PAKISTAN                |
| 72543 C ROCKFORD/GREATER ROCKFORD, I USA    | 47740 C SAIGO JAPAN                          |
| 94374 CT ROCKHAMPTON AIRPORT AUSTRALIA      | 44336 C SAIKHAN-OVOO MONGOLIA                |
| 71928 C ROCKY MOUNTAIN HOUSEALTA CANADA     | 44354 C SAINSHAND MONGOLIA                   |
| 61988 CT RODRIGUES OCEAN ISLANDS            | 71609 C SAINT JOHN,N.B. CANADA               |
| 41725 C ROHRI PAKISTAN                      | 61980 C SAINT-DENIS/GILLOT (REUNION) FRANCE  |
| 16239 C ROMA/CIAMPINO ITALY                 | 61600 C SAINT-LOUIS SENEGAL                  |
| 16242 C ROMA/FIUMICINO ITALY                | 71805 C SAINT-PIERRE ST. PIERRE AND MIQU     |
| 15111 C ROMAN ROMANIA                       | 08594 CT SAL CAPE VERDE                      |
| 98536 C ROMBLON PHILIPPINES                 | 41316 CT SALALAH OMAN                        |
| 06190 C RONNE DENMARK & FAROE IS.           | 08202 C SALAMANCA/MATACAN SPAIN              |
| 87480 C ROSARIO AERO ARGENTINA              | 23330 CT SALEHARD USSR                       |
| 03957 C ROSSLARE IRELAND                    | 76833 C SALINA CRUZ,OAX. MEXICO              |
| 61489 C ROSSO MAURITANIA                    | 72572 C SALT LAKE CITY/INTL, UT. USA         |
| 10170 C ROSTOCK-WARNEMUENDE GERMANY         | 87047 CT SALTA AERO ARGENTINA                |
| 34731 CT ROSTOV-NA-DONU USSR                | 76390 C SALTILLO,COAH MEXICO                 |
| 08449 C ROTA SPAIN                          | 86360 C SALTO URUGUAY                        |
| 89062 C ROTHERA POINT U KINGDOM             | 86210 C SALTOS DEL GUAIRA PARAGUAY           |
| 93247 C ROTORUA AERODROME N ZEALAND         | 83229 CT SALVADOR BRAZIL                     |
| 91650 C ROTUMA FIJI                         | 11150 C SALZBURG-FLUGHAFEN AUSTRIA           |
| 98538 C ROXAS PHILIPPINES                   | 35925 C SAM USSR                             |
| 45005 C ROYAL OBSERVATORY HONG KONG         | 17030 CT SAMSUN TURKEY                       |
| 64383 C RUHENGERI RWANDA                    | 61277 C SAN MALI                             |

## STATION LIST RECENT DATA

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| 80001 CT SAN ANDRES (ISLA)/SESQUICENT COLOMBIA        | 80462 CT SANTA ELENA DE UAIREN VENEZUELA    |
| 72263 C SAN ANGELO/MATHIS, TX. USA                    | 08515 C SANTA MARIA (ACORES) PORTUGAL       |
| 80447 CT SAN ANTONIO DEL TACHIRA VENEZUELA            | 72394 C SANTA MARIA/PUBLIC, CA. USA         |
| 87784 C SAN ANTONIO OESTE AERO ARGENTINA              | 80009 C SANTA MARTA/SIMON BOLIVAR COLOMBIA  |
| 72253 C SAN ANTONIO/INTL, TX. USA                     | 87623 CT SANTA ROSA AERO ARGENTINA          |
| 84008 CT SAN CRISTOBAL (GALAPAGOS) ECUADOR            | 78717 C SANTA ROSA DE COPAN HONDURAS        |
| 72290 CT SAN DIEGO/LINDBERGH, CA. USA                 | 08023 CT SANTANDER SPAIN                    |
| 80450 C SAN FERNANDO DE APURE VENEZUELA               | 08021 C SANTANDER/PARAYAS SPAIN             |
| 98437 C SAN FRANCISCO PHILIPPINES                     | 78795 T SANTIAGO PANAMA                     |
| 72494 C SAN FRANCISCO/INTL, CA. USA                   | 84505 C SANTIAGO DE CHUCO PERU              |
| 85207 C SAN IGNACIO DE VELASCO BOLIVIA                | 87129 C SANTIAGO DEL ESTERO AERO. ARGENTINA |
| 85104 C SAN JOAQUIN BOLIVIA                           | 85577 C SANTIAGO Q. NORMAL CHILE            |
| 98531 C SAN JOSE PHILIPPINES                          | 08042 C SANTIAGO/LABACOLLA SPAIN            |
| 85247 C SAN JOSE DE CHIQUITOS BOLIVIA                 | 78486 CT SANTO DOMINGO DOMINICAN REP        |
| 84721 C SAN JUAN PERU                                 | 82668 C SAO FELIX DO XINGU BRAZIL           |
| 87311 C SAN JUAN AERO ARGENTINA                       | 82280 CT SAO LUIZ BRAZIL                    |
| 86260 C SAN JUAN BAUTISTA MISIONES PARAGUAY           | 83781 C SAO PAULO BRAZIL                    |
| 80431 C SAN JUAN DE LOS MORROS VENEZUELA              | 83780 T SAO PAULO (AEROPOR- TO) BRAZIL      |
| 78526 C SAN JUAN/INTL, PUERTO RICO PUERTO RICO AND US | 47412 CT SAPPORO JAPAN                      |
| 87909 C SAN JULIAN AERO ARGENTINA                     | 13354 C SARAJEVO YUGOSLAVIA                 |
| 86216 C SAN LORENZO PARAGUAY                          | 34172 CT SARATOV USSR                       |
| 87436 C SAN LUIS AERO ARGENTINA                       | 48952 C SARAVANE LAO PEOPLE'S DEM. R        |
| 87416 C SAN MARTIN ARGENTINA                          | 41594 T SARGODHA PAKISTAN                   |
| 65594 C SAN PEDRO COTE D'IVOIRE                       | 64750 C SARH CHAD                           |
| 87509 C SAN RAFAEL AERO ARGENTINA                     | 71866 CT SASKATOON,SASK. CANADA             |
| 78662 C SAN SALVADOR EL SALVADOR                      | 65599 C SASSANDRA COTE D'IVOIRE             |
| 08029 C SAN SEBASTIAN/FUENTERRABIA SPAIN              | 71260 C SAULT STE MARIE,ONT. CANADA         |
| 08027 C SAN SEBASTIAN/IGUELDO SPAIN                   | 72734 C SAULT STE. MARIE, MI. USA           |
| 41404 C SANA'A YEMEN                                  | 97900 C SAUMLAKI INDONESIA                  |
| 40757 C SANANDAJ IRAN, ISLAMIC REP                    | 66226 C SAURIMO (HENRIQUE DECARVALHO ANGOLA |
| 96491 C SANDAKAN MALAYSIA IC REP                      | 72207 C SAVANNAH/MUNICIPAL, GA. USA         |
| 71101 C SANDSPIT,B.C. CANADA                          | 48947 C SAVANNAKHET LAO PDR                 |
| 98428 C SANGLEY POINT PHILIPPINES                     | 65335 C SAVE BENIN                          |
| 85123 C SANTA ANA BOLIVIA                             | 48938 C SAYABOURY LAO PDR                   |
| 85245 C SANTA CRUZ BOLIVIA                            | 71828 C SCHEFFERVILLE,QUE. CANADA           |
| 87912 C SANTA CRUZ AERO ARGENTINA                     | 10035 CT SCHLESWIG GERMANY                  |
| 60020 CT SANTA CRUZ DE TENE- RIFE, CM SPAIN           | 10552 C SCHMUECKE GERMANY                   |

## STATION LIST RECENT DATA

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| 10162 C SCHWERIN GERMANY                        | 72666 C SHERIDAN/COUNTY, WY. USA            |
| 98430 C SCIENCE GARDEN PHILIPPINES              | 47898 C SHIMIZU/ASHIZURI JAPAN              |
| 04339 CT SCORESBYSUND DENMARK                   | 71968 C SHINGLE POINT, Y.T. CANADA          |
| 72793 C SEATTLE/S.-TACOMA, WA. USA              | 47778 CT SHIONOMISAKI JAPAN                 |
| 62124 CT SEBHA LIBYAN ARAB JAMAHIR              | 40848 CT SHIRAZ IRAN, ISLAMIC REP           |
| 41256 CT SEEB, INTERNATIONAL AIRPORT OMAN       | 72248 C SHREVEPORT/REG., LA. USA            |
| 61892 C SEFADU SIERRA LEONE                     | 41600 CT SIALKOT PAKISTAN                   |
| 61272 C SEGOU MALI                              | 41697 C SIBI PAKISTAN                       |
| 08213 C SEGOVIA SPAIN                           | 64405 C SIBITI CONGO                        |
| 25703 CT SEJMCHAN USSR                          | 15260 C SIBIU ROMANIA                       |
| 96837 C SEMARANG INDONESIA                      | 96073 C SIBOLGA/PINANGSORI INDONESIA        |
| 96839 C SEMARANG/AHMADYANI INDONESIA            | 96421 C SIBU MALAYSIA                       |
| 36177 C SEMPALATINSK USSR                       | 60520 C SIDI BEL ABBES ALGERIA              |
| 47590 CT SENDAI JAPAN                           | 48966 C SIEMREAP DEMOCRATIC KAMPUCHE        |
| 62762 CT SENNAR SUDAN                           | 89042 C SIGNY ISLAND U KINGDOM HE           |
| 48948 C SENO LAO PDR                            | 61811 C SIGUIRI GUINEA                      |
| 47108 C SEOUL REP KOREA                         | 17210 C SIIRT TURKEY                        |
| 71811 CT SEPT-ILES UA,QUE. CANADA               | 61297 C SIKASSO MALI                        |
| 61976 C SERGE-FROLOW (ILE TROMELIN) FRANCE      | 42619 C SILCHAR INDIA                       |
| 67741 C SESHEKE ZAMBIA                          | 33946 C SIMFEROPOL' USSR                    |
| 60445 C SETIF ALGERIA                           | 32195 C SIMUSIR USSR                        |
| 08391 C SEVILLA/SAN PABLO SPAIN                 | 48698 CT SINGAPORE/CHANGI AIRPORT SINGAPORE |
| 70277 C SEWARD USA                              | 47035 C SINUIJU DPR KOREA                   |
| 63980 C SEYCHELLES INTER- NATIONAL A SEYCHELLES | 72557 C SIOUX CITY/MUN., IA. USA            |
| 63985 T SEYCHELLES INTER. AIRPORT(RA SEYCHELLES | 72651 C SIOUX FALLS/FOSS FIELD, SD. USA     |
| 62056 C SHAHAT LIBYAN ARAB JAMAHIR              | 71842 C SIOUX LOOKOUT,ONT. CANADA           |
| 58362 CT SHANGHAI CHINA                         | 62019 C SIRTE LIBYAN ARAB JAMAHIR           |
| 58367 T SHANGHAI CHINA                          | 48062 C SITTWE BURMA                        |
| 03962 C SHANNON AIRPORT IRELAND                 | 17090 C SIVAS TURKEY                        |
| 59316 C SHANTOU CHINA                           | 62417 C SIWA EGYPT                          |
| 41136 C SHARURAH SAUDI ARABIA                   | 26524 C SJAULJAJ USSR                       |
| 71601 C SHEARWATER,N.S. CANADA                  | 60355 C SKIKDA ALGERIA                      |
| 71399 CT SHELBURNE, N.S. CANADA                 | 13586 C SKOPJE-PETROVAC YUGOSLAVIA          |
| 70414 T SHEMA AFB USA                           | 71069 C SLAVE LAKE, ALTA CANADA             |
| 54342 C SHENYANG CHINA                          | 11903 C SLIAC CZECHOSLOVAKIA                |
| 71911 C SHEPHERD BAY, N.W.T. CANADA             | 71950 C SMITHERS,B.C. CANADA                |
| 71610 C SHERBROOKE,QUE. CANADA                  | 26781 C SMOLENSK USSR                       |

## STATION LIST RECENT DATA

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|---|---|
| 76845 C SN. CRISTOBAL LAS CASAS,CHIS MEXICO | 83997 C ST.VITORIA DO PALMAR BRAZIL           |
| 02836 CT SODANKYLA FINLAND                  | 26275 C STARAJA RUSSA USSR                    |
| 15614 CT SOFIA (OBSERV.) BULGARIA           | 62620 C STATION NO 6 SUDAN                    |
| 47090 C SOKCHO REP KOREA                    | 01415 CT STAVANGER/SOLA NORWAY                |
| 65361 C SOKODE TOGO                         | 71720 C STE AGATHE DES MONTS, QUE. CANADA     |
| 91551 C SOLA (VANUA LAVA) VANUATU           | 71815 CT STEPHENVILLE UA,NFLD CANADA          |
| 67551 C SOLWEZI ZAMBIA                      | 72260 T STEPHENVILLE/CLARK FIELD MUN USA      |
| 63962 C SONGEA U REP TANZANIA               | 72403 T STERLING, VA. USA                     |
| 48568 CT SONGKHLA THAILAND                  | 71955 C STEWART,B.C. CANADA                   |
| 11146 C SONNBLICK AUSTRIA                   | 80475 C STO.DOMINGO (B.A.) VENEZUELA          |
| 08148 C SORIA SPAIN                         | 02485 C STOCKHOLM SWEDEN                      |
| 97502 C SORONG/JEFMAN INDONESIA             | 02465 T STOCKHOLM/BROMMA SWEDEN               |
| 22802 C SORTOVALA USSR                      | 02464 C STOCKHOLM/BROMMA SWEDEN               |
| 47129 C SOSAN REP KOREA                     | 03026 CT STORNOWAY U KINGDOM                  |
| 76499 C SOTO LA MARINA, TAMP. MEXICO        | 07190 C STRASBOURG FRANCE                     |
| 64460 C SOUANKE CONGO                       | 10738 C STUTTGART- ECHTERDINGEN GERMANY       |
| 16746 C SOUDA GREECE                        | 10739 CT STUTTGART/SCHNARRENBERG GERMANY      |
| 60423 C SOUK AHRAS ALGERIA                  | 85283 C SUCRE BOLIVIA                         |
| 72535 C SOUTH BEND/ST.JOSEPH CO.,IN. USA    | 71730 C SUDBURY,ONT. CANADA                   |
| 13334 C SPLIT/MARJAN CROATIA                | 27707 C SUHINICI USSR                         |
| 72785 CT SPOKANE/INT.,WA. USA               | 41062 C SULAYEL SAUDI ARABIA                  |
| 68512 CT SPRINGBOK SOUTH AFRICA             | 15360 C SULINA ROMANIA                        |
| 72439 C SPRINGFIELD/CAPITAL, IL. USA        | 72429 T SULPHUR GROVE, OH. USA                |
| 72440 C SPRINGFIELD/MUN., MO. USA           | 97260 C SUMBAWA BESAR/SUMBAWA BESAR INDONESIA |
| 71207 C SQUAMISH AIRPORT,B.C CANADA         | 71702 C SUMMERSIDE,P.E.I. CANADA              |
| 42027 CT SRINAGAR INDIA                     | 02365 T SUNDSVALL-HARNOSAND FLYGPLAT SWEDEN   |
| 61986 C ST. BRANDON (ST. RAPHAEL) MAURITIUS | 02366 C SUNDSVALL-HARNOSAND FLYGPLAT SWEDEN   |
| 72655 C ST. CLOUD/WHITNEY, MN. USA          | 24738 C SUNTAR USSR                           |
| 61901 CT ST. HELENA IS. U KINGDOM           | 41268 C SUR OMAN                              |
| 72434 C ST. LOUIS/LAMBERT, ST., MO. USA     | 96933 C SURABAYA/PERAK INDONESIA              |
| 70308 C ST. PAUL, AK. USA                   | 98653 C SURIGAO PHILIPPINES                   |
| 11028 C ST. POELTEN AUSTRIA                 | 47421 C SUTTSU JAPAN                          |
| 71819 C ST.ANTHONY,NFLD. CANADA             | 01008 C SVALBARD LUFTHAVN NORWAY              |
| 72655 T ST.CLOUD/WHITNEY, MN. USA           | 22915 C SVIRICA USSR                          |
| 71801 CT ST.JOHN'S UA,NLFD CANADA           | 71870 C SWIFT CURRENT,SASK. CANADA            |
| 71802 C ST.LAWRENCE,NFLD.CANADA             | 94767 C SYDNEY AIRPORT AUSTRALIA              |
| 26063 CT ST.PETERBURG (WOEYOKOWO) USSR      | 71707 C SYDNEY,N.S. CANADA                    |

## STATION LIST RECENT DATA

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|---------------------------------------|---|
| 23804 CT SYKTYVKAR USSR               | 72211 C TAMPA/INTL, FL. USA                   |
| 41891 C SYLHET BANGLADESH             | 76548 C TAMPICO, TAMPAS MEXICO                |
| 89532 CT SYOWA JAPAN                  | 97876 C TANAH MERAH/TANAH MERAH INDONESIA     |
| 72519 C SYRACUSE/HANCOCK, NY. USA     | 87645 C TANDIL AERO ARGENTINA                 |
| 12205 C SZCZECIN POLAND               | 47837 C TANEGASHIMA JAPAN                     |
| 12982 CT SZEGED HUNGARY               | 60101 C TANGER(AERODROME) MOROCCO             |
| 12812 C SZOMBATHELY HUNGARY           | 96249 C TANJUNGPANDAN/BULUH TUMBANG INDONESIA |
| 65380 C TABLIGBO TOGO                 | 96091 C TANJUNGPINANG/KIJANG INDONESIA        |
| 63832 C TABORA AIRPORT U REP TANZANIA | 58965 C TAOYUAN CHINA                         |
| 65592 C TABOU COTE D'IVOIRE           | 76903 C TAPACHULA, CHIS. MEXICO               |
| 40706 C TABRIZ IRAN, ISLAMIC REP      | 96509 C TARAKAN/JUWATA INDONESIA              |
| 40375 CT TABUK SAUDI ARABIA           | 84455 C TARAPOTO PERU                         |
| 98550 C TACLOBAN PHILIPPINES          | 91610 CT TARAWA N ZEALAND                     |
| 84782 C TACNA PERU                    | 44230 C TARIJAN MONGOLIA                      |
| 47143 C TAEGU REP KOREA               | 23552 C TARKO-SALE USSR                       |
| 47133 C TAEJON REP KOREA              | 38457 CT TASHKENT USSR                        |
| 98644 C TAGBILARAN PHILIPPINES        | 47646 T TATENO JAPAN                          |
| 83235 C TAGUATINGA BRAZIL             | 47672 C TATEYAMA JAPAN                        |
| 91938 CT TAHITI-FAAA FRENCH POLY.     | 96481 CT TAWAU MALAYSIA                       |
| 65467 C TAHORADI GHANA                | 98427 C TAYABAS PHILIPPINES                   |
| 61043 C TAHOUA NIGER                  | 37549 CT TBILISI USSR                         |
| 58968 T TAIBEI CHINA                  | 64507 C TCHIBANGA GABON                       |
| 41036 C TAIF SAUDI ARABIA             | 60475 C TEBESSA ALGERIA                       |
| 53772 C TAIYUAN CHINA                 | 96797 C TEGAL INDONESIA                       |
| 47612 C TAKADA JAPAN                  | 78720 CT TEGUCIGALPA HONDURAS                 |
| 47891 C TAKAMATSU JAPAN               | 40754 CT TEHRAN-MEHRABAD IRAN, ISLAMIC REP    |
| 91943 C TAKAROA FRENCH POLY.          | 78706 C TELA HONDURAS                         |
| 84390 C TALARA PERU                   | 96295 C TELUKBETUNG/BERANTI INDONESIA         |
| 70251 C TALKEETNA USA                 | 80478 C TEMBLADOR VENEZUELA                   |
| 72214 C TALLAHASSEE/MUN., FL. USA     | 85743 C TEMUCO CHILE                          |
| 26038 C TALLIN USSR                   | 60025 C TENERIFE SUR SPAIN                    |
| 65418 C TAMALE GHANA                  | 60015 C TENERIFE/LOS RODEOS SPAIN             |
| 60680 CT TAMANRASSET ALGERIA          | 60410 C TENES ALGERIA                         |
| 67095 C TAMATAVE MADAGASCAR           | 56739 C TENGCHONG CHINA                       |
| 61687 C TAMBACOUNDA SENEGAL           | 94238 C TENNANT CREEK AIRPORT AUSTRALIA       |
| 27947 C TAMBOV USSR                   | 83492 C TEOFILO OTONI BRAZIL                  |
| 38413 C TAMDY USSR                    | 76373 C TEPEHUANES, DGO MEXICO                |



## STATION LIST RECENT DATA

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|--|---|
| 82578 C TEREZINA BRAZIL                | 71624 C TORONTO PEARSON INT. AIRPORT CANADA       |
| 16232 C TERMOLI ITALY                  | 76382 C TORREON,COAH. MEXICO                      |
| 71951 C TERRACE,B.C. CANADA            | 08238 C TORTOSA SPAIN                             |
| 08235 C TERUEL SPAIN                   | 44225 C TOSONTSENGEL MONGOLIA                     |
| 61202 CT TESSALIT MALI                 | 60555 C TOUGGOURT ALGERIA                         |
| 67261 C TETE MOZAMBIQUE                | 07630 C TOULOUSE/BLAGNAC FRANCE                   |
| 10177 C TETEROW GERMANY                | 94294 CT TOWNSVILLE AIRPORT AUSTRALIA             |
| 60318 C TETUAN/SANIA RAMEL MOROCCO     | 47747 C TOYOOKA JAPAN                             |
| 48946 C THAKHEK LAO PDR                | 16429 CT TRAPANI/BIRGI ITALY                      |
| 71867 C THE PAS,MAN. CANADA            | 07145 T TRAPPES FRANCE                            |
| 16622 C THESSALONIKI/MIKRA GREECE      | 86500 C TREINTA Y TRES URUGUAY                    |
| 71079 C THOMPSON,MAN. CANADA           | 87828 C TRELEW AERO ARGENTINA                     |
| 06011 CT THORSHAVN DENMARK & FAROE IS. | 71621 C TRENTON,ONT. CANADA                       |
| 41314 C THUMRAIT OMAN                  | 87688 C TRES ARROYOS ARGENTINA                    |
| 71749 C THUNDER BAY, ONT. CANADA       | 83618 C TRES LAGOAS BRAZIL                        |
| 94175 C THURSDAY ISLAND AUSTRALIA      | 16099 C TREVISO/S. ANGELO ITALY                   |
| 60511 C TIARET ALGERIA                 | 10609 C TRIER-PETRISBERG GERMANY                  |
| 61450 C TIDJIKJA MAURITANIA            | 16110 C TRIESTE ITALY                             |
| 61036 C TILLABERY NIGER                | 43418 C TRINCOMALEE SRI LANKA                     |
| 81002 C TIMEHRI GUYANA                 | 83650 CT TRINDADE (ILHA) BRAZIL                   |
| 60607 C TIMIMOUN ALGERIA               | 85154 C TRINIDAD BOLIVIA                          |
| 15247 C TIMISOARA ROMANIA              | 40103 C TRIPOLI LEBANON                           |
| 71739 C TIMMINS,ONT. CANADA            | 62010 CT TRIPOLI INTER- NATIONAL AIRP LIBYAN ARAB |
| 60656 C TINDOUF ALGERIA                | JAMAHIR   |
| 84534 C TINGO MARIA PERU               | 43371 CT TRIVANDRUM INDIA                         |
| 03100 C TIREE U KINGDOM                | 01025 C TROMSO/LANGNES NORWAY                     |
| 13462 C TITOGRADE/GOLUBOVCI YUGOSLAVIA | 26997 C TRUBCEVSK USSR                            |
| 60395 C TIZI-OUZOU ALGERIA             | 84501 C TRUJILLO PERU                             |
| 60531 C TLEMCEN (ZENATA) ALGERIA       | 91334 CT TRUK, CAROLINE IS. USA                   |
| 28275 C TOBOL'SK USSR                  | 44282 C TSETSERLEG MONGOLIA                       |
| 62062 C TOBRUK LIBYAN ARAB JAMAHIR     | 44347 C TSOGT-OVO MONGOLIA                        |
| 17086 C TOKAT TURKEY                   | 91954 C TUBUAI FRENCH POLY.                       |
| 47662 C TOKYO JAPAN                    | 72274 CT TUCSON/INTL, AZ. USA                     |
| 08272 C TOLEDO SPAIN                   | 87121 C TUCUMAN AERO ARGENTINA                    |
| 72536 C TOLEDO/EXPRESS, OH. USA        | 98233 C TUGUEGARAO PHILIPPINES                    |
| 61223 CT TOMBOUCTOU MALI               | 71959 C TUKTOYAKTUK,N.W.T.CANADA                  |
| 72456 C TOPEKA/MUN., KS. USA           | 27719 C TULA USSR                                 |

## STATION LIST RECENT DATA

|  |  |
|--|--|
| 67161 C TULEAR MADAGASCAR                    | 02911 C VAASA FINLAND                        |
| 72356 C TULSA/INTL, OK. USA                  | 61995 T VACOAS(MAURITIUS) MAURITIUS          |
| 80337 C TUMACO/EL MIRA COLOMBIA              | 71725 C VAL D'OR,QUE. CANADA                 |
| 84370 C TUMBES PERU                          | 26289 C VALDAJ USSR                          |
| 80453 C TUMEREMO VENEZUELA                   | 85766 C VALDIVIA CHILE                       |
| 60715 CT TUNIS-CARTHAGE TUNISIA              | 80472 C VALENCIA VENEZUELA                   |
| 24507 CT TURA USSR                           | 08285 C VALENCIA SPAIN                       |
| 40356 CT TURAIF SAUDI ARABIA                 | 08284 C VALENCIA/AEROPUERTO SPAIN            |
| 35358 C TURGAJ USSR                          | 03953 CT VALENTIA OBSERVATORY IRELAND        |
| 02972 C TURKU FINLAND                        | 80426 C VALERA VENEZUELA                     |
| 23472 CT TURUHANSK USSR                      | 08141 C VALLADOLID SPAIN                     |
| 48407 CT UBON HATCHATHANI THAILAND           | 08140 C VALLADOLID/VILLANBULA SPAIN          |
| 06447 CT UCCLE BELGIUM                       | 80434 C VALLE DE LA PASCUA VENEZUELA         |
| 16044 T UDINE/CAMPOFORMIDO ITALY             | 03302 C VALLEY U KINGDOM                     |
| 16045 CT UDINE/RIVOLTO ITALY                 | 17170 C VAN TURKEY                           |
| 48354 C UDON THANI THAILAND                  | 71892 CT VANCOUVER INT. AIR- PORT, B. CANADA |
| 44214 C UIGI MONGOLIA                        | 71136 T VANSKOY UPPER-AIR, SASK CANADA       |
| 97180 CT UJUNG PANDANG/HASANUDDIN INDONESIA  | 01098 C VARDONORWAY                          |
| 44292 C ULAAN-BAATOR MONGOLIA                | 15552 CT VARNA BULGARIA                      |
| 44212 C ULAAN-GOM MONGOLIA                   | 26477 C VELIKIE LUKI USSR                    |
| 47130 C ULCHIN REP KOREA                     | 26314 T VENTSPILS USSR                       |
| 44272 C ULIASTAI MONGOLIA                    | 83264 C VERA (GLEBA CELESTE) BRAZIL          |
| 47115 C ULLUNGDO REP KOREA                   | 42909 C VERAVAL INDIA                        |
| 47152 C ULSAN REP KOREA                      | 24266 CT VERHOJANSK USSR                     |
| 44215 C UMNU-GOBI MONGOLIA                   | 71115 CT VERNON,B.C. CANADA                  |
| 44304 C UNDERHAN MONGOLIA                    | 16090 C VERONA/VILLAFRANCA ITALY             |
| 91652 C UNDU POINT FIJI                      | 15280 C VF. OMU ROMANIA                      |
| 76225 CT UNIV. DE CHIHUAHUA, CHIHUAHU MEXICO | 71799 C VICTORIA INT.AIRPORTB.C. CANADA      |
| 04209 C UPERNAVIK AWS DENMARK                | 48112 C VICTORIA POINT BURMA                 |
| 68424 CT UPINGTON SOUTH AFRICA               | 71200 C VICTORIA/GONZALES HEIGHTS,B. CANADA  |
| 47426 C URAKAWA JAPAN                        | 72255 C VICTORIA/VICTORIA REG., TX. USA      |
| 17270 C URFA TURKEY                          | 87791 C VIEDMA AERO ARGENTINA                |
| 51463 CT URUMQI CHINA                        | 48927 C VIENGSAY LAO PDR                     |
| 17188 C USAK TURKEY                          | 48940 C VIENTIANE LAO PDR                    |
| 87938 C USHUAIA B.A. ARGENTINA               | 98222 C VIGAN PHILIPPINES                    |
| 30635 C UST'-BARGUZIN USSR                   | 08045 C VIGO/PEINADOR SPAIN                  |
| 25325 C UST'-OLOJ USSR                       | 26730 C VIL'NJUS USSR                        |

## STATION LIST RECENT DATA

|  |  |
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| 83208 CT VILHENA BRAZIL                      | 97686 C WAMENA/WAMENA INDONESIA            |
| 24641 C VILJUJSK USSR                        | 47170 C WANDO REP KOREA                    |
| 60096 C VILLA CISNEROS WESTERN SAHARA        | 12375 C WARSZAWA-OKECIE POLAND             |
| 87328 C VILLA DOLORES AERO ARGENTINA         | 72405 C WASHINGTON/NAT., VA. USA           |
| 87244 C VILLA MARIA DEL RIO SECO ARGENTINA   | 10544 C WASSERKUPPE GERMANY                |
| 87448 C VILLA REYNOLDS AERO ARGENTINA        | 71953 C WATSON LAKE, Y.T. CANADA           |
| 11212 C VILLACHERALPE AUSTRIA                | 62880 C WAU SUDAN                          |
| 86233 C VILLARRICA PARAGUAY                  | 71738 C WAWA, ONT. CANADA                  |
| 80234 C VILLAVICENCIO/VANGUARDIA COLOMBIA    | 72213 T WAYCROSS/WARE CO., GA USA          |
| 48845 C VINH VIET NAM                        | 10688 C WEIDEN GERMANY                     |
| 22925 C VINNICY USSR                         | 40400 CT WEJH SAUDI ARABIA                 |
| 98446 C VIRAC PHILIPPINES                    | 93434 C WELLINGTON N ZEALAND               |
| 02590 C VISBY FLYGPLATS SWEDEN               | 72203 C WEST PALM BEACH/INTL, FL. USA      |
| 43149 C VISHAKHAPATNAM INDIA                 | 94004 C WEWAK PAPUA N GUINEA               |
| 30054 C VITIM USSR                           | 71930 C WHITECOURT, ALTA. CANADA           |
| 08080 C VITORIA SPAIN                        | 71964 T WHITEHORSE, UA, Y.T. CANADA        |
| 83648 C VITORIA BRAZIL                       | 71633 C WIARTON, ONT. CANADA               |
| 83344 C VITORIA DA CONQUISTA BRAZIL          | 72450 C WICHITA, KS. USA                   |
| 26695 C VJAZ'MA USSR                         | 61902 CT WIDE AWAKE FIELD (ASCENSION USA)  |
| 31960 CT VLADIVOSTOK (SAD-GOROD) USSR        | 11035 CT WIEN/HOHE WARTE AUSTRIA           |
| 27037 CT VOLOGDA USSR                        | 72513 C WILKES-BARRE-SCRANTON, PA. USA     |
| 27453 T VOLZSKAJA GMO USSR                   | 89674 C WILLIAMS FIELD USA                 |
| 34122 C VORONEZ USSR                         | 71104 C WILLIAMS LAKE, B.C. CANADA         |
| 89606 CT VOSTOK USSR                         | 94776 CT WILLIAMTOWN AERODROME AUSTRALIA   |
| 26393 C VYSNIJ VOLOCEK USSR                  | 94299 CT WILLIS ISLAND AUSTRALIA           |
| 22837 C VYTEGRA USSR                         | 72767 C WILLISTON/SLOULIN FIELD, ND. USA   |
| 71825 C WABUSH LAKE, NFLD. CANADA            | 68110 C WINDHOEK NAMIBIA                   |
| 72256 C WACO, MADISON-COOPER, TX. USA        | 71538 C WINDSOR, ONT. CANADA               |
| 62751 C WAD MEDANI SUDAN                     | 72583 C WINNEMUCCA/MUN., NV. USA           |
| 03377 C WADDINGTON U KINGDOM                 | 71852 CT WINNIPEG INT. AIRPORT MAN. CANADA |
| 41061 C WADI AL DAWASER AIRPORT SAUDI ARABIA | 71964 C WITHEHORSE, Y.T. CANADA            |
| 62600 C WADI HALFA SUDAN                     | 10474 C WITTENBERG GERMANY                 |
| 94910 CT WAGGA AIRPORT AUSTRALIA             | 12497 C WLODAWA POLAND                     |
| 97340 C WAINGAPU/MAU HAU INDONESIA           | 47114 C WONJU REP KOREA                    |
| 47600 CT WAJIMA JAPAN                        | 47055 C WONSAN DPR KOREA                   |
| 91245 C WAKE ISLAND AIRFIELD, WAKE I USA     | 94659 CT WOOMERA AERODROME AUSTRALIA       |
| 47401 CT WAKKANAI JAPAN                      | 12425 T WROCLAW I POLAND                   |

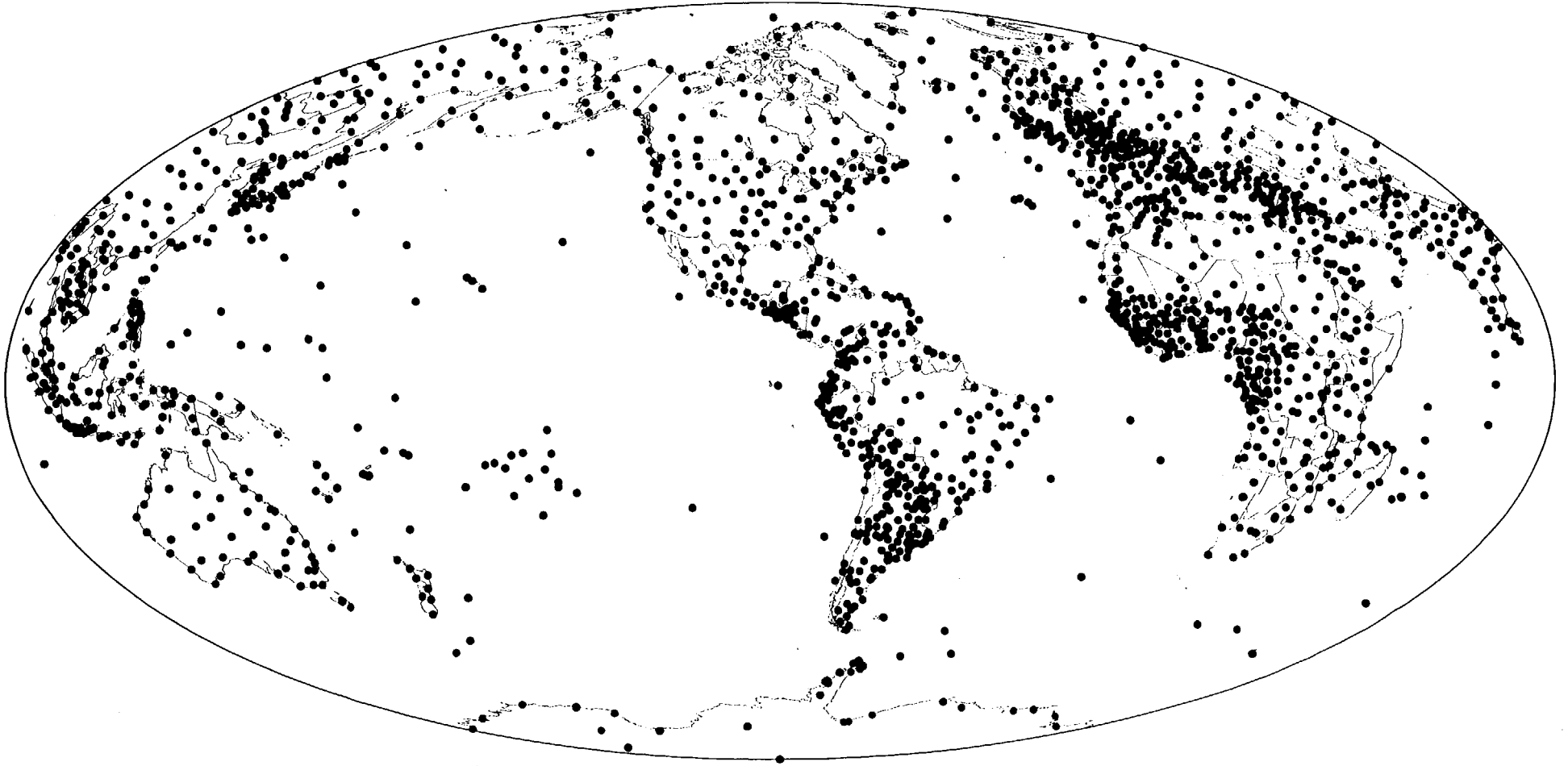
## STATION LIST RECENT DATA

12424 C WROCLAW II POLAND  
71865 C WYNYARD,SASK. CANADA  
57036 C XI'AN CHINA  
56571 C XICHANG CHINA  
85365 C YACUIBA BOLIVIA  
72781 C YAKIMA/YAKIMA AIR TERM.,WA. USA  
70361 CT YAKUTAT USA  
64661 C YALINGA CENTRAL AFRICAN REP  
47588 C YAMAGATA JAPAN  
65563 C YAMOOUSSOUKRO COTE D'IVOIRE  
48097 CT YANGON BURMA  
54292 C YANJI CHINA  
64950 C YAOUNDE REP CAMEROON  
91413 C YAP, CAROLINE IS. USA MEROON  
71603 CT YARMOUTH, N.S. CANADA  
84710 C YAURI PERU  
40821 C YAZD IRAN, ISLAMIC REP  
61877 C YELE SIERRA LEONE  
71936 C YELLOWKNIFE,N.W.T.CANADA  
40439 C YENBO SAUDI ARABIA  
03853 C YEOVILTON U KINGDOM  
57461 C YICHANG CHINA  
53614 C YINCHUAN CHINA  
51431 C YINING CHINA  
64900 C YOKO REP CAMEROON  
65167 C YOLA NIGERIA  
47744 CT YONAGO JAPAN  
47912 C YONAGUNIJIMA JAPAN  
71138 C YORKTON,SASK. CANADA  
47168 C YOSU REP KOREA  
72525 C YOUNGSTOWN, OH. USA  
17140 C YOZGAT TURKEY  
84425 C YURIMAGUAS PERU  
76525 C ZACATECAS,ZAC. (LA BUFA,ZAC. MEXICO)  
13129 C ZAGREB/GRIC CROATIA  
13130 T ZAGREB/MAKSIMIR CROATIA  
40856 C ZAHEDAN IRAN, ISLAMIC REP

67531 C ZAMBEZI ZAMBIA  
98836 CT ZAMBOANGA PHILIPPINES  
44358 C ZAMIIN UDE MONGOLIA  
08130 C ZAMORA SPAIN  
81225 C ZANDERIJ SURINAME  
40729 C ZANJAN IRAN, ISLAMIC REP  
08160 C ZARAGOZA/AEROPUERTO SPAIN  
57083 C ZHENGZHOU CHINA  
57745 C ZHIJIANG CHINA  
41620 CT ZHOB PAKISTAN  
89573 C ZHONGSHAN WEATHER OFFICE ANTARCTIC  
61695 C ZIGUINCHOR SENEGAL  
61090 C ZINDER NIGER  
10582 C ZINNWALD-GEORGENFELD GERMANY  
17022 C ZONGULDAK TURKEY  
61404 C ZOUERATE MAURITANIA  
10961 C ZUGSPITZE GERMANY  
06660 C ZURICH (TOWN/VILLE). SWITZERLAND  
25400 C ZYRJANKA USSR

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# CLIMATIC DATA STATIONS - WORLDWIDE



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**COVER:** The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U.S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (CG-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center  
January 1994

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