

NOVEMBER 2001

VOL. 54 NO. 11



ISSN 0027-0296

MONTHLY
CLIMATIC
DATA
FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

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

A handwritten signature in cursive script that reads "Thomas R. Karl".

Director
National Climatic Data Center

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

PREFACE

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

REFERENCE NOTES

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

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

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

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

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

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

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

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

SURFACE DATA TABLES

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

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

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

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

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

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

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

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

UPPER AIR DATA TABLES

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

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

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

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

The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina, USA.

PUBLICATION STAFF

William Angel, Meteorologist

Joe Kraft, Met. Tech

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

**NCDC Subscription Services Center
310 State Route 956, Building 300
Rocket Center, WV 26726**

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| EUROPE | | | | | | | | | | | | | | | | |
| NORWAY | | | | | | | | | | | | | | | | |
| 01001 JAN MAYEN | 7056N | 00840W | 9 | | 995.5 | 996.7 | -3.4 | -.1 | 4.2 | .1 | 19 | 119 | 53 | 6 | | |
| 01008 SVALBARD LUFTHAVN | 7815N | 01528E | 29 | | 994.0 | 997.5 | -11.1 | -.8 | 2.1 | -.4 | 8 | 18 | 5 | 4 | | |
| 01025 TROMSO/LANGNES | 6941N | 01855E | 10 | | 995.9 | 997.0 | .0 | .6 | 5.1 | .2 | 20 | 148 | 43 | 5 | | |
| 01028 BJORNOYA | 7431N | 01901E | 16 | | 994.1 | 996.1 | -3.8 | -.1 | 3.8 | -.4 | 14 | 52 | 19 | 5 | | |
| 01098 VARDØ | 7022N | 03106E | 15 | | 997.3 | 999.0 | -1.8 | -.5 | 4.5 | -.4 | 15 | 72 | 13 | 5 | | |
| 01152 BODØ VI | 6715N | 01422E | 20 | | 997.3 | 998.9 | 2.5 | 1.3 | 5.4 | .2 | 22 | 149 | 49 | 4 | 5 | |
| 01241 ORLAND III | 6342N | 00936E | 7 | | 1003.9 | 1004.9 | 3.7 | 1.1 | 6.9 | .7 | 26 | 136 | 37 | 5 | | |
| 01317 BERGEN/FLORIDA | 6023N | 00520E | 36 | | 1007.5 | 1011.9 | 4.8 | .1 | 7.2 | .2 | 25 | 367 | 108 | 5 | | |
| 01384 OSLO/GARDERMOEN | 6012N | 01105E | 204 | | 985.0 | 1010.2 | .5 | 2.0 | 4.8 | -.3 | 6 | 31 | -58 | 1 | | |
| 01415 STAVANGER/SOLA | 5853N | 00538E | 9 | | 1012.2 | 1013.3 | 5.5 | .9 | 7.1 | -.2 | 20 | 139 | 3 | 3 | | |
| SWEDEN | | | | | | | | | | | | | | | | |
| 02080 KARESUANDO | 6826N | 02230E | 325 | | 959.2 | 1000.2 | -8.4 | .7 | 3.1 | -.1 | 13 | 36 | 2 | 4 | 25 | |
| 02128 GUNNARN | 6458N | 01742E | 281 | | 968.2 | 1003.1 | -3.5 | 2.1 | 4.4 | .6 | 12 | 33 | -15 | 2 | | |
| 02196 HAPARANDA | 6550N | 02409E | 6 | | 1002.4 | 1003.1 | -4.2 | .0 | 4.2 | -.2 | 13 | 65 | 6 | 4 | 56 | |
| 02226 FROSON | 6312N | 01430E | 360 | | 959.8 | 1005.8 | -.1 | 2.1 | 5.4 | .7 | 7 | 28 | -3 | 3 | 38 | |
| 02366 TIMRA/MIDLANDA | 6231N | 01727E | 7 | | 1005.4 | 1005.9 | -.1 | 1.9 | 5.2 | .2 | 9 | 26 | -29 | 1 | | |
| 02418 KARLSTAD FLYGPLATS | 5922N | 01328E | 50 | | 997.0 | 1010.2 | 2.5 | 1.3 | 5.7 | -.5 | 8 | 40 | -31 | 2 | 82 | 146 |
| 02512 GÖTEBORG/SAVE | 5747N | 01153E | 16 | | 1010.2 | 1012.4 | 3.7 | .0 | 6.9 | -.3 | 10 | 44 | -40 | 1 | 86 | 148 |
| 02550 JONKÖPING/AXAMÖ | 5745N | 01405E | 218 | | 984.2 | 1012.1 | 1.5 | .0 | 5.8 | -.6 | 10 | 62 | -4 | 2 | | |
| 02590 VISBY FLYGPLATS | 5740N | 01821E | 41 | | 1003.9 | 1009.9 | 3.9 | .0 | 6.7 | -.6 | 9 | 36 | -21 | 1 | 68 | 142 |
| FINLAND | | | | | | | | | | | | | | | | |
| 02801 KILPISJARVI | 6903N | 02047E | 476 | | 941.5 | 1000.2 | -6.6 | | 3.4 | | 16 | 62 | | 5 | | |
| 02805 KEVO | 6945N | 02702E | 101 | | 988.2 | 1000.7 | -9.3 | | 3.0 | | 11 | 33 | | 4 | 18 | |
| 02836 SODANKYLÄ | 6722N | 02639E | 179 | | 980.6 | 1002.9 | -8.0 | -.6 | 3.2 | | 10 | 28 | -11 | 2 | 34 | |
| 02869 KUUSAMO | 6558N | 02911E | 263 | | 971.6 | 1004.6 | -7.4 | -1.2 | 3.4 | | 9 | 31 | -16 | 1 | | |
| 02875 OULU | 6456N | 02522E | 15 | | 1001.0 | 1002.8 | -3.8 | -.7 | 4.1 | | 4 | 17 | -14 | 1 | 40 | |
| 02897 KAJAANI | 6417N | 02741E | 136 | | 989.8 | 1006.5 | -5.1 | -1.3 | 3.8 | | 7 | 21 | -21 | 1 | | |
| 02929 JOENSUU | 6240N | 02938E | 117 | | 991.5 | 1006.4 | -4.0 | -1.3 | 4.4 | | 12 | 55 | 1 | 3 | | |
| 02935 JYVASKYLÄ | 6224N | 02541E | 145 | | 988.1 | 1005.5 | -2.7 | -.5 | 4.6 | | 9 | 54 | -5 | 3 | 44 | |
| 02942 NIINISALO | 6151N | 02228E | 136 | | 990.6 | 1006.2 | -1.4 | -.1 | 4.9 | | 4 | 25 | -34 | 1 | | |
| 02963 JOKIOINEN | 6049N | 02330E | 103 | | 993.3 | 1006.2 | -.7 | -.3 | 5.2 | | 7 | 38 | -17 | 2 | 54 | 154 |
| 02972 TURKU | 6031N | 02216E | 59 | | 999.3 | 1006.6 | .2 | -.4 | 5.2 | | 11 | 62 | -9 | 3 | 53 | 129 |
| 02974 HELSINKI-VANTAA | 6019N | 02458E | 56 | | 999.0 | 1006.0 | -.1 | -.2 | 5.0 | | 11 | 56 | -16 | 2 | 55 | 153 |
| UNITED KINGDOM | | | | | | | | | | | | | | | | |
| 03005 LERWICK | 6008N | 00111W | 84 | | 1002.1 | 1012.2 | 5.7 | .6 | 7.7 | | 23 | 160 | 17 | 4 | 24 | 77 |
| 03026 STORNOWAY | 5813N | 00619W | 13 | | 1014.1 | 1015.9 | 7.3 | 1.5 | 9.0 | | 23 | 115 | -18 | 2 | 35 | 81 |
| 03066 KINLOSS | 5739N | 00334W | 7 | | 1016.2 | 1016.8 | 7.4 | 2.0 | 8.5 | | 13 | 60 | -2 | 3 | 44 | 90 |
| 03091 ABERDEEN/DYCE AIRPORT | 5712N | 00213W | 65 | | 1009.1 | 1017.2 | 6.7 | 1.7 | 8.2 | | 8 | 48 | -27 | 2 | 71 | 115 |
| 03100 TIRRE | 5630N | 00653W | 12 | | 1018.0 | 1019.1 | 8.7 | 1.6 | 9.8 | | 24 | 149 | 26 | 4 | 20 | 42 |
| 03162 ESKDALEMUIR | 5519N | 00312W | 242 | | 990.9 | 1020.7 | 5.9 | 1.8 | 8.5 | | 19 | 137 | -15 | 3 | 41 | 75 |
| 03257 LEEMING | 5418N | 00132W | 40 | | 1017.2 | 1021.1 | 7.4 | 1.5 | 8.7 | | 7 | 31 | -22 | 2 | 71 | 111 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| 03302 VALLEY | 5315N | 00432W | 11 | | 1022.2 | 1023.5 | 9.7 | 1.6 | 9.9 | | 11 | 47 | -52 | 1 | 45 | 68 |
| 03334 MANCHESTER AIRPORT | 5321N | 00217W | 68 | | 1014.4 | 1022.9 | 7.9 | 1.6 | 9.1 | | 13 | 62 | -16 | 3 | 41 | 68 |
| 03377 WADDINGTON | 5310N | 00031W | 68 | | 1014.0 | 1022.5 | 7.3 | 1.3 | 8.8 | | 10 | 28 | -27 | 1 | 74 | 114 |
| 03502 ABERPORTH | 5208N | 00434W | 133 | | 1008.2 | 1024.6 | 9.1 | 1.6 | 10.2 | | 16 | 88 | -4 | 3 | 40 | 63 |
| 03740 LYNEHAM | 5130N | 00159W | 145 | | 1006.6 | 1024.5 | 7.3 | 1.0 | 9.3 | | 8 | 34 | -29 | 1 | 77 | 108 |
| 03797 MANSTON | 5121N | 00121E | 55 | | 1018.1 | 1023.5 | 8.2 | .9 | 9.6 | | 13 | 52 | -13 | 3 | 97 | 135 |
| 03808 CAMBORNE | 5013N | 00519W | 88 | | 1015.6 | 1026.3 | 9.7 | | 10.2 | | 11 | 60 | | 2 | 79 | 105 |
| 03862 BOURNEMOUTH AIRPORT | 5047N | 00150W | 11 | | 1023.7 | 1025.0 | 7.5 | .5 | 9.2 | | 7 | 35 | -49 | 1 | | |
| 03917 BELFAST/ALDERGROVE AIRPORT | 5439N | 00613W | 81 | | 1013.6 | 1022.0 | 8.1 | 2.1 | 9.7 | | 12 | 43 | -35 | 1 | 44 | 75 |
| IRELAND | | | | | | | | | | | | | | | | |
| 03953 VALENTIA OBSERVATORY | 5156N | 01015W | 30 | | 1023.2 | 1026.9 | 10.2 | 1.1 | 11.2 | 1.4 | 16 | | | 1 | 41 | 75 |
| 03955 CORK AIRPORT | 5151N | 00829W | 162 | | 1006.2 | 1026.1 | 9.0 | 1.7 | 10.3 | 1.0 | 9 | 31 | -78 | 0 | 68 | 105 |
| 03957 ROSSLARE | 5215N | 00620W | 25 | | 1021.8 | 1024.9 | 9.6 | 1.2 | 10.5 | 1.0 | 10 | 38 | -60 | 1 | 84 | 110 |
| 03962 SHANNON AIRPORT | 5242N | 00855W | 20 | | 1022.9 | 1025.3 | 9.6 | 2.0 | 11.1 | 1.9 | 13 | 64 | -31 | 2 | 40 | 65 |
| 03967 CASEMENT AERODROME | 5318N | 00626W | 93 | | 1012.5 | 1024.0 | 7.9 | | 10.0 | | 8 | 35 | | | 46 | 70 |
| 03969 DUBLIN AIRPORT | 5326N | 00615W | 85 | | 1013.4 | 1024.0 | 7.8 | .7 | 9.6 | .9 | 10 | 41 | -23 | 2 | 57 | 80 |
| 03973 CONNAUGHT AIRPORT | 5345N | 00849W | 209 | | 998.2 | 1023.9 | 7.5 | | 9.8 | | 10 | 90 | | | 32 | |
| 03976 BELMULLET | 5414N | 01000W | 10 | | 1022.2 | 1023.4 | 10.0 | 2.0 | 11.0 | 1.9 | 17 | 106 | -21 | 2 | 47 | 90 |
| 03980 MALIN HEAD | 5522N | 00720W | 25 | | 1021.1 | | 9.3 | 1.5 | 10.1 | 1.4 | 18 | 122 | 7 | 3 | 23 | 50 |
| ICELAND | | | | | | | | | | | | | | | | |
| 04018 KEFLAVIKURFLUGVOLLUR | 6358N | 02236W | 54 | | 996.7 | 1002.8 | 2.3 | | 5.8 | | 19 | 130 | | 4 | | |
| 04030 REYKJAVIK | 6408N | 02156W | 61 | | 995.4 | 1003.0 | 1.8 | .7 | 5.7 | .2 | 19 | 80 | 8 | 3 | 19 | |
| 04063 AKUREYRI | 6541N | 01805W | 27 | | 997.7 | 1001.1 | 1.1 | 1.5 | 5.2 | .1 | 10 | 60 | 6 | 4 | 8 | |
| 04082 AKURNES | 6418N | 01513W | 21 | | 1000.4 | 1003.0 | 1.2 | | 5.3 | | 11 | 115 | | 6 | | |
| GREENLAND | | | | | | | | | | | | | | | | |
| 04210 UPERNAVIK | 7247N | 05610W | 122 | | | 1000.8 | -8.4 | | 1.9 | | | | | | | |
| 04220 AASIAAT (EGEDESMINDE) | 6842N | 05251W | 41 | | | 1000.6 | -5.4 | .5 | 2.9 | | 16 | 62 | 24 | | | |
| 04250 NUUK (GODTHAAB) | 6410N | 05145W | 70 | | | 1001.3 | -2.6 | 1.0 | 3.8 | | | | | | | |
| 04312 STATION NORD AWS | 8136N | 01641W | 36 | | | 1009.1 | -23.2 | 2.7 | .6 | | | | | | | |
| 04320 DANMARKSHAVN | 7646N | 01840W | 12 | | | 1006.5 | -18.3 | 1.6 | .8 | | 3 | 17 | 5 | | | |
| 04339 ILLOQQORTOORMIUT (SCORESBYSU) | 7029N | 02157W | 69 | | | 1002.8 | -10.7 | | 2.1 | | 13 | 45 | 26 | | | |
| 04360 TASIILAQ (AMASSALIK) | 6536N | 03738W | 52 | | | 999.3 | -4.2 | .5 | 3.3 | | 13 | 213 | 117 | | | |
| 04390 PRINS CHRISTIAN SUND | 6003N | 04310W | 75 | | | 1003.2 | -.6 | .6 | 3.8 | | 15 | 233 | 0 | | | |
| DENMARK & FAROE IS. | | | | | | | | | | | | | | | | |
| 06011 THORSHAVN | 6201N | 00646W | 55 | | | 1008.5 | 5.0 | .2 | 6.9 | | 22 | 158 | 15 | | | |
| 06030 AALBORG | 5706N | 00951E | 13 | | | 1013.5 | 5.0 | .6 | 7.4 | | 11 | 39 | | | | |
| 06186 KOEBENHAVN/LANDBOHOEJTSKOLEN | 5541N | 01233E | 7 | | | 1014.6 | 5.2 | | 7.9 | | 8 | 40 | | | | |
| 06190 ROENNE | 5504N | 01445E | 16 | | | 1014.6 | 5.8 | .1 | 8.2 | | 14 | 55 | | | | |
| NETHERLANDS | | | | | | | | | | | | | | | | |
| 06235 DE KOOY | 5255N | 00447E | 14 | | 1020.3 | 1020.4 | 8.9 | 1.8 | 9.6 | .9 | 15 | 74 | -17 | 2 | 65 | 120 |
| 06260 DE BILT | 5206N | 00511E | 15 | | 1021.1 | 1021.4 | 7.1 | 1.2 | 9.3 | .9 | 13 | 85 | 4 | 3 | 63 | 115 |
| BELGIUM | | | | | | | | | | | | | | | | |
| 06447 UCCLLE | 5048N | 00421E | 104 | | 1010.4 | 1022.9 | 6.2 | .2 | 8.6 | .1 | 13 | 100 | 22 | 4 | 71 | 111 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| LUXEMBOURG | | | | | | | | | | | | | | | | |
| 06590 LUXEMBOURG/LUXEMBOURG | 4937N | 00613E | 379 | | 977.6 | 1023.8 | 4.3 | | 7.1 | | 12 | 77 | -6 | 3 | 95 | 173 |
| SWITZERLAND | | | | | | | | | | | | | | | | |
| 06660 ZURICH (TOWN/VILLE). | 4723N | 00834E | 569 | | 955.1 | 1024.1 | 2.9 | -1.1 | 6.5 | -0.2 | 13 | 99 | 17 | 4 | 52 | 90 |
| 06680 SAENTIS | 4715N | 00921E | 2500 | | 749.8 | 3039 Z | -4.2 | -0.2 | 3.1 | 0 | 13 | 363 | 152 | 6 | 141 | 107 |
| 06700 GENEVE-COINTRIN | 4615N | 00608E | 416 | | 973.6 | 1024.4 | 4.3 | -0.7 | 6.7 | -0.1 | 7 | 35 | -53 | 1 | 59 | 98 |
| 06770 LUGANO | 4600N | 00858E | 276 | | 986.5 | 1019.9 | 7.9 | 1.1 | 6.9 | -0.3 | 3 | 18 | -108 | 1 | 159 | 146 |
| FRANCE | | | | | | | | | | | | | | | | |
| 07005 ABBEVILLE | 5008N | 00150E | 77 | | 1014.5 | 1024.1 | 6.9 | | 9.0 | | 13 | 105 | | | 83 | 110 |
| 07015 LILLE | 5034N | 00306E | 52 | | 1017.5 | 1023.3 | 6.9 | | 8.9 | | 12 | 89 | | | 74 | 110 |
| 07020 LA HAGUE | 4943N | 00156E | 9 | | 1023.3 | 1025.0 | 11.2 | | 10.7 | | 7 | 35 | | | | |
| 07027 CAEN | 4911N | 00027W | 78 | | 1016.9 | 1025.2 | 8.1 | .6 | 9.3 | | 10 | 50 | -34 | 2 | 79 | 94 |
| 07037 ROUEN | 4923N | 00111E | 157 | | 1006.2 | 1024.8 | 6.4 | | 8.9 | | 14 | 89 | | | 81 | 100 |
| 07070 REIMS | 4918N | 00402E | 99 | | 1012.6 | 1023.8 | 5.3 | | 8.4 | | 11 | 65 | | | 83 | 115 |
| 07100 OUESSANT | 4828N | 00508W | 35 | | 1018.1 | 1026.5 | 11.0 | | 10.8 | | 6 | 31 | | | | |
| 07110 BREST | 4827N | 00425W | 99 | | 1015.0 | 1026.7 | 8.8 | -0.1 | 10.1 | | 10 | 71 | -49 | 1 | 105 | 131 |
| 07117 PLOUMANACH | 4850N | 00328W | 71 | | 1018.8 | 1026.1 | 10.5 | | 10.3 | | 13 | 49 | | | | |
| 07130 RENNES | 4804N | 00144W | 37 | | 1020.5 | 1025.8 | 7.9 | | 9.3 | | 5 | 31 | | | 112 | 130 |
| 07139 ALENCON | 4827N | 00007E | 144 | | 1007.2 | 1024.9 | 6.5 | | 8.6 | | 7 | 39 | | | 103 | 140 |
| 07149 PARIS-ORLY | 4844N | 00224E | 96 | | 1013.3 | 1024.4 | 6.5 | | 8.7 | | 10 | 47 | | | | |
| 07180 NANCY/ESSEY | 4841N | 00613E | 217 | | 997.4 | 1023.7 | 4.5 | -0.4 | 7.4 | | 13 | 85 | 21 | 4 | 82 | 141 |
| 07190 STRASBOURG | 4833N | 00738E | 154 | | 1004.6 | 1023.6 | 4.1 | -0.8 | 7.3 | | 13 | 55 | 9 | 4 | 85 | 149 |
| 07207 LE TALUT | 4718N | 00313W | 43 | | 1021.5 | 1026.8 | 9.8 | | 9.9 | | 7 | 18 | | | | |
| 07222 NANTES | 4710N | 00136W | 27 | | 1022.5 | 1025.7 | 7.4 | -0.9 | 9.0 | | 10 | 38 | -48 | 1 | 109 | 120 |
| 07255 BOURGES | 4704N | 00222E | 166 | | 1004.0 | 1024.6 | 5.2 | -1.3 | 7.9 | | 7 | 43 | -16 | 2 | 105 | 136 |
| 07265 AUXERRE | 4748N | 00333E | 212 | | 998.2 | 1024.4 | 4.6 | | 7.9 | | 10 | 64 | | | 88 | 120 |
| 07280 DIJON | 4716N | 00505E | 227 | | 996.1 | 1024.2 | 3.8 | -1.5 | 7.1 | | 12 | 43 | -21 | 2 | 92 | 137 |
| 07299 BALE-MILHOUSE | 4736N | 00731E | 271 | | 990.3 | 1024.0 | 3.4 | | 7.1 | | 13 | 57 | | | 73 | 90 |
| 07314 CHASSIRON | 4602N | 00125W | 22 | | 1022.3 | 1025.2 | 9.3 | | 9.9 | | 5 | 23 | | | | |
| 07335 POITIERS | 4635N | 00019E | 129 | | 1010.6 | 1025.3 | 5.5 | | 8.3 | | 7 | 31 | | | 95 | 110 |
| 07434 LIMOGES | 4552N | 00111E | 402 | | 975.7 | 1024.6 | 4.9 | | 7.7 | | 13 | 58 | | | 90 | 80 |
| 07460 CLERMONT-FERRAND | 4547N | 00310E | 332 | | 984.1 | 1024.5 | 4.3 | | 7.2 | | 7 | 23 | | | 73 | 75 |
| 07471 LE BUY | 4505N | 00346E | 833 | | 924.8 | | 2.2 | | 6.2 | | 4 | 19 | | | 83 | |
| 07481 LYON/SATOLAS | 4544N | 00505E | 248 | | 994.2 | 1023.8 | 4.5 | | 7.4 | | 8 | 29 | | | 71 | |
| 07510 BORDEAUX/MERIGNAC | 4450N | 00042W | 61 | | 1017.6 | 1025.2 | 7.6 | | 8.7 | | 9 | 47 | -47 | 1 | 98 | 95 |
| 07535 GOURDON | 4445N | 00124E | 264 | | 992.4 | 1024.4 | 5.5 | | 8.0 | | 10 | 56 | | | 91 | 90 |
| 07558 MILLAU | 4407N | 00301E | 720 | | 937.1 | 1022.9 | 4.2 | | 7.0 | | 7 | 38 | | | 104 | 95 |
| 07560 MONT AIGOUAL | 4407N | 00335E | 1567 | | 842.9 | | .7 | | 5.3 | | 8 | 46 | | | | |
| 07591 EMBRUN | 4434N | 00630E | 876 | | 916.7 | | 4.6 | | 5.5 | | 4 | 15 | | | 161 | 105 |
| 07607 MONT-DE-MARSAN | 4355N | 00030W | 63 | | 1018.2 | 1025.3 | 6.6 | | 8.5 | | 7 | 30 | | | 98 | 95 |
| 07630 TOULOUSE/BLAGNAC | 4338N | 00122E | 153 | | 1005.1 | 1024.5 | 7.2 | | 8.6 | | 7 | 29 | -19 | 1 | 80 | 75 |
| 07643 MONTPELLIER | 4335N | 00358E | 6 | | 1019.4 | 1020.4 | 9.6 | | 8.1 | | 6 | 40 | | | 175 | 120 |
| 07661 CAP CEPET | 4305N | 00556E | 136 | | 1000.5 | 1016.8 | 12.0 | | 9.8 | | 6 | 71 | | | | |
| 07690 NICE | 4339N | 00712E | 10 | | 1013.0 | 1016.2 | 12.4 | | 9.2 | | 8 | 83 | -21 | 2 | 161 | 100 |
| 07747 PERPIGNAN | 4244N | 00252E | 48 | | 1015.4 | 1021.2 | 10.7 | | 8.0 | | 5 | 79 | 21 | 4 | 150 | 100 |
| 07761 AJACCIO | 4155N | 00848E | 9 | | 1015.1 | 1016.2 | 12.8 | | 11.0 | | 9 | 38 | -57 | 1 | 147 | 95 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 _c | O _c | mb | mb | | mm | mm | | hr | |
| 07790 BASTIA | 4233N | 00929E | 12 | | 1015.0 | 1016.6 | 12.6 | | 10.3 | | 9 | 119 | | | 165 | 105 |
| SPAIN | | | | | | | | | | | | | | | | |
| 08001 LA CORUNA | 4322N | 00825W | 67 | | 1017.5 | 1025.7 | 12.2 | - .4 | 10.2 | -1.5 | 7 | 21 | -95 | 1 | 171 | 155 |
| 08015 OVIEDO | 4321N | 00552W | 339 | | 984.8 | 1025.8 | 8.4 | -2.4 | 9.5 | - .6 | 11 | 121 | 28 | 4 | 108 | 92 |
| 08023 SANTANDER | 4328N | 00348W | 59 | | 1018.7 | 1025.9 | 11.6 | - .9 | 11.5 | .7 | 14 | 111 | -53 | 2 | 80 | 79 |
| 08027 SAN SEBASTIAN/IGUELDO | 4318N | 00203W | 259 | | 993.2 | 1024.7 | 8.7 | -2.2 | 9.2 | - .8 | 10 | 94 | -81 | 1 | 87 | 86 |
| 08045 VIGO/PEINADOR | 4213N | 00838W | 255 | | 994.7 | 1025.9 | 10.8 | - .3 | 9.3 | -2.1 | | 2 | -201 | 1 | 191 | 165 |
| 08075 BURGOS/VILLAFRIA | 4222N | 00338W | 891 | | 920.8 | 1537 Y | 4.5 | -1.4 | 7.0 | -1.1 | 7 | 44 | -18 | 2 | 99 | 90 |
| 08084 LOGRONO/AGONCILLO | 4227N | 00220W | 363 | | 981.2 | 1025.0 | 8.3 | - .8 | 7.9 | -1.0 | 7 | 28 | -11 | 3 | 130 | 112 |
| 08141 VALLADOLID | 4139N | 00446W | 739 | | 937.3 | 1024.5 | 5.9 | -1.5 | 6.8 | -1.4 | 2 | 5 | -47 | 1 | 178 | 153 |
| 08160 ZARAGOZA/AEROPUERTO | 4140N | 00101W | 258 | | 991.2 | 1022.3 | 9.3 | - .5 | 7.6 | -1.8 | 2 | 11 | -25 | 1 | 178 | 126 |
| 08181 BARCELONA/AEROPUERTO | 4117N | 00204E | 6 | | 1019.0 | 1019.6 | 10.9 | -1.6 | 8.8 | -2.3 | 5 | 69 | -5 | 3 | 156 | 108 |
| 08184 GERONA/COSTA BRAVA | 4154N | 00246E | 129 | | 1003.4 | 1018.9 | 10.0 | - .4 | 9.4 | -1.7 | 3 | 66 | -15 | 3 | 154 | 105 |
| 08202 SALAMANCA/MATACAN | 4057N | 00530W | 795 | | 931.4 | 1025.5 | 4.9 | -2.1 | 6.6 | -2.1 | 1 | 4 | -40 | 1 | 176 | 132 |
| 08221 MADRID/BARAJAS | 4027N | 00333W | 582 | | 953.9 | 1023.2 | 6.8 | -2.1 | 6.5 | -2.3 | 4 | 16 | -43 | 1 | 199 | 135 |
| 08238 TORTOSA | 4049N | 00030E | 50 | | 1013.4 | 1019.4 | 12.4 | -1.1 | 8.7 | -2.1 | 5 | 62 | 2 | 4 | 178 | 113 |
| 08261 CACERES | 3928N | 00620W | 405 | | 975.5 | 1024.0 | 9.7 | -2.0 | 8.8 | -1.1 | 5 | 23 | -51 | 1 | 186 | 125 |
| 08280 ALBACETE/LOS LLANOS | 3857N | 00151W | 704 | | 939.4 | 1022.4 | 7.1 | -1.5 | 8.0 | -1.0 | 7 | 37 | -1 | 3 | 147 | 99 |
| 08284 VALENCIA/AEROPUERTO | 3930N | 00028W | 62 | | 1012.4 | 1019.9 | 12.8 | - .7 | 9.5 | -1.6 | 5 | 44 | -18 | 3 | 158 | 98 |
| 08306 PALMA DE MALLORCA/SON SAN JU | 3933N | 00244E | 8 | | 1018.0 | 1018.6 | 13.0 | - .1 | 12.5 | - .4 | 8 | 126 | 80 | 6 | 137 | 83 |
| 08314 MENORCA/MAHON | 3952N | 00414E | 82 | | 1008.0 | 1018.3 | 13.9 | - .5 | 11.9 | - .9 | 12 | 251 | 174 | 6 | 137 | 90 |
| 08330 BADAJOZ/TALAVERA LA REAL | 3853N | 00649W | 192 | | 999.1 | 1021.3 | 10.8 | -1.3 | 9.8 | -1.4 | 4 | 24 | -67 | 1 | 192 | 119 |
| 08348 CIUDAD REAL | 3859N | 00355W | 629 | | 947.9 | 1022.1 | 8.4 | - .6 | 8.3 | -1.4 | 7 | 52 | -2 | 3 | 156 | 107 |
| 08359 ALICANTE | 3822N | 00030W | 82 | | 1009.8 | 1019.7 | 13.7 | -1.2 | 10.5 | -1.2 | 6 | 37 | -5 | 3 | 142 | 79 |
| 08373 IBIZA/ES CODOLA | 3852N | 00123E | 12 | | 1016.9 | 1019.0 | 14.4 | -1.1 | 12.0 | -1.3 | 9 | 133 | 83 | 5 | 133 | 80 |
| 08391 SEVILLA/SAN PABLO | 3725N | 00554W | 31 | | 1015.7 | 1019.4 | 13.8 | | 11.7 | | 5 | 88 | | 3 | 213 | 120 |
| 08410 CORDOBA/AEROPUERTO | 3751N | 00451W | 92 | | 1010.0 | 1021.0 | 12.2 | - .7 | 10.0 | -1.3 | 3 | 94 | 7 | 4 | 205 | 116 |
| 08433 MURCIA/SAN JAVIER | 3747N | 00048W | 3 | | 1019.2 | 1019.5 | 13.8 | - .5 | | | 8 | 192 | 150 | 5 | 141 | 89 |
| 08451 JEREZ DE LA FRONTERA AERO. | 3645N | 00604W | 28 | | 1017.0 | 1020.3 | 13.9 | - .5 | 11.3 | -1.7 | 3 | 72 | -36 | 3 | 198 | 108 |
| 08482 MALAGA/AEROPUERTO | 3640N | 00429W | 7 | | 1019.0 | 1019.9 | 14.6 | - .5 | 12.6 | .0 | 4 | 66 | -49 | 2 | 151 | 89 |
| 08487 ALMERIA/AEROPUERTO | 3651N | 00223W | 21 | | 1016.2 | 1018.7 | 15.4 | - .8 | 10.9 | -2.1 | 2 | 14 | -17 | 2 | 152 | 82 |
| GIBRALTAR | | | | | | | | | | | | | | | | |
| 08495 GIBRALTAR | 3609N | 00521W | 5 | | 1018.8 | 1019.4 | 15.4 | | | | 5 | 55 | | 1 | 132 | 90 |
| PORTUGAL | | | | | | | | | | | | | | | | |
| 08515 SANTA MARIA (ACORES) | 3658N | 02510W | 100 | | 1013.1 | 1025.2 | 17.0 | | 14.2 | | 4 | 8 | | 0 | | |
| 08535 LISBOA/GEOP | 3843N | 00909W | 95 | | 1009.7 | 1021.2 | 13.4 | -1.1 | 10.4 | -2.4 | 4 | 8 | -106 | 1 | 208 | 132 |
| 08546 PORTO/SERRA DO PILAR | 4108N | 00836W | 100 | | 1011.5 | 1023.7 | 11.2 | -1.1 | 8.9 | -2.8 | | 2 | -150 | 1 | 225 | 162 |
| 08558 EVORA/C. COORD | 3832N | 00754W | 246 | | 991.8 | 1021.6 | 10.7 | | 9.4 | | 4 | 45 | | | 209 | |
| 08575 BRAGANCA | 4148N | 00644W | 692 | | 943.3 | 1026.3 | 6.3 | -1.7 | 7.1 | -1.7 | 1 | 4 | -85 | 1 | | |
| GERMANY | | | | | | | | | | | | | | | | |
| 10055 WESTERMARKELSDORF | 5432N | 01104E | 9 | | 1015.3 | 1016.4 | 6.8 | | 8.2 | | 12 | 47 | | | 70 | 125 |
| 10147 HAMBURG-FUHLBUETTEL | 5338N | 00959E | 15 | | 1016.2 | 1018.0 | 5.3 | .2 | 8.0 | .2 | 12 | 54 | -17 | 2 | 51 | 96 |
| 10162 SCHWERIN | 5339N | 01123E | 68 | | 1009.3 | 1017.8 | 4.6 | | 7.7 | | 12 | 50 | | 3 | 45 | 85 |
| 10170 ROSTOCK-WARNEMUENDE | 5411N | 01205E | 10 | | 1015.0 | 1016.4 | 6.1 | .8 | 8.0 | .1 | 11 | 38 | -14 | 2 | 52 | 100 |
| 10184 GREIFSWALD | 5406N | 01324E | 6 | | 1015.5 | 1016.3 | 4.7 | | 7.6 | | 12 | 39 | | 2 | 51 | 90 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | | SUNSHINE | |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
| | | | | | | | | | | | | | | | | |
| 10200 EMDEN-FLUGPLATZ | 5323N | 00714E | 5 | | 1018.2 | 1018.8 | 7.0 | | 9.4 | | 20 | 104 | | | 48 | 85 |
| 10270 NEURUPPIN | 5254N | 01249E | 39 | | 1012.5 | 1018.1 | 4.4 | | 7.7 | | 10 | 31 | | 2 | 55 | 135 |
| 10280 NEUBRANDENBURG | 5333N | 01312E | 80 | | 1007.3 | 1017.2 | 4.2 | | 7.6 | | 10 | 37 | | | 48 | 90 |
| 10338 HANNOVER | 5228N | 00941E | 59 | | 1011.9 | 1019.3 | 5.6 | .6 | 8.1 | .3 | 11 | 39 | -13 | 2 | 47 | 81 |
| 10361 MAGDEBURG | 5208N | 01136E | 85 | | 1008.9 | 1019.4 | 4.8 | | 7.5 | | 10 | 27 | | 2 | 52 | 90 |
| 10379 POTSDAM | 5223N | 01304E | 100 | | 1006.8 | 1019.2 | 4.0 | -.2 | 7.6 | .2 | 9 | 35 | -12 | 2 | 54 | 100 |
| 10384 BERLIN-TEMPELHOF | 5228N | 01324E | 49 | | 1012.7 | 1018.8 | 4.5 | | 7.5 | | 11 | 48 | | | 44 | 80 |
| 10393 LINDENBERG | 5213N | 01407E | 104 | | 1006.0 | 1019.0 | 3.7 | -.4 | 7.3 | .0 | 10 | 32 | -12 | 2 | 45 | 90 |
| 10438 KASSEL | 5118N | 00927E | 233 | | 993.0 | 1021.8 | 4.2 | .1 | 7.7 | .4 | 14 | 89 | 30 | 5 | 47 | 104 |
| 10453 BROCKEN | 5148N | 01037E | 1153 | | 884.4 | 1468 Y | -1.1 | | 5.5 | | 25 | 155 | | | 38 | 75 |
| 10469 LEIPZIG-SCHKEUDITZ | 5125N | 01214E | 149 | | 1003.6 | 1020.4 | 4.5 | | 7.7 | | 11 | 38 | | 3 | 45 | 90 |
| 10488 DRESDEN-KLOTZSCHE | 5108N | 01345E | 232 | | 991.7 | 1020.4 | 3.6 | | 7.1 | | 11 | 71 | | | 45 | 75 |
| 10499 GOERLITZ | 5110N | 01457E | 240 | | 989.8 | 1019.3 | 3.0 | -.9 | 6.7 | -.3 | 12 | 61 | 10 | 4 | 55 | 96 |
| 10548 MEININGEN | 5034N | 01023E | 453 | | 966.5 | 1021.9 | 2.5 | | 6.8 | | 11 | 77 | | 5 | 51 | 120 |
| 10554 ERFURT-BINDERSLEBEN | 5059N | 01058E | 322 | | 981.5 | 1021.0 | 3.6 | | 7.1 | | 13 | 73 | | | 67 | 110 |
| 10578 FICHTELBERG | 5026N | 01257E | 1215 | | 877.7 | 1466 Y | -2.1 | -1.2 | 5.2 | .0 | 18 | 110 | 22 | 4 | 54 | 90 |
| 10609 TRIER-PETRISBERG | 4945N | 00640E | 273 | | 989.6 | 1020.3 | 4.3 | -.3 | 7.6 | .0 | 11 | 94 | 20 | 5 | 71 | 145 |
| 10628 GEISENHEIM | 4959N | 00757E | 123 | | 1007.5 | 1022.8 | 5.0 | -.1 | 7.3 | -.2 | 9 | 84 | 35 | 5 | 80 | 160 |
| 10727 KARLSRUHE | 4902N | 00822E | 145 | | 1005.4 | 1022.5 | 4.4 | -.9 | 7.4 | -.3 | 13 | 82 | 17 | 4 | 67 | 116 |
| 10738 STUTTGART- ECHTERDINGEN | 4841N | 00914E | 391 | | 975.4 | 1023.3 | 3.2 | | 7.2 | | 14 | 83 | | 5 | 77 | 100 |
| 10763 NUERNBERG | 4930N | 01103E | 318 | | 983.8 | 1023.0 | 2.8 | -1.1 | 6.9 | .0 | 12 | 74 | 30 | 5 | 61 | 107 |
| 10870 MUENCHEN, FLUGHAFEN | 4822N | 01148E | 447 | | 969.0 | 1023.7 | 2.4 | -.4 | 6.5 | .0 | 13 | 73 | 18 | 5 | 60 | 100 |
| 10929 KONSTANZ | 4741N | 00911E | 447 | | 969.3 | 1023.8 | 3.5 | -.8 | 6.9 | -.3 | 11 | 65 | 0 | 4 | 75 | 144 |
| 10946 KEMPTEN | 4743N | 01020E | 705 | | 938.5 | 1023.8 | 1.0 | | 6.1 | | 11 | 105 | | | 80 | 90 |
| 10961 ZUGSPITZE | 4725N | 01059E | 2962 | | 706.1 | 3030 Z | -7.6 | -.5 | 2.3 | -.4 | 15 | 286 | 128 | 5 | 145 | 109 |
| 10962 HOHENPEIßENBERG | 4748N | 01101E | 986 | | 906.1 | 1494 Y | .0 | -2.6 | 5.4 | -.5 | 12 | 102 | 29 | 5 | 81 | 88 |
| AUSTRIA | | | | | | | | | | | | | | | | |
| 11028 ST. POELTEN | 4811N | 01537E | 284 | | 986.8 | 1021.9 | 3.0 | | 6.9 | | 9 | 48 | | 3 | 61 | 120 |
| 11035 WIEN/HOHE WART | 4814N | 01621E | 209 | | 995.1 | 1020.8 | 4.1 | | 6.4 | | 8 | 56 | | 4 | 82 | 150 |
| 11120 INNSBRUCK-FLUGHAFEN | 4716N | 01121E | 593 | | 951.7 | | 1.4 | | 6.1 | | 10 | 101 | | 5 | 90 | 105 |
| 11146 SONNBLICK | 4703N | 01257E | 3111 | | 691.6 | | -9.2 | | 2.4 | | 16 | 131 | 4 | 117 | 105 | |
| 11150 SALZBURG-FLUGHAFEN | 4748N | 01300E | 450 | | 968.6 | | 2.0 | | 6.2 | | 12 | 104 | 5 | 72 | 105 | |
| 11155 FEUERKOGEL | 4749N | 01344E | 1621 | | 836.0 | 1487 Y | -2.1 | | 4.3 | | 15 | 167 | 4 | 87 | 85 | |
| 11212 VILLACHERALPE | 4636N | 01340E | 2160 | | 782.1 | | -3.1 | | 3.5 | | 7 | 58 | 1 | 155 | 135 | |
| 11231 KLAGENFURT-FLUGHAFEN | 4639N | 01420E | 476 | | 964.2 | 1022.8 | 1.2 | | 5.6 | | 5 | 39 | 2 | 133 | 295 | |
| 11240 GRAZ-THALERHOF-FLUGHAFEN | 4700N | 01526E | 347 | | 978.8 | 1021.3 | 3.0 | | 5.9 | | 4 | 9 | 1 | 139 | 200 | |
| CZECH REPUBLIC | | | | | | | | | | | | | | | | |
| 11423 PRIMDA | 4940N | 01240E | 748 | | 932.1 | | .3 | | 6.3 | | 11 | 71 | | 4 | 59 | 135 |
| 11464 MILESOVKA | 5033N | 01356E | 836 | | 920.3 | | -.1 | | 5.8 | | 12 | 44 | 3 | 74 | 120 | |
| 11487 KOCELOVICE | 4928N | 01350E | 522 | | 958.1 | 1021.8 | 1.6 | | 6.1 | | 9 | 38 | 3 | 63 | 125 | |
| 11518 PRAHA/RUZYNE | 5006N | 01415E | 380 | | 976.3 | 1021.2 | 2.4 | -.6 | 6.5 | -.1 | 10 | 30 | -1 | 3 | 75 | 142 |
| 11520 PRAHA-LIBUS | 5000N | 01427E | 303 | | 983.9 | 1021.3 | 2.6 | | 6.5 | | 9 | 31 | 3 | 69 | 130 | |
| 11603 LIBEREC | 5046N | 01501E | 399 | | 971.2 | 1020.6 | 1.6 | | 6.4 | | 14 | 81 | 4 | 34 | | |
| 11659 PRIBYSLAV | 4935N | 01546E | 536 | | 956.2 | 1021.7 | .9 | | 6.0 | | 8 | 50 | 4 | 59 | 135 | |
| 11723 BRNO/TURANY | 4910N | 01642E | 246 | | 990.6 | 1021.1 | 2.3 | -1.2 | 6.1 | -.7 | 6 | 21 | -16 | 2 | 71 | 139 |
| 11782 OSTRAVA/MOSNOV | 4941N | 01807E | 260 | | 988.2 | 1020.3 | 2.6 | -1.1 | 6.5 | -.3 | 9 | 29 | -15 | 2 | 60 | 111 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| SLOVAKIA | | | | | | | | | | | | | | | | |
| 11903 SLIAC | 4839N | 01909E | 315 | | 980.7 | 1019.7 | 1.6 | -1.5 | 5.4 | -1.3 | 6 | 50 | -19 | 2 | 86 | 172 |
| 11934 POPRAD/TATRY | 4904N | 02015E | 695 | | 934.9 | | - .4 | -1.7 | 4.5 | -1.2 | 9 | 32 | -12 | 2 | 100 | 118 |
| POLAND | | | | | | | | | | | | | | | | |
| 12120 LEBA | 5445N | 01732E | 2 | | 1013.1 | 1013.8 | 4.7 | | 7.0 | | 8 | 80 | | 4 | 60 | |
| 12160 ELBLAG | 5410N | 01926E | 43 | | | 1015.9 | | | | | 9 | 100 | | | | |
| 12205 SZCZECIN | 5324N | 01437E | 3 | | 1016.4 | 1017.2 | 4.4 | .0 | 7.7 | .2 | 10 | 48 | | 4 | 57 | 140 |
| 12295 BIALYSTOK | 5306N | 02310E | 151 | | 998.7 | 1016.2 | | | | | 6 | 63 | 17 | | | |
| 12330 POZNAN | 5225N | 01650E | 92 | | 999.9 | 1010.4 | | | | | 18 | 113 | 74 | | | |
| 12375 WARSZAWA-OKECIE | 5210N | 02058E | 107 | | 998.6 | 1011.4 | | | | | 15 | 73 | 32 | | | |
| 12424 WROCLAW II | 5106N | 01653E | 121 | | 996.6 | 1011.0 | | | | | 17 | 88 | 45 | | | |
| 12497 WLODAWA | 5133N | 02332E | 179 | | 996.0 | 1016.8 | | | | | 6 | 80 | | | | |
| 12566 KRAKOW | 5005N | 01948E | 237 | | 989.7 | 1019.3 | 2.2 | -1.0 | 6.1 | -.8 | 4 | 50 | | 4 | 42 | 88 |
| HUNGARY | | | | | | | | | | | | | | | | |
| 12772 MISKOLC | 4805N | 02046E | 236 | | 990.1 | 1019.2 | 2.3 | -1.4 | 5.6 | -1.5 | 6 | 41 | -2 | 3 | 77 | 145 |
| 12843 BUDAPEST/LORINC | 4726N | 01911E | 139 | | 998.3 | 1015.6 | 3.3 | -1.5 | 5.7 | -1.7 | 5 | 30 | -22 | 2 | 83 | 124 |
| 12882 DEBRECEN | 4729N | 02136E | 109 | | 1005.4 | 1019.1 | 2.0 | -2.5 | 5.8 | -1.6 | 6 | 35 | -10 | 3 | 72 | 103 |
| 12942 PECS/POGANY | 4606N | 01814E | 203 | | 995.4 | 1020.6 | 3.5 | -1.6 | 6.2 | -1.3 | 10 | 54 | -2 | 4 | 91 | 112 |
| 12982 SZEGED | 4615N | 02006E | 83 | | 1009.4 | 1019.8 | 2.9 | -2.2 | 6.2 | -1.4 | 5 | 24 | -17 | 2 | 78 | 98 |
| SLOVENIA | | | | | | | | | | | | | | | | |
| 14008 KREDARICA | 4623N | 01351E | 2515 | | 747.2 | 3026 Z | -4.7 | | 3.2 | | 9 | 128 | | 3 | 127 | 115 |
| 14015 LJUBLJANA/BEZIGRAD | 4604N | 01431E | 298 | | 984.8 | 1021.4 | 3.6 | | 6.5 | | 7 | 82 | | 2 | 87 | 155 |
| CROATIA | | | | | | | | | | | | | | | | |
| 14236 ZAGREB/GRIC | 4549N | 01559E | 162 | | 1000.5 | 1020.6 | 4.6 | | 6.5 | | 10 | 95 | | 4 | 104 | 155 |
| 14445 SPLIT/MARJAN | 4331N | 01626E | 128 | | 1005.4 | 1020.4 | | | | | 4 | 47 | | 2 | 248 | 120 |
| BOSNIA AND HERZGOVINA | | | | | | | | | | | | | | | | |
| 14654 SARAJEVO/BEJELAVE | 4352N | 01826E | 638 | | 944.2 | 1020.7 | 2.9 | -2.4 | 6.0 | -.9 | 16 | 154 | 60 | 5 | 60 | 74 |
| YUGOSLAVIA | | | | | | | | | | | | | | | | |
| 13274 BEOGRAD | 4448N | 02028E | 132 | | 1003.7 | 1020.1 | 4.7 | -2.3 | 6.9 | -.8 | 11 | 63 | 9 | 3 | 82 | 92 |
| ROMANIA | | | | | | | | | | | | | | | | |
| 15085 BISTRITA | 4708N | 02430E | 367 | | 973.3 | 1018.5 | 2.1 | -1.1 | 5.6 | -1.2 | 13 | 74 | 27 | 5 | 79 | 101 |
| 15090 IASI | 4710N | 02738E | 104 | | 1003.5 | 1016.5 | 2.8 | -1.5 | 5.9 | -1.4 | 8 | 78 | 43 | 5 | 80 | 110 |
| 15120 CLUJ-NAPOCA | 4647N | 02334E | 413 | | 968.1 | 1018.8 | 1.4 | -1.0 | 5.8 | -.7 | 15 | 43 | 13 | 4 | 75 | 101 |
| 15247 TIMISOARA | 4546N | 02115E | 88 | | 1008.2 | 1019.2 | 3.4 | -2.2 | 6.1 | -1.7 | 10 | 66 | 18 | 4 | 81 | 94 |
| 15260 SIBIU | 4548N | 02409E | 444 | | 963.9 | 1019.0 | 1.6 | -2.1 | 5.8 | -1.1 | 11 | 57 | 23 | 5 | 86 | 104 |
| 15360 SULINA | 4509N | 02940E | 9 | | 1015.1 | 1015.8 | 6.5 | -1.3 | 8.5 | -1.0 | 4 | 17 | -5 | 3 | 119 | 138 |
| 15420 BUCURESTI/IMH | 4430N | 02608E | 91 | | 1004.9 | 1016.1 | 3.3 | -1.9 | 6.1 | -1.7 | 7 | 25 | -24 | 2 | 109 | 125 |
| 15480 CONSTANTA | 4413N | 02838E | 14 | | 1016.1 | 1017.7 | 6.5 | -1.5 | 8.8 | -.6 | 6 | 47 | 5 | 4 | 130 | 129 |
| BULGARIA | | | | | | | | | | | | | | | | |
| 15614 SOFIA (OBSERV.) | 4239N | 02323E | 595 | | 948.0 | 1019.5 | 4.0 | -1.1 | 6.2 | -.7 | 5 | 25 | -28 | 1 | 123 | 128 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| ITALY | | | | | | | | | | | | | | | | |
| 16045 UDINE/RIVOLTO | 4559N | 01302E | 53 | | 1012.7 | 1019.2 | 7.4 | | 7.3 | | 5 | 52 | -55 | 2 | 88 | 75 |
| 16090 VERONA/VILLAFRANCA | 4523N | 01052E | 68 | | 1010.5 | 1018.9 | 5.0 | | 7.7 | | 6 | 59 | -16 | 2 | 112 | 125 |
| 16110 TRIESTE | 4539N | 01345E | 20 | | 1018.0 | 1018.5 | 10.0 | | 7.3 | | 8 | 55 | -58 | 2 | 119 | 120 |
| 16158 PISA/S. GIUSTO | 4341N | 01023E | 6 | | 1017.0 | 1017.3 | 10.3 | | 9.8 | | 9 | 110 | -12 | 3 | 136 | 123 |
| 16325 MARINA DI GINOSA | 4026N | 01653E | 12 | | 1015.0 | 1016.4 | 13.5 | | 12.1 | | 6 | 20 | -31 | 0 | | |
| 16420 MESSINA | 3812N | 01533E | 51 | | 1009.8 | 1016.3 | 16.7 | | 13.8 | | 9 | 84 | -22 | 3 | 133 | 96 |
| MALTA | | | | | | | | | | | | | | | | |
| 16597 LUQA | 3551N | 01429E | 91 | | 1008.8 | 1017.4 | 18.0 | 1.0 | 14.2 | -0.5 | 8 | 39 | -41 | 2 | 164 | 85 |
| GREECE | | | | | | | | | | | | | | | | |
| 16622 THESSALONIKI/MIKRA | 4031N | 02258E | 4 | | 1017.8 | 1018.4 | 10.9 | .0 | 7.8 | -2.6 | 3 | 9 | -48 | 1 | 126 | 108 |
| 16641 KERKYRA (AIRPORT) | 3937N | 01955E | 4 | | 1015.2 | 1015.5 | 14.5 | .3 | 11.8 | -.9 | 11 | 143 | -37 | 3 | 144 | 108 |
| 16648 LARISSA (AIRPORT) | 3938N | 02225E | 74 | | 1008.3 | 1017.3 | 10.3 | -0.5 | 7.6 | -2.8 | 4 | 21 | -37 | 1 | 132 | 105 |
| 16716 ATHINAI (AIRPORT) | 3754N | 02344E | 15 | | 1014.8 | 1016.6 | 14.7 | -0.7 | 12.0 | -.4 | 9 | 159 | 109 | 6 | 124 | 82 |
| 16726 KALAMATA (AIRPORT) | 3704N | 02201E | 8 | | 1015.0 | 1015.9 | 14.0 | -0.7 | 12.5 | -.2 | 12 | 201 | 59 | 4 | 124 | 83 |
| 16746 SOUDA (AIRPORT) | 3529N | 02407E | 151 | | 998.3 | 1016.4 | 15.3 | -0.3 | 13.5 | .7 | 8 | 161 | 89 | 5 | 101 | 66 |
| 16754 HERAKLION (AIRPORT) | 3520N | 02511E | 39 | | 1011.7 | 1016.4 | 16.6 | .0 | 12.4 | -.5 | 10 | 91 | 33 | 4 | 128 | 86 |
| TURKEY | | | | | | | | | | | | | | | | |
| 17022 ZONGULDAK | 4127N | 03148E | 137 | | 1001.4 | 1017.7 | 11.1 | -0.8 | 9.6 | .5 | 17 | 246 | 104 | 5 | 79 | 70 |
| 17030 SAMSUN | 4117N | 03618E | 4 | | 1017.2 | 1017.7 | 12.5 | .0 | 10.3 | .1 | 10 | 94 | 5 | 4 | 114 | 110 |
| 17034 GIRE SUN | 4055N | 03823E | 37 | | 1014.5 | 1018.9 | 12.9 | .3 | 9.6 | -.8 | 12 | 219 | 77 | 5 | | |
| 17040 RIZE | 4102N | 04031E | 9 | | 1016.7 | 1017.8 | 11.9 | .3 | 13.9 | 3.2 | 15 | 508 | 259 | 6 | 67 | 85 |
| 17050 EDIRNE | 4140N | 02634E | 51 | | 1011.6 | 1017.9 | 8.2 | -0.9 | 8.2 | -1.3 | 6 | 62 | -2 | 3 | 98 | 95 |
| 17062 ISTANBUL/GOZTEPE | 4058N | 02905E | 33 | | 1013.3 | 1017.3 | 10.9 | -0.7 | 10.1 | -0.7 | 12 | 150 | 62 | 5 | 77 | 65 |
| 17074 KASTAMONU | 4122N | 03347E | 800 | | 924.5 | 1018.6 | 4.7 | -0.5 | 6.7 | -.2 | 11 | 51 | 22 | 5 | 78 | 65 |
| 17084 CORUM | 4033N | 03457E | 776 | | 927.8 | 1019.1 | 6.0 | -0.2 | 6.9 | .1 | 7 | 48 | 12 | 4 | 107 | 100 |
| 17090 SIVAS | 3945N | 03701E | 1285 | | 873.5 | 1020.7 | 3.8 | -0.8 | 6.4 | .3 | 8 | 26 | -12 | 2 | 107 | 85 |
| 17092 ERZINCAN | 3945N | 03930E | 1218 | | 881.4 | 1021.1 | 5.2 | .2 | 6.5 | .1 | 5 | 11 | -28 | 1 | 126 | 95 |
| 17096 ERZURUM | 3957N | 04110E | 1758 | | 825.1 | 1025.1 | -2.6 | -3.9 | 4.0 | -1.0 | 7 | 40 | 4 | 3 | 112 | 75 |
| 17098 KARS | 4037N | 04306E | 1775 | | 823.4 | 1024.3 | -1.5 | -1.9 | 4.2 | -.8 | 3 | 23 | -2 | 3 | 132 | 95 |
| 17112 CANAKKALE | 4008N | 02624E | 6 | | 1017.3 | 1018.0 | 11.1 | -0.8 | 11.2 | -.1 | 11 | 193 | 105 | 5 | 116 | 80 |
| 17116 BURSA | 4011N | 02904E | 100 | | 1006.3 | 1018.5 | 10.4 | -0.5 | 8.3 | -1.4 | 13 | 140 | 60 | 5 | 70 | 50 |
| 17130 ANKARA/CENTRAL | 3957N | 03253E | 891 | | 915.1 | 1018.6 | 6.9 | -0.2 | 7.5 | .4 | 8 | 65 | 32 | 5 | 112 | 75 |
| 17170 VAN | 3827N | 04319E | 1662 | | 833.3 | 1018.9 | 3.9 | -0.1 | 5.5 | -.1 | 9 | 83 | 41 | 5 | 162 | 95 |
| 17188 USAK | 3841N | 02924E | 919 | | 910.7 | 1017.1 | 7.2 | -0.6 | 7.9 | .1 | 13 | 152 | 94 | 5 | | |
| 17190 AFYON | 3845N | 03032E | 1034 | | 899.1 | 1018.5 | 6.3 | -0.5 | 7.0 | -.1 | 10 | 71 | 41 | 5 | 100 | 65 |
| 17199 MALATYA/BOLGE | 3821N | 03819E | 948 | | 911.8 | 1022.2 | 6.1 | | 5.8 | | 3 | 19 | | 1 | 152 | 95 |
| 17210 SIIRT | 3755N | 04157E | 896 | | 917.1 | 1020.5 | 9.5 | -0.6 | 7.2 | -.3 | 4 | 37 | -44 | 1 | 146 | 95 |
| 17220 IZMIR/GUZELYALT | 3826N | 02710E | 29 | | 1012.6 | 1016.0 | 13.5 | -0.5 | 12.0 | .7 | 13 | 284 | 197 | 6 | 148 | 90 |
| 17240 ISPARTA | 3745N | 03033E | 997 | | 903.6 | 1018.6 | 7.3 | -0.1 | 7.9 | .8 | 10 | 157 | 111 | 5 | 116 | 70 |
| 17244 KONYA | 3758N | 03233E | 1031 | | 899.7 | 1018.9 | 5.9 | -0.3 | 6.9 | -.1 | 4 | 50 | 18 | 4 | 135 | 90 |
| 17250 NIGDE | 3758N | 03441E | 1210 | | 881.2 | 1019.3 | 6.2 | .2 | 6.4 | .3 | 4 | 70 | 40 | 5 | 145 | 95 |
| 17255 KAHRAMANMARAS | 3736N | 03656E | 572 | | 952.5 | 1019.6 | 10.4 | -1.2 | 8.0 | -.5 | 4 | 52 | -25 | 2 | 126 | 85 |
| 17270 SANLIURFA | 3708N | 03846E | 549 | | 954.2 | 1018.1 | 11.6 | -0.9 | 8.7 | .0 | 3 | 42 | 0 | 3 | 179 | 95 |
| 17280 DIYARBAKIR | 3753N | 04012E | 677 | | 940.8 | 1020.7 | 7.0 | -2.4 | 6.1 | -2.1 | 4 | 52 | 0 | 3 | 179 | 110 |
| 17285 HAKKARI | 3734N | 04346E | 1728 | | 828.8 | 1019.9 | 5.0 | -0.1 | 5.4 | -.2 | 7 | 44 | -52 | 1 | 159 | 105 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 _c | O _c | mb | mb | | mm | mm | | hr | |
| 17292 MUGLA | 3713N | 02822E | 646 | | 941.4 | 1016.9 | 10.1 | -.3 | 10.0 | .7 | 16 | 361 | 226 | 6 | 125 | 75 |
| 17300 ANTALYA | 3642N | 03044E | 54 | | 1009.1 | 1016.8 | 14.2 | -.6 | 11.3 | -.1 | 10 | 907 | 758 | 6 | 149 | 75 |
| 17340 MERSIN | 3648N | 03438E | 3 | | 1017.4 | 1017.8 | 15.5 | .5 | 12.2 | .2 | 9 | 117 | 42 | 5 | 166 | 95 |
| 17351 ADANA/BOLGE | 3659N | 03521E | 27 | | 1015.8 | 1019.0 | 13.9 | | 10.9 | | 8 | 88 | | 4 | 151 | 80 |
| CYPRUS | | | | | | | | | | | | | | | | |
| 17609 LARNACA AIRPORT | 3453N | 03338E | 2 | | 1016.9 | 1017.1 | 17.4 | .5 | 12.6 | | 5 | 26 | -17 | | 201 | 91 |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 22113 MURMANSK | 6858N | 03303E | 51 | | 995.4 | 1001.9 | -5.5 | -.5 | 3.6 | -.3 | 9 | 23 | -18 | 3 | 9 | |
| 22165 KANIN NOS | 6839N | 04318E | 49 | | 996.0 | 1002.1 | -2.7 | -.2 | 4.5 | .0 | 15 | 48 | 3 | 3 | 3 | |
| 22550 ARHANGEL'SK | 6430N | 04044E | 8 | | 1005.2 | 1006.2 | -7.1 | -2.5 | 3.7 | -.5 | 11 | 46 | -8 | 2 | 15 | |
| 22602 REBOLY | 6350N | 03049E | 182 | | 981.2 | 1004.2 | -6.0 | -1.8 | 3.6 | -.8 | 10 | 30 | -21 | 4 | 26 | |
| 22837 VYTEGRA | 6101N | 03627E | 56 | | 999.3 | 1006.4 | -3.5 | -.9 | 4.6 | -.2 | 14 | 90 | 31 | 5 | 15 | 58 |
| ESTONIA | | | | | | | | | | | | | | | | |
| 26038 TALLINN | 5923N | 02435E | 34 | | 1002.0 | 1006.6 | 1.1 | -.1 | 5.6 | -.5 | 14 | 87 | 19 | 5 | 34 | 113 |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 26063 ST. PETERBURG | 5958N | 03018E | 6 | | 1005.3 | 1006.1 | -.1 | -.2 | 5.4 | -.2 | 16 | 85 | 30 | 5 | 30 | 111 |
| ESTONIA | | | | | | | | | | | | | | | | |
| 26214 VILSANDI | 5823N | 02149E | 6 | | 1006.4 | 1007.4 | 4.1 | .2 | 6.4 | -.5 | 18 | 87 | 14 | 5 | 51 | 127 |
| 26242 TARTU | 5818N | 02644E | 68 | | 998.8 | 1007.6 | -.2 | -.5 | 5.5 | -.3 | 12 | 71 | 23 | 5 | 30 | 97 |
| LATVIA | | | | | | | | | | | | | | | | |
| 26314 VENTSPILS | 5724N | 02132E | 3 | | 1008.6 | 1009.0 | 4.1 | | 6.4 | | 15 | 91 | | | 51 | 130 |
| 26346 ALUKSNE | 5726N | 02702E | 193 | | 991.9 | 1015.5 | 6.8 | | 9.2 | | 13 | 87 | | | 59 | 70 |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 26477 VELIKIE LUKI | 5621N | 03037E | 106 | | 995.0 | 1008.0 | -.4 | -.3 | 5.4 | -.3 | 11 | 37 | -8 | | 44 | 119 |
| LITHUANIA | | | | | | | | | | | | | | | | |
| 26509 KLAJPEDA | 5544N | 02104E | 7 | | 1009.8 | 1010.7 | 4.3 | .4 | 6.9 | -.2 | 17 | 121 | 31 | 5 | 65 | 163 |
| 26524 SIAULIAI | 5556N | 02319E | 107 | | 996.8 | 1010.2 | 1.6 | | 6.1 | | 14 | 64 | | 4 | 56 | |
| 26629 KAUNAS | 5453N | 02350E | 77 | | 1001.7 | 1011.3 | 2.3 | .5 | 6.2 | -.3 | 16 | 74 | 21 | | 70 | 171 |
| 26730 VILNIUS | 5438N | 02506E | 156 | | 992.1 | 1011.5 | 1.2 | .0 | 6.0 | -.3 | 13 | 64 | 7 | | 52 | 158 |
| BELARUS | | | | | | | | | | | | | | | | |
| 26850 MINSK | 5356N | 02738E | 231 | | 983.7 | 1011.5 | 1.1 | .3 | 5.7 | -.3 | 14 | 55 | 3 | 3 | 45 | 125 |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 27037 VOLOGDA | 5919N | 03955E | 130 | | 991.2 | 1007.6 | -3.2 | .2 | 4.7 | .1 | 14 | 61 | 18 | 5 | 22 | 69 |
| 27199 KIROV | 5836N | 04938E | 158 | | 992.2 | 1012.4 | -3.9 | | 4.4 | | 15 | 69 | | 5 | 24 | 80 |
| 27595 KAZAN' | 5536N | 04917E | 116 | | 999.2 | 1014.3 | -1.4 | 1.7 | 5.1 | .7 | 13 | 76 | 32 | 5 | 23 | 56 |
| 27612 MOSKVA | 5550N | 03737E | 156 | | 989.9 | 1009.4 | -.5 | .7 | 5.4 | .4 | 16 | 66 | 9 | | | |
| UKRAINE | | | | | | | | | | | | | | | | |
| 33345 KYIV | 5024N | 03034E | 167 | | 993.5 | 1014.2 | 2.3 | .2 | 5.8 | -.5 | 11 | 70 | 19 | 5 | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | °C | mb | mb | | mm | mm | | hr | |
| 33393 L'VIV | 4949N | 02357E | 323 | | 977.6 | 1017.2 | 1.4 | -1.1 | 5.6 | -.9 | 15 | 70 | 24 | 4 | 53 | 95 |
| 33506 POLTAVA | 4936N | 03433E | 160 | | 994.6 | 1014.2 | 2.2 | .7 | 6.2 | .0 | 13 | 74 | 25 | 6 | 46 | 78 |
| 33562 VINNYTSIA | 4914N | 02836E | 298 | | 978.7 | 1015.4 | 1.3 | -.6 | 5.6 | -.6 | 10 | 55 | 14 | 5 | 71 | 122 |
| 33587 UMAN' | 4846N | 03014E | 216 | | 988.2 | 1014.9 | 2.0 | -.1 | 5.9 | -.6 | 9 | 75 | 32 | 5 | | |
| 33631 UZHGOROD | 4838N | 02216E | 124 | | 1004.1 | 1018.8 | 2.9 | -1.7 | 5.9 | -1.1 | 11 | 81 | 23 | 4 | 67 | 106 |
| 33658 CHERNIVTSI | 4822N | 02554E | 246 | | 986.6 | | 2.1 | -.8 | 5.5 | -1.0 | 13 | 70 | 34 | 5 | 71 | 104 |
| REPUBLIC OF MOLDOVA | | | | | | | | | | | | | | | | |
| 33815 KISINEV | 4701N | 02859E | 173 | | 993.5 | 1015.7 | 3.1 | -1.3 | 6.1 | -.9 | 9 | 78 | 38 | 5 | 96 | 128 |
| UKRAINE | | | | | | | | | | | | | | | | |
| 33837 ODESA | 4626N | 03046E | 42 | | 1010.3 | 1015.5 | 5.3 | -.5 | 7.1 | -.8 | 8 | | | 4 | 87 | 113 |
| 33846 MIKOLAIV | 4702N | 03157E | 50 | | 1009.0 | 1015.2 | 4.3 | -.1 | 6.7 | -.7 | 10 | 67 | 31 | 5 | | |
| 33889 IZMAIL | 4522N | 02851E | 30 | | 1012.5 | 1016.2 | 4.6 | -1.1 | 6.6 | -1.1 | 7 | 50 | 13 | 4 | 113 | 120 |
| 33910 HENICHES'K | 4610N | 03449E | 15 | | 1013.8 | 1015.6 | 5.6 | .2 | 7.8 | -.3 | 10 | 40 | 9 | 4 | 52 | 78 |
| 33915 ASKANIYA-NOVA | 4627N | 03353E | 30 | | 1012.0 | 1015.7 | 4.9 | .5 | 7.3 | -.2 | | | | | | |
| 33946 SIMFEROPOL' | 4441N | 03408E | 181 | | 994.1 | 1016.2 | 6.3 | .0 | 7.6 | -.4 | 11 | 51 | 7 | 4 | 103 | 90 |
| 33983 KERCH | 4524N | 03625E | 49 | | 1010.3 | 1016.4 | 7.1 | .3 | 8.2 | -.4 | 6 | 41 | 5 | 4 | 81 | 89 |
| 33990 YALTA | 4529N | 03410E | 72 | | 1007.6 | 1016.4 | 8.9 | -.6 | 8.7 | -.4 | 13 | 160 | 92 | 6 | 70 | 71 |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 34123 VORONEZ | 5142N | 03913E | 149 | | 994.4 | 1013.0 | 1.4 | | 5.8 | | 13 | 58 | | 5 | | |
| 34172 SARATOV | 5134N | 04602E | 156 | | 990.2 | 1015.0 | .0 | 1.2 | 5.5 | .4 | 15 | 57 | 0 | 4 | 36 | 60 |
| UKRAINE | | | | | | | | | | | | | | | | |
| 34300 KHARKIV | 4958N | 03608E | 155 | | 994.8 | 1014.1 | 2.1 | .8 | 6.3 | .2 | 10 | 58 | 14 | 5 | 42 | 89 |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 34398 ZHALPAKTAL | 4940N | 04929E | 10 | | 1017.5 | 1018.8 | .2 | .8 | 6.3 | 1.1 | 10 | 33 | 3 | | | |
| UKRAINE | | | | | | | | | | | | | | | | |
| 34519 DONETS'K | 4804N | 03746E | 225 | | 988.0 | 1015.6 | 2.6 | .6 | 6.5 | | 15 | 79 | 37 | 5 | | |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 34880 ASTRAHAN' | 4617N | 04803E | -23 | | 1021.7 | 1019.1 | 5.7 | 2.5 | 7.7 | 1.1 | 6 | 32 | 15 | 5 | | |
| ARMENIA | | | | | | | | | | | | | | | | |
| 37686 GUMRI | 4047N | 04350E | 1529 | | 848.0 | 1503 Y | -.1 | | 4.8 | | 5 | 33 | 4 | 130 | 95 | |
| 37789 YEREVAN | 4008N | 04428E | 907 | | 893.0 | 1513 Y | 5.0 | | 5.9 | | 3 | 26 | 3 | 148 | 105 | |
| UZBEKISTAN | | | | | | | | | | | | | | | | |
| 38178 AK-BAJTAL | 4309N | 06420E | 234 | | 993.5 | 1022.3 | 5.0 | 1.6 | 8.3 | 3.0 | 6 | 25 | 14 | 4 | 107 | 68 |
| SYRIAN ARAB REPUBLIC | | | | | | | | | | | | | | | | |
| 40001 KAMISHLI | 3703N | 04113E | 455 | | 965.6 | 1018.8 | 12.8 | -.8 | 7.3 | -1.5 | 1 | 61 | 24 | 0 | | |
| 40007 ALEPPO INT. AIRPORT | 3611N | 03712E | 384 | | 971.7 | 1017.2 | 11.2 | -1.1 | 7.8 | -1.8 | 4 | 47 | 11 | 5 | | |
| 40022 LATTAKIA | 3532N | 03546E | 7 | | 1017.1 | 1018.2 | 16.3 | -1.2 | 11.2 | -.7 | 10 | 99 | 4 | 4 | 192 | 100 |
| 40030 HAMA | 3507N | 03645E | 303 | | 981.6 | 1017.7 | 11.9 | -.8 | 9.6 | -.1 | | 35 | -5 | 0 | | |
| 40045 DEIR EZZOR | 3519N | 04009E | 212 | | 994.0 | 1019.2 | 12.7 | -.6 | 7.4 | -1.5 | 3 | 5 | -7 | | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | % | | |
| 40061 PALMYRA | 3433N | 03818E | 404 | | 970.2 | 1017.8 | 12.8 | - .4 | 9.0 | .3 | 1 | 48 | 34 | | 208 | 98 |
| 40080 DAMASCUS INT. AIRPORT | 3325N | 03631E | 609 | | 946.9 | 1017.7 | 11.7 | - .1 | 6.9 | -1.4 | 1 | 2 | -19 | 1 | 187 | 90 |
| LEBANON | | | | | | | | | | | | | | | | |
| 40100 BEYROUTH (AEROPORT) | 3349N | 03529E | 19 | | 1014.1 | 1017.2 | 19.8 | 1.1 | 12.8 | | 10 | 115 | 15 | 3 | 145 | |
| 40103 TRIPOLI | 3427N | 03548E | 5 | | 1017.1 | 1017.8 | 17.6 | | 15.3 | | 10 | 228 | | 6 | | |
| ISRAEL | | | | | | | | | | | | | | | | |
| 40180 BEN-GURION INT. AIRPORT | 3200N | 03454E | 49 | | 1011.8 | 1016.6 | 18.8 | | 13.8 | | 7 | 69 | | 3 | | |
| 40199 EILAT | 2933N | 03457E | 12 | | 1016.1 | 1016.4 | 21.3 | .2 | 11.0 | | 0 | 0 | -4 | 3 | 255 | 95 |
| JORDAN | | | | | | | | | | | | | | | | |
| 40310 MA'AN | 3010N | 03547E | 1070 | | 896.5 | 1515 Y | 13.4 | - .1 | 8.1 | - .1 | 1 | 4 | 0 | 4 | 233 | 95 |
| ASIA | | | | | | | | | | | | | | | | |
| RUSSIAN FEDERATION (IN ASIA) | | | | | | | | | | | | | | | | |
| 20069 OSTROV VIZE | 7930N | 07659E | 10 | | 993.5 | 994.8 | -14.1 | 6.7 | 2.1 | .8 | 10 | 29 | 16 | 5 | | |
| 20292 GMO IM. E. K. FEDOROVA | 7743N | 10418E | 15 | | 998.7 | 1000.7 | -16.7 | 6.0 | 1.6 | .6 | 4 | 11 | -2 | 3 | | |
| 20674 OSTROV DIKSON | 7330N | 08024E | 47 | | 995.3 | 1001.4 | -12.6 | 6.3 | 2.4 | .9 | 13 | 37 | 15 | 5 | 0 | |
| 20891 HATANGA | 7159N | 10228E | 33 | | 1002.2 | 1006.6 | -16.0 | | 1.7 | .9 | 8 | 24 | 4 | | 0 | |
| 21432 OSTROV KOTEL'NYJ | 7600N | 13552E | 9 | | 1007.3 | 1008.4 | -20.4 | 2.8 | 1.2 | .3 | 1 | 6 | -3 | | 0 | |
| 21946 CHOKURDAH | 7037N | 14753E | 61 | | 1004.0 | 1012.4 | -24.0 | 2.9 | .8 | .1 | | 22 | 5 | | | |
| 23205 NAR' JAN-MAR | 6738N | 05302E | 12 | | 1005.3 | 1006.9 | -11.9 | -2.2 | 2.2 | - .9 | 9 | 33 | -4 | 3 | 22 | |
| 23330 SALEHARD | 6632N | 06640E | 16 | | 1009.7 | 1011.7 | -16.8 | -1.3 | 1.9 | - .1 | 6 | 36 | 9 | | 24 | |
| 23472 TURUHANSK | 6547N | 08756E | 38 | | 1011.0 | 1016.0 | -14.8 | 3.8 | 2.2 | .6 | 16 | 71 | 25 | 5 | 16 | |
| 23552 TARKO-SALE | 6455N | 07749E | 27 | | 1011.5 | 1015.1 | -14.4 | 1.8 | 2.3 | .3 | 12 | 48 | 9 | 6 | 12 | |
| 23724 NJAKSIMVOL' | 6226N | 06052E | 51 | | 1007.8 | 1014.8 | -14.6 | -3.4 | 2.1 | - .5 | 10 | 34 | -6 | | 65 | |
| 23804 SYKTYVKAR | 6143N | 05050E | 119 | | 995.6 | 1010.9 | -7.5 | -1.1 | 3.5 | - .2 | 12 | 55 | 8 | 4 | 19 | 86 |
| 23884 BOR | 6136N | 09001E | 58 | | 1012.6 | 1020.2 | -11.2 | 3.4 | 3.1 | .9 | 15 | 57 | -2 | 3 | 36 | 113 |
| 23933 HANTY-MANSIJSK | 6101N | 06902E | 46 | | 1011.5 | 1017.6 | -9.6 | 1.0 | 3.0 | .1 | 13 | 45 | 4 | | 21 | 48 |
| 24125 OLENEK | 6830N | 11226E | 220 | | 981.0 | 1010.9 | -20.5 | 8.0 | 1.4 | .8 | 9 | 19 | 1 | | 9 | |
| 24143 DZARDZAN | 6844N | 12400E | 39 | | 1006.6 | 1012.0 | -24.5 | 5.7 | 1.0 | .5 | 13 | 28 | 9 | | | |
| 24266 VERHOJANSK | 6733N | 13323E | 137 | | 996.0 | 1015.7 | -34.7 | 2.0 | .4 | .1 | 5 | 12 | 2 | | 31 | |
| 24507 TURA | 6416N | 10014E | 168 | | 992.6 | 1017.3 | -14.6 | | 1.8 | .8 | 8 | 26 | 0 | 1 | 25 | |
| 24641 VILJUJSK | 6346N | 12137E | 111 | | 997.9 | 1013.0 | -20.0 | 7.2 | 1.4 | .6 | 10 | 39 | 21 | | 30 | |
| 24688 OJMJAKON | 6315N | 14309E | 741 | | 920.7 | 1022.4 | -34.0 | 3.2 | .3 | .0 | 3 | 11 | 0 | | 85 | |
| 24738 SUNTAR | 6209N | 11739E | 133 | | 995.7 | 1014.5 | -15.7 | 8.0 | 2.3 | 1.2 | 14 | 41 | 23 | | 45 | |
| 24817 ERBOGACEN | 6116N | 10801E | 291 | | 980.5 | 1018.7 | -13.1 | 8.0 | 2.3 | 1.0 | 11 | 40 | 15 | | 78 | 134 |
| 24959 JAKUTSK | 6201N | 12943E | 101 | | 999.7 | 1013.6 | -23.0 | 6.2 | 1.0 | .4 | 7 | 25 | 10 | | 55 | |
| 25173 MYS SHMIDTA | 6854N | 17922W | 4 | | 1012.5 | 1013.0 | -14.6 | 2.0 | 1.8 | .1 | 3 | 10 | -39 | | | |
| 25325 UST' -OLOJ | 6633N | 15925E | 127 | | 995.0 | 1012.4 | -21.4 | 6.5 | 1.0 | .3 | 12 | 27 | 5 | | 10 | |
| 25399 MYS UELEN | 6610N | 16950W | 3 | | 1009.2 | 1009.6 | -9.7 | - .5 | 2.6 | - .3 | 5 | 12 | -31 | | 13 | |
| 25400 ZYRJANKA | 6544N | 15054E | 43 | | 1007.8 | 1013.8 | -26.2 | 2.1 | .7 | .1 | 8 | 29 | 8 | | 42 | |
| 25703 SEJMCCHAN | 6255N | 15225E | 205 | | 984.2 | 1013.0 | -24.8 | 4.4 | .7 | .1 | 10 | 28 | 0 | 3 | 52 | |
| 25744 KAMENSKOE | 6226N | 16605E | 10 | | | | -8.2 | | | | 6 | 19 | -16 | | | |
| 25954 KORF | 6021N | 16600E | 4 | | | | -5.9 | 3.7 | | | 2 | 11 | -34 | | | |
| 28224 PERM' | 5801N | 05618E | 171 | | 994.3 | 1016.2 | -4.6 | | 4.1 | | 16 | 73 | | | 25 | 15 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | | SUNSHINE | |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % OF AV. |
| | | | | | | | | | | | | | | | | |
| 28275 TOBOL'SK | 5809N | 06815E | 50 | | 1013.1 | 1019.3 | -6.1 | 2.2 | 3.7 | .5 | 11 | 40 | 5 | 5 | 49 | 82 |
| 28440 EKATERINBURG | 5650N | 06038E | 283 | | 983.5 | 1018.5 | -4.7 | .9 | 1.1 | -2.3 | 12 | 30 | 0 | 2 | | |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 28679 PETROPAVLOVSK | 5450N | 06909E | 142 | | 1005.0 | 1023.3 | -4.5 | 2.8 | 4.4 | 1.0 | 11 | 38 | 12 | 5 | 50 | 68 |
| RUSSIAN FEDERATION (IN ASIA) | | | | | | | | | | | | | | | | |
| 28698 OMSK | 5501N | 07323E | 122 | | 1007.3 | 1023.0 | -3.4 | 4.1 | 4.4 | 1.1 | 8 | 41 | 13 | | 54 | 76 |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 28879 KOKSHETAY | 5317N | 06923E | 229 | | 995.1 | 1024.3 | -2.5 | 3.6 | 4.5 | 1.1 | 6 | | | 0 | 63 | 72 |
| 28952 KUSTANAI | 5313N | 06337E | 156 | | 1004.5 | 1023.9 | -3.1 | 2.4 | 4.8 | 1.1 | 7 | 38 | 14 | | 72 | 80 |
| RUSSIAN FEDERATION (IN ASIA) | | | | | | | | | | | | | | | | |
| 29231 KOLPASEVO | 5819N | 08257E | 75 | | 1012.1 | 1022.0 | -.6 | | 3.9 | 1.1 | 13 | 50 | 15 | | 42 | 75 |
| 29263 ENISEJSK | 5827N | 09209E | 79 | | | 1023.2 | -5.8 | 5.3 | 3.8 | 1.3 | 14 | 48 | 3 | 3 | 46 | 105 |
| 29282 BOGUCANY | 5823N | 09727E | 133 | | 1005.9 | 1023.1 | -4.6 | 7.5 | 3.9 | 1.7 | 9 | 18 | -7 | 3 | 41 | 95 |
| 29570 KRASNOJARSK OPYTNOE POLE | 5602N | 09245E | 276 | | 990.3 | 1025.2 | -2.1 | | 4.3 | | 11 | 32 | | 2 | | |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 29807 IRTYSHSK | 5321N | 07527E | 94 | | 1013.0 | 1025.0 | -2.6 | 4.5 | 4.5 | 1.2 | 8 | 19 | -2 | | | |
| RUSSIAN FEDERATION (IN ASIA) | | | | | | | | | | | | | | | | |
| 29838 BARNAUL | 5326N | 08331E | 184 | | 1003.5 | 1027.0 | -1.2 | 5.6 | 4.8 | 1.5 | 4 | 15 | -19 | | 54 | 72 |
| 29866 MINUSINSK | 5342N | 09142E | 254 | | 995.8 | 1028.3 | -3.4 | 4.5 | 4.1 | 1.3 | 4 | 11 | -1 | 3 | 70 | 127 |
| 30230 KIRENSK | 5746N | 10804E | 259 | | 989.9 | 1023.4 | -8.4 | 7.4 | 3.4 | 1.5 | 11 | 37 | 10 | | 54 | 96 |
| 30309 BRATSK | 5617N | 10145E | 416 | | 972.8 | 1025.4 | -4.1 | 5.5 | 4.1 | 1.4 | 5 | 14 | -7 | | 51 | 91 |
| 30554 BAGDARIN | 5428N | 11335E | 903 | | 910.4 | 1023.7 | -11.8 | 6.3 | 1.9 | .7 | 0 | 0 | -5 | 1 | | |
| 30635 UST'-BARGUZIN | 5325N | 10901E | 461 | | 967.2 | 1025.3 | -4.7 | 3.8 | 3.7 | 1.2 | 3 | 11 | -24 | 0 | | |
| 30673 MOGOCA | 5345N | 11944E | 625 | | 940.4 | 1020.1 | -12.4 | 6.4 | 1.9 | .7 | 0 | T | -8 | 0 | 167 | 126 |
| 30710 IRKUTSK | 5216N | 10419E | 469 | | 968.8 | 1027.9 | -3.9 | 4.5 | 3.7 | .9 | 3 | 10 | -8 | | | |
| 30758 CHITA | 5205N | 11329E | 671 | | 940.0 | 1024.1 | -7.4 | 6.4 | 2.4 | .7 | | 1 | -4 | 1 | 166 | 124 |
| 31004 ALDAN | 5837N | 12522E | 79 | | | 1016.2 | -14.8 | 4.3 | 1.9 | .6 | 26 | 98 | 61 | | 40 | 55 |
| 31088 OHOTSK | 5922N | 14312E | 6 | | 1002.8 | 1003.5 | -12.1 | 2.5 | 2.0 | .6 | 7 | 30 | 6 | 4 | 108 | 101 |
| 31168 AJAN | 5627N | 13809E | 8 | | 1004.6 | 1005.8 | -9.9 | .8 | 2.0 | .4 | 6 | 77 | 43 | | 85 | 80 |
| 31253 BOMNAK | 5443N | 12856E | 357 | | 967.2 | 1015.0 | -16.2 | 3.8 | 1.3 | -1.1 | 2 | 14 | -5 | | 130 | 119 |
| 31369 NIKOLAEVSK-NA-AMURE | 5309N | 14042E | 68 | | 998.5 | 1007.3 | -10.6 | -.3 | 2.2 | -.1 | 8 | 37 | -13 | | | |
| 31416 IM POLINY OSIPENKO | 5225N | 13630E | 73 | | 1000.0 | 1009.4 | -12.1 | 1.5 | 2.1 | .3 | 2 | 14 | -5 | | 161 | 121 |
| 31510 BLAGOVESCHENSK | 5015N | 12734E | 132 | | 998.5 | 1015.4 | -6.3 | 4.4 | 2.4 | .4 | | 1 | -12 | | | |
| 31735 HABAROVSK | 4831N | 13510E | 76 | | 1000.6 | 1013.1 | -5.7 | 2.0 | 2.6 | .1 | 3 | 12 | -10 | | 172 | 108 |
| 31960 VLADIVOSTOK | 4307N | 13154E | 183 | | 994.9 | 1018.3 | 2.1 | 3.4 | 4.1 | .0 | 1 | 6 | -32 | | 203 | 121 |
| 32150 JUZHNO-SAHALINSK | 4657N | 14243E | 24 | | 1007.5 | 1010.4 | -1.7 | .3 | 4.4 | .0 | 9 | 56 | -25 | 4 | 135 | 116 |
| 32583 PETROPAVLOVSK- KAMCATSKIJ | 5259N | 15839E | 24 | | | 993.4 | -5.2 | | | | 2 | 40 | | | | |
| 32618 NIKOL'SKOE | 5512N | 16559E | 18 | | | 990.0 | -.7 | -1.1 | | | 5 | 28 | -47 | | | |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 35078 ATBASAR | 5149N | 06822E | 304 | | 987.3 | 1025.8 | -2.8 | 4.1 | 4.9 | 1.5 | 9 | 47 | 24 | 5 | 67 | 72 |
| 35108 URALSK | 5115N | 05117E | 37 | | 1014.6 | 1019.2 | .4 | 2.5 | 5.6 | .8 | 8 | 32 | -3 | 1 | 50 | 78 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | mm | mm | hr | % |
| RUSSIAN FEDERATION (IN ASIA) | | | | | | | | | | | | | | | | |
| 35121 ORENBURG | 5141N | 05506E | 117 | | 1006.6 | 1021.5 | -1.1 | 2.1 | 5.1 | .8 | 12 | 44 | 7 | 4 | 47 | 75 |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 35188 AKMOLA | 5108N | 07122E | 350 | | 982.7 | 1026.7 | -2.0 | 3.9 | 5.0 | 1.5 | 7 | 28 | 7 | 4 | | |
| 35229 AKTJUBINSK | 5017N | 05709E | 219 | | 995.3 | 1022.9 | -.7 | 2.3 | 5.3 | 1.0 | 8 | 48 | 22 | 5 | 46 | 59 |
| 35394 KARAGANDA | 4948N | 07309E | 553 | | 958.2 | 1027.7 | -5.4 | -.3 | 4.8 | 1.3 | 3 | 10 | -17 | | 97 | 90 |
| 35406 TAIPAK | 4903N | 05152E | 2 | | | | .6 | .8 | 5.9 | .7 | 9 | 26 | 4 | 0 | 69 | 82 |
| 35416 ULL | 4904N | 05441E | 128 | | | | 1.1 | 2.1 | 5.6 | .8 | 8 | 36 | 10 | 1 | | |
| 35746 ARALSKOE MORE | 4647N | 06139E | 62 | | 1016.0 | 1024.2 | 1.4 | 1.7 | 5.8 | 1.0 | 4 | 11 | -3 | 4 | 139 | 100 |
| 35796 BALHASH | 4648N | 07505E | 350 | | 983.4 | 1027.1 | .6 | 3.0 | 5.5 | 1.4 | 1 | 4 | -9 | 1 | 158 | 105 |
| 35849 KAZALINSK | 4546N | 06207E | 68 | | 1015.6 | 1024.2 | 2.6 | 2.2 | 6.2 | 1.4 | 2 | 15 | 1 | 4 | 128 | 93 |
| 35925 SAM | 4524N | 05607E | 88 | | 1011.8 | 1023.0 | 2.7 | .8 | 6.1 | .5 | 6 | 20 | 9 | | | |
| 36177 SEMIPALATINSK | 5025N | 08018E | 196 | | 1003.1 | 1028.0 | -.3 | 4.6 | 4.5 | 1.0 | 2 | 9 | -17 | 1 | | |
| 36208 LENINOGORSK | 5020N | 08333E | 811 | | 929.9 | 1028.7 | -1.5 | 4.2 | 4.6 | 1.6 | 6 | 22 | -22 | 1 | | |
| 36535 KOKPEKTY | 4845N | 08222E | 512 | | | | -3.5 | 4.8 | 3.9 | 1.0 | 1 | 6 | -32 | | 170 | 144 |
| 36870 ALMATY | 4314N | 07656E | 851 | | 924.4 | 1024.7 | 5.0 | 3.3 | 6.7 | 1.6 | 8 | 51 | -4 | 4 | 125 | 98 |
| 38062 KYZYLORDA | 4451N | 06530E | 130 | | | | | | 5.6 | .5 | 5 | 23 | 8 | 5 | | |
| 38198 TURKESTAN | 4316N | 06813E | 207 | | | | 7.7 | 3.8 | 7.0 | 1.5 | 4 | 26 | 4 | | | |
| UZBEKISTAN | | | | | | | | | | | | | | | | |
| 38262 CHIMBAJ | 4257N | 05949E | 66 | | 1013.7 | 1021.9 | 4.0 | .5 | 5.8 | .4 | 2 | 8 | -3 | 3 | 133 | 89 |
| 38396 URGENCH | 4134N | 06034E | 101 | | 1010.2 | 1022.7 | 6.5 | | 7.7 | | 3 | 7 | | 3 | | |
| 38403 BUZAUBAJ | 4145N | 06228E | 98 | | 1009.9 | 1021.7 | 6.9 | | 5.0 | | 3 | 6 | | 3 | | |
| 38413 TAMDY | 4144N | 06437E | 237 | | 993.9 | 1022.8 | 3.9 | -1.9 | 7.4 | 1.9 | 2 | 7 | -2 | 2 | 110 | 67 |
| 38457 TASHKENT | 4116N | 06916E | 488 | | 964.7 | 1021.5 | 10.6 | 2.8 | 8.1 | 1.5 | 3 | 32 | -13 | 3 | 121 | 81 |
| TURKMENISTAN | | | | | | | | | | | | | | | | |
| 38507 TURKMENBASHI | 4003N | 05300E | -13 | | | 1019.5 | 10.2 | .9 | 10.6 | 2.6 | 7 | 19 | 3 | | 148 | 92 |
| 38545 DARGANATA | 4028N | 06217E | 142 | | 1003.1 | 1020.6 | 8.4 | | 8.6 | | 2 | 3 | | | | |
| UZBEKISTAN | | | | | | | | | | | | | | | | |
| 38611 NAMANGAN | 4059N | 07135E | 474 | | 966.7 | 1023.1 | 9.3 | | 8.7 | | 4 | 18 | | 4 | 144 | 90 |
| 38618 FERGANA | 4022N | 07145E | 577 | | 953.1 | 1021.4 | 9.0 | 2.5 | 8.9 | 1.8 | 3 | 18 | 4 | 4 | 149 | 99 |
| 38683 BUHARA | 3943N | 06437E | 226 | | 993.4 | 1020.6 | 10.1 | | 8.7 | | 5 | 24 | | 5 | | |
| TURKMENISTAN | | | | | | | | | | | | | | | | |
| 38687 CHARDZHEV | 3905N | 06336E | 190 | | 998.6 | 1022.1 | 10.4 | 2.3 | 8.7 | 1.9 | 5 | 28 | 18 | | | |
| UZBEKISTAN | | | | | | | | | | | | | | | | |
| 38696 SAMARKAND | 3934N | 06657E | 724 | | 935.9 | 1020.1 | 10.3 | 2.8 | 8.1 | 1.5 | 5 | 27 | -1 | 3 | 151 | 87 |
| 38812 KARSHI | 3848N | 06543E | 376 | | 975.7 | 1020.6 | 11.2 | | 9.9 | | 5 | 45 | | 5 | | |
| 38927 TERMEZ | 3714N | 06716E | 310 | | 983.6 | 1020.7 | 12.0 | 2.0 | 8.7 | 1.2 | 3 | 11 | 2 | 4 | 209 | 107 |
| SAUDI ARABIA | | | | | | | | | | | | | | | | |
| 40357 ARAR | 3054N | 04108E | 549 | | 954.4 | 1017.6 | 15.6 | | 6.9 | | 0 | 0 | | | | |
| 40361 AL-JOUF | 2947N | 04006E | 689 | | 940.8 | 1017.0 | 16.4 | | 6.5 | | 0 | T | | | | |
| 40375 TABUK | 2822N | 03636E | 768 | | 929.4 | 1016.0 | 17.4 | | 10.5 | | 0 | 0 | | | 270 | |
| 40416 DHAHRAN | 2616N | 05009E | 17 | | 1013.5 | 1015.4 | 22.2 | -.1 | 15.0 | 1.9 | 0 | 0 | -5 | | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | | | |
| 40417 KING FAHAD INT. AIRPORT | 2627N | 04949E | 12 | | 1015.2 | 1016.7 | 21.5 | | 11.1 | | 0 | 0 | | | | |
| 40420 AL AHSA | 2518N | 04929E | 178 | | 996.3 | 1016.9 | 21.6 | | | | 0 | 0 | | | | |
| 40430 MADINAH | 2433N | 03942E | 636 | | 942.8 | 1013.2 | 24.9 | 1.5 | 8.1 | .8 | 0 | 0 | -9 | | 265 | |
| 40437 KING KHALED INT. AIRPORT | 2456N | 04643E | 612 | | 948.0 | 1017.5 | 19.4 | | 6.3 | | 0 | 0 | | | 248 | |
| 40438 RIYADH | 2443N | 04644E | 620 | | 948.3 | 1018.1 | 20.8 | .1 | 6.6 | -1.6 | | | | | 269 | |
| IRAN, ISLAMIC REPUBLIC OF | | | | | | | | | | | | | | | | |
| 40706 TABRIZ | 3805N | 04617E | 1361 | | 888.8 | 1020.9 | 8.8 | 2.3 | 9.6 | 3.5 | 4 | 55 | 27 | | 173 | 99 |
| 40712 ORUMIEH | 3732N | 04505E | 1312 | | 870.2 | 1019.8 | 6.2 | .1 | 5.7 | -.8 | 4 | 26 | -11 | | 167 | 101 |
| 40718 ANZALI | 3728N | 04928E | -23 | | 1021.7 | 1018.6 | 14.3 | .8 | 13.7 | .0 | 12 | 226 | -40 | | 107 | 106 |
| 40745 MASHHAD | 3616N | 05938E | 989 | | 905.3 | 1019.5 | 11.7 | 4.0 | 6.9 | .4 | 7 | 23 | 8 | | 168 | 88 |
| 40754 TEHRAN-MEHRABAD | 3541N | 05121E | 1191 | | 884.1 | 1017.6 | 12.6 | 1.5 | 7.2 | 1.2 | 7 | 30 | 10 | | 178 | 88 |
| 40766 KERMANSHAH | 3416N | 04707E | 1322 | | 871.2 | 1019.1 | 9.8 | .9 | 5.7 | -.8 | 3 | 16 | -38 | | 201 | 107 |
| 40800 ESFAHAN | 3238N | 05143E | 1550 | | 847.3 | 1018.6 | 10.1 | .2 | 4.0 | -1.6 | 3 | 3 | -6 | | 222 | 98 |
| 40831 ABADAN | 3022N | 04815E | 11 | | 1017.0 | 1017.8 | 18.6 | -.9 | 9.3 | -3.3 | 3 | 12 | -8 | | 234 | 116 |
| 40841 KERMAN | 3015N | 05658E | 1754 | | 828.0 | 1017.1 | 11.5 | .7 | 4.5 | .1 | 0 | 0 | -5 | | 254 | 107 |
| 40848 SHIRAZ | 2932N | 05235E | 1491 | | 855.0 | 1018.4 | 13.2 | 1.5 | 6.2 | .0 | 3 | 7 | -13 | | 253 | 106 |
| SAUDI ARABIA | | | | | | | | | | | | | | | | |
| 41024 JEDDAH (KING ABDUL AZIZ INT.) | 2142N | 03911E | 17 | | 1011.0 | 1012.0 | 27.0 | .0 | 22.8 | .6 | 0 | 0 | -11 | | 237 | |
| 41030 MAKKAH | 2126N | 03946E | 240 | | 985.0 | 1011.8 | 29.0 | | 22.5 | | 1 | 11 | | | | |
| 41055 AL BAHA | 2018N | 04138E | 1662 | | 838.2 | 1528 Y | 18.8 | | 8.3 | | 2 | 15 | | | 278 | |
| 41084 BISHA | 1959N | 04237E | 1163 | | 887.9 | 1532 Y | 20.1 | | 6.8 | | 0 | 0 | | | 286 | |
| 41112 ABHA | 1814N | 04239E | 2093 | | 795.7 | 1518 Y | 19.4 | | 9.5 | | 1 | 24 | | | 293 | |
| 41114 KHAMIS MUSHAIT | 1818N | 04248E | 2056 | | 799.8 | 1529 Y | 17.4 | | 9.6 | | 0 | 0 | | | 293 | |
| 41140 GIZAN | 1654N | 04235E | 7 | | 1011.3 | 1012.7 | 29.4 | | 27.4 | | 1 | 1 | | | | |
| BAHRAIN | | | | | | | | | | | | | | | | |
| 41150 BAHRAIN (INT. AIRPORT) | 2616N | 05039E | 2 | | 1016.2 | 1016.4 | 24.3 | -.2 | 18.7 | -2.9 | 0 | 0 | -3 | 2 | 268 | 103 |
| UNITED ARAB EMIRATES | | | | | | | | | | | | | | | | |
| 41217 ABU DHABI INTER. AIRPORT | 2426N | 05439E | 27 | | 1013.5 | 1016.3 | 24.6 | .6 | 18.6 | -.3 | 0 | 0 | -1 | 4 | 293 | 100 |
| OMAN | | | | | | | | | | | | | | | | |
| 41256 SEEB, INTERNATIONAL AIRPORT | 2335N | 05817E | 8 | | 1014.4 | 1015.4 | 25.5 | | 18.2 | | 0 | 0 | | 5 | 258 | |
| 41288 MASIRAH | 2040N | 05854E | 19 | | 1013.2 | 1015.4 | 26.3 | | 22.0 | | 0 | 0 | | | 302 | 80 |
| 41314 THUMRAIT | 1740N | 05402E | 467 | | 966.1 | 1017.9 | 23.2 | | 10.5 | | 0 | 0 | | | | |
| 41316 SALALAH | 1702N | 05405E | 20 | | 1012.3 | 1014.9 | 26.6 | | 16.1 | | 0 | 0 | | | 296 | |
| INDIA | | | | | | | | | | | | | | | | |
| 42027 SRINAGAR | 3405N | 07450E | 1587 | | 847.0 | 1555 Y | 8.2 | .1 | 7.7 | | 4 | 36 | 8 | 4 | 168 | |
| 42071 AMRITSAR | 3138N | 07452E | 234 | | 987.9 | 1015.0 | 18.7 | .8 | 13.2 | | 0 | 0 | -6 | 3 | 213 | 97 |
| 42147 MUKTESHWAR KUMAON | 2928N | 07939E | 2311 | | 779.1 | 3196 Z | 13.1 | 1.9 | 3.3 | | 0 | T | -10 | 3 | | |
| 42165 BIKANER | 2800N | 07318E | 224 | | | 1014.1 | 22.9 | 1.4 | 9.5 | | 0 | 0 | -3 | 4 | | |
| 42182 NEW DELHI/SAFDARJUNG | 2835N | 07712E | 216 | | 989.7 | 1014.8 | 20.9 | .1 | 14.5 | | 0 | 0 | -9 | 3 | 157 | 64 |
| 42261 AGRA | 2710N | 07802E | 169 | | | | | | 16.4 | | 0 | 0 | -3 | 3 | | |
| 42339 JODHPUR | 2618N | 07301E | 224 | | | 1014.1 | 23.7 | | 9.0 | | 0 | 0 | | 4 | | |
| 42410 GAUHATI | 2606N | 09135E | 54 | | 1007.8 | 1014.1 | 23.1 | .9 | 23.8 | | 2 | 15 | -10 | 3 | 192 | 83 |
| 42452 KOTA AERODROME | 2509N | 07551E | 274 | | | 1014.5 | 24.1 | 1.5 | 10.7 | | 0 | 0 | -20 | 3 | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | % | | |
| 42475 ALLAHABAD/BAMHRAULI | 2527N | 08144E | 98 | | 1002.9 | 1014.2 | 24.1 | 2.4 | 19.9 | | 1 | 12 | 3 | 5 | 171 | 67 |
| 42587 DALTONGANJ | 2403N | 08404E | 221 | | 986.9 | 1013.1 | 24.2 | 2.4 | 20.7 | | 0 | 0 | -9 | 3 | | |
| 42647 AHMADABAD | 2304N | 07238E | 55 | | 1007.2 | 1013.5 | 25.1 | .4 | 11.6 | | 0 | 0 | -14 | 4 | 280 | 102 |
| 42671 SAGAR | 2351N | 07845E | 551 | | 952.3 | 1013.7 | 23.9 | 1.5 | 12.9 | | 1 | 3 | -16 | 4 | | |
| 42731 DWARKA | 2222N | 06905E | 11 | | 1012.1 | 1013.4 | 27.1 | .8 | 20.2 | | 0 | 0 | -2 | | | |
| 42754 INDORE | 2243N | 07548E | 567 | | 950.2 | 1013.3 | 22.3 | .5 | 9.8 | | 0 | 0 | -21 | 3 | | |
| 42807 CALCUTTA/ALIPORE | 2232N | 08820E | 6 | | 1012.9 | 1013.7 | 26.3 | 1.4 | 25.9 | | 4 | 17 | -9 | 4 | 139 | 73 |
| 42867 NAGPUR SONEGAON | 2106N | 07903E | 310 | | 978.1 | 1013.3 | 24.4 | 1.4 | 16.8 | | 0 | 0 | -17 | 3 | 262 | 99 |
| 42909 VERAVAL | 2054N | 07022E | 8 | | 1011.7 | 1012.5 | 27.7 | 1.5 | 18.9 | | 0 | 0 | -33 | 4 | | |
| 42933 AKOLA | 2042N | 07702E | 282 | | 979.7 | 1013.1 | 24.4 | .4 | 10.7 | | 0 | 0 | -20 | 3 | | |
| 42971 BHUBANESWAR | 2015N | 08550E | 46 | | 1008.1 | 1013.3 | 25.9 | 1.0 | 24.1 | | 6 | 62 | 14 | 4 | | |
| 43041 JAGDALPUR | 1905N | 08202E | 553 | | 951.4 | 1013.0 | 24.1 | 2.4 | 24.5 | | 2 | 60 | 34 | 5 | | |
| 43057 BOMBAY/COLABA | 1854N | 07249E | 11 | | 1009.9 | 1011.1 | 29.1 | 1.1 | 27.0 | | 0 | 0 | -23 | 2 | 247 | 101 |
| 43063 POONA | 1832N | 07351E | 559 | | 950.2 | 1012.3 | 22.3 | .0 | 18.1 | | 1 | 23 | -5 | 4 | 271 | 101 |
| 43128 HYDERABAD AIRPORT | 1727N | 07828E | 545 | | 951.9 | 1012.2 | 24.7 | 1.5 | 19.7 | | 1 | 1 | -28 | 2 | 236 | 96 |
| 43149 VISHAKHAPATNAM | 1743N | 08314E | 3 | | 1012.3 | | 27.3 | | 25.6 | | 8 | 175 | | 5 | | |
| 43185 MACHILIPATNAM | 1612N | 08109E | 3 | | 1011.1 | 1011.3 | 27.1 | 1.3 | 27.6 | | 8 | 71 | -45 | 3 | 179 | |
| 43192 GOA/PANJIM | 1529N | 07349E | 60 | | 1003.7 | 1010.3 | 28.5 | .9 | 27.2 | | 2 | 6 | -29 | 2 | 271 | 100 |
| 43198 BELGAUM/SAMBRA | 1551N | 07437E | 747 | | 928.9 | 1010.5 | 23.9 | 1.1 | 16.3 | | 1 | 52 | 14 | 4 | | |
| 43279 MADRAS/MINAMBAKKAM | 1300N | 08011E | 16 | | 1009.1 | 1010.9 | 27.3 | | 28.8 | | 16 | 260 | | 3 | 146 | 80 |
| 43295 BANGALORE | 1258N | 07735E | 921 | | 909.9 | 1509 Y | 22.9 | .7 | 19.7 | | 5 | 35 | -17 | 3 | 153 | 81 |
| 43314 KOZHIKODE | 1115N | 07547E | 5 | | 1009.9 | 1010.5 | 28.2 | .7 | 30.1 | | 10 | 71 | -101 | 2 | | |
| 43333 PORT BLAIR | 1140N | 09243E | 79 | | 1002.3 | 1011.2 | 26.7 | .8 | 27.5 | | 12 | 118 | -136 | 1 | 164 | 94 |
| 43363 PAMBAN | 0916N | 07918E | 11 | | 1009.1 | 1010.4 | 27.9 | .5 | 30.0 | | 13 | 231 | -9 | 3 | | |
| 43369 MINICOY | 0818N | 07309E | 2 | | 1010.3 | 1010.5 | 27.8 | .3 | 31.0 | | 9 | 172 | 27 | 4 | 188 | 87 |
| 43371 THIRUVANANTHAPURAM | 0829N | 07657E | 64 | | 1003.1 | 1010.4 | 27.4 | .6 | 29.2 | | 9 | 140 | -66 | 3 | 163 | 98 |
| SRI LANKA | | | | | | | | | | | | | | | | |
| 43418 TRINCOMALEE | 0835N | 08115E | 7 | | 1001.5 | 1010.3 | 27.5 | .8 | 30.5 | 2.3 | 14 | 162 | -172 | | | |
| 43466 COLOMBO | 0654N | 07952E | 7 | | 1009.0 | 1009.8 | 27.5 | .8 | 30.1 | 1.6 | 13 | 230 | -80 | | 192 | 91 |
| 43497 HAMBANTOTA | 0607N | 08108E | 20 | | 1008.1 | 1009.8 | 27.7 | .9 | 29.3 | 1.0 | 12 | 211 | 23 | | | |
| MONGOLIA | | | | | | | | | | | | | | | | |
| 44203 RINCHINHUMBE | 5107N | 09940E | 1583 | | | | -17.9 | 2.5 | | | 2 | 10 | 5 | 3 | | |
| 44207 HATGAL | 5026N | 10009E | 1668 | | 835.7 | 1037.4 | -13.7 | .0 | | | 4 | 17 | 12 | 5 | | |
| 44212 ULAAN-GOM | 4959N | 09205E | 939 | | 918.6 | 1035.4 | -6.2 | 4.3 | 3.2 | .9 | 5 | 22 | 16 | 5 | 86 | 86 |
| 44213 BARUUNTURUUN | 4939N | 09424E | 1232 | | 884.6 | 1036.2 | -9.7 | 4.6 | 2.3 | .5 | 3 | 10 | 1 | 5 | | |
| 44214 UIGI | 4856N | 08956E | 1715 | | 831.5 | 1032.0 | -6.5 | 2.0 | 2.5 | .4 | 2 | 3 | 2 | 5 | | |
| 44215 OMNO-GOBI | 4901N | 09143E | 1590 | | 844.9 | 1034.6 | -9.6 | 1.3 | 2.0 | .2 | 3 | 6 | 5 | 2 | | |
| 44218 HOVD | 4801N | 09134E | 1405 | | 862.2 | 1030.5 | -8.2 | 1.5 | | | 2 | 4 | 3 | 5 | | |
| 44225 TOSONTSENGEL | 4844N | 09812E | 1723 | | 831.6 | 1039.6 | -13.6 | 5.1 | | | 1 | 3 | -4 | 1 | | |
| 44230 TARIALAN | 4934N | 10200E | 1235 | | 884.1 | 1035.0 | -9.2 | 1.1 | 2.4 | .5 | 2 | 8 | 6 | 5 | | |
| 44231 MUREN | 4934N | 10010E | 1283 | | 877.2 | 1035.7 | -12.2 | -.8 | 1.9 | .1 | 6 | 9 | 8 | 5 | 159 | 95 |
| 44232 HUTAG | 4923N | 10242E | 938 | | 916.4 | 1035.1 | -12.1 | -.9 | 7.3 | 5.3 | 4 | 14 | 11 | 5 | | |
| 44237 ERDENEMANDAL | 4832N | 10123E | 1509 | | 851.9 | 1032.5 | -9.9 | -.3 | | | 3 | 6 | 4 | 5 | | |
| 44239 BULGAN | 4848N | 10333E | 1208 | | 882.9 | 1030.3 | -8.9 | 1.9 | 2.7 | .9 | 1 | 4 | 1 | 5 | | |
| 44241 BARUUNKHARAA | 4855N | 10604E | 807 | | 934.9 | 1032.7 | -10.4 | .6 | | | 2 | 17 | 12 | 5 | | |
| 44256 DASHBALBAR | 4933N | 11424E | 705 | | 925.6 | 1023.3 | -6.7 | 3.6 | 2.9 | .9 | 0 | T | -4 | 1 | | |
| 44259 CHOIBALSAN | 4805N | 11433E | 747 | | 934.1 | 1027.1 | -6.6 | 3.2 | 2.7 | .6 | 1 | 1 | -2 | 2 | 223 | 112 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | mm | mm | hr | % |
| 44265 BAITAG | 4607N | 09128E | 1186 | | 892.7 | 1035.5 | -3.4 | 5.0 | | | 1 | 1 | -5 | 2 | | |
| 44272 ULIASTAI | 4745N | 09651E | 1759 | | 825.6 | 1031.9 | -8.9 | 4.3 | | | 1 | 5 | 1 | 4 | 185 | 106 |
| 44275 BAYANBULAG | 4650N | 09805E | 2255 | | 775.2 | 1033.3 | -11.0 | 3.9 | 2.0 | .3 | 0 | T | -2 | 1 | | |
| 44277 ALTAI | 4624N | 09615E | 2181 | | 784.4 | 1030.6 | -10.7 | -3 | 2.5 | .8 | 2 | 10 | 8 | 1 | | |
| 44282 TSETSERLEG | 4727N | 10128E | 1691 | | 832.7 | 1031.0 | -5.7 | 1.8 | | | 3 | 8 | 3 | 1 | | |
| 44284 GAIUUT | 4642N | 10008E | 2126 | | 789.9 | 1037.2 | -23.0 | -8.0 | 2.1 | .8 | 3 | 5 | 3 | 5 | | |
| 44285 HUJIRT | 4654N | 10246E | 1662 | | 836.0 | 1032.9 | -9.3 | 1.5 | 2.4 | .5 | 1 | 2 | -1 | 2 | | |
| 44287 BAYANHONGOR | 4608N | 10041E | 1859 | | 816.6 | 1033.4 | -7.8 | 3.1 | 5.8 | 4.0 | 3 | 5 | 3 | 5 | | |
| 44288 ARVAIHEER | 4616N | 10247E | 1813 | | 919.4 | 1028.3 | -5.1 | 2.0 | 2.7 | .7 | 5 | 2 | 0 | 3 | | |
| 44292 ULAAN-BAATOR | 4755N | 10652E | 1306 | | 873.4 | 1031.4 | -9.4 | 3.8 | 1.8 | -.1 | 2 | 3 | 0 | 2 | 187 | 106 |
| 44294 MAANTI | 4718N | 10729E | 1430 | | 857.9 | 1029.9 | -9.5 | 3.4 | | | 1 | 3 | 0 | 4 | | |
| 44298 CHOIR | 4627N | 10813E | 1286 | | 874.1 | 1019.7 | -7.3 | 3.0 | 2.4 | .2 | 0 | T | -4 | 1 | | |
| 44302 BAYAN-OVOO | 4747N | 11207E | 926 | | 912.7 | 1027.8 | -7.8 | | 2.5 | | 2 | 4 | | 3 | | |
| 44304 UNDERKHAAN | 4719N | 11038E | 1033 | | 901.9 | 1028.3 | -8.5 | 3.1 | | | | 1 | -2 | 1 | | |
| 44305 BARUUN-URT | 4641N | 11317E | 981 | | 907.4 | 1028.4 | -8.0 | 2.3 | 2.5 | .4 | | 1 | -1 | 1 | | |
| 44313 KHALKH-GOL | 4737N | 11837E | 688 | | 939.1 | 1024.7 | -8.7 | 2.6 | 2.3 | .2 | 1 | 1 | -4 | 2 | | |
| 44314 MATAD | 4710N | 11538E | 907 | | 915.6 | 1027.4 | -6.6 | 3.0 | 2.3 | .0 | 1 | 2 | -1 | 3 | | |
| 44336 SAIKHAN-OVOO | 4527N | 10354E | 1316 | | 873.1 | 1031.4 | -6.2 | 2.5 | 2.2 | .3 | | | | | | |
| 44341 MANDALGOVI | 4546N | 10617E | 1393 | | 863.5 | 1031.2 | -7.2 | 1.5 | 2.7 | .6 | 3 | 5 | 3 | 1 | | |
| 44347 TSOGT-OVOO | 4425N | 10519E | 1298 | | 875.3 | 1029.3 | -4.3 | 2.3 | | | 0 | T | -2 | 1 | | |
| 44352 BAYANDELGER | 4544N | 11222E | 1101 | | 894.9 | 1028.0 | -6.4 | 2.3 | 2.4 | .1 | 1 | 1 | -1 | 2 | | |
| 44358 ZAMYN-UUD | 4344N | 11154E | 964 | | 914.4 | 1028.4 | -5.1 | 1.5 | | | 0 | T | -1 | 1 | | |
| 44373 DALANZADGAD | 4335N | 10425E | 1465 | | 857.0 | 1029.0 | -3.1 | 2.0 | 3.6 | 1.2 | 1 | 1 | -1 | 3 | 245 | 105 |
| NEPAL | | | | | | | | | | | | | | | | |
| 44454 KATHMANDU AIRPORT | 2742N | 08522E | 1337 | | 868.7 | 1524 Y | 16.9 | | 15.4 | | 0 | 0 | | | 216 | 95 |
| HONG KONG, CHINA | | | | | | | | | | | | | | | | |
| 45004 KING'S PARK | 2219N | 11410E | 66 | | 1010.6 | 1018.3 | 21.1 | -.5 | 13.6 | -3.8 | 2 | 4 | -30 | 2 | 206 | 114 |
| REPUBLIC OF KOREA | | | | | | | | | | | | | | | | |
| 47101 CHUNCHON | 3754N | 12744E | 75 | | 1012.7 | 1022.2 | 4.0 | -.6 | 5.7 | -.8 | 4 | 12 | -31 | 1 | 155 | 109 |
| 47105 KANGNUNG | 3745N | 12854E | 27 | | 1015.6 | 1018.8 | 8.9 | .2 | 5.4 | -1.6 | 3 | 34 | -44 | 2 | 178 | 103 |
| 47108 SEOUL | 3734N | 12658E | 87 | | 1011.5 | 1022.0 | 7.0 | .4 | 6.1 | -.8 | 4 | 13 | -40 | 1 | 118 | 79 |
| 47115 ULLUNGDO | 3729N | 13054E | 223 | | 992.1 | 1018.6 | 9.8 | .5 | 7.8 | -.6 | 11 | 152 | 44 | 5 | 152 | 128 |
| 47133 TAEJON | 3618N | 12724E | 78 | | 1013.9 | 1022.3 | 6.4 | -.1 | 6.4 | -1.1 | 4 | 11 | -37 | 0 | 175 | 118 |
| 47138 POHANG | 3602N | 12923E | 6 | | 1020.1 | 1020.5 | 10.0 | .6 | 6.0 | -1.8 | 3 | 8 | -43 | 1 | 217 | 120 |
| 47159 PUSAN | 3506N | 12902E | 71 | | 1011.8 | 1020.2 | 11.4 | .4 | 7.3 | -1.0 | 2 | 13 | -51 | 1 | 174 | 93 |
| 47165 MOKPO | 3447N | 12623E | 56 | | 1017.6 | 1022.1 | 9.5 | -.6 | 7.9 | -1.2 | 3 | 16 | -35 | 1 | 193 | 125 |
| 47168 YOSU | 3444N | 12744E | 68 | | 1013.0 | 1021.0 | 11.3 | .8 | 6.5 | -1.8 | 2 | 15 | -34 | 2 | 190 | 98 |
| 47184 CHEJU | 3331N | 12632E | 24 | | 1019.5 | 1022.3 | 12.5 | .1 | 8.5 | -1.9 | 3 | 42 | -37 | 2 | 145 | 113 |
| JAPAN | | | | | | | | | | | | | | | | |
| 47401 WAKKANAI | 4525N | 14141E | 11 | | 1009.9 | 1011.3 | 4.0 | .8 | 5.5 | .0 | 18 | 130 | 2 | 4 | 66 | 114 |
| 47407 ASAHIKAWA | 4346N | 14222E | 116 | | 999.1 | 1013.5 | 2.8 | 1.0 | 5.9 | .2 | 16 | 75 | -42 | 1 | 69 | 108 |
| 47409 ABASHIRI | 4401N | 14417E | 43 | | 1006.8 | 1012.1 | 3.9 | .7 | 5.4 | -.2 | 9 | 40 | -23 | 1 | 125 | 111 |
| 47412 SAPPORO | 4303N | 14120E | 26 | | 1010.6 | 1013.8 | 5.0 | .7 | 5.9 | .0 | 14 | 83 | -15 | 2 | 99 | 99 |
| 47418 KUSHIRO | 4259N | 14424E | 37 | | 1007.7 | 1012.6 | 4.6 | .9 | 5.9 | -.1 | 4 | 77 | 5 | 4 | 183 | 114 |
| 47420 NEMURO | 4320N | 14535E | 39 | | 1007.4 | 1012.1 | 5.2 | .3 | 6.4 | .0 | 7 | 79 | -1 | 3 | 150 | 107 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | mm | mm | hr | |
| 47421 SUTTSU | 4248N | 14014E | 38 | | 1009.5 | 1014.2 | 5.7 | .7 | 6.1 | -.2 | 16 | 100 | -37 | 1 | 72 | 122 |
| 47426 URAKAWA | 4210N | 14247E | 37 | | 1009.5 | 1014.0 | 5.8 | .3 | 6.5 | .0 | 8 | 49 | -44 | 1 | 144 | 114 |
| 47430 HAKODATE | 4149N | 14045E | 43 | | 1009.4 | 1014.7 | 6.1 | 1.0 | 6.5 | -.3 | 10 | 66 | -37 | 1 | 124 | 113 |
| 47575 AOMORI | 4049N | 14046E | 3 | | 1015.1 | 1015.5 | 7.3 | 1.1 | 6.9 | -.4 | 12 | 130 | -5 | 3 | 95 | 109 |
| 47582 AKITA | 3943N | 14006E | 21 | | 1014.1 | 1016.7 | 7.8 | .4 | 7.7 | .0 | 19 | 152 | -29 | 2 | 83 | 99 |
| 47585 MIYAKO | 3939N | 14158E | 46 | | 1009.9 | 1015.6 | 7.7 | .0 | 6.8 | -.4 | 5 | 29 | -66 | 1 | 162 | 113 |
| 47598 ONAHAMA | 3657N | 14054E | 5 | | 1015.8 | 1016.4 | 10.7 | .2 | 8.5 | -.7 | 6 | 58 | -29 | 2 | 185 | 119 |
| 47600 WAJIMA | 3723N | 13654E | 14 | | 1016.4 | 1018.1 | 10.1 | .0 | 9.3 | -.3 | 18 | 215 | -21 | 3 | 89 | 105 |
| 47602 AIKAWA | 3802N | 13815E | 17 | | 1015.3 | 1017.3 | 11.7 | 1.1 | 9.4 | .1 | 20 | 140 | -18 | 2 | 116 | 127 |
| 47605 KANAZAWA | 3635N | 13638E | 33 | | 1014.3 | 1018.3 | 11.3 | .5 | 9.2 | -.6 | 18 | 259 | -6 | 3 | 128 | 131 |
| 47618 MATSUMOTO | 3615N | 13758E | 611 | | 945.5 | 1018.0 | 6.7 | -1.1 | 6.7 | -.4 | 5 | 36 | -11 | 2 | 189 | 122 |
| 47624 MAEBASHI | 3624N | 13904E | 113 | | 1003.2 | 1016.8 | 10.8 | .5 | 7.5 | -.6 | 6 | 33 | -12 | 3 | 206 | 123 |
| 47636 NAGOYA | 3510N | 13658E | 56 | | 1011.2 | 1017.9 | 11.6 | .1 | 8.4 | -1.1 | 6 | 52 | -18 | 2 | 184 | 117 |
| 47648 CHOSHI | 3544N | 14052E | 28 | | 1012.7 | 1016.0 | 13.8 | .2 | 11.1 | -.2 | 7 | 190 | 68 | 5 | 156 | 118 |
| 47655 OMAEZAKI | 3436N | 13813E | 47 | | 1010.7 | 1016.3 | 13.8 | -.2 | 10.7 | -.6 | 8 | 106 | -29 | 2 | 197 | 122 |
| 47662 TOKYO | 3541N | 13946E | 36 | | 1012.2 | 1016.5 | 13.1 | .5 | 8.3 | -.9 | 7 | 124 | 35 | 4 | 170 | 125 |
| 47663 OWASE | 3404N | 13612E | 27 | | 1014.3 | 1017.5 | 12.8 | .0 | 10.0 | -.7 | 6 | 74 | -174 | 1 | 188 | 124 |
| 47675 OSHIMA | 3445N | 13222E | 79 | | 1006.7 | 1016.2 | 13.1 | .1 | 10.8 | -.6 | 8 | 261 | 63 | 5 | 156 | 125 |
| 47678 HACHIJOJIMA | 3306N | 13947E | 80 | | 1006.3 | 1015.8 | 16.6 | -.5 | 14.0 | -.5 | 14 | 278 | 23 | 4 | 99 | 94 |
| 47740 SAIGO | 3612N | 13320E | 31 | | 1014.9 | 1018.7 | 11.1 | -1.1 | 9.7 | -.3 | 15 | 134 | -10 | 3 | 104 | 90 |
| 47741 MATSUE | 3527N | 13304E | 22 | | 1016.5 | 1019.1 | 11.0 | .0 | 9.8 | -.7 | 15 | 189 | 52 | 5 | 119 | 107 |
| 47750 MAIZURU | 3527N | 13519E | 22 | | 1016.4 | 1019.1 | 10.3 | -.5 | 9.8 | -.6 | 15 | 237 | 99 | 5 | 98 | 107 |
| 47755 HAMADA | 3454N | 13204E | 20 | | 1016.7 | 1019.2 | 12.5 | .1 | 9.8 | -.4 | 9 | 149 | 38 | 4 | 129 | 116 |
| 47772 OSAKA | 3441N | 13531E | 83 | | 1008.7 | 1018.6 | 13.2 | .3 | 9.2 | -.7 | 7 | 39 | -26 | 2 | 175 | 123 |
| 47778 SHIONOMISAKI | 3327N | 13546E | 75 | | 1008.3 | 1017.2 | 14.8 | -.1 | 10.5 | -1.0 | 8 | 148 | -46 | 3 | 203 | 124 |
| 47800 IZUHARA | 3412N | 12918E | 19 | | 1017.8 | 1020.1 | 12.6 | .4 | 9.3 | -.8 | 4 | 79 | -27 | 3 | 168 | 118 |
| 47807 FUKUOKA | 3335N | 13023E | 15 | | 1018.1 | 1019.9 | 13.2 | .2 | 9.7 | -.9 | 9 | 145 | 65 | 5 | 148 | 113 |
| 47815 OITA | 3314N | 13137E | 13 | | 1018.1 | 1019.6 | 12.7 | .0 | 9.6 | -1.1 | 5 | 85 | 24 | 4 | 180 | 127 |
| 47817 NAGASAKI | 3244N | 12952E | 35 | | 1015.7 | 1019.9 | 13.5 | -.2 | 10.3 | -.9 | 7 | 78 | -7 | 3 | 157 | 115 |
| 47827 KAGOSHIMA | 3133N | 13033E | 31 | | 1015.5 | 1019.2 | 14.7 | .2 | 10.8 | -1.5 | 6 | 57 | -30 | 3 | 197 | 131 |
| 47830 MIYAZAKI | 3155N | 13125E | 7 | | 1017.0 | 1018.8 | 13.2 | -.6 | 10.9 | -1.3 | 6 | 49 | -52 | 2 | 202 | 124 |
| 47837 TANEGASHIMA | 3044N | 13100E | 18 | | 1016.4 | 1018.5 | 17.5 | -.2 | 13.7 | -1.1 | 7 | 73 | -44 | 2 | 161 | 121 |
| 47843 FUKUE | 3242N | 12850E | 26 | | 1017.0 | 1020.1 | 13.7 | -.1 | 10.0 | -1.5 | 7 | 100 | -29 | 3 | 144 | 111 |
| 47887 MATSUYAMA | 3350N | 13247E | 34 | | 1015.0 | 1019.1 | 12.5 | -.2 | 9.6 | -.7 | 6 | 80 | 14 | 4 | 162 | 113 |
| 47891 TAKAMATSU | 3419N | 13403E | 10 | | 1017.9 | 1019.1 | 12.2 | .2 | 9.4 | -.9 | 7 | 53 | -12 | 3 | 156 | 105 |
| 47898 SHIMIZU | 3243N | 13301E | 33 | | 1014.2 | 1018.2 | 15.4 | -.4 | 10.9 | -.8 | 7 | 111 | -24 | 3 | 195 | 118 |
| 47899 MUROTOMISAKI | 3315N | 13411E | 186 | | 995.9 | 1018.0 | 13.9 | -.5 | 10.9 | -.6 | 7 | 89 | -55 | 2 | 196 | 120 |
| 47909 NAZE | 2823N | 12930E | 7 | | 1017.6 | 1018.5 | 19.7 | -.1 | 14.9 | -1.9 | 11 | 83 | -107 | 2 | 103 | 118 |
| 47918 ISHIGAKIJIMA | 2420N | 12410E | 7 | | 1017.0 | 1017.8 | 22.5 | .0 | 17.8 | -3.0 | 9 | 94 | -75 | 2 | 146 | 135 |
| 47927 MIYAKOJIMA | 2447N | 12517E | 41 | | 1013.0 | 1017.8 | 22.4 | .3 | 17.2 | -3.1 | 8 | 40 | -105 | 0 | 148 | 137 |
| 47936 NAHA | 2612N | 12741E | 53 | | 1012.0 | 1018.2 | 21.8 | .4 | 16.0 | -2.6 | 1 | 4 | -112 | 0 | 159 | 133 |
| 47945 MINAMIDAITOJIMA | 2550N | 13114E | 20 | | 1014.1 | 1016.5 | 22.3 | .0 | 19.0 | -1.2 | 6 | 21 | -101 | 1 | 151 | 124 |
| 47971 CHICHIJIMA | 2705N | 14211E | 8 | | 1014.1 | 1015.0 | 23.0 | -.1 | 22.7 | .9 | 13 | 106 | -42 | 2 | 137 | 105 |
| 47991 MINAMITORISHIMA | 2418N | 15358E | 9 | | 1013.7 | 1014.7 | 26.4 | .3 | 26.9 | .5 | 4 | 72 | -5 | | 210 | 101 |
| THAILAND | | | | | | | | | | | | | | | | |
| 48327 CHIANG MAI | 1847N | 09859E | 314 | | 978.1 | 1014.1 | 22.2 | -1.6 | 19.7 | -2.8 | 1 | 22 | -31 | 0 | 241 | 103 |
| 48354 UDON THANI | 1723N | 10248E | 182 | | | 1014.8 | 23.3 | -1.3 | 18.9 | -2.8 | | 2 | -7 | 2 | | |
| 48378 PHITSANULOK | 1647N | 10016E | 45 | | 1008.0 | 1013.3 | 24.6 | -1.5 | 21.5 | -3.3 | 1 | 55 | 24 | 3 | 259 | 105 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 |
| 48400 NAKHON SAWAN | 1548N | 10010E | 35 | | 1009.1 | 1013.1 | 25.0 | -1.4 | 23.7 | -1.9 | 2 | 6 | -29 | 2 | 256 | 103 |
| 48431 NAKHON RATCHASIMA | 1458N | 10205E | 188 | | 992.2 | 1013.7 | 24.0 | -.6 | 20.9 | -2.1 | 4 | 10 | -21 | 3 | | |
| 48455 BANGKOK | 1344N | 10034E | 20 | | 1011.9 | 1012.4 | 26.9 | .0 | 23.0 | -3.9 | 1 | | | 0 | 217 | 93 |
| 48462 ARANYAPRATHET | 1342N | 10235E | 49 | | 1005.9 | 1013.0 | 25.1 | -1.0 | 22.4 | -2.6 | 4 | 161 | 109 | 2 | | |
| 48480 CHANTHABURI | 1236N | 10207E | 4 | | 1011.0 | 1011.4 | 25.5 | -.7 | 23.1 | -2.4 | 3 | 28 | -33 | 2 | 212 | 88 |
| 48500 PRACHUAP KHIRIKHAN | 1150N | 09950E | 5 | | 1011.1 | 1011.7 | 25.7 | -.5 | 24.0 | -2.5 | 5 | 82 | -145 | 2 | | |
| 48517 CHUMPHON | 1029N | 09911E | 5 | | 1010.9 | 1011.4 | 25.5 | -.3 | 25.9 | -2.4 | 8 | 80 | -295 | 0 | | |
| CHINA | | | | | | | | | | | | | | | | |
| 50527 HAILAR | 4913N | 11945E | 611 | | 945.7 | 1023.0 | -8.3 | 4.3 | 2.4 | .5 | 0 | T | -4 | 1 | 180 | 102 |
| 50745 QIQIHAR | 4723N | 12355E | 148 | | 1000.4 | 1019.3 | -3.7 | 3.4 | 2.5 | .1 | 1 | 2 | -2 | 2 | 223 | 118 |
| 51076 ALTAY | 4744N | 08805E | 737 | | 940.2 | 1030.4 | .2 | 5.0 | 3.2 | .1 | 2 | 7 | -12 | 1 | 192 | 127 |
| 51431 YINING | 4357N | 08120E | 663 | | 946.0 | 1025.9 | 4.7 | 3.1 | 6.3 | 1.1 | 4 | 16 | -8 | 2 | 174 | 104 |
| 51463 URUMQI | 4347N | 08737E | 919 | | 916.8 | 1029.0 | 1.7 | | 5.0 | | 1 | 9 | | 2 | 156 | 125 |
| 51709 KASHI | 3928N | 07559E | 1291 | | 877.6 | 1025.9 | 6.3 | 2.6 | 6.1 | 1.4 | 1 | 8 | 7 | 5 | 226 | 115 |
| 51777 RUOQIANG | 3902N | 08810E | 889 | | 921.4 | 1027.6 | 3.5 | 1.8 | 4.3 | 1.0 | 0 | 0 | -1 | 4 | 227 | 100 |
| 51828 HOTAN | 3708N | 07956E | 1375 | | 868.4 | 1025.1 | 6.5 | 2.6 | 4.5 | .9 | 0 | T | -1 | 5 | 243 | 111 |
| 52203 HAMI | 4249N | 09331E | 739 | | 938.5 | 1028.0 | 2.2 | 2.3 | 4.0 | .8 | 1 | 2 | 1 | 4 | 211 | 95 |
| 52533 JIUQUAN | 3946N | 09829E | 1478 | | 858.0 | 1029.2 | .9 | 1.9 | 3.4 | .6 | 1 | 4 | 3 | 5 | 201 | 89 |
| 52889 LANZHOU | 3603N | 10353E | 1518 | | 853.4 | | 4.3 | 2.4 | 4.6 | .2 | 1 | 2 | -2 | 4 | 199 | 110 |
| 53068 ERENHOT | 4339N | 11200E | 966 | | 910.8 | 1029.1 | -4.5 | 2.1 | 2.3 | .2 | 0 | T | -2 | 3 | 209 | 96 |
| 53614 YINCHUAN | 3829N | 10613E | 1112 | | 897.3 | 1028.9 | 2.0 | .9 | 4.4 | .1 | 0 | 0 | -4 | 2 | 218 | 99 |
| 53772 TAIYUAN | 3747N | 11233E | 779 | | 933.5 | 1027.3 | 2.9 | .6 | 4.4 | -.2 | 1 | 10 | -2 | 4 | 185 | 102 |
| 54292 YANJI | 4253N | 12928E | 178 | | 998.2 | 1020.8 | -1.3 | 1.7 | 3.0 | -.2 | 1 | 1 | -12 | 1 | 195 | 120 |
| 54342 SHENYANG | 4146N | 12326E | 43 | | 1017.1 | 1023.7 | 1.0 | .7 | 3.9 | -.3 | 2 | 5 | -12 | 1 | 171 | 104 |
| 54511 BEIJING | 3956N | 11617E | 55 | | 1020.6 | 1024.7 | 5.3 | 1.0 | 4.8 | -.1 | 2 | 21 | 15 | 5 | 212 | 110 |
| 55591 LHASA | 2940N | 09108E | 3650 | | 655.7 | | 3.9 | 1.7 | 2.7 | .1 | 0 | 0 | -1 | 3 | 278 | 104 |
| 56137 QAMDO | 3109N | 09710E | 3307 | | 681.0 | | 2.7 | .8 | 3.0 | .2 | 1 | 3 | -1 | 3 | 224 | 111 |
| 56294 CHENGDU | 3040N | 10401E | 508 | | 963.3 | 1023.5 | 13.6 | 1.8 | 12.4 | .7 | 4 | 12 | -4 | 2 | | 92 |
| 56571 XICHANG | 2754N | 10216E | 1599 | | 843.7 | | 13.1 | .3 | 10.1 | .5 | 4 | 16 | -3 | 3 | 160 | 83 |
| 56739 TENGCHONG | 2507N | 09829E | 1649 | | 837.5 | | 13.2 | 1.1 | 11.9 | 1.1 | 6 | 54 | 6 | 3 | 196 | 92 |
| 56778 KUNMING | 2501N | 10241E | 1892 | | 814.4 | | 11.4 | .1 | 9.9 | -.3 | 5 | 46 | 6 | 4 | 164 | 91 |
| 56985 MENGZI | 2323N | 10323E | 1302 | | 874.0 | 1019.2 | 14.0 | | 11.7 | | 5 | 28 | | 3 | 167 | 100 |
| 57036 XI'AN | 3418N | 10856E | 398 | | 977.9 | 1026.3 | 7.9 | 1.1 | 7.1 | -.5 | 1 | 2 | -23 | 1 | 112 | 94 |
| 57083 ZHENGZHOU | 3443N | 11339E | 111 | | 1011.0 | 1024.8 | 9.1 | 1.2 | 6.4 | -.7 | 0 | T | -25 | 1 | 173 | 106 |
| 57461 YICHANG | 3042N | 11118E | 134 | | 1008.2 | 1024.4 | 13.3 | .9 | 10.9 | .0 | 4 | 22 | -26 | 2 | 107 | 99 |
| 57745 ZHIJIANG | 2727N | 10941E | 273 | | 990.4 | 1023.1 | 13.0 | .8 | 11.2 | -.2 | 4 | 62 | -6 | 4 | 140 | |
| 57993 GANZHOU | 2551N | 11457E | 125 | | 1005.0 | 1021.6 | 15.3 | -.1 | 12.2 | -.9 | 3 | 21 | -32 | 2 | 184 | 127 |
| 58362 SHANGHAI | 3124N | 12128E | 4 | | 1022.7 | 1023.7 | 13.6 | | 10.8 | | 4 | 47 | | 3 | 167 | 105 |
| 58606 NANCHANG | 2836N | 11555E | 50 | | 1017.5 | 1023.1 | 13.8 | .6 | 11.0 | -.3 | 6 | 104 | 50 | 4 | 177 | 123 |
| 59287 GUANGZHOU | 2308N | 11319E | 8 | | 1014.4 | 1019.5 | 19.7 | .3 | 13.8 | -1.9 | 2 | 20 | -22 | 3 | 207 | 118 |
| 59316 SHANTOU | 2324N | 11641E | 3 | | 1017.9 | 1018.8 | 19.6 | .3 | 15.4 | -2.2 | 2 | 4 | -35 | 2 | 229 | 128 |
| 59431 NANNING | 2249N | 10821E | 73 | | 1004.5 | 1019.5 | 17.3 | -1.3 | 15.1 | -1.3 | 6 | 33 | -11 | 3 | 168 | 113 |
| 59758 HAIKOU | 2002N | 11021E | 24 | | 1015.2 | 1017.3 | 22.2 | .2 | 20.6 | -1.1 | 6 | 90 | -7 | 4 | 150 | 97 |
| AFRICA | | | | | | | | | | | | | | | | |
| MADEIRA | | | | | | | | | | | | | | | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 _c | O _c | mb | mb | | mm | mm | | hr | |
| 08522 FUNCHAL | 3238N | 01654W | 56 | | 1013.5 | 1020.3 | 19.0 | .2 | 13.3 | -2.0 | 6 | 176 | 75 | 5 | 138 | 89 |
| SPAIN (CANARY ISLANDS) | | | | | | | | | | | | | | | | |
| 60030 LAS PALMAS DE GRAN CAN./GAN. | 2756N | 01523W | 47 | | 1012.0 | 1017.5 | 21.0 | .6 | 16.0 | -.7 | 6 | 94 | 73 | 5 | 148 | 81 |
| 60040 LANZAROTE/AEROPUERTO | 2857N | 01336W | 21 | | 1015.4 | 1017.9 | 20.6 | .4 | 15.8 | -1.2 | 5 | 32 | 18 | 5 | 160 | 80 |
| WESTERN SAHARA | | | | | | | | | | | | | | | | |
| 60096 VILLA CISNEROS | 2342N | 01552W | 10 | | 1014.4 | 1015.9 | 21.2 | | | | 1 | 2 | | 1 | 261 | 105 |
| MOROCCO | | | | | | | | | | | | | | | | |
| 60101 TANGER(AERODROME) | 3544N | 00554W | 21 | | 1017.3 | 1019.2 | 15.2 | -.7 | 12.4 | | 3 | 20 | -114 | 0 | 175 | 95 |
| 60115 OUJDA | 3447N | 00156W | 470 | | 964.4 | 1019.7 | 12.0 | -1.7 | 11.3 | | 5 | 118 | 81 | 6 | 155 | |
| 60120 KENITRA | 3418N | 00636W | 14 | | 1016.4 | 1018.1 | 15.7 | -.2 | 13.7 | | 3 | 17 | -113 | 1 | 179 | 100 |
| 60135 RABAT-SALE | 3403N | 00646W | 75 | | 1008.7 | 1018.1 | 15.3 | -.6 | 12.4 | | 4 | 14 | -82 | 1 | 187 | 95 |
| 60150 MEKNES | 3353N | 00532W | 549 | | 953.0 | 1018.1 | 13.8 | -.4 | 10.3 | | 2 | 8 | -71 | 1 | 192 | 110 |
| 60155 CASABLANCA | 3334N | 00740W | 62 | | 1010.9 | 1017.8 | 16.5 | .4 | 14.1 | | 3 | 23 | -51 | 2 | 199 | 60 |
| 60195 MIDEIT | 3241N | 00444W | 1515 | | 851.8 | 1533 Y | 8.9 | -1.2 | 7.6 | | 3 | 21 | 1 | 3 | 201 | 65 |
| 60220 ESSAOUIRA | 3131N | 00947W | 8 | | 1017.1 | 1017.9 | 16.3 | -1.0 | 12.8 | | 6 | 5 | -67 | 1 | 176 | 90 |
| 60230 MARRAKECH | 3137N | 00802W | 466 | | 963.7 | 1018.0 | 16.3 | .0 | 9.6 | | 2 | 5 | -35 | 1 | 205 | 95 |
| 60265 OUARZAZATE | 3056N | 00654W | 1140 | | 890.4 | 1531 Y | 14.4 | .7 | 6.0 | | 1 | 2 | -17 | 2 | 211 | 65 |
| 60318 TETUAN/SANIA RAMEL | 3535N | 00520W | 10 | | 1019.1 | 1020.3 | 15.4 | | 14.3 | | 7 | 61 | | 3 | 133 | 75 |
| SPAIN (CEUTA AND MELILLA) | | | | | | | | | | | | | | | | |
| 60338 MELILLA | 3517N | 00257W | 55 | | 1012.4 | 1019.0 | 15.5 | -1.1 | 14.0 | .0 | 6 | 96 | 55 | 5 | 127 | 78 |
| ALGERIA | | | | | | | | | | | | | | | | |
| 60351 JIJEL ACHOUAT | 3653N | 00549E | 10 | | 1016.9 | 1018.1 | 15.1 | | 13.1 | | 15 | 114 | | | 130 | 40 |
| 60353 JIJEL PORT | 3650N | 00547E | 2 | | 1018.6 | 1020.7 | 16.3 | | 13.3 | | 14 | 97 | | | 135 | 45 |
| 60355 SKIKDA | 3656N | 00657E | 7 | | 1017.1 | 1017.3 | 16.3 | .2 | 14.5 | | 4 | | | | 128 | 40 |
| 60360 ANNABA | 3650N | 00749E | 4 | | 1016.3 | 1017.3 | 15.3 | -.3 | 12.9 | | 14 | 60 | -14 | 1 | 148 | 45 |
| 60367 EL-KALA | 3654N | 00827E | 10 | | 1017.2 | 1018.4 | 16.8 | | 14.5 | | | 252 | | 1 | | |
| 60387 DELLYS | 3655N | 00357E | 12 | | | | 15.5 | | 13.6 | | 11 | 223 | | | 156 | |
| 60390 DAR-EL-BEIDA | 3643N | 00315E | 25 | | 1015.3 | 1018.7 | 14.0 | -1.2 | 12.5 | | 7 | 49 | -47 | 3 | 170 | 55 |
| 60395 TIZI-OUZOU | 3642N | 00403E | 195 | | 996.1 | 1018.6 | 14.0 | | 11.9 | | 8 | 52 | | | 122 | |
| 60402 BEJAIA | 3643N | 00504E | 2 | | 1017.8 | 1018.1 | 14.7 | -1.1 | 12.8 | | 5 | 104 | 5 | 4 | 148 | |
| 60403 GUELMA | 3628N | 00728E | 227 | | 991.7 | 1018.7 | 14.1 | | 12.5 | | 13 | 39 | | | 153 | |
| 60410 TENES | 3630N | 00120E | 59 | | 1017.2 | 1019.2 | 15.6 | | 12.7 | | 7 | 350 | | | 128 | 40 |
| 60417 BOUIRA | 3623N | 00354E | 635 | | 952.9 | 1018.3 | 12.1 | | 11.4 | | 6 | 15 | | | 168 | 55 |
| 60419 CONSTANTINE | 3617N | 00637E | 694 | | 938.2 | 1018.8 | 10.9 | -.5 | 10.2 | | 6 | 26 | -17 | 3 | 154 | 50 |
| 60421 OUM EL BOUAGHI | 3553N | 00707E | 889 | | 916.2 | 1510 Y | 10.7 | | 8.8 | | 5 | 36 | | 1 | 151 | |
| 60423 SOUK AHRAS | 3617N | 00758E | 680 | | 939.1 | 1018.0 | 11.9 | | 10.5 | | 7 | 33 | | | 124 | |
| 60425 CHLEF | 3613N | 00120E | 143 | | 1001.7 | 1018.8 | 13.8 | -1.0 | 11.7 | | 6 | 97 | 44 | 0 | 146 | |
| 60430 MILIANA | 3618N | 00214E | 715 | | 935.8 | 1019.0 | 11.7 | -1.1 | 10.6 | | 9 | 114 | 11 | 5 | 156 | |
| 60437 MEDEA | 3616N | 00245E | 981 | | 900.1 | 1524 Y | 9.3 | | 9.6 | | 10 | 70 | | | 163 | |
| 60444 BORDJ BOU ARRERIDJ | 3604N | 00446E | 928 | | | 1520 Y | 10.0 | | 9.3 | | 4 | 29 | | | 184 | |
| 60445 SETIF | 3611N | 00525E | 1081 | | 900.4 | 1514 Y | 9.3 | | 9.0 | | 5 | 37 | | | 177 | |
| 60452 ARZEW | 3549N | 00016W | 3 | | 1018.2 | 1018.7 | 15.5 | | 13.5 | | 10 | 238 | | | 138 | 45 |
| 60457 MOSTAGANEM VILLE | 3553N | 00007E | 137 | | 1002.0 | 1018.9 | 13.6 | | 12.6 | | 9 | 178 | | | 161 | |
| 60461 ORAN PORT | 3542N | 00039W | 22 | | 1016.1 | 1018.7 | 15.5 | | 13.8 | | 6 | 99 | | | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | % | | |
| 60467 M'SILA | 3540N | 00430E | 441 | | 965.7 | 1017.5 | 13.2 | | 10.0 | | 6 | 15 | | | 175 | 55 |
| 60476 KHENCHELLA | 3525N | 00709E | 1116 | | 906.0 | 1515 Y | 10.9 | | 9.1 | | 8 | 39 | | | 200 | |
| 60490 ORAN/ES SENIA | 3538N | 00036W | 90 | | 1006.9 | 1018.8 | 13.7 | -1.2 | 12.6 | | 5 | 183 | 140 | 6 | | |
| 60506 MASCARA METMORE | 3536N | 00018E | 474 | | 963.5 | 1019.4 | 11.6 | | 10.6 | | 9 | 100 | | | 146 | |
| 60511 TIARET | 3515N | 00126E | 1127 | | 906.9 | 1509 Y | 9.1 | | 8.6 | | 7 | 25 | | | 144 | 45 |
| 60514 KSAR CHELLALA | 3510N | 00219E | 800 | | 928.0 | | 11.0 | | 9.4 | | 2 | 8 | | | 184 | 50 |
| 60515 BOU-SAADA | 3520N | 00412E | 461 | | 966.6 | 1020.7 | 13.4 | | 9.3 | | 3 | 91 | | | | |
| 60525 BISKRA | 3448N | 00544E | 87 | | 1007.8 | 1018.3 | 17.1 | .8 | 10.5 | | 3 | 20 | 2 | 3 | 216 | |
| 60531 TLEMCEN (ZENATA) | 3501N | 00128W | 247 | | 990.1 | 1019.5 | 13.2 | | 12.2 | | 6 | 139 | | | 163 | 50 |
| 60550 ELBAYADH | 3340N | 00100E | 1341 | | 868.0 | 1521 Y | 9.5 | | 6.6 | | 2 | 6 | | | 156 | |
| 60555 TOUGGOURT | 3307N | 00608E | 85 | | 1007.5 | 1018.4 | 16.1 | | 10.3 | | 1 | 2 | | | 223 | |
| 60559 EL OUED | 3330N | 00607E | 63 | | 1009.5 | 1017.7 | 16.7 | 1.0 | 10.5 | | 0 | T | -9 | 1 | 215 | |
| 60566 GHARDAIA | 3223N | 00349E | 450 | | 964.8 | 1019.0 | 16.3 | .9 | | | 0 | 0 | -12 | 2 | 208 | |
| 60571 BECHAR | 3137N | 00214W | 773 | | 925.6 | 1522 Y | 15.3 | .4 | 6.4 | | 0 | 0 | -10 | 1 | 229 | 70 |
| 60580 OUARGLA | 3155N | 00524E | 141 | | 1000.2 | 1017.5 | 17.1 | | 11.1 | | 0 | T | | | 235 | |
| 60590 EL GOLEA | 3034N | 00252E | 397 | | 971.6 | 1018.5 | 16.2 | 1.0 | 8.0 | | 0 | 0 | -5 | 2 | 244 | 75 |
| 60602 BENI ABBES | 3008N | 00210W | 499 | | 958.6 | | 17.7 | 1.0 | 6.7 | | 0 | 0 | -6 | 2 | | |
| 60607 TIMIMOUN | 2915N | 00017E | 312 | | 979.7 | 1016.4 | 18.4 | 1.2 | 7.0 | | 0 | 0 | | | 230 | |
| 60611 IN AMENAS | 2803N | 00938E | 562 | | 953.0 | 1017.1 | 18.9 | 2.5 | 6.9 | | 0 | 0 | -2 | 3 | 256 | |
| 60620 ADRAR | 2753N | 00017W | 263 | | 983.4 | 1017.8 | 20.0 | 1.8 | 7.1 | | 0 | 0 | -1 | 4 | 242 | 75 |
| 60630 IN SALAH | 2712N | 00228E | 293 | | 985.6 | 1016.6 | 20.5 | .4 | 7.3 | | 0 | 0 | -1 | 4 | 245 | |
| 60640 ILLIZI | 2630N | 00825E | 558 | | 954.6 | 1016.1 | 20.3 | | 7.4 | | 0 | 0 | | | | |
| 60656 TINDOUF | 2740N | 00808W | 431 | | 963.6 | 1015.2 | 18.6 | | 7.9 | | 0 | 0 | | | 229 | |
| 60670 DJANET | 2433N | 00928E | 1054 | | 909.4 | 1545 Y | 18.6 | .4 | 4.9 | | 0 | 0 | -1 | 4 | 289 | 85 |
| 60680 TAMANRASSET | 2247N | 00531E | 1378 | | 868.0 | 1543 Y | 18.3 | 1.0 | 4.9 | | 0 | 0 | -2 | 4 | 301 | |
| 60690 IN-GUEZZAM | 1934N | 00546E | 411 | | 971.6 | 1017.3 | 25.2 | | 4.3 | | 0 | 0 | | | 295 | |
| TUNISIA | | | | | | | | | | | | | | | | |
| 60715 TUNIS-CARTHAGE | 3650N | 01014E | 4 | | 1016.5 | 1017.0 | 17.0 | 1.1 | 13.9 | | 7 | 53 | -3 | 4 | 167 | 96 |
| 60725 JENDOUBA | 3629N | 00848E | 144 | | 1001.2 | 1018.1 | 15.4 | 1.0 | 11.3 | | 8 | 24 | -18 | 2 | 158 | 94 |
| 60735 KAIROUAN | 3540N | 01006E | 68 | | 1009.8 | 1017.9 | 17.3 | 1.4 | 11.9 | | 4 | 41 | 13 | 4 | 201 | 97 |
| 60745 GAFSA | 3425N | 00849E | 314 | | 981.5 | 1019.2 | 16.2 | 2.2 | 10.3 | | 1 | 2 | -15 | 2 | 219 | 99 |
| 60765 GABES | 3353N | 01006E | 5 | | | 1017.4 | 18.7 | 1.9 | 13.1 | | 0 | 0 | -31 | 1 | 232 | 102 |
| NIGER | | | | | | | | | | | | | | | | |
| 61017 BILMA | 1841N | 01255E | 357 | | 972.8 | 1012.8 | 26.9 | | | | 0 | 0 | | 5 | 223 | |
| 61024 AGADEZ | 1658N | 00759E | 502 | | 955.9 | 1011.0 | 29.7 | | 6.7 | | 0 | 0 | | 5 | | |
| 61036 TILLABERY | 1412N | 00127E | 210 | | 987.5 | 1011.0 | 27.4 | | 9.4 | | 0 | 0 | | 0 | 303 | 105 |
| 61043 TAHOUA | 1454N | 00515E | 391 | | 966.6 | 1010.0 | 27.4 | | 6.9 | | 0 | 0 | | 0 | 303 | 105 |
| 61045 GOURE | 1359N | 01018E | 460 | | 962.6 | 1012.0 | 25.7 | | 5.6 | | 0 | 0 | | 5 | 310 | |
| 61049 N' GUIGMI | 1415N | 01307E | 286 | | 979.6 | 1011.9 | 26.0 | | 8.1 | | 0 | 0 | | 5 | 303 | 100 |
| 61052 NIAMEY-AERO | 1329N | 00210E | 227 | | 985.4 | 1010.4 | 28.0 | | 9.1 | | 0 | 0 | | 5 | 305 | 105 |
| 61075 BIRNI-N' KONNI | 1348N | 00515E | 273 | | 980.4 | 1010.9 | 27.5 | | 7.9 | | 0 | 0 | | | 299 | 100 |
| 61080 MARADI | 1328N | 00705E | 373 | | 988.4 | 1010.1 | 25.4 | | | | 0 | 0 | | 5 | 308 | 105 |
| 61090 ZINDER | 1347N | 00859E | 453 | | 960.6 | 1010.4 | 29.8 | | 10.9 | | 0 | 0 | | 3 | | |
| 61096 MAINE-SOROA | 1314N | 01159E | 337 | | 973.4 | 1011.2 | 28.5 | | 7.6 | | | | | | | |
| MALI | | | | | | | | | | | | | | | | |
| 61202 TESSALIT | 2012N | 00059E | 491 | | 958.8 | 1013.3 | 26.0 | | 4.7 | | | | | | 277 | 106 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | % | | |
| 61214 KIDAL | 1826N | 00121E | 459 | | 961.9 | 1013.0 | 26.5 | 1.0 | 5.7 | | 0 | 0 | -1 | 1 | 277 | 101 |
| 61223 TOMBOUCTOU | 1643N | 00300W | 264 | | 982.9 | 1012.8 | 35.3 | | 8.1 | | 0 | 0 | -1 | 0 | 221 | 87 |
| 61230 NIORO DU SAHEL | 1514N | 00921W | 237 | | 953.7 | 1010.2 | 28.7 | 2.0 | 8.8 | | 0 | 0 | -3 | 0 | 274 | 102 |
| 61233 NARA | 1510N | 00717W | 265 | | | | 28.0 | 1.2 | 8.5 | | 0 | 0 | 0 | 0 | 304 | 149 |
| 61240 HOMBORI | 1520N | 00141W | 288 | | | 1011.1 | | | | | 0 | 0 | 0 | 0 | 345 | 123 |
| 61250 MENAKA | 1552N | 00213E | 278 | | | | 27.3 | | 6.2 | | 0 | 0 | -1 | 0 | 292 | 104 |
| 61265 MOPTI | 1431N | 00406W | 272 | | 980.2 | 1011.0 | 27.2 | .3 | 10.8 | | 0 | 0 | -1 | 0 | 264 | 99 |
| 61270 KITA | 1304N | 00928W | 334 | | 973.1 | 1010.0 | 26.1 | -.4 | 15.6 | | 1 | 1 | -4 | 0 | 275 | 99 |
| 61277 SAN | 1320N | 00450W | 284 | | 979.3 | 1010.8 | | | 15.3 | | 0 | 0 | -1 | 4 | 275 | 99 |
| 61285 KENIEBA | 1251N | 01114W | 132 | | 996.2 | 1011.1 | | | | | 0 | 0 | -3 | 1 | | |
| 61291 BAMAKO/SENOU | 1232N | 00757W | 381 | | 969.3 | 1009.9 | 27.0 | .5 | 14.4 | | 0 | 0 | -2 | | 272 | 101 |
| 61293 KOUTIALA | 1223N | 00528W | 367 | | 969.6 | 1010.3 | 27.7 | 2.2 | 13.2 | | 0 | 0 | -4 | 1 | 263 | 93 |
| 61297 SIKASSO | 1121N | 00541W | 375 | | | | 27.2 | 1.3 | 17.1 | | 0 | T | -11 | 1 | 276 | 107 |
| MAURITANIA | | | | | | | | | | | | | | | | |
| 61404 ZOUERATE | 2245N | 01229W | 343 | | | 1015.3 | 23.0 | | 9.7 | | 0 | 0 | | 2 | 292 | 120 |
| 61415 NOUADHIBOU | 2056N | 01702W | 3 | | 1014.6 | 1015.1 | 21.8 | | 17.5 | | 7 | 10 | 0 | 0 | 246 | |
| 61442 NOUAKHOTT | 1806N | 01557W | 3 | | 1012.6 | 1013.0 | 25.4 | | 11.5 | | 1 | T | | 4 | | |
| 61450 TIDJIKJA | 1834N | 01126W | 402 | | | 1013.3 | 26.6 | | 9.7 | | 0 | 0 | | 5 | | |
| 61461 BOUTILIMIT | 1732N | 01441W | 75 | | 1004.9 | | 10.9 | | | | 0 | 0 | | 5 | | |
| 61497 NEMA | 1636N | 00716W | 269 | | | | 26.8 | | 7.5 | | 0 | 0 | | 5 | | |
| 61498 KIFFA | 1638N | 01124W | 115 | | 997.6 | 1010.7 | 28.7 | | 8.6 | | 1 | 3 | | 2 | | |
| 61499 AIOUN EL ATROUSS | 1642N | 00936W | 223 | | 985.5 | 1011.4 | 29.0 | | 7.5 | | 1 | T | | 5 | | |
| SENEGAL | | | | | | | | | | | | | | | | |
| 61600 SAINT-LOUIS | 1603N | 01627W | 4 | | 1011.8 | 1012.3 | 26.3 | | 22.0 | 4.1 | | | | 3 | 245 | 100 |
| 61612 PODOR | 1639N | 01458W | 7 | | 1012.0 | 1012.8 | 28.1 | | 15.9 | 2.6 | | 0 | -1 | 3 | 212 | |
| 61627 LINGUERE | 1523N | 01507W | 21 | | 1008.4 | 1010.7 | 28.3 | | 15.7 | 2.2 | 0 | T | -1 | 4 | 231 | 94 |
| 61630 MATAM | 1539N | 01315W | 17 | | 1009.0 | 1019.1 | | | 16.8 | 3.0 | 2 | 35 | 33 | 0 | 210 | 78 |
| 61641 DAKAR/YOFF | 1444N | 01730W | 24 | | 1009.0 | 1012.2 | 28.8 | | 31.2 | 7.5 | 3 | 10 | 9 | 2 | 287 | 115 |
| 61679 KAOLACK | 1408N | 01604W | 7 | | 1011.4 | 1012.2 | 28.3 | | 25.5 | | 3 | 16 | 12 | 5 | 187 | 73 |
| 61687 TAMBACOUNDA | 1346N | 01341W | 50 | | 1010.5 | 1011.9 | 27.2 | | 21.7 | 5.5 | 1 | 1 | 0 | | 190 | 74 |
| 61695 ZIGUINCHOR | 1233N | 01616W | 23 | | 1009.3 | 1011.9 | 26.9 | | 27.0 | 3.1 | 1 | 19 | 14 | | | |
| 61699 KEDOUGOU | 1234N | 01213W | 167 | | | | 28.9 | | 11.2 | | | | | | | |
| GAMBIA | | | | | | | | | | | | | | | | |
| 61701 BANJUL/YUNDUM | 1321N | 01648W | 36 | | 1008.1 | 1011.8 | 27.0 | | 24.3 | | 2 | 4 | | 5 | 200 | 85 |
| OCEAN ISLANDS (UK) | | | | | | | | | | | | | | | | |
| 61901 ST. HELENA IS. | 1556S | 00504W | 436 | | 967.1 | 1018.0 | 17.8 | | 16.3 | | 2 | 10 | | | 112 | 145 |
| MAURITIUS | | | | | | | | | | | | | | | | |
| 61974 AGALEGA | 1026S | 05645E | 3 | | 1012.2 | 1013.7 | 27.0 | .3 | 26.5 | -1.8 | 7 | 28 | -97 | 1 | 264 | |
| 61986 ST. BRANDON (ST. RAPHAEL) | 1627S | 05937E | 4 | | 1010.6 | 1015.0 | 26.2 | .6 | 25.9 | -.3 | 10 | 53 | 26 | 5 | | |
| 61988 RODRIGUES | 1941S | 06325E | 59 | | 1010.8 | 1017.1 | 24.2 | .1 | 22.2 | -.6 | 14 | 61 | -2 | 4 | 291 | 107 |
| 61990 PLAISANCE (MAURITIUS) | 2026S | 05740E | 57 | | 1012.5 | 1018.4 | 24.2 | .4 | 22.4 | -.9 | 6 | 27 | -62 | 1 | 279 | 115 |
| EGYPT | | | | | | | | | | | | | | | | |
| 62306 MERSA MATRUH | 3120N | 02713E | 29 | | 1015.1 | 1018.7 | 18.2 | .3 | 13.5 | -.5 | 1 | 8 | | 2 | 221 | 100 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | % | | |
| 62337 EL ARISH | 3105N | 03350E | 38 | | 1013.8 | 1017.4 | 18.1 | .4 | 14.3 | .2 | 2 | 76 | | 0 | 245 | 100 |
| 62378 HELWAN | 2952N | 03120E | 141 | | 1000.1 | 1016.9 | 18.9 | .1 | 12.2 | .0 | 0 | 0 | | 2 | 309 | 103 |
| 62414 ASSWAN | 62414 | 2358N | 194 | | 992.6 | 1014.9 | 21.1 | -.4 | 8.8 | -.1 | 0 | 0 | | 3 | 227 | 86 |
| 62417 SIWA | 2912N | 02529E | -13 | | 1020.1 | 1018.4 | 18.1 | .8 | 11.8 | 1.0 | 0 | 0 | | 3 | 298 | 103 |
| 62435 KHARGA | 2527N | 03032E | 73 | | 1006.2 | 1015.6 | 20.5 | .2 | 10.6 | -.5 | 0 | 0 | | 3 | | |
| SUDAN | | | | | | | | | | | | | | | | |
| 62600 WADI HALFA | 2149N | 03129E | 183 | | 992.5 | 1014.2 | 22.9 | | 11.2 | | 0 | 0 | | 5 | 305 | 95 |
| 62640 ABU HAMED | 1932N | 03319E | 312 | | 975.4 | 1010.9 | 26.9 | | 9.9 | | 0 | 0 | | 5 | 317 | 95 |
| 62641 PORT SUDAN | 1935N | 03713E | 2 | | 1009.0 | 1013.8 | 27.4 | | 27.4 | | 7 | 41 | | 3 | 227 | 70 |
| 62650 DONGOLA | 1910N | 03029E | 226 | | 986.4 | 1013.4 | 24.2 | | 7.9 | | 0 | 0 | | 5 | 319 | 85 |
| 62660 KARIMA | 1833N | 03151E | 249 | | 982.4 | 1012.1 | 30.8 | | 8.7 | | 0 | 0 | | 5 | 332 | 85 |
| 62680 ATBARA | 1742N | 03358E | 345 | | 970.7 | 1009.5 | 28.7 | | 14.1 | | 0 | 0 | | 5 | 309 | 90 |
| 62721 KHARTOUM | 1536N | 03233E | 380 | | 965.6 | 1008.7 | 27.2 | | 13.4 | | 0 | 0 | | 5 | | |
| 62730 KASSALA | 1528N | 03624E | 500 | | 951.6 | 1006.6 | 29.8 | | 15.1 | | 0 | 0 | | 5 | 314 | 90 |
| 62751 WAD MEDANI | 1424N | 03329E | 408 | | 963.8 | 1009.9 | 27.7 | | 14.0 | | 1 | 4 | | 5 | 319 | 95 |
| 62752 GEDAREF | 1402N | 03524E | 599 | | 942.0 | 1008.0 | 29.6 | | 14.4 | | 2 | 18 | | 6 | 246 | 80 |
| 62760 EL FASHER | 1337N | 02520E | 730 | | 930.0 | 1010.8 | 24.5 | | 7.9 | | 0 | 0 | | 5 | 330 | 95 |
| 62762 SENNAR | 1333N | 03337E | 418 | | 960.7 | 1007.5 | 27.0 | | 15.1 | | 0 | 0 | | 5 | 317 | 90 |
| 62770 GENEINA | 1329N | 02227E | 805 | | 923.9 | 1012.5 | 24.2 | | 5.5 | | 0 | 0 | | 5 | 104 | 90 |
| 62771 EL OBEID | 1310N | 03014E | 574 | | 945.8 | 1009.3 | 24.6 | | 8.9 | | 0 | 0 | | 5 | 320 | 90 |
| 62772 KOSTI | 1310N | 03240E | 381 | | 963.3 | 1008.6 | 29.5 | | 14.1 | | 0 | 0 | | 4 | 307 | 90 |
| 62781 EN NAHUD | 1242N | 02826E | 564 | | 949.0 | 1011.7 | 26.8 | | 11.7 | | 0 | 0 | | 5 | | |
| 62790 NYALA | 1203N | 02453E | 674 | | 939.7 | 1011.2 | 26.5 | | 7.2 | | 0 | 0 | | 5 | | |
| 62795 ABU NA'AMA | 1244N | 03408E | 445 | | 935.7 | 1011.0 | 29.5 | | 14.9 | | 0 | 0 | | 4 | 307 | 85 |
| 62805 DAMAZINE | 1147N | 03423E | 470 | | 955.0 | 1007.1 | 28.0 | | 18.1 | | 1 | 275 | | 6 | 303 | 90 |
| 62810 KADUGLI | 1100N | 02943E | 499 | | 954.7 | 1009.4 | 32.4 | | 10.7 | | 0 | 0 | | 4 | | |
| 62840 MALAKAL | 0933N | 03139E | 388 | | 965.8 | 1009.5 | 27.5 | | 16.8 | | 1 | 102 | | 6 | 287 | 80 |
| 62941 JUBA | 0452N | 03136E | 457 | | 958.6 | 1010.3 | 29.4 | | 25.0 | | 6 | 418 | | 6 | 213 | |
| ETHIOPIA | | | | | | | | | | | | | | | | |
| 63402 JIMMA | 0740N | 03650E | 1725 | | 836.0 | | 19.2 | | 15.5 | | 5 | 76 | | | | |
| 63450 ADDIS ABABA-BOLE | 0902N | 03845E | 2354 | | 774.2 | 1012.3 | 14.9 | | 8.1 | | | | | | | |
| 63471 DIREDAWA | 0936N | 04151E | 1260 | | 886.0 | | 23.2 | | 10.9 | | 1 | 5 | | | | 110 |
| KENYA | | | | | | | | | | | | | | | | |
| 63619 MOYALE | 0332N | 03903E | 1097 | | 891.7 | 1527 Y | 22.7 | | 20.0 | | 15 | 192 | | | | |
| 63686 ELDORET | 0032N | 03517E | 2133 | | 790.5 | 1494 Y | | | 13.7 | | 13 | 65 | | | | |
| 63723 GARISSA | 0028S | 03938E | 147 | | 995.2 | 1012.0 | 29.1 | -.8 | 27.0 | 2.2 | 10 | 118 | | | | |
| 63799 MALINDI | 0314S | 04006E | 23 | | 1010.0 | 1013.0 | 27.1 | | | | 4 | 83 | | | | |
| SEYCHELLES | | | | | | | | | | | | | | | | |
| 63980 SEYCHELLES INT. AIRPORT | 0440S | 05531E | 3 | | 1011.6 | 1012.0 | 27.6 | .8 | 28.0 | -.1 | 10 | 153 | -62 | 2 | 207 | 106 |
| RWANDA | | | | | | | | | | | | | | | | |
| 64387 KIGALI | 0158S | 03007E | 1497 | | 851.2 | 1506 Y | 19.9 | | 18.5 | | 19 | 185 | 58 | | 166 | |
| CENTRAL AFRICAN REPUBLIC | | | | | | | | | | | | | | | | |
| 64600 BERBERATI | 0415N | 01548E | 583 | | 945.2 | 1008.5 | 24.5 | | 25.2 | | 7 | 89 | | | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | °C | mb | mb | | mm | mm | | hr | |
| 64650 BANGUI | 0424N | 01831E | 366 | | 936.1 | 1009.2 | 24.5 | | 23.0 | | 5 | 27 | | | | |
| 64660 BAMBARI | 0551N | 02039E | 475 | | 956.4 | 1008.5 | 25.1 | | 22.3 | | 5 | 76 | | | | |
| CHAD | | | | | | | | | | | | | | | | |
| 64700 NDJAMENA | 1208N | 01502E | 295 | | 976.8 | 1010.3 | 27.0 | | 10.0 | -0.3 | 0 | 0 | -1 | | 321 | 107 |
| BENIN | | | | | | | | | | | | | | | | |
| 65306 KANDI | 1108N | 00256E | 292 | | 977.7 | 1010.4 | 26.7 | .2 | 13.8 | -1.1 | 0 | 0 | -1 | 1 | 300 | 106 |
| 65319 NATITINGOU | 1019N | 00123E | 461 | | 959.6 | 1010.2 | 27.3 | .9 | 14.1 | -2.5 | 0 | 0 | -9 | 1 | 299 | 113 |
| 65330 PARAKOU | 0921N | 00237E | 393 | | 977.1 | 1010.5 | 27.7 | 1.1 | 18.5 | -0.8 | 0 | 0 | -6 | 1 | 257 | 100 |
| 65335 SAVE | 0802N | 00228E | 200 | | 987.8 | 1010.2 | 29.3 | 1.3 | 26.6 | 2.3 | 1 | 4 | -9 | 1 | | |
| 65338 BOHICON | 0710N | 00204E | 167 | | 992.2 | 1010.9 | 27.6 | | 28.7 | | 2 | 11 | | 2 | 224 | 95 |
| 65344 COTONOU | 0621N | 00223E | 9 | | 1009.8 | 1010.8 | 28.6 | 1.0 | 31.3 | 1.0 | 4 | 41 | 0 | 0 | 243 | 100 |
| BURKINA FASO | | | | | | | | | | | | | | | | |
| 65501 DORI | 1402N | 00002W | 277 | | 980.1 | 1011.1 | 27.9 | | 8.9 | | 0 | 0 | | 5 | 300 | |
| 65502 OUAHIGOUYA | 1334N | 00225W | 336 | | 972.9 | 1010.1 | 28.4 | | | | 0 | 0 | | 4 | | |
| 65505 DEDOUGOU | 1228N | 00329W | 300 | | 976.8 | 1010.1 | 29.1 | | 11.5 | | 0 | 0 | | 4 | 292 | |
| 65507 FADA N'GOURMA | 1202N | 00022E | 309 | | 975.8 | 1010.1 | 28.0 | | 12.4 | | 0 | 0 | | 4 | 301 | |
| 65516 BOROMO | 1145N | 00256W | 271 | | 980.0 | 1010.2 | 28.0 | | 14.9 | | 0 | 0 | | 3 | 258 | |
| 65522 GAOUA | 1020N | 00311W | 335 | | 977.4 | 1009.9 | 27.2 | | 18.5 | | 0 | T | | 2 | 256 | |
| COTE D'IVOIRE | | | | | | | | | | | | | | | | |
| 65528 ODIENNE | 0930N | 00734W | 421 | | 963.4 | 1010.1 | 25.8 | .7 | 24.9 | 2.2 | 7 | 76 | 45 | 4 | 258 | 102 |
| 65536 KORHOGO | 0925N | 00537W | 381 | | 968.1 | 1010.5 | 26.6 | | 25.2 | | 2 | 30 | | | 266 | |
| 65545 BONDOUKOU | 0803N | 00247W | 370 | | 969.2 | 1010.6 | 26.5 | .5 | 25.6 | .1 | 4 | 26 | -5 | 0 | | |
| 65555 BOUAKE | 0744N | 00504W | 376 | | 967.8 | 1011.2 | 26.1 | .4 | 27.0 | 2.8 | 9 | 50 | 20 | 0 | 159 | 86 |
| 65557 GAGNOA | 0608N | 00557W | 210 | | 987.5 | 1011.2 | 26.0 | -.5 | 28.4 | .6 | 6 | 53 | -43 | 2 | 175 | 97 |
| 65560 DALOA | 0652N | 00628W | 277 | | 980.0 | 1011.0 | 25.9 | | 28.1 | | 6 | 124 | | | 200 | |
| 65578 ABIDJAN | 0515N | 00356W | 8 | | 1011.5 | 1012.4 | 28.3 | .9 | 36.6 | 6.5 | 17 | 191 | 48 | | | |
| MALAWI | | | | | | | | | | | | | | | | |
| 67586 LILONGWE INT'L AIRPORT | 1347S | 03346E | 1229 | | | 1537 Y | 23.8 | | 16.0 | | 3 | | | | 288 | |
| ZIMBABWE | | | | | | | | | | | | | | | | |
| 67775 HARARE (KUTSAGA) | 1755S | 03108E | 1480 | | 853.8 | 1515 Y | 21.5 | .3 | 15.2 | | 7 | 73 | -28 | 2 | | |
| 67964 BULAWAYO (GOETZ OBSY.) | 2009S | 02837E | 1344 | | 867.6 | 1519 Y | 21.4 | | 18.4 | | 17 | 114 | 23 | 4 | 181 | 80 |
| SOUTH AFRICA | | | | | | | | | | | | | | | | |
| 68174 PIETERSBURG | 2350S | 02925E | 1237 | | 883.2 | 1528 Y | 19.4 | | 17.8 | | 11 | 215 | 207 | 6 | 162 | 69 |
| 68242 MMABATHO | 2547S | 02532E | 1251 | | 872.0 | 1520 Y | 20.6 | | 16.2 | | 10 | 98 | | | 220 | |
| 68262 PRETORIA | 2544S | 02811E | 1306 | | 873.6 | 1536 Y | 20.7 | | 17.8 | | 11 | 129 | 119 | 4 | 161 | 64 |
| 68368 JOHANNESBURG INT. AIRPORT | 2608S | 02814E | 1720 | | 832.4 | 1522 Y | 16.8 | | 15.9 | | 12 | 110 | 99 | 3 | 173 | 70 |
| 68424 UPINGTON | 2842S | 02127E | 850 | | 922.2 | 1510 Y | 24.4 | | 13.8 | | 7 | 82 | 81 | 6 | 293 | 85 |
| 68438 KIMBERLEY | 2848S | 02446E | 1196 | | 881.6 | 1516 Y | 22.1 | | 17.6 | | 7 | 82 | 78 | 5 | 266 | 86 |
| 68442 BLOEMFONTEIN AIRPORT | 2911S | 02630E | 1359 | | 862.0 | 1520 Y | 18.1 | | 13.9 | | 13 | 161 | 156 | 4 | 225 | 76 |
| 68461 BETHLEHEM | 2825S | 02833E | 1690 | | 833.3 | 1532 Y | 16.2 | | 14.9 | | 13 | 96 | | 4 | 230 | |
| 68512 SPRINGBOK | 2967S | 01790E | 1007 | | 902.3 | 1510 Y | 18.7 | | 11.8 | | | 1 | | 3 | 339 | |
| 68538 DE AAR | 3065S | 02400E | 1287 | | 871.7 | 1516 Y | 20.0 | | 12.7 | | 9 | 93 | | 5 | 282 | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| 68588 DURBAN INTNL. AIRPORT | 2958S | 03095E | 14 | | 1013.7 | 1015.3 | 22.4 | | 22.0 | | 16 | 191 | 181 | 5 | 165 | 99 |
| 68618 CALVINIA | 3128S | 01946E | 975 | | 902.2 | 1511 Y | 19.3 | | 10.8 | | 3 | 36 | | 5 | 313 | |
| 68816 CAPE TOWN INTNL. AIRPORT | 3397S | 01860E | 46 | | 1009.5 | 1014.5 | 19.1 | | 14.9 | | 4 | 13 | 12 | 3 | 321 | 104 |
| 68828 GEORGE AIRPORT | 3401S | 02223E | 190 | | 993.4 | 1015.9 | 17.5 | | 15.6 | | 14 | 170 | | | 191 | |
| 68842 PORT ELIZABETH | 3398S | 02562E | 69 | | 1008.9 | 1016.1 | 18.3 | | 17.3 | | 13 | 97 | 93 | 5 | 186 | 74 |
| 68858 EAST LONDON | 3302S | 02750E | 125 | | 1002.0 | 1016.7 | 19.7 | | 18.4 | | 15 | 182 | 171 | 5 | 180 | 84 |
| 68906 GOUGH ISLAND | 4021S | 00953W | 54 | | 1011.7 | 1018.3 | 12.7 | | 11.9 | | 16 | 243 | 217 | 3 | 133 | 83 |
| N AMERICA | | | | | | | | | | | | | | | | |
| USA (ALASKA) | | | | | | | | | | | | | | | | |
| 70026 BARROW/W. POST W. ROGERS | 7118N | 15647W | 4 | | | 1014.6 | -17.4 | 1.3 | | | 5 | 11 | 5 | 4 | | |
| 70133 KOTZEBUE, RALPH WIEN | 6652N | 16238W | 5 | | | 1009.2 | -14.0 | - .6 | 1.7 | | 0 | T | -15 | 1 | | |
| 70200 NOME | 6430N | 16526W | 7 | | | 1006.6 | -10.1 | -1.2 | 2.3 | | | | -25 | 1 | | |
| 70219 BETHEL/BETHEL AIRPORT, AK. | 6047N | 16148W | 46 | | | 1003.2 | -12.0 | -3.6 | 2.3 | | 1 | 1 | -26 | 1 | | |
| 70231 MCGRATH | 6258N | 15537W | 103 | | | 1006.6 | -19.6 | -4.3 | | | | 3 | -29 | 1 | | |
| 70261 FAIRBANKS/INT. | 6449N | 14752W | 138 | | | 1008.0 | -17.4 | -1.1 | | | | 2 | -18 | 1 | | |
| 70273 ANCHORAGE/INT. | 6110N | 15001W | 40 | | | 1000.4 | -6.8 | - .8 | | | 2 | 7 | -21 | 1 | | |
| 70308 ST. PAUL | 5709N | 17013W | 9 | | | 997.6 | 1.3 | .7 | 5.6 | | 18 | 61 | -10 | 3 | | |
| 70316 COLD BAY | 5512N | 16243W | 31 | | | 996.3 | 1.1 | - .2 | 5.6 | | 18 | 90 | -16 | 3 | | |
| 70326 KING SALMON | 5841N | 15639W | 15 | | | 998.5 | -7.0 | -1.6 | | | 1 | 4 | -33 | 1 | | |
| 70361 YAKUTAT | 5931N | 13940W | 9 | | | 1001.7 | - .2 | .2 | 6.5 | | 17 | 164 | -204 | 2 | | |
| 70398 ANNETTE ISLAND | 5502N | 13134W | 34 | | | 1005.3 | 4.2 | .1 | 6.5 | | 22 | 254 | -42 | 2 | | |
| USA | | | | | | | | | | | | | | | | |
| 72201 KEY WEST/INT., FL. | 2433N | 08145W | 6 | | | 1017.1 | 23.6 | - .6 | 22.2 | | 7 | 72 | 0 | 4 | | |
| 72202 MIAMI, FL. | 2549N | 08017W | 4 | | | 1017.5 | 23.4 | .3 | 22.3 | | 5 | 36 | -31 | 2 | | |
| 72203 WEST PALM BEACH/INT., FL. | 2641N | 08006W | 6 | | | 1017.9 | 22.9 | .5 | 20.6 | | 4 | 45 | -74 | 2 | | |
| 72205 ORLANDO/JETPORT, FL. | 2826N | 08119W | 32 | | | 1019.2 | 20.8 | .8 | 18.8 | | 6 | 43 | -15 | 3 | | |
| 72206 JACKSONVILLE/INTNL., FL. | 3030N | 08142W | 9 | | | 1020.5 | 18.2 | 1.6 | 16.9 | | 3 | 37 | -18 | 3 | | |
| 72207 SAVANNAH/MUNICIPAL, GA. | 3208N | 08112W | 15 | | | 1021.6 | 17.1 | 2.0 | 14.6 | | 2 | 4 | -51 | 5 | | |
| 72208 CHARLESTON/MUN., SC. | 3254N | 08002W | 15 | | | 1021.6 | 17.5 | 2.8 | 16.4 | | 4 | 14 | -49 | 1 | | |
| 72211 TAMPA/INT., FL. | 2758N | 08232W | 3 | | | 1019.2 | 21.8 | 2.1 | 19.0 | | 1 | 3 | -42 | 1 | | |
| 72214 TALLAHASSEE/MUN., FL. | 3023N | 08422W | 21 | | | 1020.5 | 17.4 | 2.0 | 15.3 | | 3 | 54 | -44 | 2 | | |
| 72217 MACON/LEWIS B. WILSON, GA. | 3242N | 08339W | 110 | | | 1021.5 | 15.4 | 2.1 | 11.8 | | 3 | 63 | -6 | 4 | | |
| 72218 AUGUSTA/BUSH FIELD, GA. | 3322N | 08158W | 45 | | | 1021.8 | 14.9 | 2.1 | 11.8 | | 4 | 21 | -42 | 2 | | |
| 72219 ATLANTA/MUN., GA. | 3339N | 08425W | 315 | | | 1021.9 | 15.4 | 3.7 | 11.3 | | 5 | 24 | -74 | 1 | | |
| 72223 MOBILE/BATES FIELD, AL. | 3041N | 08815W | 67 | | | 1020.6 | 17.7 | 2.3 | 15.7 | | 3 | 32 | -72 | 2 | | |
| 72226 MONTGOMERY/DANNELLY, AL. | 3218N | 08624W | 62 | | | 1021.1 | 15.7 | 2.0 | 13.5 | | 5 | 75 | -28 | 3 | | |
| 72231 NEW ORLEANS/MOISANT INT., LA | 2959N | 09015W | 9 | | | 1020.2 | 18.3 | 2.1 | 16.3 | | 5 | 65 | -47 | 3 | | |
| 72234 MERIDIAN/KEY, MS. | 3220N | 08845W | 94 | | | 1020.4 | 14.8 | | 13.9 | | 4 | 163 | | 5 | | |
| 72235 JACKSON/ALLEN C. THOMP., MS. | 3219N | 09005W | 101 | | | 1020.5 | 15.4 | 2.2 | 12.1 | | 5 | 161 | 39 | 4 | | |
| 72240 LAKE CHARLES/MUN., LA. | 3007N | 09313W | 10 | | | 1020.4 | 17.5 | 1.7 | 15.1 | | 4 | 75 | -33 | 3 | | |
| 72242 GALVESTON, TX. | 2918N | 09448W | 16 | | | 1019.4 | 20.1 | 2.2 | 18.4 | | 5 | 111 | 26 | 5 | | |
| 72243 HOUSTON/INTERCONTI- NENTAL, | 2958N | 09521W | 33 | | | 1019.4 | 17.5 | 1.4 | 16.1 | | 5 | 66 | -30 | 3 | | |
| 72248 SHREVEPORT/REG., LA. | 3228N | 09347W | 79 | | | 1019.8 | 15.4 | 1.7 | 13.2 | | 6 | 106 | -7 | 3 | | |
| 72250 BROWNSVILLE/INT., TX. | 2555N | 09725W | 7 | | | 1017.7 | 21.3 | .9 | 18.8 | | 4 | 62 | 24 | 5 | | |
| 72251 CORPUS CHRISTI/INT., TX. | 2746N | 09730W | 13 | | | 1018.2 | 19.4 | .7 | 18.9 | | 8 | 189 | 149 | 6 | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 _c | O _c | mb | mb | | mm | mm | | hr | |
| 72253 SAN ANTONIO/INT., TX. | 2932N | 09828W | 242 | | | 1018.2 | 17.2 | 1.4 | 14.9 | | 5 | 111 | 45 | 5 | | |
| 72254 AUSTIN/ROBERT MUELLER., TX. | 3018N | 09742W | 189 | | | 1019.1 | 16.0 | -1 | 15.6 | | 8 | 232 | 172 | 6 | | |
| 72255 VICTORIA/VICTORIA REG., TX. | 2851N | 09655W | 36 | | | 1019.0 | 18.0 | .8 | 17.6 | | 7 | 97 | 35 | 4 | | |
| 72256 WACO,MADISON-COOPER, TX. | 3137N | 09713W | 155 | | | 1019.3 | 15.9 | 1.6 | 14.5 | | 9 | 143 | 82 | 5 | | |
| 72259 DALLAS-FORT WORTH/FORT., TX. | 3254N | 09702W | 182 | | | 1019.1 | 15.4 | 2.0 | 12.9 | | 5 | 27 | -31 | 2 | | |
| 72263 SAN ANGELO/MATHIS, TX. | 3122N | 10030W | 582 | | | 1018.6 | 14.6 | 1.6 | 11.0 | | 6 | 88 | 61 | 6 | | |
| 72265 MIDLAND/MIDLAND REG., TX. | 3157N | 10211W | 872 | | | 1017.2 | 12.4 | 1.0 | 9.9 | | 5 | 34 | 17 | 4 | | |
| 72266 ABILENE/MUN., TX. | 3225N | 09941W | 546 | | | 1018.4 | 14.7 | 2.0 | 11.5 | | 6 | 86 | 49 | 5 | | |
| 72267 LUBBOCK/LUBBOCK INTL, TX. | 3339N | 10149W | 988 | | | 1017.1 | 11.4 | 1.5 | 9.5 | | 8 | 84 | 65 | 6 | | |
| 72270 EL PASO/INT., TX. | 3148N | 10624W | 1194 | | | 1015.9 | 12.7 | 1.4 | 7.9 | | 4 | 15 | 4 | 5 | | |
| 72274 TUCSON/INT., AZ. | 3207N | 11056W | 779 | | | 1014.6 | 17.3 | 2.2 | 7.6 | | 1 | 1 | -16 | 2 | | |
| 72278 PHOENIX/SKY HARBOR INTL, AZ. | 3326N | 11201W | 337 | | | 1014.3 | 20.2 | 3.6 | 8.3 | | 1 | 5 | -11 | 3 | | |
| 72290 SAN DIEGO/LINDBERGH, CA. | 3244N | 11710W | 9 | | | 1017.7 | 16.3 | -4 | 15.8 | | 4 | 25 | -11 | 3 | | |
| 72295 LOS ANGELES/INT., CA. | 3356N | 11824W | 32 | | | 1017.1 | 16.0 | -4 | 6.5 | | 4 | 34 | -10 | 4 | | |
| 72304 CAPE HATTERAS, NC. | 3516N | 07533W | 3 | | | | 15.7 | 1.8 | | | 5 | 29 | -97 | 0 | | |
| 72306 RALEIGH/RALEIGH-DURHAM, NC. | 3552N | 07847W | 134 | | | 1023.2 | 13.1 | 2.4 | 11.3 | | 2 | 13 | -62 | 0 | | |
| 72308 NORFOLK/INT., VA. | 3654N | 07612W | 9 | | | 1022.6 | 13.3 | 1.9 | 11.4 | | 1 | 2 | -70 | 0 | | |
| 72310 COLUMBIA, SC. | 3357N | 08107W | 69 | | | 1022.1 | 14.9 | 2.3 | 11.4 | | 3 | 18 | -55 | 1 | | |
| 72312 GREENVILLE/SPATANBURG, SC | 3454N | 08213W | 296 | | | 1021.9 | 13.6 | 2.7 | 10.8 | | 3 | 50 | -42 | 1 | | |
| 72314 CHARLOTTE/DOUGLAS, NC. | 3513N | 08056W | 234 | | | 1022.6 | 13.5 | 2.3 | 11.4 | | 3 | 21 | -61 | 5 | | |
| 72315 ASHEVILLE/MUN., NC | 3526N | 08233W | 661 | | | 1022.9 | 10.9 | 2.3 | 8.6 | | 5 | 36 | -55 | 1 | | |
| 72317 GREENSBORO/G.-HIGH PT., NC. | 3605N | 07957W | 270 | | | 1022.8 | 12.6 | 2.9 | 10.3 | | 4 | 9 | -66 | 1 | | |
| 72324 CHATTANOOGA/LOVELL FIELD, TN | 3502N | 08512W | 210 | | | 1022.3 | 13.3 | 3.0 | 10.1 | | 4 | 123 | 6 | 4 | | |
| 72326 KNOXVILLE/MUN., TN. | 3549N | 08359W | 299 | | | 1022.0 | 12.2 | 2.9 | 9.0 | | 7 | 40 | -55 | 1 | | |
| 72327 NASHVILLE/METROPOLITAN, TN. | 3607N | 08641W | 180 | | | 1021.9 | 12.4 | 2.4 | 10.4 | | 5 | 129 | 25 | 5 | | |
| 72340 NORTH LITTLE ROCK/MUNICIPAL | 3450N | 09215W | 165 | | | | 13.1 | | | | 7 | 157 | | 3 | | |
| 72344 FORT SMITH/MUN., AR. | 3520N | 09422W | 141 | | | 1020.0 | 13.4 | 3.1 | 11.8 | | 7 | 50 | -51 | 2 | | |
| 72351 WICHITA FALLS/SHEPS AFB TX | 3358N | 09829W | 314 | | | 1018.4 | 14.2 | 2.9 | 11.5 | | 6 | 16 | -23 | 2 | | |
| 72365 ALBUQUERQUE/INT.,NM. | 3503N | 10637W | 1620 | | | 1017.5 | 8.8 | 2.0 | 5.6 | | 4 | 17 | 7 | 5 | | |
| 72386 LAS VEGAS/MCCARRAN, NV. | 3605N | 11510W | 664 | | | 1016.3 | 14.9 | 2.1 | 6.5 | | 1 | 2 | -8 | 2 | | |
| 72389 FRESNO/AIR TERM., CA. | 3646N | 11943W | 100 | | | 1018.3 | 13.6 | 1.6 | 6.5 | | 5 | 51 | 17 | 5 | | |
| 72401 RICHMOND/BYRD, VA. | 3730N | 07720W | 54 | | | 1023.1 | 12.5 | 2.7 | 11.1 | | 1 | 4 | -76 | 0 | | |
| 72405 WASHINGTON/NAT., VA. | 3851N | 07702W | 20 | | | 1022.6 | 12.6 | 2.7 | 9.5 | | 2 | 14 | -65 | 1 | | |
| 72406 BALTIMORE/BALTIMORE-WASHINGT | 3911N | 07640W | 47 | | | 1022.1 | 10.3 | 2.1 | 8.8 | | 2 | 26 | -58 | 1 | | |
| 72407 ATLANTIC CITY, NJ. | 3927N | 07434W | 20 | | | 1022.2 | 9.5 | 1.8 | 8.6 | | 4 | 27 | -63 | 1 | | |
| 72408 PHILADELPHIA/INT., PA. | 3953N | 07515W | 9 | | | 1022.2 | 11.6 | 3.6 | 9.0 | | 3 | 14 | -70 | 1 | | |
| 72411 ROANOKE/MUN., VA. | 3719N | 07958W | 358 | | | 1022.8 | 11.7 | 3.1 | 8.2 | | 3 | 15 | -66 | 1 | | |
| 72412 BECKLEY (RALEIGH CTY.)MUN.)WV. | 3747N | 08107W | 766 | | | 1023.0 | 9.6 | 3.3 | 8.9 | | 4 | 17 | -58 | 0 | | |
| 72414 CHARLESTON/KANAWHA., WV. | 3822N | 08136W | 299 | | | 1022.4 | 10.1 | 1.9 | 8.8 | | 7 | 36 | -55 | 5 | | |
| 72421 CINCINNATI/GREATER CIN., OH. | 3903N | 08440W | 267 | | | 1021.4 | 9.9 | 3.1 | 9.9 | | 7 | 84 | -3 | 4 | | |
| 72422 LEXINGTON/BLUE GRASS, KY. | 3802N | 08436W | 301 | | | 1022.5 | 11.0 | | 9.2 | | 7 | 84 | | 3 | | |
| 72423 LOUISVILLE/STANDIFORD, KY. | 3811N | 08544W | 149 | | | 1021.5 | 11.8 | 3.4 | 10.8 | | 6 | 131 | 37 | 5 | | |
| 72425 HUNTINGTON, WV | 3822N | 08233W | 255 | | | 1022.0 | 10.6 | 2.5 | 8.4 | | 7 | 35 | -48 | 1 | | |
| 72428 COLUMBUS/PORT COLUMBUS, OH. | 4000N | 08352W | 254 | | | 1021.6 | 9.7 | 3.6 | 9.8 | | 9 | 94 | 13 | 5 | | |
| 72429 DAYTON/. COX, OH | 3952N | 08407E | 306 | | | 1022.0 | 9.1 | 3.0 | 9.6 | | 8 | 73 | -5 | 4 | | |
| 72432 EVANSVILLE/REG., IN. | 3803N | 08732W | 118 | | | 1021.6 | 10.3 | 2.4 | 8.9 | | 6 | 138 | 44 | 5 | | |
| 72434 ST. LOUIS/LAMBERT, ST., MO. | 3845N | 09022W | 172 | | | 1020.3 | 11.7 | 3.8 | 9.0 | | 8 | 78 | -5 | 4 | | |
| 72438 INDIANAPOLIS/I.-MUN/WEI.,IN. | 3944N | 08616W | 246 | | | 1020.9 | 9.7 | 3.6 | 9.4 | | 8 | 68 | -14 | 3 | | |
| 72439 SPRINGFIELD/CAPITAL, IL. | 3951N | 08940W | 187 | | | 1019.9 | 10.0 | 3.9 | 8.7 | | 7 | 66 | 2 | 4 | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | °C | mb | mb | | mm | mm | | hr | |
| 72445 COLUMBIA/REGIONAL, MO. | 3849N | 09213W | 274 | | | 1019.7 | 10.4 | 3.7 | 9.9 | | 8 | 41 | -33 | 2 | | |
| 72476 GRAND JUNCTION/WALKER F.,CO. | 3907N | 10832W | 1475 | | | 1018.7 | 6.5 | 1.8 | 5.9 | | 5 | 27 | 9 | 5 | | |
| 72483 SACRAMENTO/EXECUTIVECA. | 3831N | 12130W | 8 | | | 1017.7 | 13.4 | 1.6 | 11.7 | | 7 | 61 | -8 | 4 | | |
| 72486 ELY/YELLAND, NV. | 3917N | 11451W | 1909 | | | 1019.7 | 1.9 | .7 | | | 5 | 20 | 3 | 4 | | |
| 72488 RENO/INT., NV. | 3930N | 11947W | 1341 | | | 1017.8 | 7.1 | 2.5 | 6.5 | | 3 | 21 | -1 | 4 | | |
| 72494 SAN FRANCISCO/INTL, CA. | 3737N | 12223W | 5 | | | 1017.8 | 14.1 | 1.4 | 12.7 | | 9 | 115 | 43 | 5 | | |
| 72503 NEW YORK/LA GUARDIA, NY. | 4046N | 07354W | 9 | | | 1021.2 | 11.9 | 3.3 | 8.5 | | 5 | 23 | -73 | 1 | | |
| 72507 PROVIDENCE/GREEN STATE, RI. | 4144N | 07126W | 19 | | | 1020.8 | 8.6 | 1.9 | 8.9 | | 2 | 8 | -104 | 0 | | |
| 72508 HARTFORD/BRADLEY INTL, CT. | 4156N | 07241W | 55 | | | 1020.7 | 7.6 | 2.1 | 7.5 | | 6 | 22 | -80 | 1 | | |
| 72509 BOSTON/LOGAN INT., MA | 4222N | 07102W | 9 | | | 1020.4 | 9.0 | 1.6 | 9.5 | | 7 | 19 | -88 | 1 | | |
| 72513 WILKES-BARRE-SCRANTON, PA. | 4120N | 07544W | 289 | | | 1020.7 | 8.0 | 2.8 | 7.8 | | 8 | 48 | -29 | 2 | | |
| 72515 BINGHAMTON/BROOME CO., NY. | 4213N | 07559W | 497 | | | 1021.4 | 6.8 | 3.3 | 7.9 | | 9 | 47 | -36 | 1 | | |
| 72517 ALLENTOWN/A.-BETHLEHEM-,PA. | 4039N | 07526W | 117 | | | 1021.9 | 8.3 | 2.1 | 8.4 | | 5 | 28 | -70 | 5 | | |
| 72519 SYRACUSE/HANCOCK, NY. | 4307N | 07607W | 124 | | | 1020.0 | 8.4 | 3.7 | 8.5 | | 12 | 74 | -20 | 3 | | |
| 72520 PITTSBURGH/GREATER PITT.,PA. | 4030N | 08013W | 373 | | | 1022.4 | 8.9 | 3.2 | 8.1 | | 8 | 88 | 16 | 4 | | |
| 72521 AKRON/AKRON-CANTON REG., OH. | 4055N | 08126W | 377 | | | 1021.3 | 8.4 | 2.8 | 9.5 | | 8 | 72 | -4 | 5 | | |
| 72525 YOUNGSTOWN, OH. | 4116N | 08040W | 361 | | | 1021.2 | 8.7 | 3.7 | 9.0 | | 9 | 80 | 1 | 4 | | |
| 72528 BUFFALO/GREATER BUFFALO, NY. | 4256N | 07844W | 215 | | | 1019.9 | 8.2 | 3.5 | 8.7 | | 10 | 85 | -12 | 3 | | |
| 72529 ROCHESTER/R-MONROE CTY., NY. | 4307N | 07740W | 169 | | | 1020.0 | 8.3 | 3.6 | 8.6 | | 10 | 48 | -26 | 2 | | |
| 72530 CHICAGO/O'HARE, IL. | 4159N | 08754W | 205 | | | 1018.8 | 9.0 | 4.6 | 8.4 | | 8 | 31 | -43 | 2 | | |
| 72532 PEORIA/GREATER PEORIA, IL. | 4040N | 08941W | 202 | | | 1019.4 | 10.0 | 4.9 | 9.7 | | 8 | 48 | -20 | 3 | | |
| 72533 FORT WAYNE/MUN.,BAER FL.,IN. | 4100N | 08512W | 252 | | | 1020.9 | 8.4 | 3.2 | 9.9 | | 10 | 58 | -12 | 3 | | |
| 72535 SOUTH BEND/ST.JOSEPH CO.,IN. | 4142N | 08619W | 236 | | | 1020.1 | 9.1 | 4.2 | 8.9 | | 10 | 44 | -39 | 3 | | |
| 72536 TOLEDO/EXPRESS, OH. | 4136N | 08348W | 211 | | | 1020.2 | 9.1 | 4.7 | 9.8 | | 9 | 54 | -17 | 3 | | |
| 72537 DETROIT/METROPOLITAN, MI. | 4214N | 08320W | 202 | | | 1020.0 | 8.6 | 4.0 | 8.6 | | 8 | 60 | -7 | 5 | | |
| 72544 MOLINE/QUAD CITY, IL. | 4127N | 09031W | 181 | | | 1018.4 | 9.9 | 5.7 | 8.8 | | 4 | 38 | -25 | 3 | | |
| 72546 DES MOINES/MUN., IA. | 4132N | 09339W | 294 | | | 1017.7 | 9.9 | 6.0 | 9.3 | | 5 | 26 | -19 | 3 | | |
| 72556 NORFOLK/KARL STEFAN, NE. | 4159N | 09726W | 473 | | | 1016.8 | 8.0 | 5.7 | 7.9 | | 4 | 75 | 50 | 5 | | |
| 72557 SIOUX CITY/MUN., IA. | 4224N | 09623W | 336 | | | 1017.6 | 8.0 | 5.6 | 8.4 | | 4 | 78 | 51 | 5 | | |
| 72562 NORTH PLATTE/LEE BIRD, NE. | 4108N | 10041W | 849 | | | 1018.8 | 3.9 | 2.0 | 6.3 | | 3 | 25 | 9 | 4 | | |
| 72564 CHEYENNE, WY. | 4109N | 10449W | 1872 | | | 1018.0 | 3.9 | | 3.9 | | 2 | 6 | | 2 | | |
| 72569 CASPER/NATRONA COUNTY I.,WY. | 4255N | 10628W | 1612 | | | 1017.8 | 3.8 | 3.2 | 4.9 | | 7 | 20 | 1 | 4 | | |
| 72572 SALT LAKE CITY/INTL, UT. | 4047N | 11158W | 1288 | | | 1019.0 | 5.9 | 1.0 | 7.2 | | 13 | 76 | 44 | 6 | | |
| 72576 LANDER/HUNT, WY. | 4249N | 10844W | 1694 | | | 1018.2 | 1.8 | 2.2 | 4.4 | | 4 | 11 | -9 | 3 | | |
| 72578 POCATELLO/NUM., ID. | 4255N | 11236W | 1365 | | | 1020.7 | 3.1 | 1.1 | 6.5 | | 4 | 19 | -10 | 3 | | |
| 72583 WINNEMUCCA/MUN., NV. | 4054N | 11748W | 1322 | | | 1018.6 | 4.1 | .9 | | | 4 | 24 | 1 | 4 | | |
| 72594 EUREKA, CA. | 4048N | 12410W | 18 | | | | 10.2 | -.7 | | | 14 | 196 | 33 | 4 | | |
| 72597 MEDFORD/MEDFORD- JACKSON COU | 4222N | 12252W | 405 | | | 1016.3 | 8.5 | | 8.4 | | 14 | 106 | | 5 | | |
| 72605 CONCORD/MUN., NH. | 4312N | 07130W | 105 | | | 1020.4 | 4.8 | | 6.9 | | 8 | 28 | | 1 | | |
| 72606 PORTLAND/INTNL. JET PORT, ME | 4339N | 07019W | 19 | | | 1019.8 | 5.1 | 1.4 | 6.5 | | 7 | 56 | -75 | 1 | | |
| 72617 BURLINGTON/INTL, VT. | 4428N | 07309W | 104 | | | 1019.9 | 5.7 | 3.0 | 6.8 | | 9 | 46 | -33 | 2 | | |
| 72635 GRAND RAPIDS/KENT CO., MI. | 4253N | 08531W | 245 | | | 1019.0 | 8.1 | 4.8 | 8.4 | | 11 | 57 | -27 | 2 | | |
| 72636 MUSKEGON/COUNTY, MI. | 4310N | 08615W | 193 | | | 1018.8 | 7.7 | 3.6 | 8.9 | | 11 | 56 | -24 | 5 | | |
| 72637 FLINT/BISHOP, MI. | 4258N | 08345W | 233 | | | 1019.6 | 8.1 | 4.0 | 9.1 | | 12 | 80 | 14 | 4 | | |
| 72640 MILWAUKEE/GEN. MITCHELL, WI. | 4257N | 08754W | 211 | | | 1018.1 | 8.6 | 5.4 | 8.3 | | 8 | 25 | -38 | 1 | | |
| 72641 MADISON/DANE COUNTY REGIONAL | 4308N | 08920W | 264 | | | 1017.7 | 7.8 | 5.9 | 7.9 | | 9 | 40 | -13 | 3 | | |
| 72644 ROCHESTER/MUN., MN. | 4355N | 09230W | 402 | | | 1016.7 | 7.5 | 7.2 | 8.9 | | 8 | 52 | 12 | 4 | | |
| 72645 GREEN BAY/A.-STRAUBEL, WI. | 4429N | 08808W | 214 | | | 1017.5 | 6.3 | 5.0 | 8.1 | | 9 | 43 | -11 | 5 | | |
| 72651 SIOUX FALLS/FOSS FIELD, SD. | 4335N | 09644W | 435 | | | 1016.4 | 6.4 | 5.8 | 7.8 | | 4 | 121 | 94 | 6 | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | | | |
| 72654 HURON/HURON REGIONAL, SD. | 4423N | 09813W | 393 | | | 1016.4 | 5.7 | 5.5 | 6.6 | | 3 | 60 | 42 | 5 | | |
| 72658 MINNEAPOLIS/ST.PAUL INTL,MN. | 4453N | 09313W | 255 | | | 1016.0 | 8.0 | 7.3 | 8.1 | | 7 | 70 | 31 | 5 | | |
| 72662 RAPID CITY/REGIONAL AIRPORT, | 4403N | 10303W | 965 | | | 1017.8 | 4.5 | 2.9 | 4.1 | | 1 | 2 | -12 | 0 | | |
| 72666 SHERIDAN/COUNTY, WY. | 4446N | 10658W | 1209 | | | 1017.8 | 2.6 | 2.3 | 5.2 | | 4 | 15 | -6 | 2 | | |
| 72677 BILLINGS/LOGAN INT., MT. | 4548N | 10832W | 1088 | | | 1016.8 | 5.2 | 3.5 | 4.5 | | 3 | 9 | -12 | 2 | | |
| 72681 BOISE/MUN., ID. | 4334N | 11613W | 874 | | | 1018.6 | 6.7 | 2.3 | 6.4 | | 6 | 39 | 2 | 4 | | |
| 72688 PENDLETON, OR. | 4541N | 11851W | 456 | | | 1015.5 | 5.7 | .4 | 6.5 | | 10 | 29 | -11 | 3 | | |
| 72698 PORTLAND/INT., OR. | 4536N | 12236W | 12 | | | 1014.8 | 9.0 | 1.2 | 6.5 | | 19 | 175 | 40 | 5 | | |
| 72712 CARIBOU/MUN., ME. | 4652N | 06801W | 190 | | | 1018.5 | 1.9 | 2.6 | 5.5 | | 9 | 53 | -37 | 1 | | |
| 72734 SAULT STE. MARIE, MI. | 4628N | 08422W | 221 | | | 1016.7 | 4.7 | 4.1 | 7.1 | | 12 | 105 | 18 | 4 | | |
| 72745 DULUTH/INT., MN. | 4650N | 09211W | 432 | | | 1015.9 | 4.2 | 6.2 | 7.0 | | 5 | 56 | 11 | 3 | | |
| 72747 INT.FALLS/FALLS INT.MN. | 4834N | 09323W | 361 | | | 1016.5 | 2.7 | 6.6 | 6.2 | | 4 | 23 | -6 | 2 | | |
| 72753 FARGO/HECTOR FIELD, ND. | 4654N | 09648W | 274 | | | 1016.1 | 4.3 | 6.5 | 6.8 | | 1 | 26 | 8 | 1 | | |
| 72764 BISMARCK/MUN.,ND. | 4646N | 10045W | 506 | | | 1017.0 | 3.3 | 5.2 | 5.6 | | | 2 | -10 | 1 | | |
| 72767 WILLISTON/SLOULIN FIELD, ND. | 4811N | 10338W | 581 | | | 1017.5 | 1.8 | 4.5 | 5.0 | | 1 | 3 | -8 | 1 | | |
| 72768 GLASGOW/INTL, MT. | 4813N | 10637W | 700 | | | 1017.2 | 2.3 | 3.9 | 4.6 | | | 3 | -4 | 1 | | |
| 72772 HELENA/COUNTY-CITY, MT. | 4636N | 11200W | 1188 | | | 1019.4 | 4.2 | 4.4 | 4.8 | | 2 | 5 | -7 | 1 | | |
| 72773 MISSOULA/JOHNSON-BELL F.,MT. | 4655N | 11405W | 972 | | | 1019.6 | 2.3 | 2.1 | 6.5 | | 3 | 11 | -9 | 1 | | |
| 72781 YAKIMA/YAKIMA AIR TERM.,WA. | 4634N | 12032W | 325 | | | 1016.3 | 4.4 | .7 | 6.6 | | 8 | 50 | 24 | 5 | | |
| 72785 SPOKANE/INT.,WA. | 4738N | 11732W | 721 | | | 1016.1 | 4.5 | 2.8 | 7.0 | | 12 | 66 | 12 | 4 | | |
| 72792 OLYMPIA, WA. | 4658N | 12254W | 61 | | | 1013.3 | 7.3 | 1.5 | 6.5 | | 21 | 321 | 117 | 5 | | |
| 72793 SEATTLE/S.-TACOMA, WA. | 4727N | 12218W | 137 | | | 1013.5 | 8.2 | .8 | 6.5 | | 18 | 217 | 69 | 5 | | |
| 72797 QUILLAYUTE, WA. | 4757N | 12433W | 62 | | | 1012.5 | 7.5 | | 6.5 | | 23 | 317 | | 4 | | |
| CANADA | | | | | | | | | | | | | | | | |
| 71043 NORMAN WELLS, N.W.T. | 6517N | 12648W | 74 | | 1005.2 | 1015.0 | -16.3 | 3.4 | 1.6 | | 3 | 10 | -7 | 1 | 11 | |
| 71066 HIGH LEVEL, ALTA | 5837N | 11710W | 338 | | 972.0 | 1014.7 | -8.0 | 4.8 | 3.3 | | 15 | 32 | 3 | 6 | 47 | |
| 71069 SLAVE LAKE, ALTA | 5518N | 11447W | 581 | | 943.0 | 1013.9 | -3.2 | 3.2 | 3.9 | | 4 | 6 | -13 | 6 | | |
| 71078 LYNN LAKE, MAN. | 5652N | 10105W | 357 | | 974.0 | 1019.3 | -9.0 | 3.5 | 3.0 | | 4 | 21 | -10 | 6 | 38 | |
| 71079 THOMPSON WEATHER OFFICE-MAN. | 5548N | 09751W | 204 | | 990.6 | 1019.1 | -7.4 | 4.4 | 3.4 | | 4 | 18 | -15 | 6 | 53 | |
| 71081 HALL BEACH,N.W.T. | 6847N | 08115W | 8 | | 1007.1 | 1007.7 | -21.4 | -.6 | .9 | | 8 | 28 | 13 | 5 | | |
| 71090 CLYDE,N.W.T. | 7029N | 06831W | 26 | | 1002.6 | 1006.4 | -18.6 | -1.4 | 1.3 | | 5 | 16 | -4 | 3 | | |
| 71094 CAPE DYER,N.W.T. | 6635N | 06137W | 393 | | 909.6 | 999.5 | -14.1 | .8 | | | | | | | | |
| 71095 POND INLET, N.W.T. | 7242N | 07758W | 55 | | 1000.4 | 1008.0 | -23.8 | | .7 | | 4 | 12 | | 6 | | |
| 71101 SANDSPIT,B.C. | 5315N | 13149W | 6 | | 1003.0 | 1004.1 | 5.4 | .1 | 7.7 | | 18 | 150 | -39 | 2 | | |
| 71109 PORT HARDY,B.C. | 5041N | 12722W | 22 | | 1006.9 | 1009.5 | 6.2 | 1.0 | 8.4 | | 22 | 365 | 99 | 5 | 54 | 95 |
| 71197 PORT-AUX-BASQUES, NFLD. | 4734N | 05910W | 40 | | 1012.0 | 1017.0 | 3.4 | .4 | 6.4 | | 13 | 155 | 2 | 6 | | |
| 71600 SABLE ISLAND,N.S. | 4356N | 06001W | 4 | | 1018.6 | 1019.1 | 7.6 | .6 | 8.7 | | 8 | 59 | -87 | 1 | | |
| 71603 YARMOUTH, N.S. | 4350N | 06605W | 43 | | 1014.0 | 1019.3 | 5.7 | .9 | 8.3 | | 12 | 118 | -16 | 6 | 95 | |
| 71727 BAGOTVILLE,QUE. | 4820N | 07100W | 159 | | 998.2 | 1018.1 | .6 | 2.9 | 5.5 | | 15 | 70 | -8 | 3 | | |
| 71803 GANDER INT. AIRPORT, NFLD. | 4857N | 05434W | 151 | | 997.7 | 1016.4 | 1.9 | .5 | 6.2 | | 14 | 104 | -4 | 3 | 93 | 125 |
| 71811 SEPT-ILES, QUE. | 5013N | 06616W | 55 | | 1009.6 | 1016.5 | -1.6 | 1.1 | 4.7 | | 12 | 98 | -1 | 3 | 68 | 70 |
| 71813 NATASHQUAN,QUE. | 5011N | 06149W | 11 | | 1013.7 | 1014.6 | -1.0 | .4 | 5.3 | | 13 | 99 | -19 | 6 | | |
| 71816 GOOSE,NFLD. | 5319N | 06025W | 49 | | 1007.0 | 1013.2 | -3.2 | .8 | 4.5 | | 9 | 93 | 14 | 4 | 63 | 90 |
| 71828 SCHEFFERVILLE,QUE. | 5448N | 06648W | 518 | | 949.0 | 1013.4 | -8.0 | 1.1 | 3.3 | | 18 | 91 | 23 | 6 | | |
| 71831 KAPUSKASING,ONT. | 4925N | 08228W | 227 | | 989.2 | 1017.5 | -.2 | 4.4 | 5.7 | | 13 | 72 | -4 | 3 | | |
| 71842 SIOUX LOOKOUT,ONT. | 5007N | 09154W | 390 | | 968.7 | 1016.9 | .3 | 5.5 | 5.3 | | 9 | 61 | 13 | 6 | | |
| 71855 DAUPHIN,MAN. | 5106N | 10003W | 305 | | 979.4 | 1016.7 | .4 | 5.7 | 5.0 | | 4 | 17 | -5 | 6 | | |
| 71867 THE PAS, MAN. | 5358N | 10106W | 271 | | 983.6 | 1017.5 | -2.8 | 4.9 | 4.4 | | 1 | 15 | -11 | 3 | 56 | 80 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | | | |
| 71869 PRINCE ALBERT, SASK. | 5313N | 10541W | 428 | | 964.3 | 1017.4 | -2.4 | 5.1 | 4.4 | | 3 | 7 | -9 | 6 | 70 | |
| 71870 SWIFT CURRENT, SASK. | 5017N | 10741W | 818 | | 918.6 | 1015.8 | 1.4 | 5.4 | 4.5 | | 2 | 16 | 2 | 6 | | |
| 71887 KAMLOOPS, B.C. | 5042N | 12027W | 346 | | 971.8 | 1013.7 | 5.3 | 3.6 | 6.3 | | 5 | 13 | -9 | 6 | 74 | |
| 71905 KUUJJUARAPIK, QUE. | 5517N | 07746W | 10 | | 1012.5 | 1013.8 | -2.5 | 2.5 | 4.2 | | 17 | 82 | 20 | 6 | | |
| 71906 KUUJJUAQ, QUE. | 5806N | 06825W | 37 | | 1006.8 | 1011.8 | -6.3 | 2.0 | 3.2 | | 8 | 24 | -23 | 1 | | |
| 71907 INUKJUAK, QUE | 5827N | 07807W | 6 | | 1008.9 | 1011.7 | -4.5 | 2.6 | 4.0 | | 20 | 56 | 12 | 4 | | |
| 71909 IQALUIT, N.W.T. | 6345N | 06833W | 34 | | 1001.9 | 1006.1 | -13.0 | - .3 | 2.2 | | 10 | 22 | -8 | 2 | | |
| 71910 CAPE DORSET, N.W.T. | 6413N | 07632W | 50 | | 1001.0 | 1007.6 | -11.5 | | 2.3 | | 8 | 29 | | 6 | | |
| 71924 RESOLUTE, N.W.T. | 7443N | 09459W | 67 | | 1004.4 | 1013.7 | -24.2 | .1 | .6 | | 2 | 3 | -2 | 2 | | |
| 71926 BAKER LAKE, N.W.T. | 6418N | 09605W | 18 | | 1014.0 | 1016.4 | -18.1 | 2.5 | 1.5 | | 7 | 20 | 1 | 4 | 46 | |
| 71932 FORT MCMURRAY, ALTA. | 5639N | 11113W | 369 | | 969.5 | 1015.3 | -4.2 | 4.8 | 3.7 | | 7 | 16 | -10 | 6 | | |
| 71935 HAY RIVER, N.W.T. | 6050N | 11547W | 166 | | 993.9 | 1015.1 | -8.8 | 3.6 | 3.1 | | 11 | 44 | 12 | 6 | | |
| 71945 FORT NELSON, B.C. | 5850N | 12235W | 382 | | 966.7 | 1015.0 | -11.4 | 1.9 | 2.6 | | 12 | 43 | 22 | 5 | 26 | 40 |
| 71950 SMITHERS, B.C. | 5449N | 12711W | 523 | | 946.3 | 1009.3 | -1.2 | 1.3 | 5.1 | | 15 | 83 | 29 | 6 | 50 | |
| 71957 INUVIK, N.W.T. | 6818N | 13329W | 68 | | 1007.3 | 1015.8 | -18.2 | 3.3 | 1.3 | | 3 | 8 | -9 | 1 | | |
| 71964 WHITEHORSE, Y.T. | 6043N | 13504W | 703 | | 922.3 | 1008.9 | -9.3 | .7 | 3.0 | | 5 | 12 | -6 | 2 | 19 | 40 |
| MEXICO | | | | | | | | | | | | | | | | |
| 76390 SALTILLO, COAH | 2527N | 10059W | 1790 | | 823.0 | 1012.8 | 14.1 | | 9.3 | | 3 | 14 | | 0 | 245 | |
| 76393 MONTERREY, N.L. | 2552N | 10012W | 512 | | 958.0 | 1016.8 | 18.5 | | 16.5 | | 8 | 69 | | 5 | 134 | |
| 76402 CIUDAD CONSTITUCION B.C.S. | 2500N | 11140W | 48 | | 1010.2 | 1015.8 | 21.5 | | 19.3 | | 0 | 0 | | 0 | 267 | |
| 76405 LA PAZ, B.C.S. | 2416N | 11025W | 18 | | 1012.0 | 1014.1 | 24.1 | | 21.4 | | 0 | 0 | | 0 | 244 | 120 |
| 76423 DURANGO, DGO | 2402N | 10440W | 1872 | | 817.5 | 1015.3 | 15.0 | | 7.6 | | 0 | 0 | | 0 | 253 | |
| 76556 TEPIC, NAY | 2131N | 10454W | 922 | | 910.2 | 1011.1 | 20.3 | | 18.1 | | 0 | 0 | | 0 | 269 | |
| 76577 GUANAJUATO, GTO. | 2101N | 10115W | 1999 | | 805.7 | 1015.4 | 15.1 | -1.0 | 14.2 | 3.1 | 2 | 4 | -11 | 1 | 261 | 104 |
| 76647 VALLADOLID, YUC. | 2042N | 08813W | 22 | | 1012.2 | 1015.2 | 24.5 | | 24.3 | | 5 | 12 | | 1 | 225 | |
| 76698 FELIPE CARRILLO PUERTO, Q.RO | 1935N | 08802W | 20 | | 1014.7 | 1015.9 | 26.2 | | 24.8 | | 7 | 70 | | 2 | 221 | |
| 76750 CHETUMAL, Q.ROO | 1829N | 08818W | 9 | | 1014.7 | 1015.7 | 25.8 | | 25.6 | | 3 | 10 | | 0 | 204 | |
| 76805 ACAPULCO, GRO. | 1650N | 09956W | 13 | | 1011.6 | 1012.0 | 27.0 | | 27.6 | -2.2 | 0 | 0 | -50 | 0 | 283 | 111 |
| 76848 COMITAN, CHIS. | 1615N | 09208W | 1530 | | 839.2 | 1010.7 | 16.2 | | 14.0 | | 3 | 31 | | 3 | 232 | |
| 76903 TAPACHULA, CHIS. | 1455N | 09216W | 182 | | 1004.0 | 1017.5 | 27.3 | | 26.7 | | 3 | 45 | | 2 | 225 | |
| BAHAMAS | | | | | | | | | | | | | | | | |
| 78073 NASSAU AIRPORT | 2503N | 07728W | 7 | | | 1016.8 | 23.7 | - .1 | 21.8 | -1.3 | 6 | | | 4 | 240 | 108 |
| JAMAICA | | | | | | | | | | | | | | | | |
| 78388 MONTEGO BAY/SANGSTER | 1830N | 07755W | 8 | | 1013.0 | 1013.1 | 26.9 | | 27.4 | | 16 | 136 | | | 186 | |
| 78397 KINGSTON/NORMAN MANLEY | 1756N | 07647W | 14 | | 1010.9 | | 27.3 | | 25.0 | | 7 | 190 | | 5 | 181 | 100 |
| HAITI | | | | | | | | | | | | | | | | |
| 78437 PORT-AU-PRINCE (DAMIEN) | 1836N | 07217W | 14 | | 1011.6 | 1013.3 | 27.8 | | 23.8 | | 5 | 44 | | 2 | | |
| DOMINICAN REPUBLIC | | | | | | | | | | | | | | | | |
| 78458 PUERTO PLATA | 1945N | 07034W | 5 | | | 1013.2 | 24.9 | | 26.3 | | 19 | 171 | | | | |
| 78486 SANTO DOMINGO | 1826N | 06953W | 14 | | 1010.6 | 1012.2 | 27.2 | 1.2 | 26.7 | 1.2 | 8 | 11 | -88 | 0 | | |
| PUERTO RICO AND US POSS | | | | | | | | | | | | | | | | |
| 78526 SAN JUAN/INTL, PUERTO RICO | 1826N | 06600W | 19 | | | 1012.9 | 26.4 | - .3 | 27.1 | | 13 | 120 | -30 | 2 | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| BELIZE | | | | | | | | | | | | | | | | |
| 78583 BELIZE/PHILLIP GOLDSTON INTL | 1732N | 08818W | 5 | | 1014.3 | 1014.8 | 25.6 | .2 | 26.8 | | 10 | 57 | -125 | 5 | 215 | 115 |
| HONDURAS | | | | | | | | | | | | | | | | |
| 78705 LA CEIBA (AIRPORT) | 1544N | 08652W | 26 | | 1012.8 | 1014.5 | 25.0 | -.2 | 26.4 | -.7 | 13 | 385 | -154 | 2 | 146 | |
| COSTA RICA | | | | | | | | | | | | | | | | |
| 78762 JUAN SANTAMARIA | 1000N | 08413W | 939 | | 909.8 | 1011.2 | 22.3 | .7 | 21.3 | | 11 | 124 | -11 | 3 | | |
| 78767 PUERTO LIMON | 1000N | 08303W | 3 | | 1011.9 | 1012.6 | 25.5 | .4 | 28.3 | | 20 | 513 | 146 | 5 | | |
| ST. MAARTEN, ST. EUST., SABA | | | | | | | | | | | | | | | | |
| 78866 JULIANA AIRPORT, ST. MAARTEN | 1803N | 06307W | 9 | | 1013.4 | 1013.9 | 26.9 | .0 | 24.2 | -3.3 | 10 | 89 | -41 | 2 | 243 | 106 |
| ST. MARTIN, ST. BARTH., GUAD. | | | | | | | | | | | | | | | | |
| 78897 LE RAIZET, GUADELOUPE | 1616N | 06131W | 11 | | 1011.4 | | 26.7 | .4 | 28.5 | | 10 | 77 | -143 | 1 | 203 | 110 |
| MARTINIQUE | | | | | | | | | | | | | | | | |
| 78925 LE LAMENTIN | 1436N | 06100W | 7 | | 1011.5 | 1012.4 | 26.7 | .4 | 27.9 | -.6 | 20 | 112 | -112 | 1 | | |
| BARBADOS | | | | | | | | | | | | | | | | |
| 78954 GRANTLEY ADAMS | 1304N | 05929W | 56 | | 1005.8 | 1012.2 | 27.1 | | 29.6 | | 8 | 61 | | 1 | 271 | 80 |
| TRINIDAD AND TOBAGO | | | | | | | | | | | | | | | | |
| 78970 PIARCO INT. AIRPORT, TRINIDAD | 1037N | 06121W | 15 | | 1009.1 | 1011.6 | 27.0 | 1.1 | 30.0 | 1.8 | 16 | 170 | -57 | 2 | 247 | 125 |
| CURACAO AND BONAIRE | | | | | | | | | | | | | | | | |
| 78988 HATO AIRPORT, CURACAO | 1212N | 06858W | 67 | | 1010.7 | 1011.6 | 28.2 | .5 | 31.2 | 1.8 | 6 | 53 | -43 | 2 | 260 | 114 |
| COLOMBIA | | | | | | | | | | | | | | | | |
| 80001 SAN ANDRES (ISLA)/SESQUICENT | 1235N | 08143W | 6 | | 1011.6 | 1011.7 | 27.1 | -.2 | 32.1 | 1.8 | 19 | 551 | 255 | 0 | 139 | 73 |
| 80002 PROVIDENCIA (ISLA)/EL EMBRUJ | 1322N | 08121W | 6 | | | | 26.8 | | 29.9 | | 17 | 619 | | 1 | 119 | 65 |
| S AMERICA | | | | | | | | | | | | | | | | |
| COLOMBIA | | | | | | | | | | | | | | | | |
| 80009 SANTA MARTA/SIMON BOLIVAR | 1108N | 07414W | 14 | | 1008.9 | 1009.4 | 28.9 | 1.1 | 30.9 | 2.3 | 3 | 16 | -28 | 3 | 195 | 85 |
| 80022 CARTAGENA/RAFAEL NUNEZ | 1027N | 07531W | 12 | | 1009.4 | 1009.6 | 27.8 | .2 | 31.2 | .9 | 9 | 166 | 34 | 3 | 139 | 67 |
| 80028 BARRANQUILLA/ERNESTOCORTISSO | 1053N | 07447W | 30 | | 1008.2 | 1009.9 | 27.3 | -.1 | 32.6 | 2.7 | 6 | 168 | 89 | 2 | 168 | 86 |
| 80084 APARTADO/LOS CEDROS | 0748N | 07642W | 20 | | | | 26.8 | | 29.0 | | 14 | 463 | | 0 | 136 | 100 |
| 80091 BARRANCABERMEJA/YARIGUIES | 0701N | 07348W | 134 | | | | 27.4 | .1 | 29.2 | .5 | 14 | 419 | 148 | 1 | 176 | 108 |
| 80094 BUCARAMANGA/PALONEGRO | 0706N | 07312W | 1189 | | 881.2 | | 21.1 | | 22.0 | | 9 | 192 | 81 | 2 | 162 | 110 |
| 80097 CUCUTA/CAMILO DAZA | 0756N | 07231W | 317 | | 974.9 | 1009.6 | 26.4 | -.3 | 27.0 | .8 | 7 | 142 | 25 | 2 | 194 | 102 |
| 80099 ARAUCA/SANTIAGO PEREZ | 0704N | 07044W | 128 | | 988.6 | 1002.7 | 27.1 | .2 | 28.8 | .0 | 6 | 52 | -39 | 3 | 223 | 107 |
| 80112 RIONEGRO/J. M. CORDOVA | 0608N | 07526W | 2142 | | 790.6 | | 16.4 | | 15.7 | | 20 | 121 | | 1 | 141 | 100 |
| 80139 PUERTO CARRENO/A. GUAUQUEA | 0610N | 06730W | 55 | | | | 29.7 | 1.7 | 28.8 | 1.7 | 7 | 59 | -44 | 1 | 228 | 106 |
| 80144 QUIBDO/EL CARANO | 0543N | 07637W | 53 | | | | 25.9 | -.1 | 29.3 | .1 | 27 | | | 0 | 91 | 82 |
| 80210 PEREIRA/MATECANA | 0449N | 07544W | 1342 | | 863.3 | | 21.3 | .4 | 19.2 | -.1 | 19 | 342 | 64 | 0 | 140 | 90 |
| 80214 IBAGUE/PERALES | 0426N | 07509W | 928 | | | | 22.7 | -.3 | 23.5 | .6 | 16 | 156 | -12 | 1 | 141 | 99 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | mm | mm | hr | % |
| 80222 BOGOTA/ELDORADO | 0442N | 07408W | 2546 | | 751.9 | | 13.5 | .1 | 12.9 | .2 | 10 | 54 | -34 | 1 | 122 | 92 |
| 80234 VILLAVICENCIO/VANGUARDIA | 0410N | 07337W | 431 | | 957.1 | 1006.0 | 26.4 | 1.3 | 25.6 | .4 | 17 | 373 | -30 | 0 | 188 | 134 |
| 80241 LAS GAVIOTAS | 0433N | 07055W | 167 | | 987.8 | 1007.0 | 26.1 | .0 | 28.8 | 1.0 | 14 | 213 | 26 | 2 | 182 | 101 |
| 80259 CALI/ALFONSO BONILLAARAGON | 0333N | 07623W | 969 | | 904.5 | | 23.4 | | 21.3 | | 9 | 72 | -25 | 4 | 149 | 95 |
| 80315 NEIVA/BENITO SALAS | 0258N | 07518W | 443 | | 957.5 | 1006.0 | 27.1 | .2 | 26.3 | 1.1 | 9 | 238 | 30 | 1 | 167 | 102 |
| 80370 IPIALES/SAN LUIS | 0049N | 07738W | 2961 | | | | 11.7 | .4 | 11.0 | -.1 | 15 | 145 | 30 | 2 | 114 | 97 |
| 80398 LETICIA/VASQUEZ COBO | 0433S | 06932W | 84 | | 999.4 | 1008.9 | 26.6 | .4 | 30.0 | .6 | 15 | 123 | -178 | 2 | 184 | 123 |
| VENEZUELA | | | | | | | | | | | | | | | | |
| 80407 MARACAIBO-LA CHINITA | 1034N | 07144W | 65 | | 1001.0 | 1008.5 | 27.2 | -.1 | 29.9 | | 10 | 143 | 72 | 5 | 190 | 93 |
| 80410 BARQUISIMETO | 1004N | 06919W | 614 | | 942.3 | 1009.6 | 25.0 | 1.1 | 23.7 | | 5 | 30 | -18 | 2 | 222 | 100 |
| 80413 MARACAY - B.A. SUCRE | 1015N | 06739W | 437 | | | | 26.2 | 1.6 | 26.1 | | 6 | 42 | -10 | 3 | 251 | 102 |
| 80415 CARACAS/MAIQUETIA AEROP. INT | 1036N | 06659W | 48 | | 1004.8 | 1010.2 | 26.7 | .0 | 30.1 | | 8 | 108 | 54 | 5 | 191 | 98 |
| 80416 CARACAS/LA CARLOTA | 1030N | 06653W | 835 | | 918.3 | 1577 Y | 23.8 | 1.8 | 22.0 | | 14 | 105 | 32 | | 185 | 88 |
| 80419 BARCELONA | 1007N | 06441W | 7 | | 1007.6 | 1008.5 | 26.5 | -.2 | 26.3 | | 1 | 8 | -36 | 1 | 271 | 106 |
| 80420 CUMANA | 1027N | 06411W | 4 | | 1009.6 | 1010.2 | 27.8 | | 25.0 | | 2 | 22 | | | 267 | 110 |
| 80423 GUIRIA | 1035N | 06219W | 14 | | 1002.5 | 1009.6 | 27.4 | .5 | 28.3 | | 7 | 33 | -64 | 0 | 277 | 128 |
| 80447 SAN ANTONIO DEL TACHIRA | 0751N | 07227W | 378 | | 966.4 | 1008.3 | 26.1 | .7 | 22.6 | | 8 | 37 | -75 | 1 | 165 | 90 |
| 80448 GUASDUALITO | 0714N | 07048W | 131 | | 995.3 | 1010.1 | 26.2 | .2 | 26.2 | | 6 | 95 | -10 | | 214 | 99 |
| 80450 SAN FERNANDO DE APURE | 0754N | 06725W | 48 | | 1003.8 | 1009.2 | 27.5 | .6 | 31.4 | | 4 | 10 | -34 | 1 | 286 | 110 |
| 80453 TUMEREMO | 0718N | 06127W | 181 | | 989.9 | 1010.3 | 25.0 | -.3 | 22.6 | | 6 | 25 | -78 | 1 | 233 | 119 |
| 80457 PUERTO AYACUCHO | 0536N | 06730W | 74 | | 1002.4 | | 27.9 | 1.2 | | | 9 | 92 | -35 | 2 | 231 | 104 |
| 80462 SANTA ELENA DE UAIREN | 0436N | 06107W | 907 | | 913.3 | 1498 Y | 23.7 | 2.2 | 15.7 | | 7 | 53 | -61 | 2 | 249 | 115 |
| 80472 VALENCIA | 1010N | 06756W | 431 | | 961.4 | 1008.8 | 26.7 | | 27.1 | | 7 | 41 | | | 234 | |
| 80475 STO.DOMINGO (B.A.) | 0735N | 07204W | 327 | | 974.7 | 1011.4 | 24.6 | | 22.8 | | 13 | 58 | | | 158 | 100 |
| 80479 PALMICHAL | 1018N | 06814W | 1000 | | 900.2 | | 20.1 | | 22.0 | | 10 | 40 | | | 125 | |
| GUYANA | | | | | | | | | | | | | | | | |
| 81001 GEORGETOWN | 0648N | 05809W | 2 | | 1010.8 | 1011.2 | 27.9 | | 30.2 | | 9 | 100 | | 2 | 269 | 125 |
| 81002 TIMEHRI CHEDDI JAGAN INTERNA | 0630N | 05815W | 30 | | 1007.4 | 1010.9 | 27.3 | | 29.2 | | 11 | 194 | | 3 | 244 | |
| SURINAME | | | | | | | | | | | | | | | | |
| 81225 ZANDERIJ | 0527N | 05512W | 15 | | | 1011.0 | 26.7 | | | | 13 | 160 | | | 229 | |
| FRENCH GUIANA | | | | | | | | | | | | | | | | |
| 81401 SAINT-LAURENT-DU-MARONI | 0530N | 05402W | 9 | | 1010.3 | 1011.4 | 26.6 | | 29.0 | | 18 | 171 | 12 | 4 | 154 | 73 |
| 81405 CAYENNE/ROCHAMBEAU | 0450N | 05222W | 9 | | 1009.8 | 1010.7 | 26.7 | | 28.3 | | 10 | 64 | -89 | 1 | 231 | 103 |
| 81408 SAINT GEORGES DE L'OYAPOCK | 0353N | 05148W | 7 | | 1009.7 | 1010.4 | 26.8 | | 27.0 | | 7 | 25 | -117 | 1 | 198 | 94 |
| 81415 MARIPASOULA | 0338N | 05402W | 106 | | 998.8 | | 26.7 | | 28.5 | | 10 | 68 | -44 | 2 | 211 | 93 |
| BRAZIL | | | | | | | | | | | | | | | | |
| 82024 BOA VISTA | 0249N | 06039W | 90 | | 999.8 | 1008.1 | 29.4 | | 28.1 | | 1 | 41 | | 3 | 254 | |
| 82098 MACAPA | 0002N | 05103W | 15 | | 1007.7 | 1009.5 | 28.7 | 1.0 | 28.8 | | 2 | 7 | -51 | 1 | 275 | 109 |
| 82106 SAO GABRIEL DA CACHOEIRA | 0008S | 06705W | 90 | | 996.8 | 1006.4 | 27.8 | | 31.1 | | 13 | 66 | | 0 | 202 | |
| 82191 BELEM | 0127S | 04828W | 10 | | 1008.5 | 1009.1 | 27.5 | 1.1 | 30.3 | | 12 | 105 | -6 | 4 | 237 | 117 |
| 82212 FONTE BOA | 0232S | 06610W | 56 | | 1002.8 | 1009.5 | 27.3 | | 27.5 | | 7 | 85 | | 1 | 184 | |
| 82246 BELTERRA | 0238S | 05457W | 176 | | 991.6 | 1011.3 | 27.4 | 1.7 | 29.7 | | 1 | 23 | -54 | 2 | 237 | 117 |
| 82280 SAO LUIZ | 0232S | 04418W | 51 | | 1004.6 | 1010.4 | 27.8 | .8 | 30.0 | | 1 | 6 | -4 | 4 | 232 | 95 |
| 82287 PARNAIBA | 0305S | 04147W | 22 | | 1004.8 | 1007.4 | 28.4 | .8 | 26.4 | | 0 | 0 | -8 | 3 | 276 | 96 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | mm | hr | | |
| 82397 FORTALEZA | 0346S | 03836W | 26 | | 1009.3 | 1012.4 | 27.7 | .5 | 27.5 | | 7 | 20 | 7 | 4 | 267 | 94 |
| 82410 BENJAMIN CONSTANT | 0423S | 07002W | 65 | | | | 27.4 | | 31.1 | | 12 | 154 | | 1 | 169 | |
| 82425 COARI | 0405S | 06308W | 46 | | 1005.0 | 1010.6 | 28.0 | | 30.5 | | 11 | 195 | | 3 | 164 | |
| 82445 ITAITUBA | 0416S | 05559W | 45 | | 1006.2 | 1011.4 | 28.9 | 1.4 | 34.1 | | 6 | 95 | -33 | 2 | 196 | 113 |
| 82533 MANICORE | 0549S | 06118W | 50 | | 1003.9 | 1009.5 | 27.1 | | 20.0 | | | | | | | |
| 82562 MARABA | 0521S | 04909W | 95 | | 998.4 | 1009.1 | 28.0 | 1.6 | 28.5 | | 8 | 143 | -9 | 3 | 119 | 107 |
| 82571 BARRA DO CORDA | 0530S | 04516W | 153 | | 992.5 | 1012.1 | 27.6 | .9 | 28.3 | | 6 | 137 | 60 | 4 | 143 | 92 |
| 82578 TERESINA | 0505S | 04249W | 74 | | 1001.5 | 1011.5 | 29.6 | .9 | 23.9 | | 4 | 92 | 28 | 4 | 244 | 105 |
| 82598 NATAL | 0546S | 03512W | 45 | | 1007.4 | 1012.7 | 26.7 | | 27.0 | | 4 | 17 | | 3 | 286 | 100 |
| 82678 FLORIANO | 0646S | 04301W | 123 | | 996.1 | 1011.8 | 28.6 | -1.6 | 26.9 | | 9 | | | 0 | 192 | 98 |
| 82723 LABREA | 0715S | 06450W | 60 | | 1001.8 | 1009.2 | 27.0 | | 30.8 | | 13 | 220 | | 2 | 140 | |
| 82765 CAROLINA | 0720S | 04728W | 192 | | 989.2 | 1013.8 | 27.3 | 1.4 | 28.8 | | 11 | 113 | -53 | 2 | 126 | 89 |
| 82784 BARBALHA | 0719S | 03918W | 409 | | 964.6 | 1010.8 | 28.6 | 1.8 | 19.0 | | 5 | 13 | 9 | 2 | 271 | 106 |
| 82791 PATOS | 0701S | 03716W | 249 | | 982.8 | 1011.0 | 29.6 | | 18.5 | | 0 | T | | | 297 | 105 |
| 82861 CONCEICAO DO ARAGUAIA | 0815S | 04912W | 160 | | 989.4 | 1006.3 | 26.5 | .7 | 31.2 | | 16 | 265 | 72 | 5 | | |
| 82915 RIO BRANCO | 0958S | 06748W | 136 | | 991.2 | 1009.3 | 26.3 | .6 | 30.4 | | 16 | 160 | -46 | 2 | 158 | 122 |
| 82983 PETROLINA | 0923S | 04029W | 370 | | 969.0 | 1009.8 | 29.6 | 1.4 | 19.1 | | 1 | 2 | -48 | 1 | 297 | 117 |
| 83064 PORTO NACIONAL | 1031S | 04843W | 250 | | 982.6 | 1009.4 | 27.7 | 1.5 | 27.3 | | 21 | 295 | 77 | 4 | 156 | 95 |
| 83096 ARACAJU | 1055S | 03703W | 6 | | 1012.6 | 1013.3 | 26.4 | .3 | 27.0 | | 4 | 105 | 59 | 5 | 292 | 111 |
| 83186 JACOBINA | 1111S | 04028W | 484 | | 957.5 | 1010.3 | 27.0 | 1.7 | 18.0 | | 1 | 14 | -72 | 1 | 247 | 128 |
| 83229 SALVADOR | 1301S | 03831W | 51 | | 1007.3 | 1013.2 | 26.4 | .9 | 26.2 | | 2 | 30 | -88 | 1 | 247 | 116 |
| 83235 TAGUATINGA | 1216S | 04626W | 660 | | 943.7 | 1010.2 | 25.0 | .5 | 24.4 | | 22 | 324 | 83 | 5 | 124 | 85 |
| 83236 BARREIRAS | 1209S | 04500W | 440 | | 960.4 | 1008.9 | 25.6 | .3 | 24.2 | | 13 | 158 | -17 | 3 | 161 | 86 |
| 83242 LENCÓIS | 1234S | 04123W | 438 | | 962.2 | 1011.1 | 26.0 | 1.7 | 19.7 | | 3 | 18 | -137 | 1 | 174 | 123 |
| 83264 VERA (GLEBA CELESTE) | 1212S | 05630W | 415 | | | | 25.9 | 1.1 | 27.1 | | 17 | 146 | -117 | 1 | 109 | 95 |
| 83288 BOM JESUS DA LAPA | 1316S | 04325W | 440 | | 960.4 | 1011.1 | 27.4 | 1.4 | 26.5 | | 10 | 107 | -34 | 2 | 187 | 98 |
| 83332 POSSE | 1406S | 04622W | 950 | | 920.6 | 1010.5 | 23.8 | .3 | 22.9 | | 23 | 307 | 84 | 4 | | |
| 83344 VITORIA DA CONQUISTA | 1457S | 04053W | 893 | | 916.1 | 1011.5 | 22.2 | 1.0 | 19.7 | | 2 | 7 | -117 | 0 | 182 | 123 |
| 83361 CUIABA | 1533S | 05607W | 179 | | 991.8 | 1012.7 | 27.1 | -1 | 27.7 | | 14 | 215 | 61 | 5 | 164 | 84 |
| 83377 BRASILIA | 1547S | 04756W | 1158 | | 885.5 | 1010.3 | 21.4 | -3 | 20.0 | | 20 | 200 | -38 | 3 | 110 | 77 |
| 83423 GOIANIA | 1641S | 04917W | 729 | | 928.8 | 1010.2 | 24.1 | .1 | 23.2 | | 25 | 315 | 95 | 5 | | |
| 83437 MONTES CLAROS | 1643S | 04352W | 646 | | 939.5 | 1010.8 | 23.7 | .3 | 22.6 | | 14 | 333 | 122 | 5 | 136 | 84 |
| 83492 TEOFILO OTONI | 1751S | 04130W | 356 | | 972.3 | 1010.4 | 24.8 | 1.2 | 24.9 | | 14 | 297 | 117 | 5 | 118 | 87 |
| 83498 CARAVELAS | 1744S | 03915W | 3 | | 1013.2 | 1013.7 | 25.5 | .4 | 27.2 | | 12 | 151 | -25 | 3 | | |
| 83552 CORUMBA | 1900S | 05739W | 130 | | | | 27.1 | .1 | | | 12 | 117 | -27 | 3 | | |
| 83579 ARAXA | 1934S | 04656W | 1004 | | | 1009.7 | 22.6 | 1.3 | 20.4 | | 18 | 169 | -39 | 2 | 157 | 89 |
| 83587 BELO HORIZONTE | 1950S | 04356W | 850 | | 911.1 | 1010.5 | 22.7 | .5 | 20.2 | | | | | | 169 | 93 |
| 83592 CARATINGA | 1948S | 04209W | 609 | | 943.7 | 1011.2 | 23.2 | .6 | 23.2 | | 19 | 371 | 183 | 5 | 153 | 98 |
| 83618 TRES LAGOAS | 2047S | 05138W | 313 | | 973.3 | 1009.1 | 26.6 | .8 | 25.5 | | 15 | 277 | 142 | 6 | | |
| 83648 VITORIA | 2019S | 04020W | 36 | | 1009.1 | 1013.2 | 24.8 | .4 | 26.2 | | 19 | 379 | 209 | 5 | 127 | |
| 83676 CATANDUVA | 2108S | 04858W | 536 | | 950.2 | 1012.2 | 25.4 | .8 | 24.3 | | 14 | 168 | 35 | 4 | | |
| 83698 CAMPOS | 2145S | 04120W | 11 | | 1011.0 | 1012.4 | 24.9 | | 26.3 | | 13 | 137 | | 3 | | |
| 83702 PONTA PORA | 2232S | 05544W | 650 | | 935.8 | 1011.2 | 23.4 | .6 | 22.3 | | 13 | 250 | 38 | 4 | 164 | 74 |
| 83766 LONDRINA | 2323S | 05111W | 566 | | 947.8 | 1011.5 | 24.5 | 2.4 | 22.5 | | 11 | 124 | -31 | 3 | 183 | 94 |
| 83781 SAO PAULO | 2330S | 04637W | 792 | | 923.4 | 1011.7 | 21.6 | 1.3 | 19.3 | | 9 | 185 | 40 | 4 | 156 | 108 |
| 83836 IRATI | 2528S | 05038W | 837 | | 913.9 | 1010.1 | 20.1 | | 16.8 | | 9 | 131 | | 4 | 156 | |
| 83842 CURITIBA | 2526S | 04916W | 923 | | 911.5 | 1013.6 | 19.4 | 1.2 | 18.6 | | 9 | 140 | 17 | 4 | 130 | 86 |
| 83881 IRAI | 2711S | 05314W | 247 | | 982.1 | 1011.4 | 24.3 | 2.2 | 21.1 | | 7 | 102 | -60 | 2 | 240 | 111 |
| 83897 FLORIANOPOLIS | 2735S | 04834W | 2 | | 1012.7 | 1012.9 | 22.4 | .9 | 21.1 | | 11 | 192 | 63 | 5 | 176 | 102 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 |
| 83967 PORTO ALEGRE | 3001S | 05113W | 47 | | 1008.2 | 1013.9 | 21.7 | .4 | 19.7 | | 9 | 182 | 78 | 5 | 207 | 96 |
| 83980 BAGE | 3120S | 05406W | 217 | | 984.7 | 1012.7 | 19.5 | -.6 | 12.2 | | 10 | 177 | 65 | 5 | 234 | 106 |
| 83997 ST.VITORIA DO PALMAR | 3331S | 05321W | 24 | | 1011.4 | 1015.9 | 18.5 | .3 | 16.9 | | 5 | 82 | -13 | 3 | 248 | 105 |
| PERU | | | | | | | | | | | | | | | | |
| 84377 IQUITOS | 0345S | 07315W | 126 | | 998.3 | 1008.7 | 26.6 | | 28.8 | | 13 | 199 | -61 | 2 | | |
| 84401 PIURA | 0511S | 08036W | 55 | | 1008.3 | 1015.2 | 22.3 | | 19.9 | | 0 | 0 | -1 | 4 | | |
| 84452 CHICLAYO | 0647S | 07950W | 34 | | 1011.3 | 1014.4 | 20.1 | | 17.2 | | 0 | 0 | -1 | 4 | | |
| 84515 PUCALLPA | 0825S | 07436W | 149 | | 990.7 | 1008.1 | 27.5 | | 27.1 | | 8 | 69 | | 1 | | |
| 84628 LIMA-CALLAO/AEROP. INTERNACI | 1200S | 07707W | 13 | | 1012.3 | 1013.9 | 17.4 | | 17.1 | | 0 | T | -1 | 4 | | |
| 84686 CUZCO | 1333S | 07159W | 3249 | | 687.1 | | 14.2 | | 9.5 | | 14 | 88 | 10 | 4 | | |
| 84691 PISCO | 1345S | 07617W | 7 | | 1011.3 | 1012.0 | 18.7 | | 17.3 | | 0 | 0 | -1 | 5 | | |
| 84752 AREQUIPA | 1619S | 07133W | 2539 | | 753.1 | | 15.4 | | 6.3 | | 0 | 0 | -1 | 4 | | |
| BOLIVIA | | | | | | | | | | | | | | | | |
| 85033 GUAYARAMERIN | 1049S | 06521W | 130 | | 992.6 | 1008.8 | 27.2 | | 20.9 | | 12 | 101 | | 1 | | |
| 85041 COBILJA | 1102S | 06847W | 235 | | 992.1 | 1008.0 | 27.8 | | 21.6 | | 9 | 198 | | 3 | | |
| 85043 RIBERALTA | 1100S | 06607W | 141 | | 992.1 | 1008.0 | 27.8 | | 21.6 | | 9 | 198 | | 3 | | |
| 85104 SAN JOAQUIN | 1304S | 06449W | 140 | | 992.1 | 1007.6 | 28.0 | | 21.6 | | 10 | 207 | | 4 | | |
| 85109 SAN RAMON | 1318S | 06442W | 140 | | 992.4 | 1008.3 | 27.5 | | 21.5 | | 12 | 190 | | | | |
| 85114 MAGDALENA | 1320S | 06407W | 141 | | 992.4 | 1008.4 | 27.4 | | 21.7 | | 12 | 338 | | 5 | | |
| 85123 SANTA ANA | 1346S | 06526W | 144 | | 991.3 | 1007.7 | 27.9 | | 20.3 | | 12 | 182 | | 3 | | |
| 85141 RURRENABAQUE | 1428S | 06734W | 204 | | 978.6 | 1011.4 | 27.4 | | 21.7 | | 7 | 111 | | 1 | | |
| 85151 APOLO | 1444S | 06830W | 1415 | | 855.9 | | 23.1 | | 15.1 | | 8 | 128 | | 2 | | |
| 85152 SAN BORJA | 1452S | 06652W | 194 | | 987.0 | 1009.7 | 26.9 | | 19.7 | | 9 | 158 | | 3 | | |
| 85153 SAN IGNACIO DE MOXOS | 1455S | 06536W | 160 | | 952.8 | 1010.8 | 27.3 | | 22.4 | | 7 | 134 | | 2 | | |
| 85154 TRINIDAD | 1449S | 06455W | 155 | | 990.4 | 1008.1 | 26.6 | | 20.7 | | 13 | 223 | | 4 | | |
| 85175 ASCENION DE GUARAYOS | 1543S | 06306W | 247 | | 981.1 | 1009.1 | 26.4 | | 20.2 | | 18 | 262 | | 5 | | |
| 85195 SAN JAVIER | 1616S | 06228W | 534 | | 949.3 | 1009.8 | 24.7 | | 18.9 | | 11 | 328 | | 5 | | |
| 85196 CONCEPCION | 1609S | 06201W | 497 | | 953.0 | 1009.4 | 25.5 | | 11.7 | | 15 | 255 | | 6 | | |
| 85201 LA PAZ/ALTO | 1631S | 06811W | 4038 | | 628.6 | | 10.3 | | 4.5 | | 7 | 32 | | 2 | | |
| CHILE | | | | | | | | | | | | | | | | |
| 85406 ARICA | 1821S | 07020W | 55 | | 1010.9 | 1015.3 | 19.2 | .1 | 15.1 | -.8 | 0 | 0 | 0 | 5 | 225 | 100 |
| 85418 IQUIQUE | 2032S | 07011W | 48 | | 1009.7 | 1015.4 | 18.2 | -.2 | 14.3 | -.9 | 0 | 0 | 0 | 5 | 283 | 105 |
| 85442 ANTOFAGASTA | 2326S | 07027W | 140 | | 999.1 | 1015.9 | 16.5 | -.4 | 13.5 | -1.0 | 0 | 0 | -1 | 4 | 290 | 100 |
| 85469 ISLA DE PASCUA | 2710S | 10926W | 69 | | 1015.8 | 1023.9 | 20.9 | | 16.9 | | 9 | 125 | | 5 | 231 | 105 |
| 85470 COPIAPO | 2718S | 07025W | 290 | | 979.6 | 1013.5 | 16.0 | -.4 | 13.5 | .1 | 0 | 0 | 0 | 5 | 287 | 105 |
| 85488 LA SERENA | 2955S | 07112W | 146 | | 1000.3 | 1016.3 | 14.2 | -.1 | 12.7 | -.5 | 0 | T | -1 | 3 | 243 | 120 |
| 85574 PUDAHUEL | 3323S | 07047W | 474 | | 960.8 | 1015.7 | 16.3 | | 9.7 | | 0 | T | | 1 | 298 | 100 |
| 85577 SANTIAGO QUINTA NORMAL | 3326S | 07041W | 520 | | 955.6 | 1015.1 | 17.1 | | 12.1 | | 0 | T | | 1 | 262 | 95 |
| 85585 ISLA JUAN FERNANDEZ | 3337S | 07849W | 30 | | 1017.5 | 1021.1 | 14.5 | | 12.7 | | 9 | 44 | | 4 | 171 | 95 |
| 85629 CURICO | 3458S | 07113W | 220 | | | | | | | | 1 | 6 | -17 | 2 | 309 | 115 |
| 85672 CHILLAN | 3635S | 07202W | 148 | | 999.6 | 1014.3 | 14.7 | -.2 | 11.9 | -.1 | 3 | 35 | -5 | 4 | 289 | 95 |
| 85682 CONCEPCION | 3646S | 07304W | 13 | | 1017.4 | 1018.5 | 13.2 | -.3 | 10.9 | -.9 | 4 | 35 | -6 | 3 | 304 | 100 |
| 85743 TEMUCO | 3846S | 07238W | 93 | | 1007.8 | 1019.2 | 11.8 | -.9 | 10.1 | -1.4 | 10 | 97 | 38 | 5 | | |
| 85766 VALDIVIA | 3938S | 07305W | 19 | | | | | | | | 10 | 85 | 12 | 4 | 238 | 95 |
| 85782 OSORNO | 4036S | 07303W | 58 | | | | | | | | 11 | 89 | 31 | 4 | | |
| 85799 PUERTO MONTT | 4126S | 07306W | 90 | | 1008.4 | 1019.3 | 10.7 | -.9 | 10.3 | -.8 | 15 | 106 | 95 | 3 | 209 | 125 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | % | | |
| 85864 COYHAIQUE | 4536S | 07206W | 311 | | 975.4 | 1012.3 | 9.7 | -1.3 | 8.4 | -.3 | 9 | 50 | -6 | 3 | 202 | |
| 85874 BALMACEDA | 4555S | 07142W | 522 | | 951.2 | 1010.3 | 8.0 | -1.2 | 6.8 | -.5 | 3 | 10 | -18 | 2 | 288 | 95 |
| 85934 PUNTA ARENAS | 5300S | 07051W | 43 | | 992.1 | 998.1 | 7.8 | -.4 | 6.2 | -1.3 | 5 | 12 | -19 | 1 | 220 | 105 |
| ARGENTINA | | | | | | | | | | | | | | | | |
| 87016 ORAN AERO | 2309S | 06419W | 357 | | 967.4 | 1007.7 | 23.3 | -1.5 | 22.8 | 1.7 | 6 | 72 | -20 | 3 | 127 | 73 |
| 87022 TARTAGAL AERO | 2239S | 06349W | 450 | | 957.6 | 1007.8 | 24.1 | | 21.1 | | 6 | 116 | | | 179 | |
| 87046 JUJUY AERO | 2423S | 06505W | 905 | | 908.9 | 1482 Y | 21.7 | | 17.5 | | 7 | 78 | | 4 | 215 | 100 |
| 87047 SALTA AERO | 2451S | 06529W | 1221 | | 877.0 | 1490 Y | 19.8 | -.5 | 16.1 | .8 | 7 | 60 | -5 | 4 | 208 | 122 |
| 87097 IGUAZU AERO | 2544S | 05428W | 270 | | 979.5 | 1009.8 | 24.3 | | 23.6 | | 10 | 244 | | 4 | 185 | |
| 87121 TUCUMAN AERO | 2651S | 06506W | 450 | | 959.1 | 1009.5 | 22.2 | | 19.7 | | 10 | 143 | | | 182 | |
| 87129 SANTIAGO DEL ESTERO AERO. | 2746S | 06418W | 199 | | 987.4 | 1010.0 | 23.2 | -1.5 | 14.5 | -3.2 | 6 | | | 5 | 190 | 89 |
| 87155 RESISTENCIA AERO. | 2727S | 05903W | 52 | | 997.0 | 1010.5 | 23.8 | | 22.1 | | 8 | 197 | | 4 | 173 | 80 |
| 87162 FORMOSA AERO | 2612S | 05814W | 60 | | 1001.3 | 1007.9 | 25.3 | .8 | 23.3 | 1.8 | 6 | 106 | -65 | 2 | 234 | 92 |
| 87163 B.DE IRIGOYEN AERO | 2615S | 05309W | 815 | | 920.4 | 1501 Y | 20.7 | | 20.0 | | 11 | 216 | | | 239 | |
| 87166 CORRIENTES AERO. | 2727S | 05846W | 62 | | 1003.3 | 1010.4 | 24.0 | .4 | 22.3 | 2.2 | 8 | 162 | 17 | 3 | 241 | 92 |
| 87178 POSADAS AERO. | 2722S | 05558W | 125 | | 995.6 | 1009.8 | 25.2 | 1.5 | 21.1 | 1.2 | 7 | 212 | 56 | 4 | 196 | |
| 87217 LA RIOJA AERO. | 2923S | 06649W | 429 | | 959.8 | 1007.5 | 24.9 | -.5 | 15.2 | -.7 | 3 | 195 | 152 | 2 | 252 | 100 |
| 87222 CATAMARCA AERO. | 2836S | 06546W | 454 | | 955.7 | 1006.0 | 24.3 | | 16.5 | | 6 | 61 | | 4 | 219 | 90 |
| 87244 VILLA DE MARIA DEL RIO SECO | 2954S | 06341W | 341 | | 971.1 | 1010.0 | 27.2 | 5.2 | 19.9 | 2.8 | 9 | | | 3 | | |
| 87257 CERES AERO | 2953S | 06157W | 88 | | 1000.9 | 1011.1 | 21.3 | -1.2 | 19.0 | 1.1 | 9 | 133 | 29 | 4 | 265 | 99 |
| 87270 RECONQUISTA AERO | 2911S | 05942W | 53 | | 1005.0 | 1011.1 | 22.7 | .1 | 19.5 | -.6 | 9 | 188 | 58 | 4 | 166 | 64 |
| 87289 PASO DE LOS LIBRES AERO | 2941S | 05709W | 70 | | 1003.0 | 1011.1 | 22.3 | .0 | 18.9 | .6 | 8 | 63 | -80 | 1 | 232 | 114 |
| 87311 SAN JUAN AERO | 3134S | 06852W | 598 | | 942.6 | 1009.2 | 22.2 | | 10.5 | | 1 | 165 | | 4 | 319 | 95 |
| 87320 CHAMICAL AERO | 3022S | 06617W | 461 | | 957.3 | 1008.7 | 23.5 | -.5 | 15.5 | 1.5 | 2 | 21 | -36 | 2 | 281 | |
| 87322 CHEPES | 3120S | 06636W | 658 | | | 1008.9 | 23.0 | -.7 | 14.8 | -.8 | 1 | 5 | -35 | 1 | | |
| 87328 VILLA DOLORES AERO | 3157S | 06508W | 569 | | 945.9 | 1009.5 | 21.3 | -1.2 | 14.4 | 1.1 | 6 | 61 | -5 | 3 | 251 | 95 |
| 87344 CORDOBA AERO | 3119S | 06413W | 474 | | 958.1 | 1011.7 | 19.9 | -.9 | 15.6 | .4 | 8 | 84 | -23 | 2 | 267 | 111 |
| 87349 PILAR OBSERVATORIO | 3140S | 06353W | 338 | | 973.6 | 1012.2 | 20.1 | -.4 | 15.7 | 1.0 | 7 | 62 | -32 | 2 | 258 | 97 |
| 87374 PARANA AERO | 3147S | 06029W | 78 | | 995.0 | 1012.3 | 21.0 | .1 | 16.5 | -.1 | 8 | 151 | 36 | 4 | 256 | 94 |
| 87393 MONTE CASEROS AERO | 3016S | 05739W | 54 | | | 1011.7 | 22.1 | .1 | 18.8 | .8 | 6 | 111 | -34 | 2 | 253 | 97 |
| 87395 CONCORDIA AERO | 3118S | 05801W | 38 | | 1008.0 | 1012.3 | 21.1 | -.3 | 17.4 | .3 | 10 | 143 | 3 | 4 | 220 | |
| 87418 MENDOZA AERO | 3250S | 06847W | 704 | | 931.4 | 1009.5 | 21.0 | -.7 | 11.1 | -.2 | 3 | 8 | -7 | 3 | 308 | 105 |
| 87436 SAN LUIS AERO | 3316S | 06621W | 713 | | | 1014.2 | 26.8 | 5.4 | 11.8 | .2 | 4 | 33 | -44 | 2 | 333 | 111 |
| 87448 VILLA REYNOLDS AERO | 3344S | 06523W | 486 | | 956.6 | 1011.8 | 18.6 | -1.3 | 13.5 | .0 | 6 | 285 | 204 | 1 | 262 | 98 |
| 87453 RIO CUARTO AERO | 3307S | 06414W | 420 | | 963.6 | 1011.5 | 19.4 | -.5 | 13.7 | .0 | 3 | 185 | 64 | 1 | 272 | |
| 87467 MARCOS JUAREZ AERO | 3242S | 06209W | 114 | | 1007.5 | 1013.1 | 20.2 | -.3 | 16.0 | -.2 | 8 | 89 | -10 | 3 | 277 | 113 |
| 87480 ROSARIO AERO | 3255S | 06047W | 25 | | 1010.3 | 1013.3 | 20.9 | .6 | 16.3 | -.1 | 4 | 123 | 25 | 4 | 303 | 112 |
| 87497 GUALEGUAYCHU AERO | 3300S | 05837W | 21 | | 1010.3 | 1012.8 | 20.2 | -.1 | 16.6 | .4 | 6 | 205 | 104 | 5 | 263 | 107 |
| 87506 MALARGUE AERO | 3530S | 06935W | 1425 | | 856.8 | 1492 Y | 14.8 | -.8 | 6.0 | -1.7 | 2 | 5 | -17 | 2 | 322 | |
| 87544 PEHUAJO AERO | 3552S | 06154W | 87 | | 1003.1 | 1013.3 | 17.4 | -1.2 | 14.9 | -.4 | 10 | 191 | 84 | 5 | 297 | 113 |
| 87548 JUNIN AERO | 3433S | 06057W | 81 | | 1003.2 | 1012.6 | 19.0 | .0 | 14.8 | -.2 | 7 | 133 | 24 | 4 | 275 | 105 |
| 87576 EZEIZA AERO | 3449S | 05832W | 20 | | 1011.0 | 1013.4 | 19.1 | .1 | 15.3 | .2 | 10 | 130 | 32 | 4 | 226 | |
| 87582 AEROPARQUE BS. AS. AERO | 3434S | 05825W | 6 | | 1012.8 | 1013.5 | 19.8 | -.3 | 15.5 | -.9 | 11 | 145 | 41 | | | |
| 87585 BUENOS AIRES OBSERVATORIO | 3435S | 05829W | 25 | | 1010.7 | 1013.7 | 20.0 | -.3 | 15.5 | -.1 | 12 | 163 | 55 | 5 | 258 | 102 |
| 87593 LA PLATA AERO | 3458S | 05754W | 19 | | | 1013.7 | 18.1 | -.2 | 16.5 | .7 | 10 | 114 | 21 | 4 | 283 | 126 |
| 87596 PUNTA INDIO B.A. | 3522S | 05717W | 22 | | 1011.3 | 1014.0 | 17.8 | -.5 | 16.2 | .0 | 10 | 130 | 32 | 4 | 278 | 110 |
| 87623 SANTA ROSA AERO | 3634S | 06416W | 191 | | 990.8 | 1013.2 | 17.4 | -1.9 | 12.2 | -1.3 | 7 | 63 | -38 | 2 | 300 | 110 |
| 87640 BOLIVAR AERO | 3612S | 06104W | 934 | | 1003.0 | 1014.0 | 17.7 | | 15.0 | | 10 | 198 | | | 288 | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | mb | mb | mm | mm | hr | hr | | |
| 87648 DOLORES AERO | 3621S | 05744W | 9 | | 1012.6 | 1013.6 | 17.6 | .2 | 15.3 | .1 | 8 | 175 | 89 | 5 | 165 | 70 |
| 87679 FIGUE AERO | 3736S | 06223W | 304 | | 977.3 | 1012.6 | 17.5 | 1.0 | 12.2 | -.5 | 8 | 119 | 27 | 4 | | |
| 87688 TRES ARROYOS | 3820S | 06015W | 115 | | 999.4 | 1013.0 | 18.1 | | 12.9 | | 9 | 145 | | 5 | 301 | 115 |
| 87692 MAR DEL PLATA AERO | 3756S | 05735W | 21 | | 1011.5 | 1014.1 | 15.2 | -.7 | 13.5 | -.5 | 11 | 188 | 113 | 1 | 234 | |
| 87715 NEUQUEN AERO | 3857S | 06808W | 271 | | 981.8 | 1017.8 | 18.1 | -1.2 | 8.9 | .8 | 3 | 322 | 313 | 5 | 281 | 100 |
| 87750 BAHIA BLANCA AERO | 3844S | 06210W | 83 | | 1002.9 | 1012.6 | 17.8 | -.6 | 12.9 | 1.0 | 6 | 87 | 26 | 5 | 307 | 116 |
| 87765 BARILOCHE AERO | 4109S | 07110W | 840 | | 919.3 | 1485 Y | 9.8 | -.8 | 6.6 | -1.3 | 3 | 19 | -5 | 3 | 322 | 104 |
| 87774 MAQUINCHAO | 4115S | 06844W | 888 | | 911.4 | 1472 Y | 14.7 | 1.1 | 7.9 | 1.4 | | | | | | |
| 87784 SAN ANTONIO OESTE AERO | 4047S | 06506W | 20 | | 1008.7 | 1011.0 | 18.3 | -.5 | 9.0 | -1.1 | 2 | 7 | -11 | 1 | 297 | |
| 87791 VIEDMA AERO | 4051S | 06301W | 7 | | 1010.6 | 1011.4 | 16.6 | | 10.0 | | 3 | 14 | | 2 | 330 | 120 |
| 87800 EL BOLSON AERO | 4158S | 07131W | 337 | | 975.4 | 1015.2 | 14.1 | | 8.4 | | 6 | 18 | | | 257 | |
| 87803 ESQUEL AERO | 4256S | 07109W | 785 | | 920.7 | 1012.4 | 10.0 | -1.2 | 5.4 | -1.1 | 0 | 0 | -19 | 0 | 322 | |
| 87814 PASO DE INDIOS | 4349S | 06853W | 460 | | 955.3 | 1008.7 | 13.3 | | 6.0 | | 0 | 0 | | 1 | 215 | 85 |
| 87823 P. MADRYN AERO | 4244S | 06504W | 136 | | 993.6 | 1009.7 | 17.9 | | 9.0 | | 3 | 15 | | | 290 | |
| 87828 TRELEW AERO | 4312S | 06516W | 43 | | 1004.9 | 1010.0 | 16.8 | -.4 | 8.2 | .8 | 3 | 18 | 4 | 4 | 303 | 106 |
| 87852 PERITO MORENO AERO | 4631S | 07101W | 429 | | 956.6 | 1006.9 | 12.1 | | 6.6 | | 0 | 0 | | | 257 | |
| 87860 COMODORO RIVADAVIA AERO | 4547S | 06730W | 46 | | 1002.3 | 1007.5 | 16.3 | .4 | 5.4 | -1.7 | 1 | 3 | -7 | 2 | 297 | 127 |
| 87880 GOBERNADOR GREGORES AERO | 4847S | 07010W | 357 | | 960.5 | 1002.7 | 11.9 | | 6.1 | | 1 | 2 | | | 200 | |
| 87896 PUERTO DESEADO AERO | 4744S | 06555W | 80 | | 995.6 | 1005.1 | 14.1 | 1.3 | 9.8 | 1.6 | 3 | 7 | -2 | 2 | 203 | 110 |
| 87909 SAN JULIAN AERO | 4919S | 06745W | 62 | | 996.1 | 1003.5 | 13.0 | | 6.9 | | 5 | 21 | | 4 | 228 | |
| 87925 RIO GALLEGOS AERO | 5137S | 06917W | 19 | | 997.7 | | 10.4 | -.7 | 5.9 | -1.0 | 4 | 22 | 1 | 3 | 182 | |
| 87938 USHUAIA AERO | 5448S | 06819W | 14 | | 985.8 | 992.6 | 7.2 | -.6 | 6.5 | -1.0 | 2 | 30 | -4 | 1 | 170 | |
| ANTARCTICA | | | | | | | | | | | | | | | | |
| ARGENTINA (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 88963 BASE ESPERANZA | 6324S | 05659W | 13 | | 976.0 | 978.8 | .1 | 1.8 | 4.5 | | 12 | 48 | -17 | 1 | 172 | |
| 88968 BASE ORCADAS | 6045S | 04443W | 4 | | 986.3 | 987.8 | .3 | 1.6 | 5.3 | | 21 | 174 | 130 | 6 | 27 | 45 |
| 89053 BASE JUBANY | 6214S | 05838W | 4 | | | 973.1 | .5 | | 6.0 | | 15 | 62 | | 1 | 109 | |
| 89055 BASE MARAMBIO (CENTRO MET. A | 6414S | 05643W | 198 | | 953.4 | 977.4 | -1.8 | | 4.8 | | 2 | 6 | | | 111 | |
| 89066 BASE SAN MARTIN | 6808S | 06708W | 4 | | 973.8 | 974.7 | -1.4 | | 3.7 | | 2 | 9 | | | 155 | |
| UNITED KINGDOM (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89022 HALLEY | 7530S | 02639W | 30 | | 977.0 | 980.8 | -10.2 | | 2.6 | | | | | | 253 | 90 |
| 89062 ROTHERA POINT | 6734S | 06808W | 16 | | 970.0 | 974.0 | -1.8 | | 4.2 | | | | | | 165 | 95 |
| UKRAINE (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89063 VERNADSKY | 6515S | 06416W | 11 | | 975.7 | 977.1 | -2.3 | | 4.4 | | 12 | 208 | | 3 | 121 | 125 |
| GERMANY (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89002 NEUMAYER | 7040S | 00815W | 50 | | 978.4 | 983.7 | -10.1 | | 2.6 | | | | | | 197 | |
| ARGENTINA (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89034 BASE BELGRANO II | 7752S | 03437W | 256 | | 951.1 | 982.8 | -6.3 | | 2.1 | | 4 | 262 | | | 202 | |
| CHILE (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89056 CENTRO MET. ANTARTICO ' ' PDTE. ED | 6211S | 05859W | 48 | | 975.9 | 980.9 | -.4 | | 5.3 | | 10 | 32 | | 4 | 130 | 175 |
| 89057 BASE ARTURO PRAT | 6230S | 05941W | 5 | | 979.9 | 981.2 | -.2 | | 5.2 | | 16 | 63 | | 3 | 106 | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| 89059 BASE BERNARDO O'HIGGINS | 6319S | 05641W | 10 | | 978.0 | 979.7 | - .8 | | 4.9 | | 14 | 50 | | 3 | 92 | |
| JAPAN (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89532 SYOWA | 6900S | 03935E | 21 | | 978.6 | 981.2 | -7.1 | - .7 | 2.4 | - .2 | | | | | 347 | |
| AUSTRALIA (ANTARCTIC) | | | | | | | | | | | | | | | | |
| 89564 MAWSON | 6736S | 06252E | 16 | | 978.9 | 980.9 | -5.1 | | 2.6 | | | | | | 213 | 84 |
| 89571 DAVIS | 6834S | 07757E | 13 | | 978.9 | 981.8 | -3.7 | | 3.1 | | 1 | 1 | 0 | 2 | 174 | 76 |
| 89611 CASEY | 6617S | 11031E | 42 | | 980.0 | 985.2 | -6.6 | | 2.9 | | 9 | 24 | | | 255 | 80 |
| SW PACIFIC | | | | | | | | | | | | | | | | |
| MALAYSIA (PENIN. MALAYSIA) | | | | | | | | | | | | | | | | |
| 48601 PENANG/BAYAN LEPAS | 0518N | 10016E | 4 | | 1010.1 | 1010.4 | 27.3 | .8 | 31.0 | 1.7 | 12 | 202 | -29 | 3 | | |
| 48615 KOTA BHARU | 0610N | 10217E | 5 | | 1010.5 | 1011.1 | 26.4 | .5 | 30.0 | 1.7 | 19 | 483 | -173 | 2 | | |
| 48647 KUALA LUMPUR/SUBANG | 0307N | 10133E | 22 | | 1007.4 | 1009.9 | 27.7 | 1.6 | 29.5 | .3 | 15 | 222 | -53 | 2 | | |
| 48657 KUANTAN | 0337N | 10313E | 16 | | 1009.1 | 1010.9 | 26.0 | .7 | 30.5 | 1.5 | 21 | 219 | -124 | 2 | | |
| 48665 MALACCA | 0216N | 10215E | 9 | | 1009.0 | 1010.0 | 26.9 | .8 | 30.7 | 1.2 | 13 | 195 | -36 | 3 | | |
| SINGAPORE | | | | | | | | | | | | | | | | |
| 48698 SINGAPORE/CHANGI AIRPORT | 0122N | 10359E | 16 | | 1008.3 | 1010.2 | 27.2 | .9 | 30.4 | 1.0 | 11 | 175 | -77 | 2 | 112 | 87 |
| USA (PACIFIC OCEAN NORTH) | | | | | | | | | | | | | | | | |
| 91165 LIHUE, KAUAI, HAWAII | 2159N | 15921W | 45 | | | 1016.0 | 24.4 | .2 | 23.8 | | 12 | 169 | 31 | 4 | | |
| 91182 HONOLULU, OAHU, HAWAII | 2121N | 15756W | 5 | | | 1015.5 | 25.2 | .1 | 23.5 | | 3 | 99 | 23 | 4 | | |
| 91285 HILO/GEN. LYMAN, HAWAII, | 1943N | 15504W | 11 | | | 1016.4 | 23.4 | .0 | 23.1 | | 18 | 505 | 137 | 5 | | |
| 91334 TRUK, CAROLINE IS. | 0728N | 15151E | 2 | | | 1008.1 | 27.9 | .2 | 31.2 | | 20 | 361 | 80 | 4 | | |
| 91348 PONAPE, CAROLINE ISLANDS. | 0658N | 15813E | 46 | | | 1009.1 | 27.0 | -.1 | 31.0 | | 23 | 367 | -32 | 2 | | |
| 91366 KWAJALEIN/BUCHOLZ AAF, MARSH | 0844N | 16744E | 8 | | | 1009.0 | 28.1 | .3 | 31.1 | | 24 | 353 | 83 | 4 | | |
| 91376 MAJURO/MARSHALL IS. INTL | 0705N | 17123E | 3 | | | 1008.4 | 27.9 | .6 | 30.6 | | 27 | 346 | 21 | 3 | | |
| 91408 KOROR, PALAU IS. | 0720N | 13429E | 33 | | | 1007.9 | 28.4 | .5 | 31.7 | | 21 | 295 | 8 | 4 | | |
| 91413 YAP, CAROLINE IS. | 0929N | 13805E | 16 | | | 1008.0 | 28.1 | .8 | 32.2 | | 20 | 193 | -37 | 2 | | |
| NEW CALEDONIA | | | | | | | | | | | | | | | | |
| 91577 KOUMAC (NLLE-CALEDONIE) | 2034S | 16417E | 18 | | 1010.1 | 1012.1 | 25.2 | 1.2 | 22.9 | | 2 | 57 | -6 | | 256 | 103 |
| 91592 NOUMEA (NLLE-CALEDONIE) | 2216S | 16627E | 72 | | 1004.7 | 1012.9 | 24.9 | 1.5 | 22.0 | | 5 | 18 | -44 | 1 | 280 | 112 |
| FIJI | | | | | | | | | | | | | | | | |
| 91650 ROTUMA | 1230S | 17703E | 26 | | | 1009.8 | 28.1 | | 30.6 | | 19 | 206 | | 1 | 221 | 125 |
| 91652 UNDU POINT | 1608S | 17959W | 63 | | | 1010.8 | 26.9 | | 29.1 | | 12 | 51 | | 1 | | |
| 91680 NANDI | 1745S | 17727E | 25 | | | 1010.6 | 26.4 | .2 | 28.7 | | 7 | 67 | -72 | 1 | 273 | 124 |
| 91683 NAUSORI | 1803S | 17834E | 7 | | | 1011.6 | 25.7 | | 26.9 | | 9 | 211 | | 2 | | |
| 91699 ONO-I-LAU | 2040S | 17843W | 28 | | | 1012.8 | 25.8 | | 27.5 | | 8 | 35 | | 2 | | |
| SAMOA (USA) | | | | | | | | | | | | | | | | |
| 91765 PAGO PAGO/INT. AIRPORT | 1420S | 17043W | 3 | | 1010.1 | 1010.4 | 28.6 | | 30.6 | | 14 | 217 | | 2 | 199 | 128 |
| COOK ISLANDS (NEW ZEALAND) | | | | | | | | | | | | | | | | |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | |
| 91843 RAROTONGA | 2112S | 15949W | 7 | | 1014.2 | 1015.0 | 24.3 | | 24.1 | | 12 | 145 | | 4 | 228 | 245 |
| FRENCH POLY. (MARQUESAS) | | | | | | | | | | | | | | | | |
| 91925 ATUONA | 0948S | 13902W | 52 | | 1005.4 | 1011.2 | 26.2 | | 24.3 | | 7 | 55 | -14 | 3 | 233 | 95 |
| FRENCH POLY. (SOCIETY IS) | | | | | | | | | | | | | | | | |
| 91929 BORA-BORA | 1626S | 15145W | 3 | | 1011.8 | 1012.2 | 26.7 | | 28.3 | | 15 | 259 | | 4 | 204 | |
| 91938 TAHITI-FAAA | 1733S | 14937W | 2 | | 1012.2 | 1012.5 | 26.5 | | 24.9 | | 4 | 52 | -110 | 1 | 240 | 115 |
| FRENCH POLY. (TUAMOTU IS) | | | | | | | | | | | | | | | | |
| 91943 TAKAROA | 1429S | 14502W | 3 | | 1011.4 | 1011.7 | 27.5 | | 27.4 | | 16 | 183 | -22 | 4 | 219 | 95 |
| 91945 HEREHERETUE | 1952S | 14500W | 3 | | 1013.5 | 1013.9 | 25.5 | | 24.7 | | 6 | 96 | | 2 | 213 | 105 |
| 91948 RIKITEA | 2308S | 13458W | 89 | | 1005.6 | 1015.8 | 22.9 | | 24.3 | | 15 | 288 | 33 | 4 | 138 | 78 |
| FRENCH POLY. (AUSTRAL IS) | | | | | | | | | | | | | | | | |
| 91954 TUBUAI | 2321S | 14929W | 3 | | 1016.1 | 1016.3 | 23.3 | | 22.8 | | 10 | 69 | -52 | 2 | 201 | 103 |
| 91958 RAPA | 2737S | 14420W | 2 | | 1018.8 | 1019.1 | 20.4 | | 19.3 | | 10 | 78 | | 1 | 132 | 90 |
| PAPUA NEW GUINEA | | | | | | | | | | | | | | | | |
| 92001 KIUNGA W.O. | 0605S | 14111E | 35 | | | | | | 30.0 | | 21 | 320 | | | 169 | |
| 92003 DARU W.O. | 0905S | 14312E | 9 | | 1007.6 | 1008.6 | | | 31.3 | | 8 | 125 | | | 148 | |
| 92004 WEWAK W.O. | 0335S | 14340E | 4 | | 1007.7 | 1008.1 | | | 30.9 | | 16 | 212 | | | 180 | |
| 92014 MADANG W.O. | 0513S | 14548E | 5 | | 1007.5 | 1008.1 | | | 31.1 | | 16 | 322 | | 2 | 188 | 100 |
| 92035 PORT MORESBY W.O. | 0923S | 14713E | 58 | | 1001.0 | 1006.8 | | | 28.6 | | 16 | 74 | | 4 | 204 | 80 |
| 92072 HOSKINS W.O. | 0528S | 15024E | 8 | | | | | | 24.4 | | 22 | 259 | | | | |
| 92076 KAVIENG W.O. | 0234S | 15049E | 4 | | 1007.7 | 1008.2 | | | 32.1 | | 17 | 181 | | | 224 | |
| 92087 MISIMA W.O. | 1041S | 15250E | 7 | | 1008.1 | 1008.9 | | | 33.2 | | 16 | 190 | | | 208 | |
| NEW ZEALAND | | | | | | | | | | | | | | | | |
| 93012 KAITAIA | 3506S | 17316E | 54 | | | | 16.4 | | 15.7 | | 12 | 124 | 23 | 4 | 177 | 90 |
| 93292 GISBORNE AERODROME AWS | 3839S | 17759E | 5 | | | 1015.3 | 16.3 | .5 | 13.3 | | 12 | 58 | 2 | 2 | | |
| 93309 NEW PLYMOUTH AWS | 3901S | 17411E | 32 | | | 1014.9 | 15.3 | | 14.2 | | 15 | 202 | | 5 | | |
| 93417 PARAPARAUMU AERODROME | 4054S | 17459E | 12 | | | 1014.7 | 14.9 | .8 | 12.8 | | 11 | 168 | 86 | 5 | 169 | 80 |
| 93615 HOKITIKA AERODROME AWS | 4243S | 17059E | 40 | | | 1013.1 | 13.3 | | 12.2 | | 20 | 397 | | 5 | | |
| 93678 KAIKOURA | 4225S | 17342E | 101 | | | 1012.4 | 13.2 | | 11.2 | | 7 | 95 | | 5 | | |
| 93780 CHRISTCHURCH | 4329S | 17233E | 30 | | | 1012.3 | 13.5 | | 11.0 | | | | | | 171 | 80 |
| 93844 INVERCARGILL AERODROME | 4625S | 16819E | 4 | | | 1011.2 | 11.6 | .2 | 10.7 | | | | | | | |
| 93947 CAMPBELL ISLAND AWS | 5233S | 16909E | 19 | | | 1005.8 | 7.6 | | 8.3 | | 17 | 151 | | 6 | | |
| 93987 CHATHAM ISLANDS AWS | 4357S | 17634W | 49 | | | 1014.4 | 12.5 | | 12.4 | | 14 | 77 | | 4 | | |
| 93994 RAOUL ISLAND KERMADEC IS. | 2915S | 17755W | 49 | | | 1016.6 | 20.6 | | 20.5 | | | | | | | |
| AUSTRALIA | | | | | | | | | | | | | | | | |
| 94120 DARWIN AIRPORT | 1225S | 13053E | 31 | | 1004.5 | 1008.4 | 29.0 | | 29.8 | | 19 | 178 | 47 | 4 | 246 | 96 |
| 94150 GOVE AIRPORT | 1217S | 13649E | 54 | | 1002.6 | 1008.6 | 27.9 | | 27.9 | | 3 | 19 | | 3 | 264 | 90 |
| 94203 BROOME AIRPORT | 1757S | 12214E | 7 | | 1007.7 | 1008.7 | 27.7 | | 26.3 | | 0 | 0 | -8 | 1 | 330 | |
| 94212 HALLS CREEK AMO | 1814S | 12740E | 424 | | 961.2 | 1007.6 | 30.3 | | 17.4 | | 7 | 29 | -6 | 3 | | |
| 94238 TENNANT CREEK MET OFFICE | 1938S | 13411E | 375 | | 967.4 | 1009.0 | 28.8 | | 13.1 | | 5 | 56 | 24 | 5 | | |
| 94287 CAIRNS AERO | 1653S | 14545E | 3 | | 1010.0 | 1010.9 | 27.0 | | 25.7 | | 6 | 112 | 12 | 4 | 270 | 110 |
| 94294 TOWNSVILLE AERO | 1915S | 14645E | 9 | | 1010.6 | 1011.6 | 27.6 | | 24.6 | | 4 | 70 | 16 | 4 | 282 | 101 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 _C | O _C | mb | mb | | mm | mm | | hr | |
| 94299 WILLIS ISLAND | 1618S | 14959E | 6 | | 1009.8 | 1010.8 | 27.7 | | 27.0 | | 2 | 4 | -27 | 1 | | |
| 94312 PORT HEDLAND AIRPORT | 2022S | 11838E | 9 | | 1007.7 | 1008.6 | 27.2 | | 21.0 | | 0 | 0 | -1 | 1 | | |
| 94326 ALICE SPRINGS AERO | 2348S | 13353E | 546 | | 950.5 | 1011.1 | 23.8 | | 13.0 | | 8 | 76 | 49 | 5 | 287 | 95 |
| 94332 MT ISA AERO | 2041S | 13929E | 340 | | 971.5 | 1009.3 | 28.2 | | 12.7 | | 1 | 11 | -13 | 3 | 287 | 97 |
| 94346 LONGREACH AIRPORT | 2326S | 14417E | 192 | | 988.7 | 1010.3 | 26.4 | | 14.7 | | 7 | 80 | 55 | 5 | | |
| 94367 MACKAY MO | 2107S | 14913E | 30 | | 1008.5 | 1012.1 | 25.8 | | 23.1 | | 4 | 55 | -33 | 2 | 284 | 105 |
| 94374 ROCKHAMPTON AERO | 2323S | 15029E | 14 | | 1011.2 | 1013.0 | 24.8 | | 19.1 | | 3 | 55 | -22 | 2 | | |
| 94403 GERALDTON AIRPORT | 2848S | 11442E | 33 | | 1009.1 | 1013.2 | 20.8 | | 13.9 | | 1 | 6 | -6 | 3 | | |
| 94430 MEEKATHARRA AIRPORT | 2637S | 11833E | 517 | | 952.0 | 1009.5 | 25.8 | | 8.3 | | 1 | 3 | -10 | 3 | | |
| 94461 GILES | 2502S | 12817E | 598 | | 943.9 | 1009.8 | 25.0 | | 11.5 | | 4 | 29 | 7 | 4 | 318 | 103 |
| 94610 PERTH AIRPORT | 3156S | 11559E | 31 | | 1012.2 | 1014.7 | 20.4 | | 11.5 | | 2 | 24 | 2 | 4 | 331 | |
| 94647 EUCLA | 3141S | 12853E | 102 | | 1004.4 | 1016.4 | 17.0 | | 12.7 | | 6 | 44 | | 5 | | |
| 94653 CEDUNA AIRPORT | 3208S | 13342E | 16 | | 1014.3 | 1016.1 | 17.7 | | 11.6 | | 2 | 25 | 7 | 4 | 300 | 106 |
| 94693 MILDURA AIRPORT | 3414S | 14205E | 52 | | 1007.9 | 1014.0 | 19.1 | | 8.8 | | | 1 | -20 | 1 | 304 | 95 |
| 94711 COBAR | 3129S | 14550E | 264 | | 982.0 | 1012.1 | 21.9 | | 8.1 | | 3 | 21 | -10 | 3 | 325 | 104 |
| 94767 SYDNEY AIRPORT | 3356S | 15110E | 5 | | 1012.2 | 1012.8 | 19.1 | | 14.5 | | 11 | 69 | -32 | 3 | 182 | 75 |
| 94776 WILLIAMTOWN AERODROME | 3248S | 15150E | 8 | | 1012.2 | 1013.2 | 18.7 | | 14.9 | | 10 | 103 | 27 | 4 | 188 | 80 |
| 94791 COFFS HARBOUR MO | 3019S | 15307E | 5 | | 1012.6 | 1013.4 | 19.8 | | 16.5 | | 14 | 132 | -3 | 3 | 208 | 86 |
| 94802 ALBANY AIRPORT | 3456S | 11748E | 69 | | 1009.5 | 1017.8 | 14.9 | | 12.7 | | 10 | 44 | -3 | 3 | 219 | |
| 94821 MOUNT GAMBIER AERO | 3744S | 14047E | 69 | | 1007.2 | 1015.5 | 13.1 | | 11.4 | | 12 | 65 | 20 | 5 | 224 | 102 |
| 94866 MELBOURNE AIRPORT | 3740S | 14451E | 132 | | 999.9 | 1014.1 | 14.2 | | 11.3 | | 12 | 55 | -8 | 3 | 202 | |
| 94907 EAST SALE AIRPORT | 3806S | 14708E | 8 | | 1013.0 | 1014.0 | 14.3 | | 12.1 | | 12 | 77 | 19 | 4 | 200 | 90 |
| 94910 WAGGA AIRPORT | 3510S | 14727E | 213 | | 987.7 | 1012.6 | 17.6 | | 9.3 | | 3 | 12 | -28 | 1 | 295 | 95 |
| 94926 GANBERRA AMO | 3518S | 14912E | 580 | | 946.3 | 1012.8 | 15.0 | | 10.3 | | 5 | 42 | -22 | 2 | 272 | 101 |
| 94968 LAUNCESTON AIRPORT | 4132S | 14712E | 178 | | 992.3 | 1013.4 | 12.0 | | 10.2 | | 9 | 71 | 25 | 5 | 251 | 101 |
| 94975 HOBART AIRPORT | 4250S | 14729E | 27 | | 1010.3 | 1013.6 | 13.0 | | 10.1 | | 13 | 104 | 58 | 6 | 198 | 92 |
| AUSTRALIA (ADDITIONAL IS.) | | | | | | | | | | | | | | | | |
| 94995 LORD HOWE ISLAND AERO | 3132S | 15904E | 6 | | 1012.3 | 1013.1 | 19.1 | | 16.3 | | 14 | 286 | 166 | 6 | | |
| 94996 NORFOLK ISLAND AERO | 2902S | 16756E | 109 | | 1002.3 | 1015.2 | 19.3 | | 16.8 | | 7 | 145 | 48 | 4 | 238 | 106 |
| 94998 MACQUARIE ISLAND | 5429S | 15856E | 6 | | 1002.0 | 1003.0 | 5.3 | | 7.8 | | 16 | 47 | -23 | 1 | 121 | 119 |
| INDONESIA (SUMATRA) | | | | | | | | | | | | | | | | |
| 96035 MEDAN/POLONIA | 0334N | 09841E | 25 | | | 1013.1 | 26.5 | | 29.7 | | 20 | 468 | | 6 | 86 | 100 |
| 96073 SIBOLGA/PINANGSORI | 0133N | 09853E | 3 | | | 1010.0 | 26.3 | | 28.7 | | 16 | 236 | | 1 | 97 | 75 |
| 96109 PAKANBARU/SIMPANGTIGA | 0028N | 10127E | 31 | | | 1011.1 | 27.2 | | 28.6 | | 11 | 113 | | 4 | 148 | |
| 96163 PADANG/TABING | 0053S | 10021E | 3 | | | 1010.6 | 27.1 | | 28.1 | | 18 | 309 | | | 119 | 65 |
| 96221 PALEMBANG/TALANGBETUTU | 0254S | 10442E | 10 | | | 1011.1 | 26.4 | | 29.5 | | 19 | 470 | | | 107 | |
| 96249 TANJUNGPANDAN/BULUH TUMBANG | 0245S | 10745E | 44 | | | 1009.8 | 26.2 | | 21.2 | | 24 | 505 | | 3 | 113 | 60 |
| BRUNEI DARUSSALAM | | | | | | | | | | | | | | | | |
| 96315 BRUNEI AIRPORT | 0456N | 11456E | 15 | | 1007.7 | 1009.6 | 27.0 | | 30.8 | .6 | 21 | 308 | -51 | 2 | 179 | 87 |
| MALAYSIA (SABAH & SARAWAK) | | | | | | | | | | | | | | | | |
| 96413 KUCHING | 0129N | 11020E | 27 | | 1007.7 | 1010.2 | 25.9 | | 29.2 | | 23 | 369 | | 4 | | |
| 96421 SIBU | 0220N | 11150E | 8 | | 1007.7 | 1011.3 | 26.6 | | 30.7 | | 21 | 242 | | 2 | 167 | 100 |
| 96441 BINTULU | 0312N | 11302E | 5 | | | 1010.4 | 26.8 | .5 | 29.7 | | 22 | 372 | -55 | 2 | 161 | 95 |
| 96449 MIRI | 0420N | 11359E | 18 | | 1007.8 | 1009.8 | 26.9 | 1.4 | 30.7 | | 15 | 288 | -34 | 2 | | |
| 96465 LABUAN | 0518N | 11515E | 30 | | 1006.0 | 1009.3 | 27.2 | | 31.0 | .5 | 21 | 373 | | 4 | 148 | 70 |

SURFACE

NOVEMBER 2001

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | 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 | °C | °C | mb | mb | | mm | mm | | hr | |
| 96471 KOTA KINABALU | 0556N | 11603E | 3 | | 1009.1 | 1009.4 | 26.8 | | 30.5 | | 18 | 281 | | 3 | | |
| 96481 TAWAU | 0416N | 11753E | 20 | | 1006.6 | 1008.8 | 27.0 | | 31.6 | | 14 | 187 | 37 | 4 | 175 | 90 |
| 96491 SANDAKAN | 0554N | 11804E | 13 | | 1007.7 | 1008.9 | 27.2 | .4 | 32.2 | | 15 | 372 | | 3 | 132 | 75 |
| INDONESIA (JAWA) | | | | | | | | | | | | | | | | |
| 96749 JAKARTA/SOEKARNO- HATTA | 0607S | 10639E | 8 | | | 1010.1 | 27.3 | | 31.6 | | 13 | 118 | | | | |
| 96805 CILACAP | 0744S | 10901E | 6 | | | 1009.9 | 27.2 | | 30.6 | | 25 | 590 | | | 115 | 70 |
| AUSTRALIA (OCEAN ISLANDS) | | | | | | | | | | | | | | | | |
| 96996 COCOS ISLAND AERO | 1211S | 09649E | 3 | | 1010.5 | 1010.9 | 26.7 | | 27.9 | | 6 | 118 | 20 | 4 | | |
| INDONESIA (SULAWESI) | | | | | | | | | | | | | | | | |
| 97014 MENADO/DR. SAM RATULANGI | 0132N | 12455E | 80 | | 999.5 | 1008.8 | 26.6 | | 28.6 | | 23 | 545 | | 5 | 164 | 105 |
| 97180 UJUNG PANDANG/HASANUDDIN | 0504S | 11933E | 14 | | 1007.8 | 1009.0 | 26.1 | | 28.7 | | 25 | 557 | | 5 | 151 | 75 |
| INDONESIA (MALUKU/IRIAN JAYA) | | | | | | | | | | | | | | | | |
| 97530 MANOKWARI/RENDANI | 0053S | 13403E | 3 | | | 1007.4 | 27.6 | | 30.3 | | 20 | 107 | | 1 | 154 | 95 |
| 97690 JAYAPURA/SENTANI | 0234S | 14029E | 99 | | | 1007.4 | 27.3 | | .0 | | 16 | 168 | | | 106 | |
| PHILIPPINES | | | | | | | | | | | | | | | | |
| 98135 BASCO | 2027N | 12158E | 11 | | 995.8 | 1014.8 | 23.8 | | 23.4 | | 17 | 161 | | 5 | | |
| 98223 LAOAG | 1811N | 12032E | 5 | | | | | | | | | 10 | | 2 | 251 | |
| 98232 APARRI | 1822N | 12138E | 3 | | 1009.3 | 1009.6 | 25.8 | | 22.4 | | 11 | 31 | | 0 | | |
| 98233 TUGUEGARAO | 1737N | 12144E | 62 | | 1006.1 | 1013.2 | 23.8 | | 19.6 | | 14 | 197 | | 3 | | |
| 98325 DAGUPAN | 1603N | 12020E | 2 | | 1009.3 | 1009.9 | 26.2 | | 28.1 | | 4 | 5 | | 1 | | |
| 98328 BAGUIO | 1625N | 12036E | 1501 | | 850.9 | 1009.5 | 18.0 | | 19.4 | | 7 | 62 | | 2 | | |
| 98330 CABANATUAN | 1529N | 12058E | 32 | | 1007.0 | 1010.2 | 27.7 | | 28.1 | | 2 | 21 | | | | |
| 98429 NINYO AQUINO INTER- NATIONAL | 1431N | 12100E | 15 | | 1008.3 | 1010.7 | 27.4 | | 21.1 | | | | | | | |
| 98444 LEGASPI | 1308N | 12344E | 17 | | 1007.5 | 1007.8 | 27.3 | | 29.8 | | 19 | 447 | | 3 | | |
| 98550 TACLOBAN | 1115N | 12500E | 3 | | 1006.9 | 1007.2 | 26.9 | | 31.7 | | 22 | 595 | | 5 | 113 | 115 |
| 98637 ILOILO | 1042N | 12234E | 8 | | 1007.9 | 1008.6 | 27.1 | | 27.1 | | 14 | 332 | | 5 | | |
| 98644 TAGBILARAN | 0936N | 12351E | 8 | | 1007.6 | 1008.3 | 25.4 | | 31.7 | | 16 | 448 | | 6 | | |
| 98646 MACTAN | 1018N | 12358E | 24 | | 1008.6 | 1014.4 | 27.4 | | 29.8 | | 15 | 335 | | | | |
| 98653 SURIGAO | 0948N | 12530E | 55 | | 1003.6 | 1008.1 | 26.8 | | 31.7 | | 24 | 881 | | 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. | |
| OVERDUE JUNE 2001 | ° | ° | m | | mb | mb | ° C | ° C | mb | mb | | mm | mm | | hr | | |
| AFRICA | | | | | | | | | | | | | | | | | |
| MADEIRA 08522 FUNCHAL | 3238N | 01654W | 56 | | 1014.4 | 1021.2 | 21.4 | | 17.3 | | | 0 | T | | 4 | | |
| SEPTEMBER 2001 | | | | | | | | | | | | | | | | | |
| ASIA | | | | | | | | | | | | | | | | | |
| THAILAND 48327 CHIANG MAI | 1847N | 09859E | 314 | | 971.9 | 1007.1 | 26.4 | | 27.9 | | | 13 | 129 | | 1 | 177 | 100 |
| OCTOBER 2001 | | | | | | | | | | | | | | | | | |
| AFRICA | | | | | | | | | | | | | | | | | |
| NIGER | | | | | | | | | | | | | | | | | |
| 61085 DIFFA | 1325N | 01247E | 305 | | | | 28.5 | | 8.0 | | | | | | | | |
| 61091 MAGARIA | 1259N | 00856E | 403 | | | 1013.1 | | | 8.4 | | | | | | | | |
| 61096 MAINE-SOROA | 1314N | 01159E | 337 | | 973.4 | 1011.2 | 28.5 | | 7.6 | | | | | | | | |
| 61099 GAYA | 1153N | 00327E | 203 | | | | 28.9 | | 11.2 | | | | | | | | |
| MAURITANIA | | | | | | | | | | | | | | | | | |
| 61404 ZOUPERATE | 2245N | 01229W | 343 | | | 1015.3 | 23.0 | | 9.7 | | | | | | | | |
| 61415 NOUADHIBOU | 2056N | 01702W | 3 | | 1014.6 | 1015.1 | 21.1 | | 17.5 | | | 0 | 0 | | 2 | 292 | 120 |
| 61450 TIDJIKJA | 1834N | 01126W | 402 | | | 1013.3 | 26.6 | | 9.7 | | | 1 | T | | 4 | | |
| 61497 NEMA | 1636N | 00716W | 269 | | | | 10.2 | | 7.5 | | | | | | | | |

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 | QUINILE | TOTAL | % OF AV. |
| | o' | o' | m | | mb | mb | o | o c | mb | mb | | mm | mm | | hr | |
| 61498 KIFFA | 1638N | 01124W | 115 | | 997.6 | 1010.7 | 28.7 | | 8.6 | | 1 | 3 | | 2 | | |
| 61499 AIOUN EL ATROUSS | 1642N | 00936W | 223 | | 985.5 | 1011.4 | 29.0 | | 7.5 | | 1 | T | | 5 | | |
| SENEGAL | | | | | | | | | | | | | | | | |
| 61630 MATAM | 1539N | 01315W | 17 | | 1009.0 | 1010.9 | 29.1 | | | | 2 | 3 | -18 | 5 | 210 | 76 |
| S AMERICA | | | | | | | | | | | | | | | | |
| VENEZUELA | | | | | | | | | | | | | | | | |
| 80437 EL VIGIA | 0838N | 07139W | 103 | | 1000.8 | 1009.3 | 28.9 | | 28.6 | | 17 | 261 | | | 155 | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - NORWAY JAN MAYEN 01001 NOV 2001 7056N 00840W OB 3 | | | | | | | | | EUROPE - NORWAY BJORNOYA 01028 NOV 2001 7431N 01901E OB 3 | | | | | | | | | EUROPE - NORWAY BODO 01152 NOV 2001 6715N 01424E OB 3 | | | | | | | | |
| 030 | 22832 | 2 | -72.9 | 22.6 | 2 | 92 | 288 | 28 | 030 | 22608 | 4 | -73.9 | 23.1 | 4 | 91 | 300 | 19 | 030 | 22919 | 1 | -72.5 | 23.2 | 1 | 93 | 295 | 25 |
| 050 | 19802 | 2 | -68.0 | 23.6 | 2 | 91 | 285 | 25 | 050 | 19587 | 1 | -70.4 | 22.8 | 1 | 90 | 299 | 18 | 050 | 19848 | 0 | -68.2 | 22.6 | 0 | 93 | 297 | 22 |
| 100 | 15565 | 2 | -60.3 | 24.6 | 2 | 87 | 280 | 24 | 100 | 15393 | 1 | -62.1 | 25.1 | 1 | 81 | 294 | 16 | 100 | 15608 | 0 | -60.8 | 23.9 | 0 | 86 | 295 | 20 |
| 150 | 13017 | 2 | -56.6 | 23.8 | 2 | 84 | 279 | 23 | 150 | 12869 | 1 | -58.0 | 23.9 | 1 | 76 | 290 | 15 | 150 | 13066 | 0 | -57.5 | 23.2 | 0 | 79 | 294 | 20 |
| 200 | 11186 | 1 | -54.9 | 20.1 | 2 | 82 | 277 | 26 | 200 | 11054 | 1 | -56.8 | 19.7 | 1 | 72 | 287 | 15 | 200 | 11246 | 0 | -57.0 | 19.6 | 0 | 73 | 293 | 21 |
| 300 | 8589 | 1 | -52.7 | 12.2 | 2 | 76 | 273 | 24 | 300 | 8482 | 0 | -56.1 | 9.9 | 0 | 64 | 272 | 16 | 300 | 8666 | 0 | -53.1 | 11.2 | 0 | 65 | 289 | 20 |
| 500 | 5156 | 1 | -32.2 | 9.2 | 1 | 69 | 268 | 14 | 500 | 5102 | 0 | -36.3 | 7.8 | 0 | 67 | 266 | 12 | 500 | 5233 | 0 | -31.8 | 9.1 | 0 | 67 | 281 | 15 |
| 700 | 2708 | 0 | -17.9 | 8.2 | 1 | 58 | 267 | 9 | 700 | 2693 | 0 | -21.1 | 8.3 | 0 | 56 | 260 | 8 | 700 | 2776 | 0 | -15.9 | 5.6 | 0 | 67 | 271 | 11 |
| 850 | 1239 | 0 | -11.6 | 3.6 | 1 | 49 | 295 | 6 | 850 | 1237 | 0 | -12.9 | 3.2 | 0 | 30 | 267 | 4 | 850 | 1285 | 0 | -6.3 | 3.6 | 0 | 59 | 258 | 8 |
| 996 | * 9 | | -3.2 | 3.3 | | | | | 994 | * 18 | | -3.8 | 3.5 | | | | | 995 | * 33 | | 2.3 | 4.2 | | | | |
| EUROPE - NORWAY ORLAND 01241 NOV 2001 6342N 00936E OB 3 | | | | | | | | | EUROPE - NORWAY STAVANGER/SOLA 01415 NOV 2001 5852N 00540E OB 3 | | | | | | | | | EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 NOV 2001 6232N 01727E OB 3 | | | | | | | | |
| 030 | 23078 | 2 | -71.2 | 21.9 | 2 | 93 | 295 | 23 | 030 | 23253 | 1 | -67.9 | 23.3 | 1 | 92 | 299 | 20 | 030 | 23004 | 22 | -72.4 | 26.3 | 9 | 90 | 300 | 22 |
| 050 | 19996 | 0 | -67.0 | 22.6 | 0 | 91 | 299 | 20 | 050 | 20167 | 0 | -65.6 | 23.3 | 0 | 91 | 303 | 18 | 050 | 19976 | 12 | -67.2 | 27.0 | 9 | 90 | 300 | 22 |
| 100 | 15743 | 0 | -61.5 | 23.6 | 0 | 87 | 300 | 22 | 100 | 15910 | 0 | -61.2 | 22.6 | 0 | 88 | 304 | 19 | 100 | 15723 | 6 | -60.6 | 28.6 | 6 | 84 | 303 | 18 |
| 150 | 13208 | 0 | -57.6 | 22.7 | 0 | 81 | 299 | 21 | 150 | 13381 | 0 | -59.0 | 20.3 | 0 | 83 | 307 | 22 | 150 | 13191 | 6 | -57.6 | 28.3 | 6 | 82 | 307 | 22 |
| 200 | 11387 | 0 | -56.6 | 18.8 | 0 | 77 | 301 | 25 | 200 | 11575 | 0 | -58.2 | 16.3 | 0 | 79 | 308 | 24 | 200 | 11370 | 6 | -56.7 | 24.5 | 6 | 77 | 310 | 24 |
| 300 | 8797 | 0 | -51.1 | 10.4 | 0 | 72 | 300 | 25 | 300 | 8982 | 0 | -48.8 | 10.7 | 0 | 76 | 307 | 25 | 300 | 8785 | 6 | -51.9 | 12.7 | 6 | 68 | 313 | 22 |
| 500 | 5322 | 0 | -29.0 | 8.1 | 0 | 74 | 293 | 19 | 500 | 5454 | 0 | -25.0 | 11.9 | 0 | 78 | 301 | 19 | 500 | 5316 | 6 | -29.3 | 12.0 | 6 | 68 | 308 | 15 |
| 700 | 2843 | 0 | -13.7 | 6.7 | 0 | 80 | 281 | 14 | 700 | 2934 | 0 | -10.5 | 8.2 | 0 | 78 | 300 | 13 | 700 | 2834 | 6 | -13.8 | 9.7 | 6 | 60 | 305 | 10 |
| 850 | 1342 | 0 | -5.0 | 3.7 | 0 | 77 | 276 | 12 | 850 | 1418 | 0 | -3.1 | 4.1 | 0 | 63 | 298 | 9 | 850 | 1334 | 6 | -5.7 | 4.7 | 6 | 55 | 307 | 9 |
| 1004 | * 10 | | 4.3 | 3.8 | | | | | 1009 | * 14 | | 5.3 | 3.4 | | | | | 1007 | * 6 | | .6 | 2.6 | | | | |
| EUROPE - SWEDEN GOTEBORG/LANDVETTER 02527 NOV 2001 5740N 01218E OB 3 | | | | | | | | | EUROPE - FINLAND SODANKYLA 02836 NOV 2001 6722N 02639E OB 3 | | | | | | | | | EUROPE - FINLAND JYVASKYLA 02935 NOV 2001 6224N 02541E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | 22757 | 0 | -73.8 | 18.9 | 1 | 91 | 296 | 23 | 030 | 22965 | 0 | -71.5 | 19.0 | 0 | 90 | 297 | 22 |
| 050 | 20123 | 27 | -66.6 | 25.3 | 9 | 94 | 296 | 16 | 050 | 19771 | 0 | -69.0 | 21.3 | 0 | 92 | 303 | 20 | 050 | 19922 | 0 | -67.7 | 20.5 | 0 | 88 | 301 | 18 |
| 100 | 15867 | 16 | -62.3 | 24.8 | 9 | 87 | 317 | 15 | 100 | 15555 | 0 | -61.3 | 25.1 | 0 | 85 | 298 | 16 | 100 | 15680 | 0 | -60.4 | 23.4 | 0 | 81 | 304 | 16 |
| 150 | 13338 | 13 | -59.6 | 21.7 | 9 | 80 | 326 | 18 | 150 | 13021 | 0 | -58.0 | 25.3 | 0 | 78 | 299 | 16 | 150 | 13136 | 0 | -57.1 | 23.7 | 0 | 76 | 308 | 16 |
| 200 | 11535 | 13 | -59.0 | 16.6 | 9 | 75 | 335 | 20 | 200 | 11201 | 0 | -57.6 | 20.8 | 0 | 71 | 298 | 15 | 200 | 11311 | 0 | -56.7 | 19.0 | 0 | 68 | 315 | 17 |
| 300 | 8951 | 13 | -49.6 | 11.8 | 9 | 67 | 340 | 21 | 300 | 8636 | 0 | -54.5 | 10.2 | 0 | 57 | 295 | 13 | 300 | 8735 | 0 | -53.2 | 10.4 | 0 | 58 | 316 | 15 |
| 500 | 5437 | 13 | -26.0 | 10.4 | 9 | 67 | 328 | 14 | 500 | 5220 | 0 | -32.7 | 7.5 | 0 | 51 | 286 | 8 | 500 | 5287 | 0 | -30.5 | 11.0 | 0 | 51 | 315 | 9 |
| 700 | 2922 | 13 | -10.6 | 11.4 | 9 | 74 | 317 | 11 | 700 | 2769 | 0 | -16.5 | 9.9 | 0 | 41 | 268 | 5 | 700 | 2816 | 0 | -14.8 | 9.4 | 0 | 47 | 312 | 6 |
| 850 | 1407 | 13 | -3.7 | 7.1 | 9 | 56 | 306 | 7 | 850 | 1286 | 0 | -8.9 | 3.9 | 0 | 45 | 249 | 5 | 850 | 1324 | 0 | -7.2 | 5.4 | 0 | 34 | 290 | 4 |
| 1001 | * 155 | | 3.7 | 4.0 | | | | | 980 | * 179 | | -7.8 | 2.1 | | | | | 988 | * 145 | | -2.8 | 1.7 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| EUROPE - FINLAND JOKIOINEN 02963 NOV 2001 6049N 02330E OB 3 | | | | | | | | EUROPE - UNITED KINGDOM STORNOWAY 03026 NOV 2001 5813N 00619W OB 3 | | | | | | | | EUROPE - UNITED KINGDOM CAMBORNE 03808 NOV 2001 5013N 00519W OB 3 | | | | | | | | | | | | |
| 030 | 23182 | 22 | -66.8 | 28.9 | 9 | 93 | 278 | 23 | 030 | 23291 | 8 | -67.6 | | | 8 | 90 | 284 | 18 | 030 | 23511 | 0 | -65.4 | | | 0 | 88 | 298 | 13 |
| 050 | 20002 | 1 | -66.3 | 28.0 | 2 | 89 | 297 | 18 | 050 | 20236 | 8 | -65.0 | | | 8 | 90 | 285 | 17 | 050 | 20400 | 0 | -64.8 | | | 0 | 84 | 303 | 10 |
| 100 | 15736 | 0 | -59.9 | 29.4 | 0 | 81 | 303 | 16 | 100 | 15955 | 8 | -60.8 | | | 8 | 88 | 285 | 20 | 100 | 16156 | 0 | -63.1 | | | 0 | 74 | 318 | 11 |
| 150 | 13183 | 0 | -56.8 | 28.3 | 0 | 78 | 306 | 18 | 150 | 13425 | 8 | -59.0 | | | 8 | 87 | 281 | 24 | 150 | 13654 | 0 | -61.5 | | | 0 | 68 | 334 | 13 |
| 200 | 11355 | 0 | -56.0 | 23.6 | 0 | 68 | 316 | 18 | 200 | 11617 | 8 | -58.0 | | | 8 | 83 | 281 | 26 | 200 | 11873 | 0 | -61.0 | | | 0 | 61 | 339 | 16 |
| 300 | 8768 | 0 | -52.4 | 13.2 | 0 | 52 | 318 | 15 | 300 | 9023 | 8 | -48.7 | | | 8 | 79 | 281 | 29 | 300 | 9281 | 0 | -46.0 | | | 0 | 62 | 340 | 15 |
| 500 | 5306 | 0 | -29.6 | 11.8 | 0 | 51 | 314 | 10 | 500 | 5483 | 8 | -23.8 | 9.0 | | 8 | 83 | 275 | 23 | 500 | 5684 | 0 | -19.0 | 15.6 | | 0 | 63 | 337 | 11 |
| 700 | 2829 | 0 | -14.0 | 11.6 | 0 | 54 | 311 | 8 | 700 | 2949 | 8 | -8.4 | 11.2 | | 8 | 85 | 267 | 16 | 700 | 3102 | 0 | -3.7 | 13.3 | | 0 | 60 | 328 | 8 |
| 850 | 1332 | 0 | -6.3 | 6.7 | 0 | 42 | 309 | 6 | 850 | 1421 | 8 | -9 | 3.6 | | 8 | 82 | 261 | 14 | 850 | 1549 | 0 | 2.3 | 8.1 | | 0 | 62 | 319 | 7 |
| 993 | * 103 | | -3 | 1.8 | | | | | 1011 | * 13 | | 7.9 | 2.7 | | | | | | 1016 | * 88 | | 10.1 | 3.2 | | | | | |
| EUROPE - IRELAND VALENTIA OBSERVATORY 03953 NOV 2001 5156N 01015W OB 3 | | | | | | | | EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 NOV 2001 6358N 02236W OB 3 | | | | | | | | EUROPE - GREENLAND AASIAAT (EGEDSMINDE) 04220 NOV 2001 6842N 05251W OB 3 | | | | | | | | | | | | |
| 030 | 23525 | 0 | -65.8 | 28.5 | 0 | 88 | 294 | 14 | 030 | | | | | | | | | | 030 | 23008 | 0 | -66.6 | 24.0 | 0 | 95 | 275 | 23 | |
| 050 | 20414 | 0 | -64.7 | 28.3 | 0 | 85 | 299 | 11 | 050 | 20121 | 1 | -65.3 | | | 1 | 91 | 274 | 24 | 050 | 19884 | 0 | -62.5 | 26.1 | 0 | 94 | 265 | 20 | |
| 100 | 16171 | 0 | -63.6 | 26.1 | 0 | 78 | 303 | 13 | 100 | 15837 | 0 | -59.1 | | | 0 | 90 | 269 | 25 | 100 | 15540 | 0 | -55.8 | 29.2 | 0 | 94 | 253 | 17 | |
| 150 | 13673 | 0 | -62.1 | 19.5 | 0 | 70 | 308 | 15 | 150 | 13273 | 0 | -55.5 | | | 0 | 90 | 267 | 29 | 150 | 12942 | 0 | -53.1 | 29.6 | 0 | 93 | 242 | 17 | |
| 200 | 11896 | 0 | -61.3 | 12.5 | 0 | 70 | 309 | 18 | 200 | 11437 | 0 | -54.7 | | | 0 | 87 | 262 | 33 | 200 | 11083 | 0 | -51.9 | 28.4 | 0 | 87 | 238 | 16 | |
| 300 | 9302 | 0 | -45.5 | 10.3 | 0 | 71 | 304 | 18 | 300 | 8815 | 0 | -48.8 | 4 | | 0 | 87 | 261 | 34 | 300 | 8468 | 0 | -53.8 | 14.1 | 0 | 76 | 233 | 16 | |
| 500 | 5696 | 0 | -18.4 | 13.0 | 0 | 69 | 300 | 13 | 500 | 5319 | 0 | -27.5 | 10.4 | | 0 | 82 | 256 | 24 | 500 | 5095 | 0 | -37.9 | 8.4 | 0 | 75 | 227 | 10 | |
| 700 | 3107 | 0 | -3.2 | 14.6 | 0 | 73 | 297 | 11 | 700 | 2823 | 0 | -13.2 | 10.3 | | 0 | 80 | 258 | 15 | 700 | 2707 | 0 | -23.6 | 6.0 | 0 | 74 | 223 | 6 | |
| 850 | 1550 | 0 | 3.0 | 6.4 | 0 | 67 | 295 | 8 | 850 | 1323 | 0 | -5.7 | 4.1 | | 0 | 71 | 248 | 11 | 850 | 1262 | 0 | -14.2 | 4.4 | 0 | 39 | 225 | 3 | |
| 1023 | * 30 | | 10.4 | 1.9 | | | | | 999 | * 54 | | 2.2 | 3.5 | | | | | | 996 | * 41 | | -5.9 | 3.6 | | | | | |
| EUROPE - GREENLAND NARSARSUAQ 04270 NOV 2001 6109N 04526W OB 3 | | | | | | | | EUROPE - GREENLAND DANMARKSHAVN 04320 NOV 2001 7646N 01840W OB 3 | | | | | | | | EUROPE - GREENLAND ILLOQQOORTOORMIUT (SCORESBYSU) 04339 NOV 2001 7029N 02157W OB 3 | | | | | | | | | | | | |
| 030 | 23287 | 0 | -65.6 | 21.3 | 1 | 89 | 268 | 21 | 030 | 22658 | 0 | -73.0 | 33.0 | 0 | 80 | 281 | 20 | 030 | 22910 | 0 | -70.6 | 22.9 | 1 | 90 | 280 | 27 | | |
| 050 | 20159 | 0 | -62.3 | 22.4 | 1 | 90 | 256 | 20 | 050 | 19632 | 0 | -68.4 | 24.2 | 0 | 76 | 276 | 18 | 050 | 19854 | 0 | -66.1 | 24.7 | 1 | 90 | 274 | 27 | | |
| 100 | 15819 | 0 | -56.1 | 24.5 | 1 | 92 | 244 | 22 | 100 | 15401 | 0 | -60.4 | 26.3 | 0 | 76 | 265 | 15 | 100 | 15585 | 0 | -58.8 | 27.6 | 0 | 89 | 265 | 24 | | |
| 150 | 13226 | 0 | -53.8 | 24.7 | 1 | 87 | 243 | 28 | 150 | 12854 | 0 | -57.0 | 25.0 | 0 | 70 | 259 | 14 | 150 | 13019 | 0 | -55.3 | 27.8 | 0 | 87 | 263 | 23 | | |
| 200 | 11373 | 0 | -52.6 | 22.1 | 1 | 88 | 238 | 30 | 200 | 11028 | 0 | -55.9 | 20.4 | 0 | 67 | 262 | 14 | 200 | 11189 | 0 | -54.4 | 24.0 | 0 | 86 | 261 | 24 | | |
| 300 | 8742 | 0 | -48.8 | 14.2 | 1 | 81 | 234 | 34 | 300 | 8466 | 0 | -57.0 | 8.9 | 0 | 56 | 258 | 12 | 300 | 8586 | 0 | -52.6 | 12.4 | 0 | 68 | 259 | 21 | | |
| 500 | 5256 | 0 | -30.6 | 8.5 | 0 | 77 | 243 | 22 | 500 | 5090 | 0 | -36.3 | 7.1 | 0 | 39 | 281 | 6 | 500 | 5161 | 0 | -33.1 | 7.8 | 0 | 59 | 263 | 11 | | |
| 700 | 2798 | 0 | -17.0 | 7.2 | 0 | 63 | 243 | 10 | 700 | 2691 | 0 | -24.0 | 8.1 | 0 | 25 | 15 | 3 | 700 | 2725 | 0 | -19.5 | 5.7 | 0 | 27 | 267 | 4 | | |
| 850 | 1317 | 0 | -8.5 | 6.1 | 0 | 43 | 227 | 4 | 850 | 1262 | 0 | -20.0 | 5.9 | 0 | 43 | 32 | 6 | 850 | 1266 | 0 | -14.3 | 5.0 | 2 | 43 | 325 | 4 | | |
| 1005 | * 4 | | -3.4 | 4.1 | | | | | 1005 | * 12 | | -18.3 | 4.8 | | | | | | 994 | * 69 | | -10.3 | 2.4 | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - GREENLAND TASIILAQ (AMASSALIK) 04360 NOV 2001 6536N 03738W OB 3 | | | | | | | | | EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 NOV 2001 6201N 00646W OB 3 | | | | | | | | | EUROPE - NETHERLANDS DE BILT 06260 NOV 2001 5206N 00511E OB 1 | | | | | | | | |
| 030 | 23103 | 0 | -68.4 | 22.1 | 4 | 93 | 268 | 24 | 030 | 23208 | 0 | -69.8 | 25.8 | 1 | 99 | 290 | 25 | 030 | 23412 | 11 | -66.2 | 25.4 | 9 | 90 | 293 | 15 |
| 050 | 20013 | 0 | -64.0 | 23.4 | 3 | 89 | 262 | 23 | 050 | 20133 | 0 | -65.9 | 27.3 | 1 | 95 | 290 | 21 | 050 | 20305 | 1 | -64.6 | 26.4 | 1 | 89 | 300 | 13 |
| 100 | 15707 | 0 | -57.4 | 25.6 | 3 | 87 | 253 | 22 | 100 | 15871 | 0 | -60.6 | 28.0 | 1 | 93 | 288 | 23 | 100 | 16026 | 30 | -61.8 | 25.3 | 9 | 87 | 304 | 14 |
| 150 | 13122 | 0 | -54.4 | 25.7 | 2 | 89 | 250 | 24 | 150 | 13339 | 0 | -58.0 | 26.0 | 1 | 86 | 288 | 26 | 150 | 13507 | 30 | -59.7 | 21.8 | 9 | 80 | 309 | 16 |
| 200 | 11273 | 0 | -53.2 | 23.0 | 2 | 87 | 245 | 26 | 200 | 11530 | 0 | -57.1 | 19.9 | 0 | 82 | 284 | 30 | 200 | 11715 | 30 | -60.5 | 13.2 | 9 | 71 | 312 | 18 |
| 300 | 8657 | 0 | -50.7 | 12.7 | 1 | 81 | 240 | 26 | 300 | 8923 | 0 | -48.6 | 11.9 | 0 | 77 | 281 | 30 | 300 | 9133 | 30 | -48.5 | 10.2 | 9 | 71 | 313 | 17 |
| 500 | 5201 | 0 | -31.9 | 7.9 | 1 | 71 | 234 | 14 | 500 | 5400 | 0 | -25.7 | 11.7 | 0 | 80 | 274 | 24 | 500 | 5582 | 13 | -21.9 | 12.9 | 9 | 69 | 312 | 12 |
| 700 | 2753 | 0 | -17.8 | 8.3 | 1 | 46 | 207 | 6 | 700 | 2885 | 0 | -10.7 | 13.8 | 0 | 81 | 268 | 17 | 700 | 3030 | 2 | -6.3 | 14.0 | 2 | 70 | 310 | 9 |
| 850 | 1275 | 0 | -9.6 | 8.2 | 0 | 24 | 87 | 2 | 850 | 1372 | 0 | -3.9 | 5.1 | 0 | 71 | 266 | 12 | 850 | 1492 | 2 | .0 | 4.9 | 2 | 68 | 305 | 7 |
| 994 | * 52 | | -4.1 | 4.7 | | | | | 1002 | * 55 | | 5.1 | 3.7 | | | | | 1021 | * 15 | | 7.5 | 2.1 | | | | |
| EUROPE - BELGIUM UCCLE 06447 NOV 2001 5048N 00421E OB 3 | | | | | | | | | EUROPE - SWITZERLAND PAYERNE 06610 NOV 2001 4649N 00657E OB 3 | | | | | | | | | EUROPE - FRANCE BREST 07110 NOV 2001 4827N 00425W OB 3 | | | | | | | | |
| 030 | 23336 | 9 | -67.0 | 24.0 | | | | | 030 | 23507 | 0 | -64.0 | | 2 | 91 | 282 | 13 | 030 | | | | | | | | |
| 050 | 20301 | 5 | -63.5 | 25.4 | | | | | 050 | 20378 | 0 | -64.1 | | 0 | 89 | 295 | 11 | 050 | 20435 | 6 | -64.7 | | 6 | 86 | 312 | 9 |
| 100 | 16037 | 4 | -61.7 | 23.8 | 4 | 81 | 311 | 12 | 100 | 16112 | 0 | -61.9 | | 0 | 80 | 305 | 10 | 100 | 16173 | 4 | -62.8 | | 4 | 73 | 327 | 10 |
| 150 | 13517 | 4 | -59.6 | 19.7 | 4 | 71 | 323 | 13 | 150 | 13589 | 0 | -58.9 | | 0 | 55 | 314 | 9 | 150 | 13663 | 4 | -60.9 | | 5 | 74 | 345 | 13 |
| 200 | 11722 | 4 | -60.2 | 12.3 | 4 | 59 | 330 | 15 | 200 | 11781 | 0 | -58.2 | 11.8 | 0 | 46 | 339 | 10 | 200 | 11874 | 4 | -59.8 | | 5 | 69 | 357 | 16 |
| 300 | 9141 | 4 | -48.0 | 9.5 | 4 | 57 | 335 | 14 | 300 | 9185 | 0 | -47.6 | 12.3 | 0 | 33 | 356 | 8 | 300 | 9280 | 4 | -46.0 | | 4 | 65 | 9 | 16 |
| 500 | 5585 | 4 | -21.9 | 11.7 | 4 | 58 | 335 | 10 | 500 | 5617 | 0 | -21.2 | 15.1 | 0 | 46 | 330 | 6 | 500 | 5688 | 3 | -19.3 | 14.7 | 3 | 61 | 4 | 10 |
| 700 | 3030 | 4 | -6.8 | 11.8 | 4 | 64 | 323 | 8 | 700 | 3053 | 0 | -5.3 | 12.1 | 0 | 33 | 343 | 3 | 700 | 3104 | 3 | -3.7 | 15.6 | 3 | 58 | 358 | 8 |
| 850 | 1492 | 4 | .0 | 5.4 | | | | | 850 | 1508 | 0 | .7 | 6.1 | 0 | 15 | 357 | 1 | 850 | 1554 | 4 | 2.0 | 8.4 | 4 | 58 | 360 | 6 |
| 1009 | * 104 | | 5.3 | 1.1 | | | | | 964 | * 491 | | 3.3 | 2.9 | | | | | 1015 | * 103 | | 7.6 | 1.6 | | | | |
| EUROPE - FRANCE NANCY/ESSEY 07180 NOV 2001 4841N 00613E OB 3 | | | | | | | | | EUROPE - FRANCE AJACCIO 07761 NOV 2001 4155N 00848E OB 3 | | | | | | | | | EUROPE - SPAIN LA CORUNA 08001 NOV 2001 4322N 00825W OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23612 | 27 | -62.7 | 28.9 | 9 | 68 | 302 | 6 |
| 050 | 20382 | 4 | -63.6 | | 4 | 92 | 303 | 11 | 050 | 20442 | 6 | -63.4 | | 7 | 83 | 279 | 10 | 050 | 20464 | 14 | -64.2 | 28.8 | 9 | 73 | 293 | 7 |
| 100 | 16108 | 1 | -61.5 | | 1 | 85 | 309 | 11 | 100 | 16164 | 0 | -61.5 | | 0 | 83 | 275 | 12 | 100 | 16214 | 8 | -62.8 | 28.0 | 9 | 65 | 334 | 8 |
| 150 | 13580 | 0 | -58.9 | | 0 | 61 | 326 | 11 | 150 | 13634 | 0 | -58.4 | | 0 | 74 | 275 | 13 | 150 | 13702 | 8 | -60.7 | 24.2 | 9 | 69 | 360 | 11 |
| 200 | 11780 | 0 | -59.3 | | 0 | 54 | 340 | 13 | 200 | 11820 | 0 | -57.8 | | 0 | 56 | 265 | 13 | 200 | 11909 | 7 | -59.4 | 16.1 | 7 | 70 | 14 | 15 |
| 300 | 9186 | 0 | -47.2 | | 0 | 48 | 355 | 12 | 300 | 9216 | 0 | -46.7 | | 0 | 40 | 266 | 9 | 300 | 9298 | 6 | -45.9 | 13.7 | 7 | 73 | 21 | 16 |
| 500 | 5615 | 0 | -21.2 | 14.0 | 0 | 60 | 350 | 9 | 500 | 5632 | 0 | -19.6 | 16.2 | 0 | 32 | 265 | 5 | 500 | 5702 | 5 | -18.9 | 18.2 | 5 | 76 | 21 | 12 |
| 700 | 3053 | 0 | -5.7 | 12.1 | 0 | 55 | 349 | 6 | 700 | 3046 | 0 | -3.0 | 13.0 | 0 | 38 | 288 | 4 | 700 | 3113 | 5 | -2.8 | 19.1 | 6 | 76 | 25 | 9 |
| 850 | 1512 | 0 | .3 | 8.1 | 0 | 35 | 351 | 4 | 850 | 1485 | 0 | 5.0 | 6.7 | 0 | 17 | 243 | 1 | 850 | 1554 | 5 | 3.9 | 10.3 | 6 | 75 | 41 | 8 |
| 998 | * 217 | | 3.4 | 2.3 | | | | | 1016 | * 9 | | 16.8 | 7.7 | | | | | 1018 | * 67 | | 12.3 | 4.6 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - SPAIN SANTANDER 08023 NOV 2001 4328N 00348W OB 3 | | | | | | | | | EUROPE - SPAIN MADRID/BARAJAS 08221 NOV 2001 4030N 00335W OB 3 | | | | | | | | | EUROPE - SPAIN PALMA DE MALLORCA 08301 NOV 2001 3933N 00237E OB 3 | | | | | | | | |
| 030 | 23602 | 5 | -63.1 | | 5 | 93 | 286 | 10 | 030 | 23643 | 3 | -62.2 | 29.2 | 4 | 90 | 277 | 10 | 030 | 23684 | 5 | -61.0 | | 5 | 98 | 275 | 16 |
| 050 | 20468 | 3 | -63.9 | | 2 | 84 | 294 | 7 | 050 | 20501 | 3 | -63.4 | 29.0 | 4 | 86 | 285 | 8 | 050 | 20512 | 0 | -61.0 | | 0 | 94 | 274 | 13 |
| 100 | 16203 | 1 | -61.9 | | 1 | 61 | 320 | 7 | 100 | 16220 | 3 | -60.8 | 29.7 | 4 | 59 | 298 | 6 | 100 | 16209 | 0 | -61.0 | | 0 | 85 | 276 | 12 |
| 150 | 13678 | 1 | -58.9 | | 1 | 57 | 352 | 9 | 150 | 13681 | 3 | -57.5 | 28.7 | 4 | 46 | 314 | 6 | 150 | 13671 | 0 | -57.3 | | 0 | 72 | 273 | 11 |
| 200 | 11870 | 1 | -57.6 | | 1 | 60 | 15 | 11 | 200 | 11855 | 3 | -55.2 | 23.2 | 4 | 38 | 332 | 7 | 200 | 11847 | 0 | -55.8 | | 0 | 57 | 270 | 11 |
| 300 | 9251 | 1 | -45.8 | 17.2 | 2 | 62 | 35 | 13 | 300 | 9223 | 3 | -45.5 | 17.7 | 4 | 27 | 324 | 6 | 300 | 9226 | 0 | -44.4 | 13.5 | 0 | 44 | 259 | 10 |
| 500 | 5670 | 1 | -20.4 | 18.9 | 1 | 57 | 27 | 9 | 500 | 5650 | 3 | -21.3 | 17.2 | 4 | 46 | 8 | 6 | 500 | 5646 | 0 | -19.5 | 13.9 | 0 | 44 | 276 | 6 |
| 700 | 3096 | 1 | -4.7 | 14.1 | 1 | 59 | 25 | 6 | 700 | 3082 | 3 | -4.3 | 14.6 | 4 | 57 | 31 | 5 | 700 | 3064 | 0 | -3.2 | 10.4 | 0 | 30 | 278 | 3 |
| 850 | 1549 | 1 | 1.7 | 6.3 | 1 | 49 | 3 | 4 | 850 | 1531 | 3 | 3.5 | 9.2 | 4 | 65 | 43 | 5 | 850 | 1504 | 0 | 4.4 | 7.0 | 0 | 23 | 324 | 2 |
| 1020 | * 59 | | 11.8 | 3.3 | | | | | 949 | * 633 | | 9.1 | 5.2 | | | | | 1018 | * 6 | | 14.7 | 4.3 | | | | |
| EUROPE - SPAIN MURCIA 08430 NOV 2001 3800N 00110W OB 3 | | | | | | | | | EUROPE - GIBRALTAR GIBRALTAR 08495 NOV 2001 3609N 00520W OB 3 | | | | | | | | | EUROPE - PORTUGAL LAJES/SANTA RITA (ACORES) 08508 NOV 2001 3844N 02704W OB 3 | | | | | | | | |
| 030 | 23188 | 15 | -61.0 | 31.3 | 9 | 95 | 272 | 13 | 030 | 23691 | 0 | -56.9 | 32.9 | 0 | 96 | 272 | 14 | 030 | 23694 | 1 | -61.9 | | | | | |
| 050 | 20518 | 4 | -63.2 | 27.9 | 9 | 92 | 274 | 10 | 050 | 20531 | 0 | -59.1 | 30.8 | 0 | 93 | 275 | 10 | 050 | 20553 | 1 | -65.8 | | | | | |
| 100 | 16245 | 3 | -61.4 | 27.5 | 6 | 88 | 273 | 10 | 100 | 16264 | 0 | -63.3 | 28.6 | 0 | 86 | 277 | 11 | 100 | 16334 | 1 | -65.2 | | | | | |
| 150 | 13710 | 3 | -57.8 | 27.4 | 6 | 83 | 274 | 12 | 150 | 13735 | 0 | -59.2 | 22.0 | 0 | 80 | 281 | 12 | 150 | 13859 | 1 | -64.4 | | | | | |
| 200 | 11887 | 3 | -56.1 | 23.1 | 7 | 56 | 280 | 10 | 200 | 11917 | 0 | -56.2 | 22.7 | 0 | 61 | 281 | 12 | 200 | 12091 | 1 | -61.0 | | | | | |
| 300 | 9265 | 3 | -45.6 | 15.9 | 7 | 46 | 279 | 10 | 300 | 9291 | 0 | -45.7 | 19.8 | 0 | 41 | 291 | 9 | 300 | 9467 | 1 | -41.8 | | | | | |
| 500 | 5672 | 3 | -19.5 | 13.8 | 7 | 48 | 283 | 6 | 500 | 5687 | 0 | -18.6 | 14.2 | 0 | 41 | 290 | 6 | 500 | 5803 | 1 | -14.7 | 22.8 | | | | |
| 700 | 3088 | 3 | -3.0 | 12.7 | 6 | 50 | 290 | 4 | 700 | 3092 | 0 | -1.5 | 14.9 | 0 | 45 | 279 | 4 | 700 | 3161 | 1 | 3.0 | 29.8 | | | | |
| 850 | 1525 | 2 | 4.8 | 7.9 | 3 | 41 | 357 | 3 | 850 | 1521 | 0 | 6.7 | 9.6 | 0 | 24 | 121 | 2 | 850 | 1577 | 1 | 7.3 | 7.4 | | | | |
| 1014 | * 62 | | 12.9 | 6.7 | | | | | 1020 | * 4 | | 16.0 | 5.6 | | | | | 1013 | * 113 | | 17.8 | 6.9 | | | | |
| EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 NOV 2001 3846N 00908W OB 3 | | | | | | | | | EUROPE - GERMANY SCHLESWIG 10035 NOV 2001 5432N 00933E OB 3 | | | | | | | | | EUROPE - GERMANY GREIFSWALD 10184 NOV 2001 5406N 01324E OB 3 | | | | | | | | |
| 030 | 23680 | 0 | -61.5 | 30.3 | 9 | 92 | 276 | 5 | 030 | 23354 | 0 | -67.0 | | 1 | 91 | 296 | 17 | 030 | 23322 | 0 | -67.3 | | 1 | 92 | 291 | 19 |
| 050 | 20530 | 0 | -63.3 | 29.9 | 0 | 86 | 289 | 4 | 050 | 20247 | 0 | -64.6 | | 1 | 90 | 303 | 15 | 050 | 20220 | 0 | -64.6 | | 1 | 90 | 297 | 16 |
| 100 | 16268 | 0 | -62.2 | 30.1 | 0 | 72 | 312 | 5 | 100 | 15988 | 0 | -61.8 | 28.8 | 0 | 86 | 308 | 15 | 100 | 15954 | 0 | -61.2 | 26.9 | 1 | 86 | 304 | 16 |
| 150 | 13745 | 0 | -58.9 | 28.6 | 0 | 83 | 328 | 5 | 150 | 13463 | 0 | -59.3 | 24.2 | 0 | 81 | 312 | 18 | 150 | 13425 | 0 | -58.8 | 23.0 | 1 | 80 | 310 | 17 |
| 200 | 11937 | 0 | -57.4 | 21.2 | 0 | 59 | 350 | 6 | 200 | 11661 | 0 | -59.0 | 18.6 | 0 | 77 | 319 | 21 | 200 | 11617 | 0 | -58.4 | 18.0 | 0 | 76 | 317 | 20 |
| 300 | 9319 | 0 | -44.8 | 16.5 | 0 | 5 | 354 | 7 | 300 | 9068 | 0 | -48.5 | 12.8 | 0 | 71 | 319 | 21 | 300 | 9026 | 0 | -49.2 | 11.5 | 0 | 75 | 317 | 23 |
| 500 | 5708 | 0 | -18.0 | 22.7 | 0 | 63 | 6 | 5 | 500 | 5526 | 0 | -23.6 | 13.0 | 0 | 77 | 314 | 16 | 500 | 5496 | 0 | -24.4 | 12.1 | 0 | 77 | 318 | 17 |
| 700 | 3111 | 0 | -1.4 | 21.9 | 0 | 66 | 15 | 4 | 700 | 2987 | 0 | -8.2 | 14.5 | 0 | 81 | 307 | 12 | 700 | 2963 | 0 | -9.1 | 13.1 | 0 | 80 | 309 | 12 |
| 850 | 1540 | 0 | 6.8 | 14.4 | 0 | 70 | 38 | 3 | 850 | 1459 | 0 | -1.4 | 6.8 | 0 | 77 | 303 | 10 | 850 | 1440 | 0 | -2.3 | 5.9 | 0 | 80 | 301 | 10 |
| 1010 | * 105 | | 13.0 | 6.3 | | | | | 1012 | * 48 | | 5.6 | 1.6 | | | | | 1016 | * 6 | | 4.9 | 2.0 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - GERMANY LINDENBERG 10393 NOV 2001 5213N 01407E OB 3 | | | | | | | | EUROPE - GERMANY ESSEN 10410 NOV 2001 5124N 00658E OB 3 | | | | | | | | EUROPE - GERMANY MEININGEN 10548 NOV 2001 5034N 01023E OB 3 | | | | | | | | | | |
| 030 | 23362 | 0 | -66.6 | | 0 | 91 | 292 | 17 | 030 | 23389 | 0 | -66.4 | 20.1 | 0 | 91 | 291 | 16 | 030 | 23426 | 0 | -65.7 | | 0 | 91 | 293 | 16 |
| 050 | 20252 | 0 | -64.6 | | 0 | 90 | 296 | 15 | 050 | 20283 | 0 | -64.7 | 20.3 | 0 | 87 | 301 | 13 | 050 | 20307 | 0 | -64.3 | | 0 | 90 | 299 | 13 |
| 100 | 15981 | 0 | -61.5 | 27.3 | 0 | 85 | 305 | 15 | 100 | 16029 | 0 | -62.3 | 19.7 | 0 | 77 | 309 | 12 | 100 | 16039 | 0 | -61.7 | 25.8 | 0 | 84 | 307 | 13 |
| 150 | 13454 | 0 | -59.1 | 22.4 | 0 | 78 | 312 | 16 | 150 | 13512 | 0 | -60.1 | 17.3 | 0 | 74 | 318 | 14 | 150 | 13516 | 0 | -59.6 | 21.2 | 0 | 73 | 316 | 14 |
| 200 | 11647 | 0 | -58.3 | 15.8 | 0 | 72 | 319 | 18 | 200 | 11717 | 0 | -59.9 | 13.0 | 0 | 65 | 326 | 16 | 200 | 11713 | 0 | -59.1 | 15.9 | 0 | 66 | 324 | 15 |
| 300 | 9059 | 0 | -49.3 | 9.1 | 0 | 65 | 321 | 20 | 300 | 9132 | 0 | -48.3 | 9.8 | 0 | 60 | 334 | 16 | 300 | 9126 | 0 | -48.4 | 11.4 | 0 | 57 | 327 | 15 |
| 500 | 5517 | 0 | -23.7 | 12.0 | 0 | 72 | 318 | 15 | 500 | 5575 | 0 | -22.4 | 10.4 | 0 | 62 | 325 | 11 | 500 | 5574 | 0 | -22.6 | 11.3 | 0 | 64 | 323 | 11 |
| 700 | 2982 | 0 | -9.0 | 9.8 | 0 | 81 | 312 | 11 | 700 | 3024 | 0 | -7.2 | 10.5 | 0 | 70 | 318 | 9 | 700 | 3023 | 0 | -7.3 | 10.3 | 0 | 71 | 311 | 9 |
| 850 | 1458 | 0 | -2.5 | 5.8 | 0 | 82 | 305 | 9 | 850 | 1492 | 0 | -1.1 | 4.5 | 0 | 66 | 309 | 7 | 850 | 1491 | 0 | -1.3 | 5.5 | 0 | 70 | 315 | 7 |
| 1005 | * 104 | | 3.9 | 2.1 | | | | | 1004 | * 153 | | 5.7 | 1.8 | | | | | 968 | * 453 | | 2.6 | 1.2 | | | | |
| EUROPE - GERMANY STUTTART/SCHNARRENBERG 10739 NOV 2001 4850N 00912E OB 3 | | | | | | | | EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 NOV 2001 4815N 01133E OB 3 | | | | | | | | EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 NOV 2001 5000N 01427E OB 3 | | | | | | | | | | |
| 030 | 23447 | 0 | -65.1 | 25.4 | 0 | 90 | 295 | 15 | 030 | 23454 | 0 | -64.8 | | 0 | 87 | 290 | 15 | 030 | 23414 | 0 | -65.6 | 24.7 | 0 | 91 | 289 | 16 |
| 050 | 20337 | 0 | -64.2 | 24.9 | 0 | 89 | 297 | 13 | 050 | 20329 | 0 | -64.2 | | 0 | 87 | 296 | 13 | 050 | 20290 | 0 | -63.9 | 25.4 | 0 | 90 | 296 | 15 |
| 100 | 16069 | 0 | -61.8 | 23.5 | 0 | 81 | 308 | 12 | 100 | 16061 | 0 | -61.6 | 23.8 | 0 | 79 | 305 | 12 | 100 | 16019 | 0 | -61.6 | 25.5 | 0 | 83 | 301 | 14 |
| 150 | 13544 | 0 | -59.1 | 20.5 | 0 | 67 | 321 | 13 | 150 | 13536 | 0 | -59.0 | 21.0 | 0 | 66 | 310 | 11 | 150 | 13489 | 0 | -58.7 | 24.4 | 0 | 77 | 307 | 15 |
| 200 | 11742 | 0 | -59.2 | 14.8 | 0 | 58 | 333 | 13 | 200 | 11728 | 0 | -58.7 | 15.2 | 0 | 59 | 325 | 12 | 200 | 11682 | 0 | -58.5 | 17.1 | 0 | 70 | 318 | 16 |
| 300 | 9147 | 0 | -47.8 | 11.3 | 0 | 45 | 336 | 11 | 300 | 9140 | 0 | -48.4 | 10.6 | 0 | 47 | 332 | 11 | 300 | 9096 | 0 | -48.8 | 9.9 | 0 | 59 | 317 | 16 |
| 500 | 5592 | 0 | -22.2 | 12.1 | 0 | 55 | 331 | 8 | 500 | 5583 | 0 | -22.4 | 11.4 | 0 | 56 | 328 | 8 | 500 | 5549 | 0 | -22.8 | 12.5 | 0 | 69 | 314 | 13 |
| 700 | 3038 | 0 | -6.7 | 11.6 | 0 | 55 | 331 | 6 | 700 | 3032 | 0 | -7.0 | 10.2 | 0 | 60 | 312 | 7 | 700 | 3006 | 0 | -8.1 | 11.2 | 0 | 78 | 313 | 10 |
| 850 | 1502 | 0 | -8 | 6.9 | 0 | 43 | 325 | 4 | 850 | 1497 | 0 | -9 | 6.0 | 0 | 54 | 299 | 5 | 850 | 1478 | 0 | -2.1 | 6.4 | 0 | 79 | 304 | 8 |
| 984 | * 315 | | 4.2 | 3.2 | | | | | 965 | * 489 | | 2.4 | 1.6 | | | | | 984 | * 303 | | 3.2 | 2.5 | | | | |
| EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 NOV 2001 4902N 02019E OB 3 | | | | | | | | EUROPE - POLAND LEBA 12120 NOV 2001 5445N 01732E OB 3 | | | | | | | | EUROPE - POLAND LEGIONOWO 12374 NOV 2001 5224N 02058E OB 3 | | | | | | | | | | |
| 030 | 23378 | 0 | -65.0 | 26.2 | 0 | 93 | 283 | 19 | 030 | 23253 | 3 | -67.9 | 24.2 | 3 | 92 | 291 | 20 | 030 | 23307 | 0 | -66.2 | 26.4 | 0 | 92 | 286 | 20 |
| 050 | 20256 | 0 | -64.1 | 26.1 | 0 | 91 | 288 | 15 | 050 | 20166 | 2 | -64.7 | 25.8 | 2 | 89 | 297 | 17 | 050 | 20198 | 0 | -64.2 | 27.2 | 0 | 91 | 294 | 16 |
| 100 | 15982 | 0 | -60.5 | 26.6 | 0 | 86 | 292 | 15 | 100 | 15901 | 1 | -61.3 | 26.9 | 2 | 86 | 304 | 16 | 100 | 15922 | 0 | -60.5 | 28.3 | 0 | 84 | 299 | 16 |
| 150 | 13450 | 0 | -58.1 | 25.5 | 0 | 77 | 296 | 15 | 150 | 13366 | 1 | -58.2 | 26.0 | 1 | 80 | 312 | 18 | 150 | 13381 | 0 | -57.6 | 27.5 | 0 | 77 | 304 | 17 |
| 200 | 11636 | 0 | -57.8 | 18.2 | 0 | 72 | 301 | 18 | 200 | 11551 | 1 | -57.5 | 18.8 | 1 | 75 | 318 | 20 | 200 | 11561 | 0 | -56.7 | 21.4 | 0 | 73 | 308 | 19 |
| 300 | 9050 | 0 | -49.2 | 10.1 | 0 | 60 | 302 | 16 | 300 | 8963 | 1 | -49.8 | 11.5 | 1 | 71 | 323 | 22 | 300 | 8966 | 0 | -49.7 | 12.7 | 0 | 65 | 305 | 21 |
| 500 | 5511 | 0 | -23.4 | 11.3 | 0 | 65 | 310 | 13 | 500 | 5446 | 1 | -25.2 | 15.7 | 1 | 78 | 324 | 18 | 500 | 5452 | 0 | -25.7 | 11.9 | 0 | 69 | 305 | 16 |
| 700 | 2974 | 0 | -9.3 | 8.6 | 0 | 68 | 323 | 9 | 700 | 2927 | 1 | -10.6 | 12.3 | 1 | 76 | 312 | 12 | 700 | 2938 | 0 | -11.1 | 12.4 | 0 | 72 | 307 | 11 |
| 850 | 1453 | 0 | -3.2 | 3.8 | 0 | 66 | 287 | 5 | 850 | 1414 | 1 | -3.4 | 6.1 | 2 | 72 | 300 | 9 | 850 | 1426 | 0 | -4.1 | 4.8 | 0 | 70 | 302 | 9 |
| 934 | * 706 | | .7 | 4.1 | | | | | 1013 | * 2 | | 4.5 | 3.0 | | | | | 1004 | * 96 | | 3.2 | 3.1 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - POLAND WROCLAW I 12425 NOV 2001 5108N 01659E OB 3 | | | | | | | | | EUROPE - HUNGARY BUDAPEST/LORINC 12843 NOV 2001 4726N 01911E OB 3 | | | | | | | | | EUROPE - HUNGARY SZEGED 12982 NOV 2001 4615N 02006E OB | | | | | | | | |
| 030 | 23348 | 4 | -65.8 | 26.1 | 4 | 92 | 290 | | 030 | 23430 | 5 | -64.2 | | 6 | 93 | 281 | 18 | 030 | 23459 | 5 | -63.8 | | 5 | 94 | 279 | 19 |
| 050 | 20230 | 2 | -64.2 | 26.4 | 2 | 92 | 295 | 16 | 050 | 20300 | 2 | -63.7 | | 2 | 92 | 283 | 15 | 050 | 20335 | 1 | -63.4 | | 2 | 94 | 282 | 16 |
| 100 | 15961 | 2 | -61.1 | 26.1 | 2 | 84 | 298 | 15 | 100 | 16027 | 1 | -61.2 | | 1 | 86 | 291 | 15 | 100 | 16054 | 1 | -61.1 | | 2 | 89 | 290 | 16 |
| 150 | 13432 | 2 | -58.7 | 24.0 | 2 | 82 | 300 | 16 | 150 | 13495 | 1 | -58.6 | | 1 | 78 | 294 | 15 | 150 | 13519 | 1 | -58.3 | | 2 | 84 | 291 | 17 |
| 200 | 11624 | 2 | -58.5 | 17.7 | 2 | 74 | 308 | 19 | 200 | 11685 | 1 | -58.4 | | 1 | 69 | 295 | 16 | 200 | 11704 | 0 | -58.4 | | 1 | 75 | 287 | 18 |
| 300 | 9043 | 2 | -49.7 | 10.2 | 2 | 63 | 312 | 19 | 300 | 9093 | 0 | -48.8 | 10.3 | 0 | 57 | 300 | 15 | 300 | 9116 | 0 | -48.4 | 9.6 | 0 | 58 | 291 | 15 |
| 500 | 5509 | 2 | -23.8 | 10.7 | 2 | 67 | 306 | 15 | 500 | 5544 | 0 | -22.9 | 10.6 | 0 | 62 | 307 | 12 | 500 | 5558 | 0 | -22.1 | 10.9 | 0 | 64 | 301 | 13 |
| 700 | 2974 | 1 | -9.7 | 11.1 | 1 | 78 | 307 | 11 | 700 | 2998 | 0 | -7.6 | 9.6 | 0 | 66 | 313 | 9 | 700 | 3005 | 0 | -6.7 | 12.6 | 0 | 64 | 303 | 8 |
| 850 | 1456 | 1 | -3.2 | 5.6 | 1 | 83 | 305 | 9 | 850 | 1468 | 0 | -1.3 | 6.6 | 0 | 69 | 320 | 7 | 850 | 1470 | 0 | -5 | 6.5 | 0 | 68 | 309 | 6 |
| 1004 | * 116 | | 2.6 | 1.7 | | | | | 1003 | * 139 | | 4.0 | 5.0 | | | | | 1009 | * 83 | | 1.5 | 1.9 | | | | |
| EUROPE - YUGOSLAVIA BEOGRAD/KOSUTNJAK 13275 NOV 2001 4446N 02025E OB 1 | | | | | | | | | EUROPE - ROMANIA BUCURESTI/IMH 15420 NOV 2001 4430N 02608E OB 1 | | | | | | | | | EUROPE - BULGARIA SOFIA (OBSERV.) 15614 NOV 2001 4239N 02323E OB 0 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23621 | 27 | -62.6 | 23.8 | 9 | 96 | 271 | 21 |
| 050 | | | | | | | | | 050 | 20357 | 5 | -63.2 | 25.8 | 5 | 95 | 279 | 15 | 050 | 20447 | 17 | -62.7 | 23.7 | 9 | 86 | 272 | 13 |
| 100 | 16073 | 0 | -60.5 | | 0 | 91 | 289 | 16 | 100 | 16072 | 0 | -60.6 | 25.4 | 0 | 93 | 279 | 17 | 100 | 16094 | 1 | -61.7 | 23.0 | 1 | 92 | 276 | 16 |
| 150 | 13536 | 0 | -58.3 | | 0 | 83 | 288 | 17 | 150 | 13533 | 0 | -58.2 | 24.1 | 0 | 88 | 280 | 20 | 150 | 13553 | 0 | -58.4 | 22.9 | 0 | 87 | 275 | 20 |
| 200 | 11728 | 0 | -58.5 | | 0 | 70 | 290 | 17 | 200 | 11722 | 0 | -58.3 | 16.6 | 0 | 81 | 282 | 21 | 200 | 11744 | 0 | -58.4 | 15.5 | 0 | 75 | 278 | 20 |
| 300 | 9138 | 0 | -48.1 | | 0 | 51 | 291 | 13 | 300 | 9128 | 0 | -47.9 | 11.6 | 0 | 65 | 282 | 18 | 300 | 9146 | 0 | -47.3 | 12.3 | 0 | 58 | 278 | 14 |
| 500 | 5572 | 0 | -21.3 | 12.4 | 0 | 57 | 293 | 11 | 500 | 5573 | 0 | -22.5 | 12.3 | 0 | 67 | 286 | 12 | 500 | 5578 | 0 | -21.1 | 12.9 | 1 | 73 | 276 | 11 |
| 700 | 3014 | 0 | -6.3 | 11.6 | 0 | 65 | 302 | 7 | 700 | 3024 | 0 | -7.3 | 9.8 | 0 | 76 | 282 | 9 | 700 | 3016 | 0 | -5.6 | 8.7 | 1 | 74 | 291 | 9 |
| 850 | 1476 | 0 | -3 | 7.4 | 0 | 62 | 296 | 6 | 850 | 1487 | 0 | .6 | 6.8 | 1 | 71 | 282 | 6 | 850 | 1474 | 0 | 1.9 | 6.5 | 1 | 71 | 284 | 5 |
| 995 | * 203 | | 4.2 | 3.4 | | | | | 1008 | * 91 | | 3.1 | 3.0 | | | | | 948 | * 595 | | 7.3 | 7.6 | | | | |
| EUROPE - ITALY MILANO/LINATE 16080 NOV 2001 4526N 00917E OB 3 | | | | | | | | | EUROPE - ITALY PRATICA DI MARE 16245 NOV 2001 4139N 01226E OB 3 | | | | | | | | | EUROPE - ITALY BRINDISI 16320 NOV 2001 4039N 01757E OB 3 | | | | | | | | |
| 030 | 23529 | 0 | -63.5 | 26.7 | 0 | 94 | 279 | 15 | 030 | 23565 | 1 | -61.9 | 26.2 | 3 | 93 | 275 | 14 | 030 | 23574 | 2 | -61.3 | 30.0 | 4 | 96 | 272 | 19 |
| 050 | 20396 | 0 | -63.6 | 26.2 | 0 | 89 | 288 | 12 | 050 | 20422 | 1 | -63.5 | 25.5 | 2 | 93 | 276 | 12 | 050 | 20414 | 1 | -63.2 | 29.1 | 2 | 94 | 274 | 15 |
| 100 | 16122 | 0 | -61.1 | 26.0 | 0 | 80 | 291 | 11 | 100 | 16149 | 0 | -61.3 | 25.1 | 1 | 87 | 275 | 14 | 100 | 16144 | 0 | -61.7 | 29.4 | 1 | 93 | 277 | 18 |
| 150 | 13591 | 0 | -58.5 | 23.4 | 0 | 58 | 298 | 9 | 150 | 13624 | 0 | -58.9 | 22.9 | 1 | 80 | 269 | 16 | 150 | 13618 | 0 | -58.6 | 28.6 | 1 | 86 | 276 | 21 |
| 200 | 11779 | 0 | -57.9 | 16.7 | 0 | 43 | 313 | 9 | 200 | 11816 | 0 | -58.1 | 17.2 | 0 | 61 | 265 | 15 | 200 | 11812 | 0 | -57.6 | 20.1 | 1 | 74 | 279 | 22 |
| 300 | 9181 | 0 | -47.8 | 12.0 | 0 | 23 | 322 | 5 | 300 | 9212 | 0 | -46.7 | 13.5 | 1 | 54 | 262 | 13 | 300 | 9203 | 0 | -46.5 | 14.9 | 1 | 61 | 285 | 17 |
| 500 | 5613 | 0 | -20.7 | 13.3 | 0 | 40 | 314 | 5 | 500 | 5626 | 0 | -19.9 | 15.8 | 0 | 45 | 269 | 7 | 500 | 5617 | 0 | -19.7 | 19.5 | 1 | 59 | 281 | 11 |
| 700 | 3043 | 0 | -4.4 | 9.8 | 0 | 32 | 340 | 3 | 700 | 3047 | 0 | -3.4 | 12.2 | 0 | 33 | 282 | 4 | 700 | 3040 | 0 | -3.7 | 12.8 | 1 | 54 | 288 | 7 |
| 850 | 1489 | 0 | 3.6 | 9.0 | 0 | 22 | 11 | 1 | 850 | 1487 | 0 | 5.2 | 8.8 | 0 | 34 | 266 | 3 | 850 | 1480 | 0 | 5.5 | 10.1 | 0 | 37 | 288 | 4 |
| 1007 | * 103 | | 7.9 | 4.8 | | | | | 1012 | * 32 | | 14.0 | 7.7 | | | | | 1015 | * 10 | | 15.4 | 7.7 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - ITALY CAGLIARI/ELMAS 16560 NOV 2001 3915N 00904E OB / | | | | | | | | | EUROPE - TURKEY SAMSUN 17030 NOV 2001 4117N 03618E OB 3 | | | | | | | | | EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 NOV 2001 4058N 02905E OB 3 | | | | | | | | |
| 030 | 23656 | 18 | -60.8 | 30.7 | 9 | 94 | 311 | 9 | 030 | 23589 | 16 | -60.4 | 26.4 | 9 | 98 | 272 | 23 | 030 | 23578 | 18 | -62.3 | | 9 | 93 | 270 | 14 |
| 050 | 20509 | 18 | -63.6 | 29.9 | 9 | 93 | 293 | 9 | 050 | 20404 | 14 | -62.2 | 25.9 | 9 | 94 | 268 | 19 | 050 | 20427 | 18 | -63.1 | | 9 | 93 | 270 | 14 |
| 100 | 16246 | 18 | -62.0 | 30.3 | 9 | 92 | 277 | 18 | 100 | 16100 | 12 | -61.0 | 23.9 | 9 | 93 | 273 | 20 | 100 | 16150 | 14 | -61.0 | | 9 | 94 | 260 | 16 |
| 150 | 13724 | 18 | -58.0 | 30.6 | 9 | 77 | 268 | 17 | 150 | 13571 | 7 | -58.4 | 21.0 | 7 | 90 | 272 | 23 | 150 | 13631 | 12 | -58.3 | | 9 | 86 | 270 | 19 |
| 200 | 11906 | 18 | -56.2 | 24.7 | 9 | 58 | 263 | 16 | 200 | 11787 | 4 | -59.0 | 14.6 | 4 | 83 | 272 | 22 | 200 | 11793 | 8 | -57.6 | | 9 | 86 | 265 | 20 |
| 300 | 9277 | 18 | -45.4 | 15.3 | 9 | 68 | 269 | 15 | 300 | 9185 | 0 | -47.5 | 11.1 | 0 | 74 | 276 | 18 | 300 | 9195 | 3 | -46.6 | | 5 | 77 | 265 | 18 |
| 500 | 5673 | 18 | -18.1 | 18.5 | 9 | 58 | 269 | 8 | 500 | 5611 | 0 | -20.8 | 9.5 | 0 | 67 | 261 | 12 | 500 | 5606 | 0 | -20.4 | 10.5 | 0 | 76 | 265 | 13 |
| 700 | 3087 | 18 | -2.2 | 13.5 | 9 | 59 | 274 | 5 | 700 | 3045 | 0 | -4.9 | 7.5 | 0 | 77 | 252 | 10 | 700 | 3033 | 0 | -5.0 | 6.6 | 0 | 67 | 265 | 9 |
| 850 | 1511 | 18 | 6.3 | 5.6 | 9 | 55 | 284 | 5 | 850 | 1491 | 0 | 4.2 | 8.0 | 0 | 72 | 252 | 7 | 850 | 1483 | 0 | 3.1 | 4.8 | 0 | 56 | 270 | 5 |
| 1018 | * 5 | | 16.8 | 3.3 | | | | | 1017 | * 4 | | 11.7 | 7.9 | | | | | 1013 | * 33 | | 10.6 | 3.7 | | | | |
| EUROPE - TURKEY ANKARA/CENTRAL 17130 NOV 2001 3957N 03253E OB 3 | | | | | | | | | EUROPE - TURKEY IZMIR/GUZELYALT 17220 NOV 2001 3826N 02710E OB 3 | | | | | | | | | EUROPE - TURKEY ISPARTA 17240 NOV 2001 3745N 03033E OB 3 | | | | | | | | |
| 030 | 23573 | 9 | -59.4 | | 9 | 98 | 269 | 19 | 030 | 23629 | 12 | -59.8 | | 9 | 99 | 270 | 22 | 030 | 23699 | 26 | -56.7 | | 9 | 94 | 254 | 16 |
| 050 | 20401 | 8 | -62.2 | | 8 | 98 | 272 | 16 | 050 | 20455 | 10 | -62.4 | | 9 | 99 | 274 | 21 | 050 | 20506 | 20 | -62.8 | | 9 | 0 | 264 | 18 |
| 100 | 16128 | 6 | -61.2 | | 6 | 95 | 269 | 18 | 100 | 16163 | 7 | -61.7 | | 8 | 95 | 268 | 22 | 100 | 16238 | 13 | -62.4 | | 9 | 91 | 265 | 22 |
| 150 | 13601 | 5 | -58.6 | | 5 | 91 | 268 | 20 | 150 | 13655 | 3 | -58.8 | | 5 | 96 | 270 | 24 | 150 | 13711 | 9 | -60.9 | | 9 | 92 | 269 | 12 |
| 200 | 11801 | 4 | -58.9 | | 5 | 90 | 274 | 21 | 200 | 11843 | 1 | -57.0 | | 1 | 93 | 275 | 26 | 200 | 11892 | 3 | -58.3 | | 6 | 82 | 272 | 24 |
| 300 | 9210 | 1 | -47.2 | | 1 | 77 | 267 | 16 | 300 | 9231 | 0 | -45.8 | | 0 | 77 | 270 | 21 | 300 | 9271 | 1 | -45.8 | | 3 | 77 | 261 | 21 |
| 500 | 5623 | 0 | -19.7 | 9.8 | 0 | 73 | 264 | 12 | 500 | 5634 | 0 | -19.4 | 13.7 | 0 | 75 | 259 | 12 | 500 | 5660 | 0 | -18.2 | 15.7 | 1 | 72 | 255 | 13 |
| 700 | 3046 | 0 | -5.1 | 6.2 | 0 | 68 | 258 | 7 | 700 | 3048 | 0 | -2.7 | 10.3 | 0 | 55 | 251 | 6 | 700 | 3065 | 0 | -2.4 | 9.9 | 1 | 50 | 258 | 6 |
| 850 | 1495 | 0 | 3.2 | 5.0 | 0 | 70 | 242 | 4 | 850 | 1486 | 0 | 5.2 | 9.0 | 0 | 33 | 231 | 3 | 850 | 1503 | 0 | 5.1 | 6.3 | 1 | 31 | 204 | 2 |
| 915 | * 891 | | 5.1 | 4.2 | | | | | 1013 | * 29 | | 12.4 | 4.0 | | | | | 904 | * 997 | | 5.1 | 3.3 | | | | |
| EUROPE - TURKEY DIYARBAKIR 17280 NOV 2001 3753N 04012E OB 3 | | | | | | | | | EUROPE - CYPRUS ATHALASSA 17607 NOV 2001 3509N 03324E OB 2 | | | | | | | | | EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK 22113 NOV 2001 6859N 03307E OB 3 | | | | | | | | |
| 030 | 23627 | 9 | -59.1 | | 9 | 99 | 255 | 21 | 030 | | | | | | | | | 030 | 22698 | 1 | -73.8 | 21.1 | 2 | 91 | 291 | 20 |
| 050 | 20468 | 5 | -62.6 | | 5 | 99 | 255 | 21 | 050 | 20492 | 7 | -62.4 | | 2 | 97 | 268 | 17 | 050 | 19691 | 0 | -69.7 | 22.4 | 0 | 90 | 294 | 18 |
| 100 | 16180 | 1 | -62.0 | | 1 | 96 | 260 | 24 | 100 | 16256 | 1 | -63.3 | | 0 | 95 | 271 | 26 | 100 | 15490 | 0 | -62.5 | 23.6 | 0 | 85 | 293 | 15 |
| 150 | 13659 | 0 | -59.1 | | 0 | 96 | 260 | 26 | 150 | 13746 | 1 | -59.6 | | 0 | 93 | 272 | 32 | 150 | 12963 | 0 | -58.7 | 22.1 | 0 | 79 | 290 | 14 |
| 200 | 11851 | 0 | -58.2 | | 0 | 92 | 260 | 25 | 200 | 11947 | 0 | -57.6 | | 0 | 90 | 274 | 33 | 200 | 11157 | 0 | -58.6 | 17.1 | 0 | 72 | 290 | 13 |
| 300 | 9243 | 0 | -45.9 | | 0 | 83 | 260 | 20 | 300 | 9320 | 0 | -44.1 | | 0 | 85 | 273 | 26 | 300 | 8603 | 0 | -55.9 | 9.1 | 0 | 62 | 282 | 11 |
| 500 | 5644 | 0 | -19.1 | 18.4 | 0 | 80 | 257 | 12 | 500 | 5693 | 0 | -17.4 | 15.0 | 0 | 80 | 267 | 15 | 500 | 5201 | 0 | -33.7 | 8.6 | 0 | 52 | 274 | 8 |
| 700 | 3057 | 0 | -2.9 | 14.0 | 0 | 56 | 235 | 5 | 700 | 3085 | 0 | -3 | 13.0 | 0 | 66 | 264 | 8 | 700 | 2759 | 0 | -17.2 | 7.2 | 0 | 58 | 259 | 6 |
| 850 | 1495 | 0 | 6.2 | 12.5 | 0 | 20 | 50 | 1 | 850 | 1510 | 0 | 7.3 | 7.0 | 0 | 35 | 252 | 2 | 850 | 1295 | 0 | -8.7 | 4.8 | 0 | 56 | 252 | 7 |
| 942 | * 677 | | 5.1 | 7.0 | | | | | 998 | * 161 | | 20.4 | 11.0 | | | | | 986 | * 121 | | -5.9 | 2.2 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 NOV 2001 6437N 04030E OB 3 | | | | | | | | | EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 NOV 2001 5957N 03042E OB 3 | | | | | | | | | EUROPE - RUSSIAN FEDERATION (EUROPE) VOLOGDA 27037 NOV 2001 5919N 03955E OB 3 | | | | | | | | |
| 030 | 22920 | 11 | -69.8 | 8.4 | 9 | 93 | 279 | 25 | 030 | 23037 | 0 | -70.4 | 21.3 | 0 | 91 | 291 | 21 | 030 | 23052 | 13 | -68.5 | 8.7 | 9 | 92 | 278 | 25 |
| 050 | 19811 | 3 | -66.9 | 8.2 | 3 | 91 | 282 | 19 | 050 | 19980 | 0 | -66.4 | 21.9 | 0 | 88 | 291 | 18 | 050 | 19932 | 3 | -65.8 | 8.5 | 3 | 89 | 279 | 19 |
| 100 | 15587 | 0 | -60.7 | 7.8 | 0 | 83 | 285 | 13 | 100 | 15721 | 0 | -59.8 | 22.5 | 0 | 78 | 293 | 15 | 100 | 15678 | 2 | -60.0 | 8.0 | 2 | 80 | 283 | 15 |
| 150 | 13046 | 0 | -57.9 | 7.1 | 0 | 72 | 284 | 12 | 150 | 13170 | 0 | -56.7 | 21.2 | 0 | 69 | 297 | 14 | 150 | 13125 | 2 | -56.4 | 7.2 | 2 | 72 | 280 | 14 |
| 200 | 11236 | 0 | -57.8 | 6.1 | 0 | 58 | 283 | 10 | 200 | 11341 | 0 | -55.9 | 17.6 | 0 | 60 | 302 | 14 | 200 | 11302 | 1 | -56.0 | 6.1 | 1 | 65 | 270 | 14 |
| 300 | 8684 | 0 | -54.8 | 5.4 | 0 | 40 | 268 | 8 | 300 | 8754 | 0 | -52.6 | 10.8 | 0 | 47 | 310 | 12 | 300 | 8718 | 0 | -52.7 | 4.9 | 0 | 50 | 262 | 11 |
| 500 | 5251 | 0 | -31.7 | 6.2 | 0 | 40 | 259 | 5 | 500 | 5299 | 0 | -30.0 | 9.1 | 0 | 44 | 297 | 8 | 500 | 5275 | 0 | -30.3 | 4.5 | 0 | 50 | 264 | 7 |
| 700 | 2794 | 0 | -16.5 | 5.9 | 0 | 39 | 240 | 4 | 700 | 2823 | 0 | -14.4 | 6.3 | 0 | 40 | 285 | 5 | 700 | 2808 | 0 | -14.9 | 4.1 | 0 | 46 | 240 | 6 |
| 850 | 1311 | 0 | -8.5 | 5.2 | 0 | 33 | 235 | 3 | 850 | 1327 | 0 | -6.8 | 3.5 | 0 | 33 | 279 | 4 | 850 | 1319 | 0 | -6.9 | 3.3 | 0 | 47 | 226 | 6 |
| 1005 | * 4 | | -6.8 | 1.9 | | | | | 996 | * 78 | | -2.0 | 1.4 | | | | | 990 | * 126 | | -2.8 | 1.9 | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) KAZAN' 27595 NOV 2001 5536N 04917E OB 3 | | | | | | | | | EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 NOV 2001 5545N 03757E OB 0 | | | | | | | | | EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 NOV 2001 4715N 03949E OB 3 | | | | | | | | |
| 030 | 23109 | 20 | -69.1 | 8.4 | 9 | 92 | 271 | 23 | 030 | 23144 | 8 | -66.9 | 10.0 | 8 | 93 | 273 | 24 | 030 | 23579 | 24 | -59.9 | 11.2 | 9 | 97 | 267 | 17 |
| 050 | 20031 | 16 | -66.1 | 7.9 | 9 | 93 | 265 | 20 | 050 | 20055 | 5 | -63.8 | 10.2 | 5 | 92 | 276 | 19 | 050 | 20397 | 19 | -58.9 | 10.7 | 9 | 94 | 270 | 15 |
| 100 | 15761 | 11 | -61.0 | 6.8 | 9 | 94 | 266 | 20 | 100 | 15782 | 1 | -59.1 | 9.2 | 1 | 85 | 275 | 17 | 100 | 16037 | 12 | -58.5 | 8.9 | 9 | 92 | 263 | 18 |
| 150 | 13236 | 8 | -58.5 | 6.1 | 8 | 88 | 260 | 20 | 150 | 13224 | 0 | -56.7 | 8.1 | 0 | 77 | 272 | 17 | 150 | 13459 | 7 | -55.9 | 7.9 | 7 | 91 | 264 | 20 |
| 200 | 11428 | 4 | -58.9 | 4.9 | 4 | 82 | 262 | 20 | 200 | 11399 | 0 | -56.1 | 6.9 | 0 | 70 | 270 | 18 | 200 | 11643 | 6 | -55.3 | 6.6 | 6 | 84 | 268 | 19 |
| 300 | 8860 | 0 | -51.8 | 5.0 | 0 | 77 | 257 | 21 | 300 | 8811 | 0 | -51.3 | 6.2 | 0 | 64 | 266 | 20 | 300 | 9038 | 5 | -49.5 | 6.8 | 5 | 75 | 266 | 20 |
| 500 | 5379 | 0 | -28.3 | 6.4 | 0 | 80 | 249 | 16 | 500 | 5333 | 0 | -28.2 | 7.4 | 0 | 60 | 265 | 12 | 500 | 5485 | 1 | -25.5 | 7.4 | 1 | 76 | 252 | 17 |
| 700 | 2891 | 0 | -14.0 | 5.2 | 0 | 76 | 242 | 11 | 700 | 2846 | 0 | -13.1 | 5.4 | 0 | 59 | 260 | 8 | 700 | 2962 | 0 | -8.4 | 7.1 | 0 | 83 | 248 | 15 |
| 850 | 1394 | 0 | -6.7 | 3.5 | 0 | 62 | 230 | 7 | 850 | 1349 | 0 | -5.8 | 2.5 | 0 | 51 | 251 | 7 | 850 | 1440 | 0 | -1.1 | 5.7 | 0 | 81 | 245 | 11 |
| 999 | * 116 | | -2.1 | 1.7 | | | | | 984 | * 200 | | -.5 | 2.8 | | | | | 1006 | * 78 | | 5.2 | 3.3 | | | | |
| EUROPE - LEBANON BEYROUTH (AEROPORT) 27595 NOV 2001 5536N 04917E OB 3 | | | | | | | | | EUROPE - ISRAEL BET DAGAN 27612 NOV 2001 5545N 03757E OB 0 | | | | | | | | | EUROPE - JORDAN MAFRAQ 34731 NOV 2001 4715N 03949E OB 3 | | | | | | | | |
| 030 | 23765 | 7 | -57.5 | 31.6 | 9 | 98 | 262 | 19 | 030 | | | | | | | | | 030 | | | | | | | | |
| 050 | 20544 | 0 | -62.5 | 29.7 | 1 | 94 | 265 | 16 | 050 | 20569 | 10 | -62.3 | | | | | | 050 | 20549 | 12 | -62.6 | | 9 | 97 | 273 | 16 |
| 100 | 16298 | 0 | -64.2 | 29.0 | 1 | 95 | 269 | 27 | 100 | 16339 | 2 | -65.8 | | 6 | 95 | 264 | 31 | 100 | 16327 | 6 | -65.6 | | 7 | 95 | 266 | 29 |
| 150 | 13802 | 0 | -60.7 | 26.4 | 1 | 93 | 272 | 34 | 150 | 13849 | 0 | -61.8 | | 1 | 94 | 267 | 39 | 150 | 13848 | 1 | -61.8 | | 3 | 94 | 274 | 40 |
| 200 | 12003 | 0 | -58.0 | 18.7 | 1 | 92 | 272 | 38 | 200 | 12056 | 0 | -58.1 | | 0 | 93 | 268 | 41 | 200 | 12053 | 1 | -58.4 | | 3 | 93 | 274 | 45 |
| 300 | 9369 | 0 | -42.6 | 16.4 | 1 | 88 | 269 | 29 | 300 | 9414 | 0 | -41.3 | 14.0 | 0 | 90 | 265 | 33 | 300 | 9406 | 0 | -41.7 | | 2 | 90 | 274 | 36 |
| 500 | 5720 | 0 | -15.6 | 20.6 | 1 | 81 | 265 | 16 | 500 | 5747 | 0 | -14.6 | 20.2 | 0 | 86 | 258 | 18 | 500 | 5742 | 0 | -15.8 | 19.3 | 1 | 85 | 266 | 21 |
| 700 | 3099 | 0 | .9 | 18.4 | 1 | 71 | 262 | 8 | 700 | 3115 | 0 | 2.2 | 20.7 | 0 | 73 | 258 | 8 | 700 | 3112 | 0 | 1.6 | 20.5 | 1 | 77 | 243 | 16 |
| 850 | 1517 | 0 | 9.3 | 9.2 | 2 | 45 | 219 | 3 | 850 | 1526 | 0 | 10.1 | 10.1 | 0 | 55 | 240 | 4 | 850 | 1524 | 0 | 10.0 | 12.0 | 1 | 55 | 249 | 9 |
| 1014 | * 19 | | 20.2 | 10.0 | | | | | 1014 | * 35 | | 19.0 | 7.5 | | | | | 940 | * 687 | | 10.0 | 4.2 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 NOV 2001 7330N 08024E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) HATANGA 20891 NOV 2001 7159N 10228E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 NOV 2001 6738N 05302E OB 3 | | | | | | | | |
| 030 | 22957 | 27 | -64.7 | | 9 | 91 | 263 | 14 | 030 | 22590 | 29 | -67.5 | 4.5 | 9 | 99 | 220 | 21 | 030 | 22767 | 10 | -72.3 | | 9 | 86 | 283 | 21 |
| 050 | 19876 | 19 | -64.8 | | 9 | 89 | 262 | 13 | 050 | 19551 | 21 | -71.9 | 5.4 | 9 | 55 | 273 | 10 | 050 | 19736 | 8 | -68.5 | | 9 | 90 | 282 | 17 |
| 100 | 15602 | 11 | -58.8 | | 9 | 59 | 294 | 9 | 100 | 15368 | 9 | -62.8 | 5.1 | 9 | 52 | 302 | 10 | 100 | 15521 | 4 | -61.8 | | 6 | 88 | 285 | 13 |
| 150 | 13013 | 9 | -55.6 | | 9 | 72 | 296 | 11 | 150 | 12836 | 6 | -59.6 | 4.5 | 6 | 64 | 297 | 10 | 150 | 12987 | 2 | -58.6 | | 2 | 82 | 279 | 12 |
| 200 | 11159 | 7 | -54.6 | | 7 | 76 | 293 | 13 | 200 | 11064 | 6 | -58.4 | 3.7 | 6 | 65 | 303 | 12 | 200 | 11171 | 1 | -58.7 | | 2 | 68 | 278 | 11 |
| 300 | 8550 | 4 | -52.2 | | 5 | 71 | 283 | 15 | 300 | 8488 | 6 | -58.2 | 2.9 | 6 | 69 | 307 | 15 | 300 | 8624 | 0 | -55.9 | | 1 | 60 | 276 | 11 |
| 500 | 5139 | 4 | -36.0 | 6.8 | 4 | 62 | 288 | 11 | 500 | 5139 | 5 | -38.4 | 3.7 | 5 | 69 | 297 | 11 | 500 | 5217 | 0 | -33.7 | 6.7 | 0 | 64 | 265 | 8 |
| 700 | 2731 | 5 | -21.5 | 4.7 | 5 | 57 | 275 | 7 | 700 | 2747 | 5 | -22.6 | 3.3 | 6 | 75 | 291 | 8 | 700 | 2780 | 0 | -18.1 | 6.3 | 0 | 69 | 260 | 6 |
| 850 | 1257 | 3 | -13.6 | 2.6 | 6 | 65 | 269 | 8 | 850 | 1300 | 5 | -15.8 | 2.1 | 5 | 81 | 289 | 8 | 850 | 1317 | 0 | -10.1 | 5.6 | 0 | 67 | 245 | 7 |
| 997 | * 47 | | -11.6 | 1.1 | | | | | 1005 | * 33 | | -15.2 | 2.4 | | | | | 1005 | * 12 | | -11.4 | 2.2 | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 NOV 2001 6632N 06640E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 NOV 2001 6547N 08756E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 NOV 2001 6140N 05051E OB 3 | | | | | | | | |
| 030 | 22790 | 21 | -68.5 | 7.9 | 9 | 92 | 256 | 28 | 030 | 22871 | 15 | -67.0 | 9.7 | 9 | 98 | 260 | 31 | 030 | 22891 | 5 | -71.7 | | 6 | 88 | 275 | 22 |
| 050 | 19703 | 9 | -67.8 | 7.3 | 9 | 83 | 267 | 20 | 050 | 19734 | 7 | -66.3 | 8.3 | 7 | 94 | 266 | 25 | 050 | 19847 | 4 | -68.3 | | 4 | 87 | 276 | 18 |
| 100 | 15467 | 1 | -62.0 | 6.8 | 1 | 83 | 268 | 17 | 100 | 15511 | 0 | -62.7 | 7.2 | 0 | 82 | 277 | 19 | 100 | 15618 | 4 | -61.3 | | 4 | 82 | 272 | 14 |
| 150 | 12938 | 1 | -58.8 | 6.0 | 1 | 82 | 268 | 16 | 150 | 12981 | 0 | -60.8 | 6.3 | 0 | 74 | 279 | 17 | 150 | 13084 | 4 | -58.1 | | 4 | 73 | 268 | 12 |
| 200 | 11138 | 1 | -59.0 | 5.2 | 1 | 74 | 268 | 15 | 200 | 11191 | 0 | -60.8 | 5.4 | 0 | 67 | 281 | 17 | 200 | 11269 | 4 | -57.5 | | 4 | 60 | 261 | 10 |
| 300 | 8597 | 1 | -56.5 | 4.4 | 1 | 65 | 264 | 14 | 300 | 8658 | 0 | -56.4 | 5.0 | 0 | 62 | 281 | 17 | 300 | 8704 | 4 | -54.7 | | 4 | 41 | 257 | 7 |
| 500 | 5238 | 0 | -33.3 | 5.9 | 0 | 73 | 262 | 10 | 500 | 5259 | 0 | -33.8 | 6.8 | 0 | 72 | 283 | 14 | 500 | 5296 | 4 | -32.4 | 6.7 | 4 | 51 | 254 | 6 |
| 700 | 2804 | 0 | -18.2 | 7.9 | 0 | 74 | 256 | 8 | 700 | 2829 | 0 | -19.7 | 7.4 | 0 | 72 | 277 | 10 | 700 | 2847 | 4 | -17.3 | 5.7 | 4 | 60 | 240 | 5 |
| 850 | 1336 | 0 | -10.9 | 5.7 | 0 | 70 | 261 | 7 | 850 | 1367 | 0 | -13.2 | 5.4 | 0 | 64 | 273 | 8 | 850 | 1367 | 4 | -9.1 | 5.1 | 4 | 48 | 226 | 4 |
| 1010 | * 16 | | -16.2 | 1.3 | | | | | 1012 | * 38 | | -15.2 | 2.9 | | | | | 998 | * 116 | | -8.0 | 2.1 | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 NOV 2001 6830N 11226E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 NOV 2001 6734N 13324E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 NOV 2001 6416N 10014E OB 3 | | | | | | | | |
| 030 | 22803 | 12 | -65.4 | 9.1 | 9 | 75 | 249 | 21 | 030 | 22912 | 10 | -63.2 | 7.2 | 9 | 87 | 227 | 24 | 030 | 22856 | 12 | -68.1 | 7.8 | 9 | 93 | 271 | 23 |
| 050 | 19606 | 0 | -66.3 | 7.7 | 1 | 69 | 262 | 14 | 050 | 19721 | 1 | -62.7 | 7.4 | 1 | 79 | 225 | 16 | 050 | 19734 | 3 | -67.3 | 7.5 | 5 | 85 | 277 | 20 |
| 100 | 15366 | 0 | -61.2 | 7.2 | 0 | 61 | 284 | 10 | 100 | 15406 | 0 | -58.6 | 6.8 | 0 | 56 | 221 | 8 | 100 | 15499 | 2 | -62.6 | 6.6 | 2 | 79 | 286 | 18 |
| 150 | 12832 | 0 | -58.7 | 6.5 | 0 | 61 | 294 | 10 | 150 | 12847 | 0 | -56.8 | 6.1 | 1 | 33 | 215 | 4 | 150 | 12981 | 2 | -59.9 | 5.6 | 2 | 78 | 292 | 18 |
| 200 | 11030 | 0 | -58.3 | 5.4 | 0 | 61 | 300 | 11 | 200 | 11030 | 0 | -57.0 | 5.2 | 0 | 21 | 226 | 3 | 200 | 11186 | 2 | -60.8 | 5.0 | 2 | 71 | 294 | 20 |
| 300 | 8489 | 0 | -57.5 | 4.5 | 0 | 54 | 305 | 11 | 300 | 8492 | 0 | -57.8 | 4.2 | 0 | 12 | 207 | 2 | 300 | 8653 | 2 | -56.3 | 4.3 | 3 | 65 | 295 | 20 |
| 500 | 5137 | 0 | -36.5 | 5.0 | 0 | 49 | 302 | 7 | 500 | 5133 | 0 | -37.0 | 5.5 | 0 | 9 | 282 | 1 | 500 | 5252 | 2 | -34.2 | 6.0 | 2 | 69 | 292 | 16 |
| 700 | 2736 | 0 | -21.3 | 5.0 | 0 | 49 | 303 | 5 | 700 | 2738 | 0 | -22.8 | 4.5 | 0 | 6 | 327 | 0 | 700 | 2820 | 2 | -19.5 | 6.1 | 2 | 65 | 297 | 12 |
| 850 | 1289 | 0 | -15.8 | 3.4 | 0 | 47 | 297 | 4 | 850 | 1302 | 0 | -18.5 | 3.8 | 0 | 21 | 222 | 1 | 850 | 1358 | 2 | -14.0 | 3.9 | 2 | 58 | 289 | 9 |
| 980 | * 220 | | -21.1 | 2.4 | | | | | 996 | * 138 | | -34.7 | 3.1 | | | | | 991 | * 168 | | -14.7 | 3.5 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 NOV 2001 6201N 12943E OB 0 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) ANADYR' 25563 NOV 2001 6444N 17732E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) SEJMCHAN 25703 NOV 2001 6255N 15225E OB 3 | | | | | | | | | |
| 030 | 22943 | 11 | -62.2 | 8.7 | 9 | 87 | 239 | 20 | 030 | | | | | | | | | | 030 | 23198 | 6 | -58.5 | 9.5 | 7 | 91 | 231 | 25 |
| 050 | 19786 | 5 | -60.6 | 8.1 | 5 | 86 | 250 | 17 | 050 | | | | | | | | | | 050 | 19973 | 5 | -56.9 | 9.0 | 5 | 91 | 228 | 21 |
| 100 | 15468 | 2 | -57.4 | 7.3 | 2 | 71 | 264 | 9 | 100 | 15640 | 29 | -59.1 | | | 9 | 99 | 205 | 8 | 100 | 15570 | 4 | -54.9 | 7.7 | 4 | 85 | 218 | 14 |
| 150 | 12891 | 1 | -55.4 | 6.4 | 1 | 65 | 290 | 8 | 150 | 13067 | 27 | -56.8 | | | 9 | 99 | 165 | 10 | 150 | 12978 | 3 | -54.5 | 6.5 | 3 | 77 | 210 | 11 |
| 200 | 11063 | 1 | -55.5 | 5.2 | 1 | 56 | 308 | 8 | 200 | 11248 | 25 | -55.3 | | | 9 | 97 | 137 | 20 | 200 | 11131 | 1 | -55.5 | 5.3 | 1 | 69 | 197 | 10 |
| 300 | 8503 | 0 | -57.2 | 3.6 | 0 | 41 | 324 | 8 | 300 | 8680 | 25 | -53.6 | | | 9 | 97 | 130 | 28 | 300 | 8551 | 0 | -55.4 | 3.8 | 0 | 69 | 174 | 14 |
| 500 | 5141 | 0 | -36.3 | 4.1 | 0 | 46 | 336 | 6 | 500 | 5238 | 25 | -32.3 | 9.4 | | 9 | 92 | 126 | 18 | 500 | 5163 | 0 | -35.9 | 5.3 | 0 | 67 | 153 | 9 |
| 700 | 2741 | 0 | -22.2 | 4.6 | 0 | 52 | 336 | 4 | 700 | 2778 | 25 | -15.7 | 8.4 | | 9 | 82 | 128 | 11 | 700 | 2746 | 0 | -20.2 | 6.1 | 0 | 53 | 141 | 4 |
| 850 | 1302 | 0 | -17.9 | 3.2 | 0 | 55 | 316 | 4 | 850 | 1287 | 25 | -9.9 | 4.2 | | 9 | 97 | 130 | 10 | 850 | 1297 | 0 | -18.2 | 3.3 | 1 | 27 | 31 | 2 |
| 999 | * 101 | | -23.8 | 2.6 | | | | | 1005 | * 6 | | -2.5 | 3.0 | | | | | | 984 | * 205 | | -26.7 | 3.4 | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) KORF 25954 NOV 2001 6021N 16600E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) VERHNEE DUBROVO 28445 NOV 2001 5644N 06104E OB 0 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) OMSK 28698 NOV 2001 5456N 07324E OB 3 | | | | | | | | | |
| 030 | 23495 | 26 | -53.0 | 13.5 | 9 | 99 | 242 | 14 | 030 | 23087 | 10 | -67.8 | 9.0 | 9 | 92 | 271 | 25 | 030 | 23172 | 7 | -66.2 | 7.5 | 8 | 95 | 274 | 23 | |
| 050 | 20210 | 20 | -55.4 | 10.2 | 9 | 95 | 244 | 13 | 050 | 20020 | 5 | -65.5 | 8.6 | 5 | 89 | 272 | 22 | 050 | 20079 | 5 | -65.4 | 7.2 | 6 | 92 | 275 | 20 | |
| 100 | 15730 | 10 | -52.4 | 9.7 | 9 | 80 | 227 | 12 | 100 | 15770 | 0 | -61.2 | 8.3 | 0 | 85 | 267 | 19 | 100 | 15848 | 4 | -61.3 | 6.8 | 4 | 86 | 272 | 19 | |
| 150 | 13113 | 5 | -52.9 | 7.8 | 6 | 64 | 227 | 10 | 150 | 13239 | 0 | -58.5 | 7.3 | 0 | 81 | 266 | 20 | 150 | 13299 | 3 | -59.0 | 6.2 | 3 | 82 | 266 | 20 | |
| 200 | 11264 | 3 | -55.7 | 6.0 | 4 | 37 | 216 | 7 | 200 | 11431 | 0 | -58.7 | 6.2 | 0 | 75 | 265 | 21 | 200 | 11493 | 2 | -59.0 | 5.4 | 2 | 73 | 267 | 21 | |
| 300 | 8678 | 2 | -53.0 | 4.8 | 3 | 22 | 135 | 5 | 300 | 8863 | 0 | -51.9 | 6.2 | 0 | 71 | 262 | 22 | 300 | 8939 | 0 | -52.2 | 5.5 | 0 | 67 | 267 | 21 | |
| 500 | 5230 | 1 | -31.0 | 5.7 | 1 | 44 | 134 | 7 | 500 | 5376 | 0 | -29.1 | 8.1 | 0 | 73 | 258 | 15 | 500 | 5449 | 0 | -28.1 | 7.1 | 0 | 72 | 261 | 16 | |
| 700 | 2769 | 1 | -16.3 | 6.6 | 2 | 52 | 127 | 7 | 700 | 2912 | 0 | -14.6 | 6.4 | 0 | 70 | 259 | 10 | 700 | 2956 | 0 | -12.9 | 6.9 | 0 | 70 | 261 | 12 | |
| 850 | 1287 | 1 | -9.5 | 3.6 | 2 | 38 | 109 | 4 | 850 | 1419 | 0 | -8.4 | 4.5 | 0 | 72 | 261 | 9 | 850 | 1457 | 0 | -7.0 | 4.5 | 0 | 60 | 261 | 8 | |
| 1001 | * 4 | | -5.1 | 3.4 | | | | | 983 | * 290 | | -6.0 | 3.1 | | | | | 1012 | * 90 | | -3.7 | 2.4 | | | | | |
| ASIA - KAZAKHSTAN KUSTANAI 28952 NOV 2001 5313N 06337E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) KOLPASEVO 29231 NOV 2001 5819N 08254E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) EMEL'JANOVO 29572 NOV 2001 5611N 09237E OB 0 | | | | | | | | | |
| 030 | | | | | | | | | 030 | 23068 | 5 | -67.0 | 7.9 | 9 | 93 | 270 | 21 | 030 | 23125 | 16 | -64.3 | 9.2 | 9 | 98 | 272 | 20 | |
| 050 | | | | | | | | | 050 | 19984 | 2 | -65.8 | 7.3 | 7 | 94 | 272 | 23 | 050 | 19970 | 12 | -65.3 | 8.2 | 9 | 91 | 277 | 19 | |
| 100 | 15757 | 18 | -62.9 | 6.3 | 9 | 81 | 270 | 17 | 100 | 15746 | 0 | -61.9 | 6.8 | 0 | 86 | 275 | 20 | 100 | 15736 | 1 | -62.8 | 6.6 | 3 | 89 | 288 | 18 | |
| 150 | 13244 | 17 | -60.1 | 5.3 | 9 | 72 | 266 | 17 | 150 | 13223 | 0 | -59.9 | 6.0 | 0 | 80 | 273 | 20 | 150 | 13227 | 1 | -60.8 | 5.7 | 1 | 87 | 289 | 19 | |
| 200 | 11445 | 16 | -60.3 | 4.9 | 9 | 58 | 264 | 16 | 200 | 11430 | 0 | -60.4 | 5.1 | 0 | 71 | 271 | 19 | 200 | 11446 | 1 | -61.4 | 5.0 | 1 | 81 | 287 | 19 | |
| 300 | 8902 | 16 | -53.4 | 4.8 | 9 | 51 | 266 | 17 | 300 | 8876 | 0 | -52.8 | 5.0 | 0 | 64 | 267 | 18 | 300 | 8908 | 0 | -54.7 | 4.8 | 0 | 72 | 281 | 19 | |
| 500 | 5440 | 16 | -29.6 | 7.7 | 9 | 56 | 264 | 13 | 500 | 5410 | 0 | -29.4 | 6.9 | 0 | 60 | 261 | 13 | 500 | 5457 | 0 | -29.5 | 6.5 | 0 | 76 | 277 | 14 | |
| 700 | 2970 | 16 | -15.3 | 6.8 | 9 | 48 | 279 | 7 | 700 | 2929 | 0 | -14.4 | 7.9 | 0 | 61 | 256 | 10 | 700 | 2974 | 0 | -13.4 | 6.9 | 0 | 79 | 273 | 12 | |
| 850 | 1484 | 16 | -8.8 | 4.3 | 9 | 26 | 276 | 3 | 850 | 1439 | 0 | -8.4 | 6.4 | 0 | 55 | 256 | 6 | 850 | 1476 | 0 | -6.6 | 5.9 | 0 | 81 | 262 | 11 | |
| 1006 | * 156 | | -8.3 | 2.4 | | | | | 1013 | * 75 | | -7.3 | 2.4 | | | | | 998 | * 206 | | -3.3 | 3.8 | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) KIRENSK 30230 NOV 2001 5746N 10804E OB 0 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) CHITA 30758 NOV 2001 5205N 11329E OB 0 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 NOV 2001 5837N 12522E OB 3 | | | | | | | | |
| 030 | 23156 | 11 | -61.5 | 8.8 | 9 | 98 | 263 | 21 | 030 | 23425 | 28 | -54.2 | | 9 | 98 | 258 | 22 | 030 | 23126 | 1 | -59.5 | 10.8 | 1 | 94 | 248 | 21 |
| 050 | 19970 | 4 | -62.3 | 7.8 | 5 | 96 | 278 | 19 | 050 | 20137 | 28 | -54.2 | | 9 | 99 | 267 | 23 | 050 | 19931 | 0 | -59.1 | 10.0 | 0 | 93 | 262 | 17 |
| 100 | 15640 | 0 | -60.1 | 6.5 | 0 | 92 | 292 | 18 | 100 | 15769 | 16 | -59.0 | | 9 | 96 | 291 | 19 | 100 | 15560 | 0 | -56.5 | 8.5 | 0 | 87 | 286 | 13 |
| 150 | 13111 | 0 | -59.0 | 5.8 | 0 | 88 | 299 | 20 | 150 | 13228 | 5 | -58.5 | | 5 | 92 | 302 | 20 | 150 | 12981 | 0 | -55.7 | 6.8 | 0 | 83 | 301 | 14 |
| 200 | 11311 | 0 | -60.8 | 4.9 | 0 | 86 | 302 | 22 | 200 | 11416 | 3 | -59.4 | | 3 | 90 | 307 | 20 | 200 | 11155 | 0 | -56.6 | 5.4 | 0 | 78 | 313 | 15 |
| 300 | 8777 | 0 | -55.8 | 4.7 | 0 | 77 | 307 | 23 | 300 | 8823 | 0 | -55.7 | | 0 | 82 | 314 | 21 | 300 | 8596 | 0 | -55.3 | 4.1 | 0 | 71 | 320 | 18 |
| 500 | 5359 | 0 | -31.8 | 6.0 | 0 | 81 | 308 | 18 | 500 | 5394 | 0 | -31.3 | 8.6 | 0 | 87 | 320 | 16 | 500 | 5199 | 0 | -34.6 | 5.0 | 0 | 71 | 321 | 14 |
| 700 | 2907 | 0 | -17.6 | 6.5 | 0 | 81 | 293 | 13 | 700 | 2935 | 0 | -16.3 | 8.3 | 0 | 92 | 319 | 11 | 700 | 2788 | 0 | -22.2 | 3.7 | 0 | 83 | 321 | 12 |
| 850 | 1434 | 0 | -11.7 | 4.4 | 0 | 85 | 278 | 10 | 850 | 1452 | 0 | -9.0 | 7.3 | 0 | 90 | 310 | 9 | 850 | 1352 | 0 | -18.0 | 2.8 | 0 | 87 | 300 | 9 |
| 989 | * 259 | | -8.0 | 2.1 | | | | | 940 | * 671 | | -9.1 | 4.4 | | | | | 930 | * 79 | | -15.6 | 3.3 | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) OHOTSK 31088 NOV 2001 5922N 14312E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 NOV 2001 4832N 13514E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 NOV 2001 4316N 13203E OB 3 | | | | | | | | |
| 030 | 23257 | 7 | -56.5 | 10.1 | 8 | 92 | 233 | 25 | 030 | | | | | | | | | 030 | 23675 | 4 | -52.9 | 11.4 | 4 | 97 | 250 | 20 |
| 050 | 20007 | 5 | -56.1 | 9.6 | 6 | 86 | 236 | 18 | 050 | | | | | | | | | 050 | 20400 | 4 | -55.0 | 10.5 | 4 | 98 | 255 | 27 |
| 100 | 15579 | 5 | -54.1 | 8.8 | 5 | 78 | 242 | 12 | 100 | 15838 | 18 | -55.7 | 8.4 | 9 | 95 | 272 | 20 | 100 | 15993 | 4 | -54.4 | 9.7 | 4 | 97 | 262 | 32 |
| 150 | 12968 | 4 | -52.8 | 7.7 | 4 | 67 | 242 | 9 | 150 | 13259 | 17 | -55.0 | 7.3 | 9 | 94 | 280 | 19 | 150 | 13385 | 3 | -52.2 | 9.2 | 3 | 98 | 262 | 34 |
| 200 | 11110 | 4 | -53.3 | 6.2 | 4 | 55 | 237 | 8 | 200 | 11406 | 16 | -55.9 | 6.3 | 9 | 87 | 283 | 19 | 200 | 11527 | 3 | -52.5 | 8.2 | 3 | 95 | 263 | 33 |
| 300 | 8510 | 2 | -54.7 | 4.6 | 2 | 33 | 206 | 6 | 300 | 8819 | 16 | -51.4 | 5.6 | 9 | 77 | 301 | 19 | 300 | 8909 | 3 | -49.3 | 7.8 | 3 | 85 | 266 | 27 |
| 500 | 5127 | 1 | -36.4 | 4.5 | 1 | 22 | 180 | 3 | 500 | 5343 | 16 | -28.9 | 7.1 | 9 | 84 | 300 | 17 | 500 | 5415 | 3 | -27.9 | 8.9 | 3 | 85 | 276 | 20 |
| 700 | 2740 | 1 | -22.0 | 4.9 | 1 | 20 | 154 | 2 | 700 | 2860 | 16 | -14.5 | 6.1 | 9 | 87 | 299 | 12 | 700 | 2929 | 3 | -13.3 | 10.1 | 3 | 89 | 286 | 13 |
| 850 | 1272 | 1 | -14.5 | 4.5 | 1 | 29 | 52 | 2 | 850 | 1370 | 16 | -7.9 | 6.0 | 9 | 91 | 283 | 10 | 850 | 1436 | 3 | -6.7 | 8.9 | 3 | 87 | 309 | 10 |
| 1003 | * 6 | | -12.3 | 4.4 | | | | | 1004 | * 72 | | -5.3 | 3.3 | | | | | 1008 | * 82 | | .7 | 9.3 | | | | |
| ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHNO-SAHALINSK 32150 NOV 2001 4657N 14243E OB 1 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAVLOVSK- KAMCATSKIJ 32540 NOV 2001 5305N 15835E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (IN ASIA) ORENBURG 35121 NOV 2001 5141N 05506E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | 23602 | 10 | -51.7 | 13.2 | 9 | 94 | 240 | 19 | 030 | 23251 | 5 | -67.3 | 8.9 | 5 | 96 | 267 | 27 |
| 050 | | | | | | | | | 050 | 20318 | 5 | -53.9 | 12.3 | 5 | 93 | 240 | 18 | 050 | 20177 | 3 | -65.0 | 9.0 | 3 | 95 | 265 | 22 |
| 100 | 15890 | 0 | -53.4 | 11.8 | 1 | 95 | 255 | 29 | 100 | 15817 | 2 | -50.6 | 11.0 | 2 | 90 | 246 | 21 | 100 | 15918 | 0 | -60.7 | 8.5 | 0 | 93 | 262 | 20 |
| 150 | 13275 | 0 | -51.9 | 10.9 | 0 | 95 | 255 | 32 | 150 | 13179 | 0 | -50.0 | 9.2 | 1 | 89 | 251 | 21 | 150 | 13379 | 0 | -58.7 | 7.6 | 0 | 90 | 260 | 21 |
| 200 | 11409 | 0 | -51.9 | 9.7 | 0 | 93 | 258 | 31 | 200 | 11301 | 0 | -51.1 | 7.8 | 0 | 83 | 251 | 22 | 200 | 11580 | 0 | -59.6 | 6.5 | 0 | 86 | 262 | 23 |
| 300 | 8776 | 0 | -49.5 | 8.7 | 0 | 86 | 260 | 31 | 300 | 8668 | 0 | -49.6 | 6.1 | 0 | 72 | 252 | 21 | 300 | 9007 | 0 | -49.3 | 6.9 | 0 | 83 | 264 | 23 |
| 500 | 5303 | 0 | -30.2 | 9.6 | 0 | 83 | 265 | 21 | 500 | 5209 | 0 | -31.8 | 6.7 | 0 | 59 | 252 | 11 | 500 | 5484 | 0 | -24.6 | 8.7 | 0 | 87 | 260 | 17 |
| 700 | 2836 | 0 | -16.2 | 8.2 | 0 | 84 | 267 | 14 | 700 | 2758 | 0 | -17.2 | 6.7 | 0 | 54 | 277 | 7 | 700 | 2968 | 0 | -10.5 | 7.1 | 0 | 80 | 248 | 11 |
| 850 | 1356 | 0 | -9.5 | 4.8 | 0 | 88 | 278 | 11 | 850 | 1279 | 0 | -9.4 | 4.8 | 0 | 53 | 300 | 6 | 850 | 1457 | 0 | -4.1 | 5.9 | 0 | 67 | 236 | 8 |
| 1008 | * 24 | | -2.1 | 3.1 | | | | | 990 | * 84 | | -3.4 | 5.6 | | | | | 1007 | * 117 | | .0 | 3.7 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASIA - KAZAKHSTAN KARAGANDA 35394 NOV 2001 4948N 07309E OB 3 | | | | | | | | | ASIA - KAZAKHSTAN ATYRAY 35700 NOV 2001 4707N 05155E OB 3 | | | | | | | | | ASIA - KAZAKHSTAN ALMATY 36870 NOV 2001 4314N 07656E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | |
| 050 | 20276 | 14 | -63.1 | 8.3 | 9 | 95 | 269 | 23 | 050 | | | | | | | | 050 | | | | | | | | | |
| 100 | 15964 | 5 | -61.3 | 7.4 | 6 | 91 | 266 | 21 | 100 | | | | | | | | 100 | | | | | | | | | |
| 150 | 13445 | 3 | -59.4 | 6.5 | 5 | 92 | 266 | 22 | 150 | | | | | | | | 150 | 13469 | 20 | -60.5 | 5.9 | 9 | 96 | 263 | 16 | |
| 200 | 11647 | 3 | -59.7 | 5.5 | 3 | 86 | 266 | 21 | 200 | | | | | | | | 200 | 11681 | 20 | -61.2 | 5.4 | 9 | 94 | 267 | 15 | |
| 300 | 9078 | 2 | -49.7 | 5.7 | 2 | 78 | 261 | 18 | 300 | 9065 | 15 | -48.6 | 5.4 | 9 | 88 | 246 | 19 | 300 | 9126 | 20 | -51.0 | 5.8 | 9 | 98 | 272 | 16 |
| 500 | 5551 | 0 | -24.2 | 8.8 | 0 | 81 | 260 | 13 | 500 | 5545 | 11 | -22.9 | 6.0 | 9 | 80 | 249 | 13 | 500 | 5605 | 20 | -24.1 | 8.5 | 9 | 96 | 267 | 10 |
| 700 | 3017 | 0 | -8.3 | 8.3 | 0 | 75 | 258 | 10 | 700 | 2998 | 11 | -7.4 | 6.6 | 9 | 64 | 235 | 8 | 700 | 3062 | | | | | | | |
| 850 | 1493 | 0 | -3.1 | 4.8 | 0 | 66 | 256 | 7 | 850 | 1465 | 11 | -4 | 7.2 | 9 | 66 | 210 | 7 | 850 | 1523 | 20 | -1.1 | 8.3 | 9 | 22 | 290 | 1 |
| 957 | * 553 | | -3.3 | 2.0 | | | | | 1022 | * -28 | | 2.5 | 2.7 | | | | 947 | * 851 | | -2.2 | 1.4 | | | | | |
| ASIA - SAUDI ARABIA TABUK 40375 NOV 2001 2822N 03636E OB 3 | | | | | | | | | ASIA - SAUDI ARABIA HAIL 40394 NOV 2001 2726N 04141E OB 3 | | | | | | | | | ASIA - SAUDI ARABIA KING FAHAD INT. AIRPORT 40417 NOV 2001 2627N 04949E OB 3 | | | | | | | | |
| 030 | 23785 | 1 | -57.1 | 31.7 | 1 | 84 | 258 | 11 | 030 | 23789 | 0 | -57.1 | 31.7 | 0 | 82 | 262 | 9 | 030 | 23801 | 0 | -57.0 | 31.8 | 0 | 64 | 270 | 4 |
| 050 | 20591 | 1 | -62.6 | 29.7 | 1 | 85 | 258 | 10 | 050 | 20596 | 0 | -63.3 | 28.3 | 0 | 77 | 256 | 9 | 050 | 20610 | 0 | -63.4 | 29.3 | 0 | 77 | 263 | 7 |
| 100 | 16415 | 0 | -69.4 | 25.2 | 0 | 93 | 271 | 25 | 100 | 16434 | 0 | -70.4 | 22.4 | 0 | 96 | 269 | 25 | 100 | 16452 | 0 | -71.2 | 24.9 | 0 | 98 | 262 | 23 |
| 150 | 13963 | 0 | -64.0 | 20.5 | 0 | 92 | 276 | 36 | 150 | 13990 | 0 | -63.7 | 20.2 | 0 | 96 | 272 | 34 | 150 | 14014 | 0 | -63.0 | 22.9 | 0 | 98 | 264 | 33 |
| 200 | 12181 | 0 | -57.5 | 17.6 | 0 | 90 | 274 | 37 | 200 | 12201 | 0 | -57.4 | 16.5 | 0 | 93 | 276 | 36 | 200 | 12223 | 0 | -56.8 | 18.3 | 0 | 96 | 269 | 32 |
| 300 | 9515 | 0 | -38.7 | 18.5 | 0 | 89 | 277 | 28 | 300 | 9532 | 0 | -38.6 | 18.0 | 0 | 93 | 274 | 27 | 300 | 9550 | 0 | -37.9 | 18.9 | 0 | 96 | 267 | 26 |
| 500 | 5803 | 0 | -11.1 | 27.5 | 2 | 87 | 263 | 15 | 500 | 5818 | 0 | -11.0 | 25.7 | 0 | 89 | 263 | 14 | 500 | 5827 | 0 | -11.0 | 28.2 | 0 | 90 | 267 | 12 |
| 700 | 3136 | 0 | 5.1 | 28.5 | 2 | 80 | 251 | 8 | 700 | 3151 | 0 | 5.0 | 17.9 | 0 | 87 | 245 | 9 | 700 | 3158 | 0 | 5.9 | 21.8 | 0 | 83 | 275 | 7 |
| 850 | 1526 | 0 | 14.5 | 15.7 | 1 | 34 | 234 | 3 | 850 | 1535 | 0 | 15.9 | 17.3 | 0 | 37 | 202 | 3 | 850 | 1539 | 0 | 16.4 | 18.7 | 0 | 68 | 294 | 5 |
| 929 | * 768 | | 18.4 | 14.3 | | | | | 905 | *1013 | | 18.3 | 16.1 | | | | 1014 | * 12 | | 22.7 | 16.3 | | | | | |
| ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 NOV 2001 2456N 04643E OB 3 | | | | | | | | | ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 NOV 2001 2142N 03911E OB 3 | | | | | | | | | ASIA - SAUDI ARABIA ABHA 41112 NOV 2001 1814N 04239E OB | | | | | | | | |
| 030 | 23825 | 0 | -56.7 | 31.8 | 0 | 50 | 275 | 3 | 030 | 23819 | 0 | -57.3 | 31.7 | 0 | 21 | 81 | 1 | 030 | 23807 | 9 | -57.7 | 31.5 | 9 | 87 | 98 | 7 |
| 050 | 20631 | 0 | -63.4 | 29.9 | 0 | 62 | 247 | 5 | 050 | 20628 | 0 | -63.3 | 30.0 | 0 | 29 | 232 | 2 | 050 | 20619 | 9 | -63.5 | 26.4 | 9 | 72 | 89 | 5 |
| 100 | 16493 | 0 | -71.5 | 26.6 | 0 | 97 | 268 | 21 | 100 | 16536 | 0 | -75.1 | 23.8 | 0 | 91 | 276 | 16 | 100 | 16562 | 4 | -77.5 | 18.4 | 4 | 78 | 266 | 10 |
| 150 | 14060 | 0 | -63.8 | 26.1 | 0 | 97 | 268 | 31 | 150 | 14132 | 0 | -65.6 | 20.8 | 0 | 93 | 279 | 24 | 150 | 14171 | 4 | -65.8 | 18.1 | 4 | 89 | 273 | 16 |
| 200 | 12267 | 0 | -56.1 | 22.0 | 0 | 96 | 277 | 31 | 200 | 12348 | 0 | -55.9 | 18.7 | 0 | 92 | 289 | 25 | 200 | 12382 | 4 | -54.9 | 17.3 | 4 | 88 | 279 | 17 |
| 300 | 9582 | 0 | -36.8 | 23.1 | 0 | 93 | 275 | 25 | 300 | 9649 | 0 | -35.0 | 22.5 | 0 | 85 | 281 | 19 | 300 | 9669 | 4 | -33.8 | 22.8 | 4 | 81 | 272 | 12 |
| 500 | 5841 | 0 | -9.6 | 34.3 | 0 | 92 | 265 | 12 | 500 | 5872 | 0 | -6.7 | 35.5 | 0 | 79 | 273 | 8 | 500 | 5878 | 4 | -5.9 | 29.6 | 4 | 56 | 261 | 4 |
| 700 | 3165 | 0 | 6.3 | 18.9 | 0 | 73 | 251 | 5 | 700 | 3165 | 0 | 8.4 | 24.4 | 0 | 60 | 193 | 5 | 700 | 3171 | 4 | 9.0 | 15.8 | 4 | 23 | 184 | 1 |
| 850 | 1542 | 0 | 16.8 | 20.3 | 0 | 41 | 212 | 2 | 850 | 1530 | 0 | 19.1 | 13.6 | 0 | 55 | 160 | 3 | 796 | *2093 | | 17.4 | 13.1 | | | | |
| 947 | * 612 | | 26.2 | 27.4 | | | | | 1011 | * 17 | | 28.4 | 9.2 | | | | | | | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 NOV 2001 2426N 05439E OB 3 | | | | | | | | | ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 NOV 2001 2335N 05817E OB 1 | | | | | | | | | ASIA - OMAN SALALAH 41316 NOV 2001 1702N 05405E OB 3 | | | | | | | | |
| 030 | 23821 | 23 | -57.1 | | 9 | 17 | 95 | 1 | 030 | 23819 | 14 | -57.5 | 31.0 | 9 | 92 | 278 | 9 | 030 | 23780 | 19 | -58.0 | 31.4 | 9 | 79 | 76 | 7 |
| 050 | 20641 | 2 | -64.0 | | 0 | 58 | 267 | 2 | 050 | 20633 | 3 | -63.7 | 25.0 | 5 | 87 | 279 | 10 | 050 | 20598 | 4 | -64.0 | 22.5 | 6 | 58 | 77 | 6 |
| 100 | 16511 | 0 | -73.5 | | 0 | 95 | 255 | 9 | 100 | 16536 | 0 | -77.7 | | 0 | 94 | 250 | 18 | 100 | 16549 | 4 | -79.1 | 20.2 | 4 | 46 | 227 | 5 |
| 150 | 14088 | 0 | -64.0 | | 0 | 96 | 255 | 15 | 150 | 14130 | 0 | -64.5 | 21.1 | 1 | 95 | 254 | 29 | 150 | 14176 | 4 | -66.7 | 19.2 | 5 | 90 | 244 | 18 |
| 200 | 12286 | 0 | -55.4 | 19.7 | 0 | 93 | 258 | 15 | 200 | 12331 | 0 | -55.5 | 25.0 | 1 | 94 | 250 | 29 | 200 | 12388 | 4 | -54.4 | 20.7 | 5 | 89 | 244 | 16 |
| 300 | 9597 | 0 | -36.5 | 20.0 | 0 | 92 | 263 | 11 | 300 | 9632 | 0 | -36.0 | | 0 | 90 | 360 | 20 | 300 | 9668 | 4 | -33.1 | 27.8 | 7 | 47 | 243 | 7 |
| 500 | 5851 | 0 | -9.0 | 29.5 | 0 | 83 | 263 | 5 | 500 | 5861 | 0 | -8.0 | 39.0 | 0 | 80 | 264 | 8 | 500 | 5869 | 4 | -5.8 | 39.3 | 4 | 47 | 334 | 5 |
| 700 | 3164 | 0 | 7.3 | 25.9 | 0 | 57 | 301 | 2 | 700 | 3176 | 0 | 8.7 | 29.4 | 0 | 26 | 315 | 2 | 700 | 3155 | 4 | 9.4 | 36.3 | 6 | 74 | 68 | 6 |
| 850 | 1541 | 0 | 17.3 | 20.4 | 0 | 55 | 328 | 2 | 850 | 1551 | 0 | 14.2 | 17.4 | 2 | 68 | 290 | 5 | 850 | 1531 | 4 | 16.1 | 14.3 | 4 | 70 | 31 | 6 |
| 1013 | * 27 | | 25.3 | 8.7 | | | | | 1010 | * 8 | | 21.9 | 14.3 | | | | | 1012 | * 20 | | 23.4 | 12.1 | | | | |
| ASIA - BANGLADESH DHAKA 41923 NOV 2001 2346N 09023E OB / | | | | | | | | | ASIA - INDIA SRINAGAR 42027 NOV 2001 3405N 07450E OB 3 | | | | | | | | | ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 NOV 2001 2835N 07712E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23747 | 9 | -54.3 | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | | 050 | 20527 | 4 | -61.0 | | | | | |
| 100 | 16569 | 1 | -77.2 | | 9 | 91 | 275 | 15 | 100 | | | | | | | | | 100 | 16383 | 0 | -73.4 | | 2 | 94 | 261 | 23 |
| 150 | 14182 | 0 | -65.8 | | 9 | 93 | 271 | 27 | 150 | 13923 | 6 | -58.9 | | | | | | 150 | 13974 | 0 | -65.2 | | 0 | 97 | 262 | 29 |
| 200 | 12382 | 0 | -52.8 | | 9 | 91 | 264 | 29 | 200 | 12064 | 2 | -55.3 | | 9 | 95 | 260 | 37 | 200 | 12182 | 0 | -55.2 | | 0 | 96 | 263 | 30 |
| 300 | 9642 | 0 | -31.7 | 27.0 | 9 | 89 | 273 | 24 | 300 | 9426 | 0 | -42.1 | 5.0 | 9 | 92 | 255 | 26 | 300 | 9499 | 0 | -38.6 | | 0 | 97 | 271 | 23 |
| 500 | 5844 | 0 | -6.7 | 34.4 | 9 | 87 | 282 | 11 | 500 | 5774 | 0 | -15.7 | 9.6 | 9 | 67 | 255 | 6 | 500 | 5792 | 0 | -11.3 | 21.0 | 0 | 92 | 282 | 11 |
| 700 | 3143 | 0 | 7.0 | 22.6 | 9 | 66 | 283 | 5 | 700 | 3140 | 0 | 2.2 | 10.5 | 7 | 34 | 105 | 1 | 700 | 3126 | 0 | 6.0 | 23.7 | 0 | 79 | 312 | 1 |
| 850 | 1525 | 0 | 15.2 | 10.0 | 9 | 62 | 334 | 3 | 846 | *1587 | | 7.8 | 6.0 | | | | | 850 | 1513 | 0 | 14.9 | 19.9 | 0 | 81 | 326 | 4 |
| 1013 | * 9 | | 21.5 | 1.2 | | | | | | | | | | | | | | 982 | * 216 | | 20.2 | 12.4 | | | | |
| ASIA - INDIA JODHPUR 42339 NOV 2001 2618N 07301E OB 3 | | | | | | | | | ASIA - INDIA LUCKNOW/AMAUSI 42369 NOV 2001 2645N 08053E OB 3 | | | | | | | | | ASIA - INDIA GAUHATI 42410 NOV 2001 2606N 09135E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | |
| 050 | | | | | | | | | 050 | 20533 | 5 | -58.9 | | | | | | 050 | | | | | | | | |
| 100 | 16531 | 9 | -73.5 | | 9 | 98 | 253 | 13 | 100 | 16381 | 3 | -75.3 | | 9 | 98 | 283 | 18 | 100 | | | | | | | | |
| 150 | 14101 | 6 | -63.9 | | 9 | 93 | 242 | 30 | 150 | 14003 | 1 | -67.9 | | 6 | 95 | 271 | 26 | 150 | 14103 | 9 | -65.1 | | | | | |
| 200 | 12287 | 2 | -53.9 | | 9 | 98 | 246 | 30 | 200 | 12180 | 0 | -56.5 | | 4 | 99 | 266 | 27 | 200 | 12304 | 7 | -53.8 | | | | | |
| 300 | 9579 | 1 | -36.2 | | 9 | 95 | 257 | 22 | 300 | 9497 | 0 | -37.9 | | 1 | 92 | 272 | 22 | 300 | 9586 | 1 | -34.0 | | 7 | 86 | 264 | 29 |
| 500 | 5834 | 0 | -9.5 | | 1 | 89 | 270 | 10 | 500 | 5797 | 0 | -10.3 | 26.6 | 0 | 89 | 283 | 11 | 500 | 5818 | 0 | -8.3 | | 0 | 87 | 262 | 16 |
| 700 | 3147 | 0 | 7.2 | 19.5 | 0 | 55 | 301 | 3 | 700 | 3121 | 0 | 6.6 | 19.9 | 0 | 77 | 295 | 5 | 700 | 3138 | 0 | 5.3 | 11.2 | 0 | 94 | 252 | 4 |
| 850 | 1526 | 0 | 17.6 | 18.9 | 0 | 44 | 360 | 2 | 850 | 1506 | 0 | 15.0 | 14.0 | 0 | 53 | 305 | 2 | 850 | 1520 | 0 | 15.7 | 6.4 | 0 | 28 | 237 | 1 |
| 988 | * 224 | | 24.0 | 20.2 | | | | | 998 | * 128 | | 20.4 | 5.2 | | | | | 1008 | * 54 | | 22.1 | 2.3 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| ASIA - INDIA PATNA 42492 NOV 2001 2536N 08506E OB 3 | | | | | | | | | ASIA - INDIA AHMADABAD 42647 NOV 2001 2304N 07238E OB 3 | | | | | | | | | ASIA - INDIA CALCUTTA/DUM DUM 42809 NOV 2001 2239N 08827E OB 3 | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23799 | 5 | -56.7 | | | 8 | 32 | 320 | 2 | | |
| 050 | 20569 | 8 | -64.0 | | | | | | 050 | 20712 | 9 | -62.2 | | | | | | 050 | 20601 | 1 | -60.9 | | | 4 | 44 | 259 | 4 | | |
| 100 | 16501 | 4 | -75.2 | | | | | | 100 | 16615 | 4 | -75.8 | | | 9 | 90 | 250 | 12 | 100 | 16497 | 0 | -77.9 | | | 2 | 77 | 271 | 9 | |
| 150 | 14104 | 1 | -65.3 | | | | | | 150 | 14216 | 3 | -65.2 | | | 5 | 97 | 247 | 23 | 150 | 14125 | 0 | -68.1 | | | 1 | 92 | 270 | 25 | |
| 200 | 12305 | 0 | -53.6 | | | | | | 200 | 12401 | 3 | -52.9 | | | 4 | 97 | 248 | 26 | 200 | 12349 | 0 | -54.9 | | | 0 | 99 | 268 | 28 | |
| 300 | 9578 | 0 | -33.9 | | | 9 | 87 | 276 | 24 | 300 | 9665 | 1 | -33.2 | | | 1 | 96 | 258 | 18 | 300 | 9624 | 0 | -34.1 | | | 0 | 89 | 273 | 24 |
| 500 | 5810 | 0 | -8.1 | | | 3 | 94 | 285 | 13 | 500 | 5869 | 1 | -6.4 | | | 1 | 72 | 279 | 6 | 500 | 5836 | 0 | -6.8 | | | 0 | 86 | 291 | 11 |
| 700 | 3124 | 0 | 6.3 | 18.6 | | 1 | 69 | 295 | 5 | 700 | 3156 | 1 | 9.2 | | | 1 | 38 | 50 | 2 | 700 | 3135 | 0 | 6.9 | 11.9 | | 0 | 66 | 294 | 4 |
| 850 | 1511 | 0 | 14.6 | 12.2 | 0 | 73 | 289 | 3 | 850 | 1539 | 1 | 18.4 | 18.1 | 1 | 50 | 43 | 2 | 850 | 1514 | 0 | 16.1 | 7.8 | 0 | 59 | 5 | 3 | | | |
| 1007 | * 60 | | 20.7 | 2.7 | | | | | 1006 | * 55 | | 25.5 | 15.7 | | | | | 1011 | * 6 | | 24.3 | 3.9 | | | | | | | |
| ASIA - INDIA NAGPUR SONEGAON 42867 NOV 2001 2106N 07903E OB 3 | | | | | | | | | ASIA - INDIA BHUBANESWAR 42971 NOV 2001 2015N 08550E OB 3 | | | | | | | | | ASIA - INDIA BOMBAY/SANTACRUZ 43003 NOV 2001 1907N 07251E OB 3 | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 23832 | 4 | -55.9 | | | 3 | 37 | 61 | 2 | 030 | | | | | | | | | | |
| 050 | 20591 | | | | | | | | 050 | 20628 | 0 | -62.1 | | | | | | | 050 | | | | | | | | | | |
| 100 | 16525 | 6 | -79.2 | | | 9 | 69 | 243 | 5 | 100 | 16532 | 0 | -77.6 | | | 1 | 49 | 262 | 4 | 100 | 16595 | 8 | -77.2 | | | 8 | 40 | 158 | 3 |
| 150 | 14176 | 3 | -67.7 | | | 6 | 89 | 241 | 18 | 150 | 14171 | 0 | -65.4 | | | 1 | 81 | 256 | 13 | 150 | | | | | | | | | |
| 200 | 12378 | 3 | -54.0 | | | 4 | 92 | 245 | 22 | 200 | 12392 | 0 | -53.8 | | | 1 | 81 | 247 | 14 | 200 | 12414 | 2 | -53.2 | | | 2 | 90 | 229 | 12 |
| 300 | 9656 | 1 | -32.1 | | | 2 | 93 | 259 | 17 | 300 | 9667 | 0 | -31.8 | | | 1 | 71 | 262 | 9 | 300 | 9673 | 1 | -31.0 | | | 1 | 91 | 248 | 10 |
| 500 | 5856 | 0 | -5.8 | | | 0 | 55 | 296 | 4 | 500 | 5841 | 0 | -5.7 | | | 0 | 55 | 285 | 4 | 500 | 5860 | 0 | -5.5 | | | 0 | 48 | 357 | 3 |
| 700 | 3146 | 0 | 8.3 | 16.4 | | 0 | 59 | 17 | 3 | 700 | 3141 | 0 | 7.3 | 9.7 | | 0 | 7 | 311 | 1 | 700 | 3146 | 0 | 9.8 | 20.0 | | 0 | 72 | 60 | 4 |
| 850 | 1521 | 0 | 17.1 | 12.3 | 0 | 71 | 50 | 3 | 850 | 1515 | 0 | 16.4 | 8.6 | 0 | 76 | 54 | 4 | 850 | 1511 | 0 | 19.1 | 13.8 | 0 | 88 | 73 | 4 | | | |
| 978 | * 310 | | 22.9 | 8.4 | | | | | 1007 | * 46 | | 24.2 | 3.7 | | | | | 1008 | * 14 | | 27.2 | 10.5 | | | | | | | |
| ASIA - INDIA HYDERABAD AIRPORT 43128 NOV 2001 1727N 07828E OB 3 | | | | | | | | | ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 NOV 2001 1742N 08318E OB 3 | | | | | | | | | ASIA - INDIA GOA/PANJIM 43192 NOV 2001 1529N 07349E OB 3 | | | | | | | | | | | |
| 030 | 23804 | 7 | -56.1 | | | 7 | 86 | 83 | 9 | 030 | | | | | | | | | 030 | | | | | | | | | | |
| 050 | 20605 | 1 | -62.1 | | | 1 | 90 | 88 | 7 | 050 | | | | | | | | | 050 | | | | | | | | | | |
| 100 | 16519 | 0 | -80.2 | | | 0 | 66 | 119 | 4 | 100 | | | | | | | | | 100 | 16379 | 5 | -80.5 | | | 9 | 57 | 137 | 4 | |
| 150 | 14184 | 0 | -69.0 | | | 0 | 69 | 207 | 7 | 150 | 14145 | 2 | -68.9 | | | 9 | 63 | 231 | 5 | 150 | 14061 | 4 | -72.4 | | | 8 | 78 | 177 | 8 |
| 200 | 12400 | 0 | -54.5 | | | 0 | 69 | 207 | 7 | 200 | 12380 | 0 | -54.1 | 5.6 | | 9 | 78 | 236 | 8 | 200 | 12315 | 2 | -58.2 | | | 5 | 83 | 194 | 9 |
| 300 | 9669 | 0 | -31.8 | | | 0 | 73 | 248 | 6 | 300 | 9649 | 0 | -31.5 | 7.1 | | 8 | 67 | 279 | 5 | 300 | 9613 | 2 | -34.4 | | | 4 | 44 | 198 | 3 |
| 500 | 5855 | 0 | -5.3 | | | 0 | 11 | 360 | 1 | 500 | 5832 | 0 | -5.4 | 11.7 | | 4 | 20 | 40 | 1 | 500 | 5826 | 2 | -7.3 | | | 2 | 26 | 53 | 1 |
| 700 | 3137 | 0 | 8.6 | 11.9 | | 0 | 62 | 49 | 3 | 700 | 3119 | 0 | 8.1 | 7.5 | | 2 | 59 | 43 | 3 | 700 | 3124 | 1 | 7.7 | 14.8 | | 1 | 63 | 94 | 4 |
| 850 | 1506 | 0 | 18.0 | 7.2 | 0 | 90 | 59 | 5 | 850 | 1489 | 0 | 17.1 | 6.9 | 0 | 92 | 58 | 7 | 850 | 1498 | 1 | 18.3 | 9.7 | 1 | 92 | 79 | 5 | | | |
| 950 | * 545 | | 24.0 | 7.6 | | | | | 1004 | * 66 | | 25.9 | 4.3 | | | | | 1002 | * 60 | | 27.7 | 5.2 | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| ASIA - INDIA MADRAS/MINAMBAKKAM 43279 NOV 2001 1300N 08011E OB 3 | | | | | | | | | ASIA - INDIA MANGALORE/PANAMBUR 43285 NOV 2001 1257N 07450E OB 3 | | | | | | | | | ASIA - INDIA PORT BLAIR 43333 NOV 2001 1140N 09243E OB 3 | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | | |
| 050 | | | | | | | | | 050 | 20639 | 7 | -63.5 | | | | | | 050 | 20625 | 1 | -60.8 | | | 1 | 97 | 92 | 11 |
| 100 | 16514 | 3 | -80.3 | | 3 | 93 | 101 | 10 | 100 | 16582 | 4 | -80.1 | | | | | | 100 | 16505 | 0 | -80.4 | | | 0 | 96 | 99 | 11 |
| 150 | 14172 | 1 | -68.4 | | 1 | 81 | 124 | 8 | 150 | 14229 | 2 | -68.2 | | | | | | 150 | 14178 | 0 | -69.8 | | | 0 | 91 | 121 | 11 |
| 200 | 12385 | 0 | -54.2 | | 0 | 83 | 126 | 8 | 200 | 12443 | 2 | -53.5 | | | | | | 200 | 12401 | 0 | -54.9 | | | 0 | 75 | 124 | 7 |
| 300 | 9671 | 0 | -31.9 | | 0 | 89 | 100 | 5 | 300 | 9700 | 2 | -30.6 | | | | | | 300 | 9672 | 0 | -31.3 | | | 0 | 63 | 106 | 4 |
| 500 | 5843 | 0 | -5.7 | 8.4 | 0 | 69 | 84 | 4 | 500 | 5871 | 2 | -4.5 | | | 9 | 69 | 60 | 3 | 500 | 5853 | 0 | -5.2 | 8.3 | 0 | 78 | 99 | 4 |
| 700 | 3129 | 0 | 8.4 | 6.1 | 0 | 70 | 45 | 4 | 700 | 3147 | 2 | 9.5 | 9.8 | 5 | 64 | 56 | 3 | 700 | 3135 | 0 | 9.3 | 7.0 | 0 | 58 | 129 | 3 | |
| 850 | 1497 | 0 | 17.1 | 4.6 | 0 | 80 | 35 | 7 | 850 | 1509 | 2 | 18.7 | 6.4 | 2 | 86 | 74 | 4 | 850 | 1499 | 0 | 17.3 | 5.0 | 0 | 84 | 103 | 6 | |
| 1008 | * 16 | | 26.0 | 3.1 | | | | | 1006 | * 31 | | 27.2 | 3.6 | | | | | 1001 | * 79 | | 26.2 | 3.3 | | | | | |
| ASIA - INDIA COCHIN/WILLINGDON 43353 NOV 2001 0957N 07616E OB 3 | | | | | | | | | ASIA - INDIA THIRUVANANTHAPURAM 43371 NOV 2001 0829N 07657E OB 3 | | | | | | | | | ASIA - HONG KONG, CHINA KING'S PARK 45004 NOV 2001 2219N 11410E OB 1 | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23802 | 4 | -57.9 | 30.5 | 4 | 70 | 105 | 4 | |
| 050 | | | | | | | | | 050 | | | | | | | | | 050 | 20620 | 2 | -63.9 | 26.7 | 2 | 44 | 133 | 2 | |
| 100 | 16489 | 4 | -80.9 | | | | | | 100 | 14145 | | -69.8 | | | | | | 100 | 16567 | 0 | -79.8 | 13.2 | 0 | 94 | 261 | 16 | |
| 150 | 14170 | 3 | -69.9 | | | | | | 150 | 12369 | | -56.3 | | | | | | 150 | 14209 | 0 | -66.7 | 15.2 | 0 | 96 | 247 | 26 | |
| 200 | 12393 | 1 | -54.9 | | | | | | 200 | 9658 | | -32.5 | | | | | | 200 | 12409 | 0 | -52.2 | 19.4 | 0 | 96 | 250 | 25 | |
| 300 | 9672 | 1 | -31.8 | | | | | | 300 | 5848 | | -5.6 | 11.1 | | 48 | 44 | 2 | 300 | 9658 | 0 | -30.7 | 25.4 | 0 | 95 | 261 | 25 | |
| 500 | 5850 | 0 | -5.5 | 8.9 | | | | | 500 | 3133 | | 9.3 | 8.8 | | 69 | 321 | 3 | 500 | 5849 | 0 | -6.9 | 24.4 | 0 | 95 | 262 | 13 | |
| 700 | 3135 | 0 | 9.0 | 8.7 | | | | | 700 | 1494 | | 18.2 | 5.4 | | 48 | 14 | 2 | 700 | 3155 | 0 | 6.6 | 16.3 | 0 | 53 | 269 | 3 | |
| 850 | 1499 | 0 | 18.0 | 5.2 | | | | | 850 | * 64 | | 26.6 | 3.4 | | | | | 850 | 1541 | 0 | 12.8 | 13.9 | 1 | 69 | 61 | 5 | |
| 1009 | * 3 | | 27.5 | 4.1 | | | | | 1002 | | | | | | | | | 1011 | * 66 | | 19.0 | 8.6 | | | | | |
| ASIA - REPUBLIC OF KOREA OSAN AB 47122 NOV 2001 3706N 12702E OB 3 | | | | | | | | | ASIA - REPUBLIC OF KOREA POHANG 47138 NOV 2001 3602N 12923E OB 3 | | | | | | | | | ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 NOV 2001 3507N 12649E OB 3 | | | | | | | | | |
| 030 | 23828 | 0 | -53.8 | 17.6 | 1 | 95 | 260 | 12 | 030 | 23802 | 0 | -54.6 | | | 0 | 94 | 259 | 11 | 030 | 23865 | 0 | -53.7 | 16.0 | 0 | 94 | 262 | 11 |
| 050 | 20573 | 0 | -58.5 | 15.5 | 0 | 97 | 259 | 18 | 050 | 20559 | 0 | -59.1 | | | 0 | 97 | 260 | 18 | 050 | 20616 | 0 | -58.6 | 13.9 | 0 | 97 | 261 | 16 |
| 100 | 16223 | 0 | -59.5 | 14.6 | 0 | 98 | 262 | 36 | 100 | 16257 | 0 | -61.5 | | | 0 | 99 | 260 | 37 | 100 | 16308 | 0 | -61.6 | 12.8 | 0 | 98 | 262 | 38 |
| 150 | 13662 | 0 | -54.8 | 15.0 | 0 | 98 | 262 | 43 | 150 | 13712 | 0 | -55.8 | | | 0 | 98 | 259 | 49 | 150 | 13766 | 0 | -56.0 | 13.6 | 0 | 98 | 261 | 51 |
| 200 | 11803 | 0 | -51.1 | 14.8 | 0 | 97 | 262 | 44 | 200 | 11857 | 0 | -50.7 | | | 0 | 97 | 259 | 55 | 200 | 11911 | 0 | -50.5 | 14.1 | 0 | 97 | 261 | 56 |
| 300 | 9143 | 0 | -45.7 | 14.0 | 0 | 95 | 269 | 34 | 300 | 9176 | 0 | -43.8 | 17.7 | | 0 | 97 | 263 | 40 | 300 | 9224 | 0 | -43.1 | 12.9 | 0 | 96 | 266 | 39 |
| 500 | 5579 | 0 | -22.7 | 16.1 | 0 | 92 | 279 | 19 | 500 | 5594 | 0 | -22.0 | 17.0 | | 0 | 93 | 273 | 21 | 500 | 5621 | 0 | -20.6 | 16.1 | 0 | 91 | 273 | 20 |
| 700 | 3030 | 0 | -6.9 | 18.9 | 0 | 90 | 288 | 12 | 700 | 3038 | 0 | -6.2 | 20.7 | | 0 | 87 | 282 | 10 | 700 | 3049 | 0 | -4.8 | 18.1 | 0 | 89 | 291 | 11 |
| 850 | 1497 | 0 | -.3 | 15.7 | 0 | 87 | 302 | 7 | 850 | 1497 | 0 | 1.5 | 16.8 | | 0 | 76 | 303 | 6 | 850 | 1504 | 0 | 1.6 | 13.0 | 0 | 81 | 317 | 7 |
| 1016 | * 52 | | 4.3 | 4.7 | | | | | 1021 | * 6 | | 8.5 | 9.6 | | | | | 1021 | * 13 | | 5.5 | 4.2 | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| ASIA - JAPAN WAKKANAI 47401 NOV 2001 4525N 14141E OB 2 | | | | | | | | | ASIA - JAPAN SAPPORO 47412 NOV 2001 4303N 14120E OB 2 | | | | | | | | | ASIA - JAPAN NEMURO 47420 NOV 2001 4320N 14535E OB 2 | | | | | | | | | |
| 030 | 23654 | 0 | -53.0 | | 1 | 95 | 248 | 18 | 030 | 23707 | 0 | -52.2 | | 0 | 96 | 248 | 16 | 030 | 23728 | 1 | -52.8 | | 1 | 96 | 252 | 14 | |
| 050 | 20367 | 0 | -53.8 | | 0 | 95 | 247 | 23 | 050 | 20431 | 0 | -54.4 | | 0 | 95 | 249 | 20 | 050 | 20452 | 0 | -55.1 | | 1 | 96 | 249 | 21 | |
| 100 | 15930 | 0 | -54.6 | | 0 | 97 | 256 | 30 | 100 | 16019 | 0 | -56.0 | | 0 | 98 | 256 | 34 | 100 | 16049 | 0 | -55.5 | | 0 | 96 | 254 | 33 | |
| 150 | 13323 | 0 | -52.3 | | 0 | 96 | 255 | 34 | 150 | 13428 | 0 | -52.6 | | 0 | 98 | 254 | 39 | 150 | 13451 | 0 | -52.8 | | 0 | 97 | 256 | 42 | |
| 200 | 11459 | 0 | -52.0 | | 0 | 95 | 255 | 34 | 200 | 11562 | 0 | -51.3 | | 0 | 97 | 255 | 41 | 200 | 11587 | 0 | -51.1 | | 0 | 97 | 254 | 44 | |
| 300 | 8833 | 0 | -49.5 | | 0 | 86 | 260 | 31 | 300 | 8926 | 0 | -48.4 | | 0 | 89 | 255 | 33 | 300 | 8942 | 0 | -47.4 | | 0 | 90 | 255 | 35 | |
| 500 | 5350 | 0 | -29.1 | 12.1 | 0 | 84 | 268 | 22 | 500 | 5418 | 0 | -27.3 | 12.6 | 0 | 88 | 264 | 22 | 500 | 5421 | 0 | -26.3 | 10.9 | 0 | 89 | 261 | 23 | |
| 700 | 2875 | 0 | -15.3 | 7.4 | 0 | 88 | 262 | 15 | 700 | 2921 | 0 | -12.8 | 10.0 | 0 | 91 | 271 | 15 | 700 | 2915 | 0 | -11.5 | 12.0 | 0 | 92 | 265 | 16 | |
| 850 | 1384 | 0 | -6.9 | 3.9 | 0 | 90 | 264 | 11 | 850 | 1416 | 0 | -4.8 | 3.9 | 0 | 86 | 277 | 9 | 850 | 1404 | 0 | -4.0 | 4.4 | 0 | 81 | 273 | 9 | |
| 1010 | * 11 | | 4.1 | 7.2 | | | | | 1011 | * 26 | | 4.2 | 5.2 | | | | | | 1008 | * 39 | | 5.0 | 5.4 | | | | |
| ASIA - JAPAN AKITA 47582 NOV 2001 3943N 14006E OB 2 | | | | | | | | | ASIA - JAPAN WAJIMA 47600 NOV 2001 3723N 13654E OB 2 | | | | | | | | | ASIA - JAPAN TATENO 47646 NOV 2001 3603N 14008E OB 2 | | | | | | | | | |
| 030 | 23741 | 0 | -53.9 | | 1 | 97 | 254 | 13 | 030 | 23760 | 6 | -55.5 | | 7 | 97 | 253 | 12 | 030 | 23785 | 0 | -55.7 | | 0 | 96 | 258 | 10 | |
| 050 | 20499 | 0 | -58.3 | | 0 | 96 | 254 | 18 | 050 | 20531 | 0 | -59.5 | | 0 | 98 | 256 | 19 | 050 | 20572 | 0 | -60.1 | | 0 | 97 | 256 | 17 | |
| 100 | 16143 | 0 | -59.2 | | 0 | 99 | 259 | 38 | 100 | 16220 | 0 | -60.9 | | 0 | 99 | 256 | 39 | 100 | 16300 | 0 | -63.4 | | 0 | 99 | 256 | 39 | |
| 150 | 13584 | 0 | -55.0 | | 0 | 99 | 254 | 47 | 150 | 13680 | 0 | -55.8 | | 0 | 98 | 255 | 52 | 150 | 13787 | 0 | -57.8 | | 0 | 99 | 256 | 56 | |
| 200 | 11729 | 0 | -51.0 | | 0 | 98 | 253 | 49 | 200 | 11829 | 0 | -50.9 | | 0 | 98 | 254 | 55 | 200 | 11945 | 0 | -50.9 | | 0 | 98 | 255 | 61 | |
| 300 | 9060 | 0 | -44.6 | | 0 | 94 | 253 | 39 | 300 | 9147 | 0 | -42.7 | | 0 | 96 | 256 | 46 | 300 | 9247 | 0 | -39.8 | | 0 | 98 | 254 | 52 | |
| 500 | 5508 | 0 | -24.2 | 12.4 | 0 | 93 | 259 | 23 | 500 | 5564 | 0 | -22.5 | 12.7 | 0 | 92 | 264 | 22 | 500 | 5609 | 0 | -19.5 | 16.7 | 0 | 97 | 257 | 25 | |
| 700 | 2981 | 0 | -8.9 | 11.0 | 0 | 93 | 262 | 15 | 700 | 3015 | 0 | -7.3 | 14.0 | 0 | 85 | 260 | 11 | 700 | 3033 | 0 | -4.6 | 15.7 | 0 | 82 | 256 | 10 | |
| 850 | 1456 | 0 | -1.6 | 4.1 | 0 | 87 | 272 | 9 | 850 | 1481 | 0 | .7 | 4.4 | 0 | 72 | 253 | 7 | 850 | 1481 | 0 | 3.5 | 6.9 | 1 | 52 | 262 | 4 | |
| 1016 | * 7 | | 7.0 | 3.7 | | | | | 1017 | * 14 | | 9.0 | 3.4 | | | | | | 1013 | * 31 | | 7.7 | 3.7 | | | | |
| ASIA - JAPAN HACHIJOJIMA/OMURE 47678 NOV 2001 3307N 13947E OB 2 | | | | | | | | | ASIA - JAPAN YONAGO 47744 NOV 2001 3526N 13321E OB 2 | | | | | | | | | ASIA - JAPAN SHIONOMISAKI 47778 NOV 2001 3327N 13546E OB 2 | | | | | | | | | |
| 030 | 23798 | 2 | -56.3 | | 2 | 94 | 263 | 8 | 030 | 23781 | 1 | -55.5 | | 2 | 96 | 259 | 11 | 030 | 23798 | 1 | -56.2 | | 1 | 97 | 264 | 9 | |
| 050 | 20603 | 1 | -62.4 | | 1 | 97 | 257 | 12 | 050 | 20556 | 0 | -60.4 | | 0 | 98 | 258 | 19 | 050 | 20594 | 1 | -61.5 | | 1 | 99 | 255 | 15 | |
| 100 | 16408 | 0 | -68.1 | | 0 | 99 | 256 | 38 | 100 | 16281 | 0 | -63.3 | | 0 | 99 | 258 | 38 | 100 | 16373 | 0 | -66.9 | | 0 | 99 | 257 | 38 | |
| 150 | 13943 | 0 | -61.0 | | 0 | 99 | 257 | 56 | 150 | 13760 | 0 | -57.0 | | 0 | 98 | 256 | 54 | 150 | 13895 | 0 | -60.0 | | 0 | 99 | 256 | 57 | |
| 200 | 12119 | 0 | -51.3 | | 0 | 99 | 256 | 63 | 200 | 11913 | 0 | -50.7 | | 0 | 98 | 257 | 60 | 200 | 12063 | 0 | -50.9 | | 0 | 98 | 256 | 62 | |
| 300 | 9396 | 0 | -36.0 | 14.2 | 0 | 98 | 254 | 54 | 300 | 9218 | 0 | -41.1 | | 0 | 97 | 255 | 47 | 300 | 9344 | 0 | -37.0 | 18.8 | 0 | 97 | 255 | 54 | |
| 500 | 5686 | 0 | -14.5 | 15.4 | 0 | 98 | 257 | 30 | 500 | 5605 | 0 | -20.4 | 15.7 | 0 | 96 | 265 | 22 | 500 | 5665 | 0 | -16.6 | 17.2 | 0 | 97 | 259 | 27 | |
| 700 | 3069 | 0 | -.7 | 18.8 | 0 | 93 | 262 | 12 | 700 | 3038 | 0 | -5.1 | 15.0 | 0 | 88 | 280 | 11 | 700 | 3066 | 0 | -2.0 | 20.0 | 0 | 94 | 266 | 12 | |
| 850 | 1496 | 0 | 6.4 | 4.6 | 0 | 63 | 259 | 6 | 850 | 1493 | 0 | 1.7 | 3.9 | 0 | 67 | 281 | 6 | 850 | 1501 | 0 | 5.5 | 9.9 | 1 | 49 | 285 | 4 | |
| 998 | * 153 | | 15.8 | 5.5 | | | | | 1018 | * 8 | | 10.3 | 3.9 | | | | | | 1010 | * 75 | | 14.1 | 6.5 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASIA - JAPAN FUKUOKA 47807 NOV 2001 3335N 13023E OB 2 | | | | | | | | | ASIA - JAPAN KAGOSHIMA 47827 NOV 2001 3133N 13033E OB 2 | | | | | | | | | ASIA - JAPAN NAZE/FUNCHATOGE 47909 NOV 2001 2823N 12933E OB 2 | | | | | | | | |
| 030 | 23787 | 1 | -55.7 | | 2 | 97 | 259 | 11 | 030 | 23805 | 1 | -56.0 | | 1 | 98 | 263 | 9 | 030 | 23821 | 1 | -56.4 | | 1 | 92 | 264 | 7 |
| 050 | 20574 | 1 | -61.1 | | 1 | 98 | 258 | 16 | 050 | 20604 | 0 | -62.3 | | 0 | 99 | 259 | 14 | 050 | 20631 | 0 | -63.0 | | 1 | 97 | 263 | 9 |
| 100 | 16335 | 0 | -66.1 | | 0 | 99 | 258 | 39 | 100 | 16410 | 0 | -69.3 | | 1 | 98 | 260 | 37 | 100 | 16507 | 0 | -74.2 | | 1 | 98 | 257 | 31 |
| 150 | 13841 | 0 | -58.9 | | 0 | 98 | 258 | 57 | 150 | 13958 | 0 | -61.6 | | 0 | 98 | 259 | 56 | 150 | 14103 | 0 | -64.3 | | 1 | 96 | 256 | 46 |
| 200 | 12003 | 0 | -50.7 | | 1 | 97 | 257 | 62 | 200 | 12132 | 0 | -50.8 | | 0 | 96 | 257 | 63 | 200 | 12291 | 0 | -51.3 | | 1 | 95 | 255 | 48 |
| 300 | 9291 | 0 | -38.7 | | 0 | 97 | 257 | 51 | 300 | 9399 | 0 | -35.2 | 19.4 | 0 | 97 | 257 | 55 | 300 | 9542 | 0 | -32.1 | 14.8 | 1 | 96 | 257 | 46 |
| 500 | 5645 | 0 | -18.6 | 18.2 | 0 | 96 | 267 | 24 | 500 | 5698 | 0 | -15.5 | 19.6 | 0 | 97 | 262 | 25 | 500 | 5771 | 0 | -10.6 | 15.0 | 0 | 97 | 260 | 27 |
| 700 | 3061 | 0 | -3.6 | 17.6 | 0 | 91 | 281 | 12 | 700 | 3085 | 0 | - | 20.4 | 1 | 91 | 279 | 12 | 700 | 3115 | 0 | 2.8 | 20.0 | 0 | 84 | 273 | 10 |
| 850 | 1507 | 0 | 3.2 | 6.5 | 0 | 68 | 303 | 5 | 850 | 1515 | 0 | 6.1 | 11.5 | 0 | 68 | 297 | 6 | 850 | 1528 | 0 | 8.3 | 2.9 | 0 | 58 | 327 | 5 |
| 1018 | * 15 | | 12.8 | 5.7 | | | | | 1016 | * 31 | | 14.6 | 6.7 | | | | | 984 | * 295 | | 16.9 | 4.9 | | | | |
| ASIA - JAPAN ISHIGAKIJIMA 47918 NOV 2001 2420N 12410E OB 2 | | | | | | | | | ASIA - JAPAN NAHA 47936 NOV 2001 2612N 12741E OB 2 | | | | | | | | | ASIA - JAPAN MINAMIDAITOJIMA 47945 NOV 2001 2550N 13114E OB 2 | | | | | | | | |
| 030 | 23827 | 0 | -57.5 | | 1 | 50 | 250 | 2 | 030 | 23830 | 1 | -56.8 | | 1 | 71 | 262 | 4 | 030 | 23823 | 1 | -57.0 | | 1 | 69 | 256 | 4 |
| 050 | 20640 | 0 | -63.1 | | 0 | 64 | 262 | 3 | 050 | 20643 | 1 | -63.3 | | 1 | 83 | 265 | 5 | 050 | 20640 | 0 | -63.4 | | 1 | 79 | 254 | 4 |
| 100 | 16574 | 0 | -78.8 | | 0 | 95 | 253 | 21 | 100 | 16552 | 0 | -76.5 | | 0 | 97 | 255 | 26 | 100 | 16568 | 0 | -77.5 | | 0 | 98 | 253 | 24 |
| 150 | 14204 | 0 | -65.9 | | 0 | 93 | 251 | 31 | 150 | 14171 | 0 | -65.4 | | 0 | 94 | 255 | 38 | 150 | 14190 | 0 | -65.8 | | 0 | 93 | 255 | 35 |
| 200 | 12400 | 0 | -51.7 | | 0 | 93 | 255 | 32 | 200 | 12365 | 0 | -51.7 | | 0 | 95 | 254 | 39 | 200 | 12386 | 0 | -51.8 | | 0 | 94 | 253 | 36 |
| 300 | 9645 | 0 | -30.3 | 16.4 | 0 | 95 | 258 | 30 | 300 | 9612 | 0 | -30.9 | 16.1 | 0 | 96 | 258 | 38 | 300 | 9634 | 0 | -30.7 | 15.1 | 0 | 94 | 258 | 32 |
| 500 | 5834 | 0 | -7.2 | 16.9 | 0 | 99 | 261 | 20 | 500 | 5814 | 0 | -8.3 | 15.7 | 0 | 97 | 258 | 24 | 500 | 5828 | 0 | -7.4 | 15.6 | 0 | 97 | 256 | 22 |
| 700 | 3147 | 0 | 5.5 | 12.3 | 0 | 78 | 287 | 5 | 700 | 3136 | 0 | 5.0 | 17.1 | 0 | 89 | 278 | 10 | 700 | 3137 | 0 | 5.8 | 14.9 | 0 | 87 | 270 | 8 |
| 850 | 1540 | 0 | 11.1 | 2.8 | 0 | 71 | 33 | 5 | 850 | 1536 | 0 | 9.9 | 4.0 | 0 | 60 | 4 | 4 | 850 | 1530 | 0 | 10.9 | 3.2 | 0 | 64 | 354 | 4 |
| 1018 | * 7 | | 22.0 | 6.4 | | | | | 1016 | * 27 | | 21.5 | 8.0 | | | | | 1015 | * 20 | | 21.6 | 5.4 | | | | |
| ASIA - JAPAN CHICHIJIMA 47971 NOV 2001 2705N 14211E OB 3 | | | | | | | | | ASIA - THAILAND CHIANG MAI 48327 NOV 2001 1847N 09859E OB 1 | | | | | | | | | ASIA - THAILAND UBON RATCHATHANI 48407 NOV 2001 1515N 10452E OB 1 | | | | | | | | |
| 030 | 23817 | 3 | -57.4 | | 3 | 64 | 275 | 3 | 030 | 23881 | | | | 7 | 91 | 90 | 7 | 030 | | | | | | | | |
| 050 | 20645 | 3 | -64.8 | | 3 | 67 | 258 | 3 | 050 | 20672 | 2 | -61.5 | | 2 | 88 | 85 | 5 | 050 | 20672 | 9 | -62.0 | | | | | |
| 100 | 16576 | 0 | -77.7 | | 0 | 97 | 250 | 22 | 100 | 16590 | 2 | -80.3 | | 2 | 49 | 245 | 4 | 100 | 16593 | 9 | -81.4 | | | | | |
| 150 | 14193 | 0 | -65.2 | | 0 | 97 | 263 | 32 | 150 | 14232 | 3 | -66.7 | | 3 | 91 | 245 | 11 | 150 | 14250 | 8 | -67.6 | | | | | |
| 200 | 12389 | 0 | -52.0 | | 0 | 97 | 262 | 35 | 200 | 12434 | 1 | -52.3 | | 2 | 91 | 270 | 11 | 200 | 12457 | 9 | -52.4 | | 8 | 71 | 185 | 8 |
| 300 | 9642 | 0 | -31.5 | 12.1 | 0 | 96 | 258 | 31 | 300 | 9682 | 1 | -30.4 | 25.9 | 2 | 83 | 275 | 8 | 300 | 9706 | 7 | -30.2 | | 7 | 28 | 255 | 3 |
| 500 | 5840 | 0 | -7.2 | 14.0 | 0 | 97 | 250 | 22 | 500 | 5855 | 1 | -5.2 | 16.4 | 1 | 62 | 280 | 5 | 500 | 5872 | 7 | -4.3 | | 7 | 14 | 320 | 1 |
| 700 | 3142 | 0 | 7.5 | 14.0 | 0 | 92 | 243 | 12 | 700 | 3142 | 1 | 7.9 | 10.4 | 1 | 35 | 55 | 2 | 700 | 3152 | 7 | 8.1 | 7.4 | 7 | 44 | 80 | 3 |
| 850 | 1524 | 0 | 13.3 | 6.5 | 0 | 39 | 242 | 3 | 850 | 1522 | 1 | 14.8 | 4.8 | 1 | 70 | 100 | 8 | 850 | 1525 | 7 | 15.8 | 6.2 | 7 | 90 | 70 | 6 |
| 1015 | * 8 | | 22.6 | 3.5 | | | | | 980 | * 314 | | 18.6 | 1.9 | | | | | 1001 | * 127 | | 19.3 | 2.4 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASIA - THAILAND BANGKOK 48455 NOV 2001 1344N 10034E OB 1 | | | | | | | | | ASIA - THAILAND SONGKHLA 48568 NOV 2001 0712N 10036E OB 1 | | | | | | | | | ASIA - CHINA HAILAR 50527 NOV 2001 4913N 11945E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23481 | 4 | -54.8 | 7.3 | 6 | 96 | 261 | 24 |
| 050 | 20667 | | | | 2 | 98 | 95 | 12 | 050 | | | | | | | | | 050 | 20232 | 2 | -56.0 | 7.0 | 2 | 96 | 275 | 22 |
| 100 | 16595 | | | | 0 | 89 | 120 | 9 | 100 | 16538 | 2 | -81.4 | | 2 | 98 | 105 | 18 | 100 | 15831 | 2 | -55.8 | 6.4 | 2 | 95 | 283 | 20 |
| 150 | 14253 | | | | 0 | 75 | 165 | 8 | 150 | 14216 | 1 | -69.5 | | 2 | 95 | 110 | 15 | 150 | 13237 | 1 | -55.7 | 5.9 | 1 | 91 | 294 | 21 |
| 200 | 12461 | 0 | -52.7 | 12.3 | 0 | 49 | 195 | 4 | 200 | 12437 | 2 | -53.9 | | 2 | 91 | 115 | 10 | 200 | 11411 | 1 | -57.2 | 5.4 | 1 | 83 | 300 | 19 |
| 300 | 9710 | 0 | -30.1 | 14.5 | 0 | 22 | 130 | 2 | 300 | 9694 | 0 | -30.2 | 5.2 | 1 | 77 | 95 | 5 | 300 | 8847 | 1 | -53.7 | 5.6 | 1 | 78 | 312 | 18 |
| 500 | 5878 | 0 | -4.4 | 16.2 | 0 | 31 | 90 | 2 | 500 | 5858 | 0 | -5.0 | 4.2 | 1 | 54 | 105 | 3 | 500 | 5398 | 0 | -30.4 | 6.8 | 0 | 89 | 312 | 16 |
| 700 | 3156 | 0 | 9.3 | 10.4 | 0 | 32 | 70 | 2 | 700 | 3139 | 0 | 8.9 | 3.0 | 1 | 26 | 120 | 1 | 700 | 2928 | 0 | -15.6 | 7.5 | 0 | 92 | 313 | 12 |
| 850 | 1526 | 0 | 16.2 | 6.0 | 0 | 79 | 90 | 5 | 850 | 1502 | 0 | 17.3 | 2.9 | 1 | 62 | 65 | 4 | 850 | 1442 | 0 | -8.0 | 5.7 | 0 | 89 | 304 | 8 |
| 1014 | * 20 | | 22.8 | 3.2 | | | | | 1009 | * 5 | | 25.0 | 1.9 | | | | | 946 | * 611 | | -12.3 | 3.9 | | | | |
| ASIA - CHINA URUMQI 51463 NOV 2001 4347N 08737E OB 3 | | | | | | | | | ASIA - CHINA BEIJING 54511 NOV 2001 3956N 11617E OB 3 | | | | | | | | | ASIA - CHINA LHASA 55591 NOV 2001 2940N 09108E OB 3 | | | | | | | | |
| 030 | 23534 | 6 | -60.3 | | 8 | 96 | 275 | 23 | 030 | 23690 | 3 | -53.6 | 11.6 | 3 | 95 | 268 | 19 | 030 | 23713 | 5 | -57.9 | | 5 | 71 | 282 | 5 |
| 050 | 20373 | 2 | -62.5 | | 3 | 0 | 276 | 24 | 050 | 20442 | 3 | -58.2 | 11.0 | 3 | 96 | 272 | 22 | 050 | 20549 | 4 | -65.5 | | 4 | 67 | 268 | 6 |
| 100 | 16090 | 0 | -61.6 | | 0 | 0 | 278 | 25 | 100 | 16087 | 1 | -58.7 | 9.7 | 1 | 0 | 276 | 29 | 100 | 16447 | 0 | -71.8 | | 0 | 97 | 275 | 29 |
| 150 | 13564 | 0 | -59.5 | 6.2 | 0 | 96 | 281 | 25 | 150 | 13524 | 1 | -55.0 | 9.4 | 1 | 0 | 276 | 30 | 150 | 14007 | 0 | -62.7 | 11.3 | 0 | 96 | 272 | 45 |
| 200 | 11768 | 0 | -60.4 | 6.7 | 0 | 92 | 282 | 23 | 200 | 11682 | 1 | -54.2 | 9.0 | 1 | 97 | 279 | 30 | 200 | 12195 | 0 | -53.4 | 12.6 | 0 | 92 | 272 | 48 |
| 300 | 9200 | 0 | -50.2 | 6.3 | 0 | 83 | 285 | 19 | 300 | 9082 | 0 | -50.2 | 8.4 | 0 | 93 | 284 | 25 | 300 | 9490 | 0 | -37.7 | 14.3 | 0 | 92 | 274 | 35 |
| 500 | 5657 | 0 | -22.0 | 9.1 | 0 | 92 | 288 | 12 | 500 | 5568 | 0 | -24.9 | 11.3 | 0 | 83 | 297 | 15 | 500 | 5790 | 0 | -11.7 | 15.3 | 0 | 80 | 266 | 8 |
| 700 | 3091 | 0 | -4.2 | 10.8 | 0 | 33 | 323 | 2 | 700 | 3038 | 0 | -8.9 | 11.7 | 0 | 82 | 300 | 9 | 656 | *3650 | | -2.5 | 10.3 | | | | |
| 850 | 1541 | 0 | 1.1 | 6.8 | 0 | 40 | 111 | 2 | 850 | 1513 | 0 | -1.1 | 10.4 | 0 | 67 | 311 | 6 | | | | | | | | | |
| 916 | * 919 | | .0 | 3.8 | | | | | 1021 | * 55 | | 1.9 | 6.2 | | | | | | | | | | | | | |
| ASIA - CHINA SHANGHAI 58362 NOV 2001 3124N 12128E OB 3 | | | | | | | | | AFRICA - MADEIRA FUNCHAL 08522 NOV 2001 3238N 01654W OB 3 | | | | | | | | | AFRICA - SPAIN (CANARY ISLANDS) SANTA CRUZ DE TENE- RIFE, CM 60020 NOV 2001 2827N 01615W OB 3 | | | | | | | | |
| 030 | 23749 | 2 | -55.0 | | 2 | 75 | 264 | 6 | 030 | 23750 | 0 | -59.7 | | 0 | 95 | 270 | 6 | 030 | 23788 | 0 | -58.9 | 30.4 | 1 | 91 | 264 | 11 |
| 050 | 20532 | 0 | -61.7 | | 2 | 87 | 264 | 13 | 050 | 20583 | 0 | -62.6 | | 0 | 86 | 274 | 4 | 050 | 20607 | 0 | -62.3 | 29.7 | 0 | 88 | 266 | 9 |
| 100 | 16338 | 0 | -68.6 | | 1 | 97 | 259 | 33 | 100 | 16342 | 0 | -65.2 | | 0 | 86 | 289 | 5 | 100 | 16383 | 0 | -66.8 | 25.4 | 0 | 95 | 269 | 14 |
| 150 | 13877 | 0 | -61.7 | 11.5 | 0 | 95 | 263 | 53 | 150 | 13858 | 0 | -62.4 | | 0 | 82 | 295 | 7 | 150 | 13918 | 0 | -63.4 | 20.3 | 0 | 94 | 272 | 20 |
| 200 | 12057 | 0 | -52.1 | 10.8 | 0 | 95 | 261 | 61 | 200 | 12073 | 0 | -59.1 | | 0 | 66 | 297 | 8 | 200 | 12137 | 0 | -58.8 | 14.6 | 0 | 87 | 276 | 22 |
| 300 | 9349 | 0 | -38.6 | 11.4 | 0 | 96 | 262 | 54 | 300 | 9441 | 0 | -41.7 | | 0 | 56 | 313 | 6 | 300 | 9488 | 0 | -39.8 | 14.7 | 0 | 74 | 281 | 15 |
| 500 | 5699 | 0 | -17.7 | 13.2 | 0 | 95 | 273 | 20 | 500 | 5770 | 0 | -13.9 | 23.8 | 0 | 48 | 352 | 4 | 500 | 5787 | 0 | -11.8 | 23.9 | 0 | 57 | 288 | 8 |
| 700 | 3100 | 0 | -2.4 | 13.8 | 0 | 82 | 281 | 9 | 700 | 3132 | 0 | 2.8 | 25.4 | 0 | 47 | 32 | 3 | 700 | 3129 | 0 | 4.3 | 24.0 | 0 | 25 | 301 | 3 |
| 850 | 1540 | 0 | 3.8 | 9.9 | 0 | 43 | 329 | 3 | 850 | 1544 | 0 | 8.1 | 7.0 | 0 | 58 | 47 | 3 | 850 | 1532 | 0 | 10.0 | 5.7 | 0 | 33 | 11 | 2 |
| 1024 | * 4 | | 11.9 | 4.3 | | | | | 1014 | * 56 | | 19.4 | 8.4 | | | | | 1014 | * 36 | | 21.0 | 7.5 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 DAR-EL-BEIDA 60390 NOV 2001 3643N 00315E OB 3 | | | | | | | | | AFRICA - ALGERIA BECHAR 60571 NOV 2001 3137N 00214W OB 3 | | | | | | | | | AFRICA - ALGERIA IN SALAH 60630 NOV 2001 2712N 00228E OB 2 | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | | 050 | | | | | | | | |
| 100 | 16260 | 6 | -61.9 | | 9 | 97 | 270 | 15 | 100 | 16343 | 11 | -62.7 | | 3 | 98 | 260 | 21 | 100 | 16429 | 0 | -68.9 | | | | | |
| 150 | 13726 | 1 | -57.2 | | 4 | 92 | 260 | 20 | 150 | 13836 | 0 | -60.7 | | 0 | 97 | 260 | 30 | 150 | 13981 | 0 | -64.7 | | | | | |
| 200 | 11910 | 1 | -56.4 | | 4 | 88 | 260 | 22 | 200 | 12039 | 0 | -57.3 | | 0 | 94 | 260 | 37 | 200 | 12205 | 0 | -57.9 | | | | | |
| 300 | 9282 | 1 | -45.0 | | 2 | 87 | 260 | 22 | 300 | 9390 | 0 | -41.4 | | 0 | 91 | 260 | 33 | 300 | 9537 | 0 | -37.7 | 13.8 | | 95 | | |
| 500 | 5679 | 1 | -18.7 | 14.1 | 2 | 70 | 260 | 11 | 500 | 5739 | 0 | -16.9 | 15.7 | 0 | 82 | 260 | 13 | 500 | 5813 | 0 | -11.2 | 23.6 | 3 | 91 | 250 | 17 |
| 700 | 3088 | 1 | -2.3 | 10.2 | 1 | 75 | 260 | 8 | 700 | 3127 | 0 | 1.2 | 14.9 | 0 | 75 | 250 | 7 | 700 | 3156 | 0 | 4.5 | 21.8 | 1 | 62 | 250 | 7 |
| 850 | 1519 | 1 | 6.5 | 6.9 | 2 | 40 | 260 | 3 | 850 | 1535 | 0 | 12.2 | 15.4 | 0 | 47 | 230 | 4 | 850 | 1548 | 0 | 14.7 | 19.4 | 0 | 7 | 180 | 1 |
| 1016 | * 25 | | 15.1 | 4.7 | | | | | 926 | * 773 | | 16.3 | 15.7 | | | | | 987 | * 293 | | 25.4 | 23.5 | | | | |
| AFRICA - ALGERIA TAMANRASSET 60680 NOV 2001 2247N 00531E OB 3 | | | | | | | | | AFRICA - TUNISIA TUNIS-CARTHAGE 60715 NOV 2001 3650N 01014E OB 1 | | | | | | | | | AFRICA - NIGER NIAMEY-AERO 61052 NOV 2001 1329N 00210E OB 2 | | | | | | | | |
| 030 | | | | | | | | | 030 | 23651 | 18 | -60.7 | 30.7 | 9 | 98 | 280 | 18 | 030 | 23748 | 7 | -58.1 | | | | | |
| 050 | | | | | | | | | 050 | 20494 | 6 | -63.0 | 29.4 | 3 | 95 | 273 | 16 | 050 | 20618 | 3 | -67.6 | | | | | |
| 100 | 16517 | 11 | -73.3 | | 9 | 95 | 250 | 22 | 100 | 16236 | 0 | -62.3 | 29.5 | 1 | 91 | 270 | 20 | 100 | 16574 | 3 | -78.6 | | | | | |
| 150 | 14106 | 0 | -67.4 | | 0 | 97 | 250 | 29 | 150 | 13722 | 0 | -59.5 | 28.2 | 1 | 92 | 263 | 26 | 150 | 14196 | 3 | -67.7 | | | | | |
| 200 | 12334 | 0 | -56.6 | | 0 | 97 | 260 | 32 | 200 | 11920 | 0 | -58.4 | 19.0 | 1 | 89 | 262 | 29 | 200 | 12416 | 3 | -55.2 | | | | | |
| 300 | 9637 | 0 | -35.1 | 12.9 | 0 | 96 | 260 | 25 | 300 | 9300 | 0 | -44.2 | 15.5 | 1 | 78 | 262 | 23 | 300 | 9696 | 3 | -32.6 | 22.5 | | | | |
| 500 | 5872 | 0 | -8.9 | 21.2 | 0 | 94 | 250 | 13 | 500 | 5682 | 0 | -17.4 | 16.1 | 1 | 72 | 267 | 13 | 500 | 5888 | 2 | -5.1 | 35.8 | | | | |
| 700 | 3178 | 0 | 7.3 | 21.9 | 0 | 53 | 260 | 4 | 700 | 3078 | 0 | -1.2 | 15.5 | 1 | 67 | 272 | 10 | 700 | 3174 | 2 | 9.0 | 24.5 | | | | |
| 850 | 1551 | 0 | 19.4 | 22.5 | 0 | 46 | 150 | 2 | 850 | 1508 | 0 | 6.8 | 6.5 | 1 | 65 | 282 | 7 | 850 | 1535 | 2 | 18.1 | 23.7 | | | | |
| 869 | *1378 | | 19.2 | 21.8 | | | | | 1017 | * 4 | | 15.8 | 4.0 | | | | | 987 | * 227 | | 28.7 | 22.4 | | | | |
| AFRICA - MALI TOMBOUCTOU 61223 NOV 2001 1643N 00300W OB 2 | | | | | | | | | AFRICA - SENEGAL DAKAR/YOFF 61641 NOV 2001 1444N 01730W OB 3 | | | | | | | | | AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG) 61998 NOV 2001 4921S 07015E OB 2 | | | | | | | | |
| 030 | 23832 | 7 | -77.2 | | | | | | 030 | 23790 | 1 | -58.3 | | 1 | 97 | 95 | 11 | 030 | | | | | | | | |
| 050 | 20639 | 6 | -62.5 | | | | | | 050 | 20613 | 0 | -63.8 | 28.7 | 0 | 95 | 95 | 9 | 050 | | | | | | | | |
| 100 | 16555 | 2 | -75.9 | | | | | | 100 | 16516 | 0 | -74.6 | 20.6 | 0 | 92 | 240 | 14 | 100 | 15925 | 4 | -57.6 | | 4 | 96 | 277 | 39 |
| 150 | 14169 | 0 | -68.4 | | | | | | 150 | 14130 | 0 | -67.9 | 16.7 | 0 | 94 | 265 | 22 | 150 | 13368 | 3 | -57.3 | | 3 | 96 | 275 | 38 |
| 200 | 12395 | 0 | -55.8 | | | | | | 200 | 12358 | 0 | -56.2 | 15.4 | 0 | 88 | 245 | 21 | 200 | 11551 | 3 | -57.7 | | 3 | 91 | 272 | 38 |
| 300 | | | | | | | | | 300 | 9652 | 0 | -34.1 | 21.5 | 0 | 87 | 245 | 13 | 300 | 8961 | 3 | -47.8 | | 4 | 86 | 270 | 36 |
| 500 | 5896 | 0 | -6.2 | | | | | | 500 | 5869 | 0 | -6.9 | 30.6 | 0 | 53 | 240 | 3 | 500 | 5402 | 1 | -23.5 | 11.0 | 3 | 88 | 276 | 26 |
| 700 | 3190 | 0 | 8.7 | 26.8 | | | | | 700 | 3169 | 0 | 8.2 | 18.6 | 0 | 53 | 155 | 4 | 700 | 2858 | 1 | -7.6 | 16.1 | 3 | 93 | 272 | 22 |
| 850 | 1550 | | 20.9 | 28.2 | | | | | 850 | 1534 | 0 | 19.7 | 19.7 | 0 | 60 | 110 | 3 | 850 | 1337 | 2 | -2.6 | 5.1 | 3 | 91 | 277 | 16 |
| 984 | * 264 | | | | | | | | 1010 | * 24 | | 27.5 | 6.3 | | | | | 999 | * 30 | | 7.6 | 6.5 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| AFRICA - EGYPT MERSA MATRUH 62306 NOV 2001 3120N 02713E OB 3 | | | | | | | | | AFRICA - EGYPT HELWAN 62378 NOV 2001 2952N 03120E OB 3 | | | | | | | | | AFRICA - EGYPT ASSWAN 62414 NOV 2001 2358N 03247E OB 3 | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | | |
| 050 | 20606 | 0 | -61.9 | 10.4 | 0 | 96 | 272 | 16 | 050 | 20657 | 3 | -63.1 | 29.0 | 9 | 56 | 264 | 9 | 050 | 20589 | 11 | -61.3 | | | 1 | 84 | 250 | 14 |
| 100 | 16382 | 0 | -65.8 | 15.0 | 0 | 96 | 277 | 31 | 100 | 16476 | 3 | -68.7 | 27.9 | 3 | 97 | 267 | 19 | 100 | 16482 | 11 | -73.4 | | | 1 | 96 | 265 | 28 |
| 150 | 13897 | 0 | -61.4 | 17.4 | 0 | 96 | 277 | 41 | 150 | 13989 | 3 | -59.4 | 27.0 | 3 | 94 | 271 | 25 | 150 | 14066 | 0 | -65.8 | | | 0 | 97 | 275 | 31 |
| 200 | 12097 | 0 | -56.8 | 17.5 | 0 | 95 | 278 | 44 | 200 | 12176 | 1 | -54.7 | 25.2 | 1 | 96 | 271 | 29 | 200 | 12286 | 0 | -55.9 | 16.0 | | 0 | 97 | 270 | 35 |
| 300 | 9441 | 0 | -40.3 | 17.3 | 0 | 93 | 276 | 36 | 300 | 9494 | 1 | -38.6 | 27.3 | 1 | 94 | 268 | 25 | 300 | 9585 | 0 | -35.1 | 18.0 | | 0 | 97 | 260 | 29 |
| 500 | 5760 | 0 | -13.9 | 21.5 | 0 | 89 | 278 | 20 | 500 | 5784 | 1 | -11.6 | 35.7 | 1 | 91 | 281 | 14 | 500 | 5815 | 0 | -8.5 | 19.7 | | 0 | 90 | 255 | 19 |
| 700 | 3123 | 0 | 2.5 | 20.3 | 0 | 79 | 286 | 10 | 700 | 3121 | 1 | 4.4 | 28.4 | 1 | 90 | 289 | 10 | 700 | 3122 | 0 | 7.6 | 27.7 | | 0 | 88 | 260 | 10 |
| 850 | 1531 | 0 | 10.1 | 11.4 | 0 | 68 | 288 | 6 | 850 | 1527 | 1 | 10.6 | 12.0 | 1 | 75 | 291 | 5 | 850 | 1504 | 0 | 14.5 | 24.8 | | 0 | 90 | 315 | 6 |
| 1015 | * 29 | | 19.4 | 10.9 | | | | | 1001 | * 141 | | 20.2 | 14.3 | | | | | 992 | * 194 | | 16.8 | 15.2 | | | | | |
| AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 NOV 2001 0440S 05532E OB 3 | | | | | | | | | AFRICA - SOUTH AFRICA PIETERSBURG 68174 NOV 2001 2350S 02925E OB 2 | | | | | | | | | AFRICA - SOUTH AFRICA IRENE 68263 NOV 2001 2555S 02813E OB 3 | | | | | | | | | |
| 030 | 23750 | 1 | -52.1 | 32.9 | 1 | 38 | 93 | 3 | 030 | 23872 | 28 | -56.7 | | | | | | 030 | 23870 | 27 | -56.2 | | | 9 | 96 | 110 | 12 |
| 050 | 20567 | 0 | -67.6 | 21.3 | 0 | 97 | 92 | 20 | 050 | 20688 | 28 | -66.2 | | | | | | 050 | 20686 | 27 | -65.0 | | | 9 | 95 | 95 | 8 |
| 100 | 16562 | 0 | -81.2 | 14.3 | 0 | 72 | 93 | 6 | 100 | 16567 | 2 | -73.4 | | | | | | 100 | 16570 | 12 | -72.2 | | | 9 | 65 | 282 | 5 |
| 150 | 14215 | 0 | -67.4 | 15.2 | 0 | 53 | 254 | 4 | 150 | 14157 | 1 | -65.5 | | | | | | 150 | 14148 | 5 | -64.5 | | | 5 | 95 | 272 | 18 |
| 200 | 12425 | 0 | -53.4 | 18.1 | 1 | 37 | 310 | 3 | 200 | 12371 | 1 | -55.1 | 10.6 | | | | | 200 | 12354 | 5 | -54.9 | 14.5 | | 5 | 94 | 281 | 23 |
| 300 | 9686 | 0 | -31.1 | 22.1 | 1 | 65 | 82 | 4 | 300 | 9656 | 1 | -33.2 | 11.8 | | | | | 300 | 9646 | 5 | -34.0 | 13.1 | | 5 | 88 | 283 | 15 |
| 500 | 5859 | 0 | -5.7 | 14.9 | 0 | 44 | 68 | 2 | 500 | 5862 | 1 | -7.0 | 13.2 | | | | | 500 | 5862 | 5 | -7.7 | 13.4 | | 5 | 73 | 281 | 5 |
| 700 | 3144 | 0 | 9.5 | 11.6 | 0 | 58 | 253 | 3 | 700 | 3161 | 1 | 8.4 | 5.3 | | | | | 700 | 3165 | 5 | 8.4 | 6.1 | | 6 | 40 | 342 | 3 |
| 850 | 1509 | 0 | 17.0 | 4.6 | 0 | 60 | 238 | 3 | 850 | 1526 | 1 | 16.5 | 3.8 | | | | | 850 | 1523 | 14 | 15.7 | 3.1 | | 9 | 92 | 43 | 3 |
| 1011 | * 4 | | 27.8 | 5.0 | | | | | 880 | *1237 | | 16.4 | 1.5 | | | | | 851 | *1523 | | 15.6 | 2.0 | | | | | |
| AFRICA - SOUTH AFRICA UPINGTON 68424 NOV 2001 2825S 02116E OB 3 | | | | | | | | | AFRICA - SOUTH AFRICA BETHLEHEM 68461 NOV 2001 2825S 02833E OB | | | | | | | | | AFRICA - SOUTH AFRICA DE AAR 68538 NOV 2001 3065S 02400E OB 3 | | | | | | | | | |
| 030 | | | | | | | | | 030 | 23872 | 7 | -57.9 | | | | | | 030 | 23893 | 5 | -56.8 | | | | | | |
| 050 | 20548 | 2 | -68.4 | | | | | | 050 | 20698 | 6 | -64.3 | | | | | | 050 | 20707 | 1 | -63.3 | | | | | 220 | 4 |
| 100 | 16556 | 1 | -70.5 | | | | | | 100 | 16561 | 6 | -70.9 | | | | | | 100 | 16543 | 0 | -69.0 | | | | | 257 | 17 |
| 150 | 14105 | 1 | -61.8 | | | | | | 150 | 14122 | 5 | -62.9 | | | | | | 150 | 14076 | 0 | -61.2 | | | | | 271 | 24 |
| 200 | 12297 | 1 | -54.5 | 18.5 | 9 | 99 | 283 | 24 | 200 | 12323 | 5 | -55.1 | 12.3 | | | | | 200 | 12267 | 0 | -54.9 | 17.1 | | 9 | 98 | 269 | 29 |
| 300 | 9599 | 1 | -36.2 | 17.5 | 9 | 93 | 275 | 18 | 300 | 9620 | 5 | -34.8 | 9.9 | | | | | 300 | 9575 | 0 | -36.6 | 17.3 | | 9 | 99 | 275 | 25 |
| 500 | 5846 | 1 | -8.8 | 21.9 | 9 | 84 | 271 | 10 | 500 | 5848 | 5 | -8.3 | 15.7 | | | | | 500 | 5831 | 0 | -9.7 | 18.9 | | 9 | 93 | 268 | 14 |
| 700 | 3155 | 1 | 8.6 | 15.7 | 9 | 72 | 310 | 7 | 700 | 3158 | 5 | 7.3 | 6.5 | | | | | 700 | 3154 | 0 | 6.7 | 11.3 | | 8 | 78 | 293 | 6 |
| 850 | 1516 | 1 | 20.4 | 15.1 | 2 | 42 | 347 | 2 | 835 | *1687 | | 12.9 | .3 | | | | | 850 | 1521 | 0 | 20.7 | 16.0 | | 4 | 62 | 320 | 4 |
| 918 | * 839 | | 24.8 | 14.7 | | | | | | | | | | | | | | 873 | *1287 | | 25.0 | 16.4 | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 | % |
| AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 NOV 2001 2997S 03095E OB 3 | | | | | | | | | AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 NOV 2001 3397S 01860E OB 3 | | | | | | | | | AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 NOV 2001 3398S 02562E OB 3 | | | | | | | | | | | | | |
| 030 | 23891 | 14 | -58.1 | | 9 | 80 | 109 | 6 | 030 | 23896 | 15 | -58.1 | | 9 | 77 | 138 | 7 | 030 | 23870 | 6 | -58.1 | | | | | | | | | | |
| 050 | 20714 | 6 | -63.7 | | 9 | 55 | 172 | 3 | 050 | 20708 | 12 | -62.1 | | 9 | 59 | 239 | 4 | 050 | 20684 | 0 | -63.0 | | | | | | | | | | |
| 100 | 16559 | 1 | -70.2 | | 4 | 95 | 273 | 14 | 100 | 16476 | 8 | -66.2 | | 9 | 93 | 287 | 20 | 100 | 16472 | 0 | -66.8 | | | | | | | | | | |
| 150 | 14107 | 1 | -61.8 | | 3 | 94 | 273 | 23 | 150 | 13982 | 4 | -58.9 | | 5 | 95 | 285 | 28 | 150 | 13987 | 0 | -59.8 | | | | | | | | | | |
| 200 | 12306 | 1 | -55.5 | 13.3 | 4 | 93 | 278 | 27 | 200 | 12159 | 3 | -54.4 | 18.2 | 3 | 93 | 285 | 31 | 200 | 12172 | 0 | -55.1 | 16.1 | | | | | | | | | |
| 300 | 9610 | 0 | -35.5 | 13.0 | 5 | 91 | 277 | 20 | 300 | 9478 | 1 | -38.8 | 14.3 | 1 | 85 | 287 | 23 | 300 | 9490 | 0 | -37.7 | 16.5 | | | | | | | | | |
| 500 | 5851 | 0 | -8.7 | 15.6 | 2 | 81 | 282 | 10 | 500 | 5773 | 1 | -12.2 | 23.9 | 1 | 80 | 283 | 13 | 500 | 5773 | 0 | -11.5 | 24.0 | | | | | | | | | |
| 700 | 3165 | 0 | 6.9 | 5.9 | 1 | 57 | 284 | 5 | 700 | 3113 | 1 | 5.5 | 32.5 | 1 | 61 | 287 | 6 | 700 | 3114 | 0 | 4.3 | 16.4 | | | | | | | | | |
| 850 | 1540 | 0 | 15.3 | 6.2 | 2 | 17 | 311 | 2 | 850 | 1505 | 1 | 12.9 | 16.0 | 1 | 2 | 298 | 0 | 850 | 1510 | 0 | 11.9 | 6.7 | | | | | | | | | |
| 1015 | * 14 | | 20.7 | 2.0 | | | | | 1010 | * 46 | | 16.3 | 3.8 | | | | | 1008 | * 69 | | 16.6 | 1.7 | | | | | | | | | |
| AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 NOV 2001 4021S 00953W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 NOV 2001 7118N 15647W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 NOV 2001 6652N 16238W OB 3 | | | | | | | | | | | | | |
| 030 | 23970 | 10 | -54.9 | | 9 | 46 | 115 | 3 | 030 | 23260 | 1 | -59.8 | 12.0 | 1 | 95 | 262 | 24 | 030 | 23440 | 2 | -56.0 | 24.9 | 5 | 90 | 252 | 19 | | | | | |
| 050 | 20715 | 1 | -57.1 | | 3 | 77 | 265 | 6 | 050 | 20062 | 0 | -57.4 | 12.1 | 0 | 94 | 260 | 18 | 050 | 20182 | 2 | -54.5 | 25.4 | 3 | 91 | 248 | 13 | | | | | |
| 100 | 16355 | 0 | -59.0 | | 1 | 86 | 274 | 15 | 100 | 15660 | 0 | -55.1 | 11.5 | 0 | 90 | 260 | 11 | 100 | 15732 | 1 | -53.2 | 24.9 | 5 | 85 | 242 | 9 | | | | | |
| 150 | 13794 | 0 | -55.0 | | 1 | 86 | 271 | 22 | 150 | 13073 | 0 | -55.6 | 10.6 | 0 | 78 | 263 | 8 | 150 | 13112 | 0 | -53.6 | 22.8 | 4 | 76 | 235 | 6 | | | | | |
| 200 | 11949 | 0 | -54.1 | 18.0 | 1 | 83 | 268 | 27 | 200 | 11248 | 0 | -57.7 | 9.6 | 0 | 54 | 273 | 5 | 200 | 11269 | 0 | -55.3 | 17.6 | 4 | 31 | 217 | 3 | | | | | |
| 300 | 9306 | 0 | -43.4 | 8.9 | 0 | 81 | 282 | 24 | 300 | 8690 | 0 | -55.0 | 8.9 | 0 | 14 | 325 | 2 | 300 | 8688 | 0 | -53.2 | 10.9 | 3 | 13 | 96 | 2 | | | | | |
| 500 | 5672 | 0 | -17.2 | 13.1 | 0 | 85 | 285 | 16 | 500 | 5269 | 0 | -32.6 | 11.0 | 1 | 23 | 114 | 3 | 500 | 5248 | 0 | -31.5 | 15.6 | 2 | 22 | 93 | 3 | | | | | |
| 700 | 3068 | 0 | -1.4 | 13.1 | 1 | 77 | 290 | 10 | 700 | 2822 | 0 | -17.5 | 9.5 | 3 | 56 | 104 | 5 | 700 | 2794 | 0 | -16.8 | 12.6 | 1 | 36 | 98 | 3 | | | | | |
| 850 | 1497 | 0 | 5.5 | 6.0 | 1 | 73 | 285 | 8 | 850 | 1351 | 0 | -12.2 | 7.1 | 4 | 64 | 100 | 5 | 850 | 1319 | 0 | -11.5 | 10.0 | 0 | 46 | 105 | 4 | | | | | |
| 1012 | * 54 | | 11.6 | 2.6 | | | | | 1013 | * 4 | | -17.0 | 2.1 | | | | | 1008 | * 5 | | -12.9 | 3.4 | | | | | | | | | |
| N AMERICA - USA (ALASKA) NOME 70200 NOV 2001 6430N 16526W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 NOV 2001 6110N 15001W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) COLD BAY 70316 NOV 2001 5512N 16243W OB 3 | | | | | | | | | | | | | |
| 030 | 23496 | 1 | -54.5 | 25.5 | 1 | 87 | 254 | 15 | 030 | 23568 | 0 | -53.5 | 24.0 | 0 | 79 | 264 | 10 | 030 | 23627 | 1 | -52.7 | 23.0 | 1 | 63 | 264 | 7 | | | | | |
| 050 | 20221 | 0 | -54.1 | 25.7 | 1 | 84 | 249 | 11 | 050 | 20279 | 0 | -53.2 | 23.9 | 0 | 84 | 254 | 9 | 050 | 20328 | 1 | -52.5 | 22.6 | 1 | 76 | 262 | 8 | | | | | |
| 100 | 15755 | 0 | -52.3 | 25.1 | 0 | 76 | 254 | 8 | 100 | 15798 | 0 | -51.6 | 23.8 | 0 | 76 | 248 | 7 | 100 | 15844 | 0 | -51.3 | 22.3 | 0 | 70 | 263 | 9 | | | | | |
| 150 | 13134 | 0 | -52.2 | 22.6 | 0 | 51 | 243 | 5 | 150 | 13166 | 0 | -51.2 | 21.6 | 0 | 58 | 243 | 6 | 150 | 13201 | 0 | -49.4 | 21.2 | 0 | 64 | 264 | 10 | | | | | |
| 200 | 11279 | 0 | -54.3 | 17.1 | 0 | 16 | 215 | 2 | 200 | 11297 | 0 | -51.7 | 17.1 | 0 | 36 | 228 | 4 | 200 | 11318 | 0 | -50.2 | 18.2 | 0 | 42 | 266 | 8 | | | | | |
| 300 | 8689 | 1 | -52.9 | 10.8 | 1 | 28 | 80 | 5 | 300 | 8685 | 0 | -52.9 | 9.0 | 0 | 35 | 125 | 5 | 300 | 8683 | 0 | -50.4 | 9.6 | 0 | 21 | 266 | 5 | | | | | |
| 500 | 5245 | 0 | -31.2 | 14.5 | 1 | 32 | 74 | 5 | 500 | 5248 | 0 | -31.8 | 9.3 | 0 | 55 | 141 | 6 | 500 | 5218 | 0 | -30.3 | 8.3 | 0 | 16 | 210 | 3 | | | | | |
| 700 | 2787 | 1 | -16.7 | 12.0 | 1 | 38 | 54 | 4 | 700 | 2788 | 0 | -15.1 | 6.2 | 1 | 69 | 141 | 6 | 700 | 2750 | 0 | -15.2 | 8.7 | 0 | 4 | 182 | 1 | | | | | |
| 850 | 1307 | 0 | -10.2 | 8.4 | 1 | 53 | 61 | 5 | 850 | 1292 | 0 | -5.1 | 5.5 | 1 | 61 | 116 | 4 | 850 | 1259 | 0 | -6.9 | 3.3 | 0 | 23 | 107 | 3 | | | | | |
| 1006 | * 7 | | -10.2 | 3.8 | | | | | 995 | * 40 | | -6.8 | 2.7 | | | | | 993 | * 31 | | 1.0 | 2.9 | | | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N AMERICA - USA (ALASKA) YAKUTAT 70361 NOV 2001 5931N 13940W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) SHEMYA AFB 70414 NOV 2001 5243N 17406E OB 3 | | | | | | | | | N AMERICA - USA KEY WEST/INT., FL. 72201 NOV 2001 2433N 08145W OB | | | | | | | | |
| 030 | 23602 | 4 | -54.4 | 22.5 | 4 | 79 | 279 | 9 | 030 | | | | | | | | | 030 | 23824 | 2 | -57.9 | 12.7 | 1 | 86 | 278 | 6 |
| 050 | 20322 | 3 | -53.9 | 22.1 | 3 | 76 | 259 | 9 | 050 | | | | | | | | | 050 | 20644 | 1 | -63.3 | 10.9 | 0 | 64 | 284 | 4 |
| 100 | 15848 | 2 | -51.5 | 21.6 | 3 | 75 | 248 | 9 | 100 | | | | | | | | | 100 | 16516 | 1 | -73.2 | 9.1 | 0 | 97 | 262 | 17 |
| 150 | 13212 | 1 | -51.2 | 19.7 | 2 | 67 | 246 | 8 | 150 | 13228 | | | | | | | | 150 | 14097 | 1 | -65.1 | 10.3 | 0 | 98 | 256 | 31 |
| 200 | 11331 | 0 | -50.7 | 15.7 | 2 | 52 | 233 | 7 | 200 | 11354 | 8 | -51.4 | | 9 | 85 | 264 | 23 | 200 | 12305 | 0 | -54.5 | 12.7 | 0 | 96 | 250 | 33 |
| 300 | 8709 | 0 | -52.2 | 8.5 | 0 | 43 | 190 | 8 | 300 | 8716 | 6 | -49.7 | | 8 | 70 | 265 | 21 | 300 | 9597 | 1 | -35.2 | 17.7 | 0 | 94 | 264 | 21 |
| 500 | 5275 | 0 | -32.0 | 5.4 | 0 | 43 | 161 | 5 | 500 | 5241 | 5 | -30.3 | 13.4 | 9 | 55 | 250 | 10 | 500 | 5837 | 1 | -8.6 | 28.7 | 0 | 75 | 274 | 7 |
| 700 | 2810 | 0 | -14.3 | 7.1 | 0 | 58 | 147 | 6 | 700 | 2769 | 5 | -14.7 | 9.0 | 8 | 51 | 260 | 7 | 700 | 3149 | 1 | 6.9 | 28.3 | 0 | 20 | 33 | 1 |
| 850 | 1309 | 0 | -4.8 | 4.3 | 0 | 63 | 135 | 6 | 850 | 1276 | 5 | -7.1 | 5.0 | 9 | 55 | 276 | 6 | 850 | 1536 | 1 | 12.7 | 5.4 | 0 | 61 | 75 | 4 |
| 1000 | * 9 | | -1.0 | 2.2 | | | | | 995 | * 31 | | 1.8 | 3.6 | | | | | 1017 | * 6 | | 22.0 | 2.8 | | | | |
| N AMERICA - USA SHREVEPORT/REG., LA. 72248 NOV 2001 3228N 09347W OB 2 | | | | | | | | | N AMERICA - USA NEWPORT, NC 72305 NOV 2001 3447N 07653W OB 2 | | | | | | | | | N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 NOV 2001 3615N 08634W OB 3 | | | | | | | | |
| 030 | 23696 | 4 | -61.2 | 19.1 | 4 | 92 | 278 | 6 | 030 | 23686 | 1 | -60.9 | 22.0 | 9 | | 272 | 8 | 030 | 23693 | 1 | -60.2 | 9.8 | 1 | 77 | 287 | 4 |
| 050 | 20563 | 3 | -65.5 | 16.4 | 4 | 77 | 278 | 5 | 050 | 20543 | 1 | -64.8 | 19.6 | 6 | 97 | 281 | 9 | 050 | 20544 | 1 | -64.0 | 9.0 | 3 | 88 | 285 | 7 |
| 100 | 16371 | 3 | -66.7 | 14.6 | 5 | 90 | 262 | 15 | 100 | 16345 | 1 | -66.7 | 16.6 | 3 | 97 | 275 | 19 | 100 | 16330 | 0 | -65.4 | 8.6 | 2 | 95 | 268 | 15 |
| 150 | 13892 | 3 | -61.6 | 13.9 | 4 | 89 | 255 | 22 | 150 | 13869 | 1 | -61.5 | 14.6 | 5 | 97 | 274 | 25 | 150 | 13844 | 0 | -61.7 | 8.9 | 2 | 92 | 265 | 21 |
| 200 | 12091 | 3 | -56.3 | 11.8 | 4 | 84 | 248 | 22 | 200 | 12074 | 1 | -58.0 | 11.2 | 4 | 92 | 269 | 26 | 200 | 12052 | 0 | -58.5 | 8.9 | 2 | 88 | 262 | 20 |
| 300 | 9443 | 3 | -41.4 | 9.2 | 4 | 83 | 244 | 17 | 300 | 9440 | 0 | -42.4 | 12.1 | 1 | 87 | 270 | 18 | 300 | 9424 | 0 | -42.9 | 9.6 | 2 | 74 | 264 | 12 |
| 500 | 5767 | 3 | -13.5 | 16.9 | 3 | 76 | 237 | 11 | 500 | 5781 | 0 | -14.4 | 21.4 | 1 | 80 | 279 | 10 | 500 | 5764 | 0 | -14.3 | 16.5 | 0 | 75 | 260 | 11 |
| 700 | 3127 | 3 | 2.5 | 13.1 | 4 | 61 | 237 | 6 | 700 | 3144 | 0 | 2.2 | 21.9 | 1 | 62 | 275 | 6 | 700 | 3129 | 0 | 1.8 | 16.5 | 0 | 65 | 251 | 8 |
| 850 | 1533 | 3 | 10.3 | 8.3 | 3 | 48 | 236 | 4 | 850 | 1557 | 0 | 8.8 | 12.7 | 1 | 28 | 254 | 2 | 850 | 1542 | 0 | 8.8 | 15.9 | 2 | 46 | 246 | 5 |
| 1010 | * 79 | | 11.2 | 1.7 | | | | | 1022 | * 11 | | 10.2 | 2.0 | | | | | 1001 | * 180 | | 8.0 | 3.5 | | | | |
| N AMERICA - USA STERLING, VA. 72403 NOV 2001 3859N 07728W OB 3 | | | | | | | | | N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 NOV 2001 4108N 10041W OB 3 | | | | | | | | | N AMERICA - USA MEDFORD/MEDFORD- JACKSON COU 72597 NOV 2001 4222N 12252W OB 3 | | | | | | | | |
| 030 | 23658 | 2 | -60.3 | 21.7 | 2 | 84 | 293 | 6 | 030 | 23705 | 1 | -60.5 | 21.7 | 1 | 68 | 305 | 4 | 030 | 23722 | 0 | -59.4 | 14.7 | 5 | 67 | 295 | 4 |
| 050 | 20511 | 2 | -63.8 | 19.6 | 2 | 91 | 287 | 8 | 050 | 20536 | 0 | -62.2 | 20.0 | 0 | 83 | 288 | 7 | 050 | 20535 | 0 | -60.5 | 14.0 | 5 | 85 | 259 | 9 |
| 100 | 16277 | 2 | -64.6 | 17.2 | 2 | 96 | 277 | 16 | 100 | 16261 | 0 | -62.0 | 18.0 | 1 | 88 | 272 | 11 | 100 | 16223 | 1 | -60.2 | 13.6 | 9 | 90 | 252 | 15 |
| 150 | 13780 | 2 | -61.4 | 13.9 | 2 | 94 | 276 | 20 | 150 | 13729 | 0 | -58.0 | 16.3 | 1 | 83 | 269 | 14 | 150 | 13688 | 1 | -59.2 | 12.8 | 8 | 86 | 259 | 21 |
| 200 | 11991 | 2 | -59.3 | 10.2 | 2 | 85 | 273 | 21 | 200 | 11913 | 0 | -56.5 | 12.8 | 0 | 68 | 260 | 12 | 200 | 11880 | 0 | -57.7 | 11.8 | 7 | 82 | 257 | 24 |
| 300 | 9373 | 2 | -43.3 | 10.4 | 2 | 78 | 279 | 18 | 300 | 9289 | 0 | -44.8 | 10.9 | 0 | 63 | 257 | 11 | 300 | 9251 | 0 | -43.4 | 10.3 | 2 | 76 | 265 | 23 |
| 500 | 5726 | 1 | -15.9 | 14.4 | 2 | 81 | 277 | 15 | 500 | 5669 | 0 | -17.3 | 15.6 | 0 | 64 | 266 | 8 | 500 | 5625 | 0 | -18.2 | 15.5 | 0 | 76 | 248 | 15 |
| 700 | 3108 | 1 | -1 | 18.7 | 2 | 76 | 275 | 11 | 700 | 3061 | 0 | -4 | 18.2 | 0 | 48 | 278 | 4 | 700 | 3034 | 0 | -3.3 | 12.7 | 0 | 82 | 238 | 11 |
| 850 | 1535 | 1 | 6.1 | 13.4 | 3 | 58 | 274 | 6 | 850 | 1486 | 0 | 6.3 | 11.9 | 2 | 45 | 285 | 5 | 850 | 1476 | 0 | 4.5 | 6.4 | 0 | 72 | 198 | 5 |
| 1013 | * 98 | | 4.2 | 1.9 | | | | | 919 | * 849 | | -2.1 | 1.0 | | | | | 970 | * 405 | | 5.8 | 2.6 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N AMERICA - USA CHANHASSEN, MN 72649 NOV 2001 4451N 09334W OB 2 | | | | | | | | | N AMERICA - USA INT. FALLS/FALLS INT.MN. 72747 NOV 2001 4834N 09323W OB 3 | | | | | | | | | N AMERICA - USA BISMARCK/MUN., ND. 72764 NOV 2001 4646N 10045W OB 3 | | | | | | | | |
| 030 | 23660 | 2 | -60.6 | 21.4 | 2 | 79 | 308 | 6 | 030 | 23623 | 3 | -60.7 | 20.9 | 3 | 83 | 296 | 8 | 030 | 23632 | 3 | -60.6 | 12.2 | 5 | 85 | 304 | 7 |
| 050 | 20490 | 2 | -61.6 | 20.4 | 2 | 84 | 286 | 8 | 050 | 20453 | 1 | -60.7 | 20.3 | 1 | 86 | 288 | 10 | 050 | 20458 | 2 | -61.0 | 12.2 | 5 | 89 | 289 | 9 |
| 100 | 16195 | 1 | -60.7 | 18.6 | 1 | 90 | 278 | 15 | 100 | 16124 | 1 | -58.8 | 18.2 | 1 | 89 | 279 | 18 | 100 | 16155 | 1 | -60.2 | 11.9 | 4 | 90 | 271 | 15 |
| 150 | 13655 | 1 | -58.0 | 15.6 | 1 | 85 | 273 | 20 | 150 | 13563 | 1 | -56.7 | 14.7 | 1 | 86 | 275 | 21 | 150 | 13615 | 1 | -58.1 | 11.8 | 4 | 89 | 269 | 18 |
| 200 | 11843 | 1 | -57.5 | 11.6 | 1 | 77 | 269 | 23 | 200 | 11741 | 1 | -56.7 | 10.6 | 1 | 82 | 278 | 23 | 200 | 11805 | 1 | -58.6 | 10.1 | 3 | 84 | 271 | 20 |
| 300 | 9230 | 1 | -45.1 | 10.3 | 1 | 74 | 264 | 23 | 300 | 9132 | 1 | -46.8 | 7.5 | 1 | 77 | 283 | 20 | 300 | 9205 | 1 | -46.4 | 9.9 | 3 | 67 | 280 | 15 |
| 500 | 5618 | 1 | -18.6 | 16.9 | 1 | 75 | 274 | 15 | 500 | 5555 | 0 | -20.2 | 8.6 | 0 | 81 | 286 | 15 | 500 | 5607 | 1 | -19.1 | 11.1 | 2 | 81 | 283 | 12 |
| 700 | 3029 | 1 | -2.6 | 14.0 | 1 | 73 | 277 | 11 | 700 | 2983 | 0 | -5.4 | 9.5 | 0 | 70 | 290 | 10 | 700 | 3017 | 0 | -3.3 | 12.8 | 1 | 72 | 287 | 8 |
| 850 | 1465 | 1 | 5.0 | 11.5 | 1 | 63 | 277 | 7 | 850 | 1439 | 0 | .6 | 8.2 | 0 | 45 | 289 | 6 | 850 | 1460 | 0 | 4.0 | 12.3 | 1 | 42 | 305 | 4 |
| 981 | * 287 | | 4.2 | 2.3 | | | | | 972 | * 361 | | .0 | 1.7 | | | | | 956 | * 506 | | -1.9 | 2.9 | | | | |
| N AMERICA - USA GREAT FALLS, MT 72649 NOV 2001 4451N 09334W OB 2 | | | | | | | | | N AMERICA - USA SPOKANE, WA 72747 NOV 2001 4834N 09323W OB 3 | | | | | | | | | N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 NOV 2001 6517N 12645W OB 3 | | | | | | | | |
| 030 | 23639 | 2 | -59.5 | 11.1 | 2 | 84 | 309 | 6 | 030 | 23665 | 0 | -58.9 | 15.9 | 0 | 79 | 287 | 7 | 030 | 23481 | 2 | -56.7 | 30.3 | 5 | 86 | 287 | 18 |
| 050 | 20452 | 0 | -60.5 | 10.5 | 0 | 90 | 280 | 9 | 050 | 20464 | 0 | -59.4 | 15.3 | 0 | 87 | 268 | 10 | 050 | 20228 | 1 | -55.6 | 30.5 | 5 | 76 | 286 | 13 |
| 100 | 16132 | 1 | -59.5 | 10.6 | 0 | 94 | 270 | 15 | 100 | 16124 | 0 | -58.5 | 14.9 | 1 | 93 | 261 | 16 | 100 | 15781 | 1 | -53.1 | 29.9 | 5 | 72 | 277 | 11 |
| 150 | 13584 | 0 | -58.0 | 9.7 | 0 | 92 | 266 | 20 | 150 | 13567 | 0 | -56.7 | 13.9 | 1 | 90 | 259 | 20 | 150 | 13164 | 1 | -52.3 | 28.0 | 5 | 61 | 276 | 9 |
| 200 | 11778 | 0 | -59.2 | 8.4 | 0 | 83 | 273 | 21 | 200 | 11748 | 0 | -57.5 | 12.5 | 0 | 85 | 259 | 25 | 200 | 11303 | 1 | -52.9 | 20.7 | 5 | 55 | 278 | 8 |
| 300 | 9180 | 0 | -47.0 | 7.8 | 0 | 78 | 263 | 19 | 300 | 9140 | 0 | -46.8 | 10.2 | 0 | 80 | 247 | 23 | 300 | 8710 | 1 | -54.6 | 8.9 | 5 | 38 | 279 | 7 |
| 500 | 5597 | 0 | -20.2 | 11.7 | 0 | 87 | 264 | 14 | 500 | 5571 | 0 | -21.4 | 13.4 | 0 | 86 | 244 | 16 | 500 | 5284 | 1 | -32.5 | 11.0 | 5 | 23 | 290 | 3 |
| 700 | 3022 | 0 | -4.0 | 10.6 | 0 | 89 | 271 | 10 | 700 | 3009 | 0 | -5.8 | 11.0 | 1 | 86 | 235 | 10 | 700 | 2835 | 1 | -17.2 | 10.0 | 5 | 7 | 301 | 1 |
| 850 | 1464 | 0 | 5.0 | 11.0 | 0 | 81 | 232 | 9 | 850 | 1464 | 0 | 2.7 | 6.2 | 4 | 74 | 208 | 7 | 850 | 1359 | 1 | -10.9 | 6.0 | 5 | 32 | 174 | 3 |
| 885 | *1131 | | 3.8 | 9.6 | | | | | 931 | * 728 | | 2.7 | 1.9 | | | | | 1006 | * 95 | | -16.8 | 3.1 | | | | |
| N AMERICA - CANADA HALL BEACH UA, N.W.T. 71081 NOV 2001 6846N 08113W OB 3 | | | | | | | | | N AMERICA - CANADA ALERT UA, N.W.T. 71082 NOV 2001 8230N 06220W OB 3 | | | | | | | | | N AMERICA - CANADA PORT HARDY UA, B.C. 71109 NOV 2001 5041N 12722W OB 3 | | | | | | | | |
| 030 | 23131 | 0 | -62.6 | 29.1 | 4 | 93 | 290 | 23 | 030 | 22608 | 4 | -70.6 | 23.5 | 7 | 78 | 300 | 14 | 030 | 23720 | 4 | -56.5 | 25.5 | 5 | 72 | 261 | 8 |
| 050 | 19955 | 0 | -58.9 | 30.4 | 4 | 93 | 287 | 20 | 050 | 19552 | 1 | -67.7 | 24.2 | 2 | 66 | 296 | 10 | 050 | 20468 | 2 | -56.3 | 24.3 | 5 | 78 | 255 | 10 |
| 100 | 15559 | 0 | -53.8 | 31.6 | 3 | 82 | 287 | 15 | 100 | 15315 | 1 | -60.9 | 24.1 | 4 | 50 | 286 | 6 | 100 | 16054 | 2 | -54.7 | 24.3 | 3 | 87 | 247 | 16 |
| 150 | 12941 | 0 | -51.6 | 31.0 | 3 | 81 | 290 | 14 | 150 | 12771 | 1 | -57.3 | 20.8 | 2 | 40 | 283 | 4 | 150 | 13449 | 2 | -52.2 | 23.2 | 4 | 87 | 250 | 21 |
| 200 | 11071 | 0 | -51.1 | 28.6 | 3 | 67 | 299 | 11 | 200 | 10949 | 1 | -56.7 | 15.0 | 2 | 20 | 278 | 2 | 200 | 11593 | 2 | -53.4 | 18.3 | 4 | 86 | 245 | 27 |
| 300 | 8445 | 0 | -54.0 | 13.1 | 4 | 58 | 311 | 11 | 300 | 8400 | 1 | -59.3 | 6.4 | 2 | 7 | 343 | 1 | 300 | 8986 | 1 | -48.4 | 9.6 | 4 | 82 | 237 | 29 |
| 500 | 5083 | 0 | -38.7 | 11.2 | 3 | 49 | 324 | 9 | 500 | 5069 | 1 | -39.9 | 7.7 | 3 | 7 | 36 | 1 | 500 | 5450 | 1 | -24.8 | 10.8 | 3 | 84 | 228 | 20 |
| 700 | 2701 | 0 | -24.5 | 10.3 | 2 | 44 | 349 | 7 | 700 | 2702 | 1 | -26.7 | 7.4 | 2 | 22 | 64 | 3 | 700 | 2923 | 1 | -9.1 | 7.1 | 2 | 79 | 212 | 13 |
| 850 | 1270 | 0 | -18.5 | 8.0 | 1 | 42 | 359 | 6 | 850 | 1287 | 1 | -22.6 | 4.8 | 2 | 21 | 3 | 2 | 850 | 1395 | 1 | -.8 | 4.2 | 2 | 78 | 187 | 10 |
| 1007 | * 6 | | -21.9 | 4.5 | | | | | 1009 | * 65 | | -25.3 | 3.7 | | | | | 1006 | * 17 | | 5.7 | 1.9 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 NOV 2001 5332N 11406W OB 3 | | | | | | | | | N AMERICA - CANADA SABLE ISLAND, N.S. 71600 NOV 2001 4356N 06001W OB 3 | | | | | | | | | N AMERICA - CANADA YARMOUTH, N.S. 71603 NOV 2001 4352N 06606W OB 3 | | | | | | | | |
| 030 | 23657 | 0 | -57.7 | 27.1 | 0 | 85 | 286 | 11 | 030 | 23611 | 1 | -61.1 | 25.0 | 0 | 75 | 278 | 7 | 030 | 23648 | 1 | -60.2 | 27.6 | 2 | 80 | 283 | 7 |
| 050 | 20430 | 0 | -57.2 | 27.0 | 0 | 90 | 278 | 12 | 050 | 20450 | 1 | -62.4 | 23.4 | 1 | 87 | 272 | 8 | 050 | 20473 | 1 | -61.3 | 26.8 | 1 | 88 | 281 | 9 |
| 100 | 16041 | 0 | -55.4 | 25.6 | 0 | 92 | 261 | 16 | 100 | 16163 | 1 | -61.0 | 21.8 | 0 | 87 | 264 | 15 | 100 | 16174 | 1 | -60.6 | 25.3 | 2 | 89 | 274 | 16 |
| 150 | 13445 | 0 | -54.6 | 20.0 | 1 | 94 | 261 | 22 | 150 | 13627 | 1 | -58.2 | 18.8 | 1 | 85 | 266 | 20 | 150 | 13630 | 1 | -57.6 | 21.0 | 2 | 89 | 271 | 21 |
| 200 | 11610 | 0 | -56.2 | 13.4 | 0 | 92 | 259 | 26 | 200 | 11809 | 1 | -56.6 | 14.2 | 1 | 77 | 274 | 22 | 200 | 11812 | 2 | -56.7 | 16.1 | 2 | 86 | 279 | 26 |
| 300 | 9017 | 0 | -49.5 | 7.6 | 1 | 87 | 258 | 26 | 300 | 9191 | 1 | -45.4 | 9.5 | 1 | 70 | 270 | 22 | 300 | 9192 | 1 | -45.2 | 11.3 | 1 | 80 | 278 | 25 |
| 500 | 5482 | 0 | -24.5 | 7.7 | 1 | 86 | 261 | 16 | 500 | 5589 | 1 | -19.6 | 13.8 | 0 | 72 | 267 | 16 | 500 | 5588 | 0 | -19.8 | 13.6 | 1 | 80 | 279 | 19 |
| 700 | 2951 | 0 | -8.6 | 5.8 | 0 | 73 | 261 | 8 | 700 | 3016 | 1 | -5.4 | 15.6 | 0 | 76 | 269 | 12 | 700 | 3015 | 0 | -5.1 | 14.1 | 1 | 82 | 279 | 14 |
| 850 | 1417 | 0 | .2 | 10.7 | 0 | 41 | 251 | 4 | 850 | 1477 | 1 | -.5 | 6.9 | 0 | 68 | 269 | 8 | 850 | 1474 | 0 | .2 | 7.5 | 1 | 75 | 273 | 9 |
| 922 | * 766 | | -2.8 | 3.5 | | | | | 1019 | * 4 | | 7.7 | 4.0 | | | | | 1015 | * 9 | | 5.0 | 2.0 | | | | |
| N AMERICA - CANADA MANIWAKI, QUE. 71722 NOV 2001 4623N 07558W OB 3 | | | | | | | | | N AMERICA - CANADA ST. JOHN'S UA, NFLD 71801 NOV 2001 4737N 05245W OB 3 | | | | | | | | | N AMERICA - CANADA SEPT-ILES UA, QUE. 71811 NOV 2001 5013N 06615W OB 3 | | | | | | | | |
| 030 | 23636 | 3 | -59.7 | 28.7 | 2 | 79 | 292 | 7 | 030 | 23592 | 1 | -61.9 | 26.3 | 3 | 78 | 268 | 7 | 030 | 23573 | 1 | -60.7 | 24.7 | 3 | 90 | 285 | 11 |
| 050 | 20457 | 3 | -61.1 | 28.0 | 4 | 90 | 286 | 10 | 050 | 20433 | 1 | -61.6 | 26.3 | 3 | 81 | 255 | 8 | 050 | 20390 | 1 | -60.2 | 25.2 | 2 | 90 | 276 | 12 |
| 100 | 16139 | 1 | -59.5 | 26.8 | 2 | 91 | 280 | 18 | 100 | 16119 | 0 | -60.1 | 25.6 | 0 | 87 | 249 | 14 | 100 | 16040 | 0 | -57.1 | 26.2 | 2 | 91 | 276 | 18 |
| 150 | 13583 | 1 | -56.7 | 23.3 | 1 | 88 | 281 | 22 | 150 | 13570 | 0 | -56.8 | 23.8 | 1 | 88 | 245 | 19 | 150 | 13457 | 0 | -53.7 | 24.9 | 1 | 87 | 273 | 21 |
| 200 | 11762 | 1 | -56.7 | 17.0 | 2 | 85 | 280 | 29 | 200 | 11738 | 0 | -55.2 | 17.3 | 1 | 77 | 241 | 20 | 200 | 11604 | 0 | -52.9 | 21.7 | 2 | 84 | 274 | 25 |
| 300 | 9141 | 1 | -45.4 | 13.1 | 1 | 80 | 284 | 29 | 300 | 9118 | 0 | -46.4 | 10.2 | 0 | 70 | 241 | 21 | 300 | 8972 | 0 | -47.9 | 12.1 | 3 | 75 | 274 | 24 |
| 500 | 5554 | 1 | -21.0 | 15.1 | 1 | 81 | 281 | 21 | 500 | 5540 | 0 | -21.2 | 12.8 | 0 | 75 | 245 | 15 | 500 | 5436 | 0 | -25.1 | 12.0 | 1 | 79 | 278 | 17 |
| 700 | 2995 | 1 | -6.9 | 12.6 | 1 | 79 | 277 | 13 | 700 | 2982 | 0 | -7.2 | 15.5 | 0 | 71 | 248 | 10 | 700 | 2918 | 0 | -11.4 | 10.6 | 1 | 70 | 281 | 10 |
| 850 | 1462 | 1 | -1.1 | 7.8 | 1 | 67 | 273 | 9 | 850 | 1451 | 0 | -1.3 | 9.8 | 0 | 69 | 250 | 8 | 850 | 1411 | 0 | -5.5 | 5.4 | 1 | 49 | 285 | 6 |
| 996 | * 173 | | 1.8 | 1.2 | | | | | 1001 | * 140 | | 2.6 | 2.6 | | | | | 1010 | * 53 | | -2.2 | 2.8 | | | | |
| N AMERICA - CANADA STEPHENVILLE UA, NFLD 71815 NOV 2001 4834N 05834W OB 3 | | | | | | | | | N AMERICA - CANADA GOOSE UA, NFLD. 71816 NOV 2001 5318N 06022W OB 3 | | | | | | | | | N AMERICA - CANADA LA GRANDE IV, QUE. 71823 NOV 2001 5345N 07340W OB 3 | | | | | | | | |
| 030 | 23574 | 0 | -62.0 | 26.2 | 0 | 83 | 276 | 9 | 030 | 23526 | 0 | -61.3 | 22.5 | 0 | 91 | 281 | 14 | 030 | 23523 | 3 | -60.3 | 22.2 | 2 | 90 | 289 | 13 |
| 050 | 20408 | 0 | -60.9 | 26.5 | 1 | 88 | 263 | 9 | 050 | 20346 | 0 | -59.6 | 23.5 | 0 | 91 | 273 | 13 | 050 | 20335 | 2 | -59.2 | 23.8 | 2 | 93 | 280 | 14 |
| 100 | 16078 | 0 | -58.4 | 27.3 | 0 | 86 | 260 | 15 | 100 | 15974 | 0 | -55.7 | 25.1 | 0 | 90 | 264 | 17 | 100 | 15955 | 2 | -55.4 | 24.0 | 1 | 94 | 278 | 20 |
| 150 | 13512 | 0 | -55.3 | 25.5 | 0 | 82 | 255 | 20 | 150 | 13373 | 0 | -52.7 | 24.6 | 0 | 85 | 260 | 20 | 150 | 13353 | 2 | -52.9 | 22.1 | 1 | 91 | 280 | 23 |
| 200 | 11672 | 0 | -54.4 | 20.4 | 1 | 75 | 254 | 21 | 200 | 11515 | 0 | -52.5 | 20.7 | 0 | 78 | 257 | 22 | 200 | 11496 | 2 | -52.6 | 18.1 | 1 | 88 | 278 | 26 |
| 300 | 9048 | 0 | -47.3 | 10.6 | 0 | 68 | 258 | 22 | 300 | 8882 | 0 | -48.6 | 10.5 | 1 | 72 | 260 | 23 | 300 | 8867 | 0 | -49.5 | 10.7 | 0 | 83 | 283 | 27 |
| 500 | 5486 | 0 | -22.9 | 12.9 | 0 | 72 | 257 | 17 | 500 | 5370 | 0 | -26.6 | 7.3 | 0 | 72 | 259 | 16 | 500 | 5370 | 0 | -28.2 | 8.9 | 0 | 82 | 284 | 18 |
| 700 | 2948 | 0 | -8.9 | 13.3 | 0 | 74 | 252 | 12 | 700 | 2871 | 0 | -13.4 | 5.4 | 0 | 70 | 275 | 10 | 700 | 2887 | 0 | -14.6 | 8.9 | 0 | 82 | 284 | 11 |
| 850 | 1429 | 0 | -3.7 | 7.9 | 0 | 64 | 255 | 8 | 850 | 1377 | 0 | -7.7 | 5.5 | 0 | 54 | 284 | 7 | 850 | 1400 | 0 | -9.8 | 2.5 | 0 | 70 | 281 | 8 |
| 1013 | * 60 | | 2.4 | 2.9 | | | | | 1007 | * 36 | | -3.6 | 2.7 | | | | | 979 | * 307 | | -5.1 | 1.6 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N AMERICA - CANADA MOOSONEE, ONT. 71836 NOV 2001 5116N 08039W OB 3 | | | | | | | | | N AMERICA - CANADA PICKLE LAKE, ONT. 71845 NOV 2001 5127N 09012W OB 2 | | | | | | | | | N AMERICA - CANADA THE PASS UA, MAN 71867 NOV 2001 5358N 10106W OB 3 | | | | | | | | |
| 030 | 23583 | 0 | -59.7 | 27.0 | 7 | 90 | 295 | 12 | 030 | 23623 | 1 | -59.2 | 27.6 | 1 | 90 | 297 | 11 | 030 | 23614 | 1 | -58.3 | 26.2 | 6 | 90 | 295 | 12 |
| 050 | 20392 | 0 | -59.3 | 26.6 | 7 | 87 | 293 | 13 | 050 | 20425 | 1 | -59.1 | 27.6 | 1 | 91 | 289 | 12 | 050 | 20407 | 1 | -58.1 | 25.4 | 6 | 94 | 282 | 13 |
| 100 | 16031 | 0 | -57.0 | 25.3 | 9 | 92 | 285 | 20 | 100 | 16065 | 1 | -57.1 | 27.3 | 1 | 90 | 283 | 19 | 100 | 16027 | 1 | -56.2 | 23.5 | 5 | 92 | 279 | 18 |
| 150 | 13447 | 0 | -54.3 | 22.5 | 7 | 89 | 286 | 24 | 150 | 13484 | 1 | -54.6 | 23.4 | 1 | 88 | 282 | 23 | 150 | 13441 | 1 | -55.0 | 19.8 | 5 | 92 | 276 | 22 |
| 200 | 11596 | 0 | -54.7 | 15.1 | 7 | 84 | 282 | 27 | 200 | 11629 | 3 | -55.1 | 15.5 | 3 | 84 | 282 | 26 | 200 | 11607 | 1 | -56.1 | 12.7 | 5 | 90 | 275 | 27 |
| 300 | 8985 | 1 | -48.3 | 8.0 | 7 | 81 | 282 | 28 | 300 | 9044 | 0 | -47.8 | 8.1 | 1 | 81 | 289 | 27 | 300 | 9012 | 1 | -49.3 | 7.6 | 7 | 83 | 273 | 26 |
| 500 | 5451 | 0 | -24.4 | 8.9 | 6 | 80 | 286 | 18 | 500 | 5486 | 0 | -23.0 | 12.4 | 0 | 81 | 290 | 17 | 500 | 5475 | 1 | -24.0 | 10.3 | 5 | 83 | 278 | 18 |
| 700 | 2928 | 0 | -10.7 | 13.3 | 5 | 83 | 283 | 11 | 700 | 2944 | 0 | -8.4 | 13.3 | 0 | 67 | 294 | 9 | 700 | 2946 | 1 | -9.8 | 9.4 | 5 | 72 | 283 | 8 |
| 850 | 1417 | 0 | -5.3 | 6.5 | 5 | 60 | 281 | 7 | 850 | 1421 | 0 | -4.3 | 6.6 | 1 | 34 | 302 | 4 | 850 | 1426 | 1 | -3.1 | 10.5 | 5 | 40 | 279 | 4 |
| 1016 | * 10 | | -1.4 | 1.9 | | | | | 969 | * 389 | | -3.0 | 1.9 | | | | | 983 | * 274 | | -3.3 | 2.1 | | | | |
| N AMERICA - CANADA KUUJUAQ, UA, QUE. 71906 NOV 2001 5807N 06825W OB 3 | | | | | | | | | N AMERICA - CANADA INUKJUAQ, QUE 71907 NOV 2001 5827N 07807W OB 3 | | | | | | | | | N AMERICA - CANADA IQALUIT, N.W.T. 71909 NOV 2001 6345N 06833W OB 3 | | | | | | | | |
| 030 | 23470 | 13 | -61.3 | 26.7 | | 91 | 285 | 18 | 030 | 23442 | 1 | -60.0 | 25.2 | 2 | 93 | 289 | 18 | 030 | 23270 | 3 | -61.9 | 28.8 | 6 | 93 | 283 | 21 |
| 050 | 20258 | 10 | -58.4 | 26.7 | 9 | 94 | 277 | 17 | 050 | 20243 | 1 | -58.3 | 25.7 | 1 | 94 | 283 | 16 | 050 | 20072 | 0 | -59.0 | 28.8 | 5 | 92 | 278 | 20 |
| 100 | 15835 | 6 | -53.2 | 28.8 | 6 | 93 | 267 | 19 | 100 | 15829 | 1 | -53.5 | 27.0 | 2 | 94 | 281 | 20 | 100 | 15667 | 0 | -53.4 | 29.8 | 4 | 90 | 271 | 18 |
| 150 | 13212 | 4 | -51.1 | 27.0 | 7 | 90 | 269 | 20 | 150 | 13210 | 0 | -51.4 | 26.4 | 0 | 93 | 282 | 22 | 150 | 13040 | 0 | -50.4 | 29.8 | 4 | 87 | 267 | 19 |
| 200 | 11338 | 4 | -50.6 | 22.4 | 6 | 86 | 265 | 21 | 200 | 11340 | 0 | -51.3 | 22.4 | 1 | 92 | 284 | 24 | 200 | 11162 | 0 | -50.1 | 25.6 | 3 | 84 | 266 | 18 |
| 300 | 8705 | 3 | -51.5 | 10.6 | 6 | 77 | 272 | 22 | 300 | 8714 | 0 | -50.8 | 11.6 | 0 | 87 | 283 | 26 | 300 | 8528 | 0 | -52.8 | 12.4 | 3 | 70 | 261 | 16 |
| 500 | 5262 | 1 | -31.9 | 10.0 | 5 | 81 | 279 | 18 | 500 | 5266 | 0 | -31.9 | 9.1 | 0 | 85 | 285 | 18 | 500 | 5130 | 0 | -36.3 | 8.4 | 3 | 70 | 267 | 13 |
| 700 | 2815 | 0 | -19.1 | 8.6 | 3 | 80 | 284 | 11 | 700 | 2819 | 0 | -18.3 | 8.3 | 0 | 83 | 285 | 11 | 700 | 2726 | 0 | -22.8 | 9.5 | 4 | 62 | 276 | 8 |
| 850 | 1351 | 0 | -13.0 | 3.8 | 4 | 73 | 285 | 9 | 850 | 1352 | 0 | -12.8 | 3.4 | 0 | 72 | 280 | 8 | 850 | 1282 | 0 | -15.7 | 5.3 | 4 | 54 | 292 | 6 |
| 1007 | * 60 | | -6.9 | 2.8 | | | | | 1009 | * 6 | | -4.3 | 2.7 | | | | | 1002 | * 34 | | -13.2 | 3.2 | | | | |
| N AMERICA - CANADA CHURCHILL UA, MAN. 71913 NOV 2001 5844N 09405W OB 3 | | | | | | | | | N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 NOV 2001 6412N 08322W OB 3 | | | | | | | | | N AMERICA - CANADA EUREKA UA, N.W.T. 71917 NOV 2001 7959N 08556W OB 3 | | | | | | | | |
| 030 | 23519 | 1 | -58.5 | 26.1 | 3 | 92 | 300 | 16 | 030 | 23307 | 3 | -60.8 | 26.4 | 3 | 95 | 291 | 23 | 030 | 22777 | 5 | -67.8 | 20.9 | 7 | 71 | 300 | 18 |
| 050 | 20303 | 1 | -57.6 | 26.4 | 3 | 95 | 292 | 16 | 050 | 20112 | 2 | -57.6 | 27.4 | 2 | 94 | 288 | 20 | 050 | 19670 | 1 | -65.1 | 21.2 | 5 | 62 | 296 | 13 |
| 100 | 15888 | 1 | -54.3 | 26.5 | 2 | 94 | 288 | 21 | 100 | 15689 | 1 | -53.2 | 28.4 | 1 | 93 | 286 | 20 | 100 | 15388 | 1 | -59.2 | 22.3 | 4 | 40 | 303 | 7 |
| 150 | 13278 | 1 | -52.7 | 25.7 | 2 | 93 | 286 | 24 | 150 | 13062 | 1 | -50.5 | 28.0 | 1 | 93 | 287 | 19 | 150 | 12833 | 0 | -56.0 | 20.9 | 3 | 35 | 310 | 5 |
| 200 | 11418 | 1 | -52.9 | 19.9 | 2 | 91 | 288 | 27 | 200 | 11186 | 1 | -50.6 | 24.3 | 1 | 92 | 286 | 21 | 200 | 11002 | 0 | -56.2 | 15.5 | 3 | 33 | 339 | 5 |
| 300 | 8812 | 1 | -51.8 | 9.4 | 2 | 87 | 289 | 29 | 300 | 8559 | 1 | -52.7 | 12.0 | 2 | 84 | 294 | 20 | 300 | 8445 | 0 | -58.3 | 6.8 | 2 | 53 | 8 | 9 |
| 500 | 5346 | 1 | -29.9 | 10.2 | 1 | 89 | 294 | 19 | 500 | 5164 | 1 | -36.1 | 8.2 | 1 | 80 | 297 | 14 | 500 | 5103 | 0 | -39.1 | 8.1 | 3 | 49 | 11 | 8 |
| 700 | 2874 | 1 | -15.6 | 10.6 | 2 | 86 | 295 | 11 | 700 | 2754 | 1 | -21.9 | 7.6 | 2 | 69 | 292 | 8 | 700 | 2726 | 0 | -25.0 | 6.8 | 2 | 55 | 18 | 7 |
| 850 | 1393 | 1 | -10.8 | 9.3 | 2 | 67 | 306 | 7 | 850 | 1307 | 1 | -16.1 | 7.3 | 1 | 59 | 293 | 6 | 850 | 1297 | 0 | -19.8 | 6.5 | 2 | 58 | 25 | 7 |
| 1015 | * 29 | | -11.8 | 2.3 | | | | | 1003 | * 57 | | -16.5 | 3.9 | | | | | 1012 | * 10 | | -27.0 | 4.6 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 NOV 2001 7442N 09458W OB 3 | | | | | | | | | N AMERICA - CANADA CAMBRIDGE BAY UA, N.W.T. 71925 NOV 2001 6908N 10504W OB 3 | | | | | | | | | N AMERICA - CANADA BAKER LAKE UA, N.W.T. 71926 NOV 2001 6419N 09600W OB 3 | | | | | | | | |
| 030 | 22998 | 5 | -64.4 | 25.8 | 9 | 87 | 297 | 24 | 030 | 23274 | 1 | -59.8 | 28.6 | 4 | 92 | 291 | 24 | 030 | 23375 | 2 | -59.5 | 29.1 | 3 | 91 | 294 | 21 |
| 050 | 19855 | 2 | -61.1 | 26.4 | 6 | 84 | 292 | 18 | 050 | 20070 | 1 | -57.6 | 29.2 | 4 | 91 | 290 | 20 | 050 | 20165 | 1 | -57.1 | 29.6 | 3 | 94 | 290 | 20 |
| 100 | 15498 | 0 | -56.2 | 27.0 | 4 | 78 | 297 | 12 | 100 | 15653 | 1 | -53.6 | 29.5 | 4 | 91 | 293 | 17 | 100 | 15740 | 1 | -53.0 | 29.9 | 2 | 94 | 288 | 20 |
| 150 | 12907 | 0 | -54.2 | 25.3 | 3 | 71 | 302 | 10 | 150 | 13039 | 1 | -52.5 | 26.4 | 4 | 88 | 296 | 15 | 150 | 13120 | 0 | -51.7 | 27.7 | 1 | 94 | 287 | 20 |
| 200 | 11061 | 0 | -54.1 | 20.5 | 3 | 69 | 317 | 9 | 200 | 11179 | 1 | -52.7 | 19.7 | 4 | 86 | 301 | 14 | 200 | 11252 | 0 | -51.6 | 22.9 | 2 | 93 | 290 | 21 |
| 300 | 8485 | 0 | -56.8 | 9.7 | 3 | 56 | 349 | 9 | 300 | 8591 | 0 | -55.6 | 9.2 | 3 | 65 | 317 | 10 | 300 | 8633 | 0 | -53.3 | 11.1 | 2 | 89 | 293 | 21 |
| 500 | 5128 | 0 | -38.4 | 9.3 | 3 | 55 | 347 | 8 | 500 | 5207 | 0 | -36.2 | 10.3 | 2 | 60 | 329 | 8 | 500 | 5226 | 0 | -34.4 | 11.5 | 1 | 83 | 296 | 14 |
| 700 | 2742 | 0 | -24.4 | 10.4 | 3 | 53 | 1 | 6 | 700 | 2799 | 0 | -22.3 | 6.6 | 1 | 50 | 334 | 6 | 700 | 2801 | 0 | -20.4 | 9.2 | 1 | 68 | 303 | 9 |
| 850 | 1308 | 0 | -18.2 | 8.1 | 3 | 50 | 2 | 5 | 850 | 1353 | 0 | -16.3 | 7.5 | 1 | 40 | 343 | 5 | 850 | 1348 | 0 | -15.5 | 7.1 | 1 | 57 | 304 | 7 |
| 1005 | * 40 | | -24.3 | 4.4 | | | | | 1015 | * 26 | | -21.4 | 3.3 | | | | | 1014 | * 50 | | -18.1 | 3.5 | | | | |
| N AMERICA - CANADA FORT SMITH UA, N.W.T. 71934 NOV 2001 6002N 11156W OB 3 | | | | | | | | | N AMERICA - CANADA FORT NELSON UA, B.C. 71945 NOV 2001 5850N 12236W OB 3 | | | | | | | | | N AMERICA - CANADA INUVIK UA, N.W.T. 71957 NOV 2001 6819N 13332W OB 3 | | | | | | | | |
| 030 | 23528 | 6 | -57.3 | 27.4 | 6 | 89 | 288 | 16 | 030 | 23616 | 2 | -55.9 | 28.5 | 3 | 83 | 285 | 13 | 030 | 23399 | 2 | -57.9 | 27.8 | 2 | 90 | 282 | 21 |
| 050 | 20303 | 4 | -55.9 | 27.7 | 4 | 90 | 280 | 15 | 050 | 20365 | 2 | -55.0 | 28.9 | 3 | 88 | 269 | 13 | 050 | 20168 | 1 | -55.7 | 28.9 | 1 | 84 | 279 | 15 |
| 100 | 15875 | 2 | -53.9 | 25.4 | 1 | 94 | 275 | 18 | 100 | 15918 | 1 | -53.0 | 28.1 | 2 | 88 | 259 | 15 | 100 | 15736 | 0 | -53.4 | 29.0 | 0 | 73 | 274 | 11 |
| 150 | 13269 | 1 | -53.2 | 23.0 | 1 | 95 | 271 | 20 | 150 | 13300 | 1 | -52.3 | 25.8 | 1 | 92 | 252 | 17 | 150 | 13124 | 0 | -53.1 | 26.2 | 0 | 65 | 275 | 10 |
| 200 | 11409 | 1 | -54.0 | 17.2 | 1 | 92 | 269 | 21 | 200 | 11442 | 1 | -53.1 | 18.5 | 1 | 90 | 248 | 19 | 200 | 11271 | 0 | -54.0 | 17.8 | 0 | 48 | 286 | 7 |
| 300 | 8822 | 1 | -52.3 | 7.0 | 0 | 88 | 270 | 23 | 300 | 8836 | 1 | -51.0 | 9.0 | 2 | 84 | 244 | 22 | 300 | 8695 | 0 | -55.6 | 7.5 | 0 | 34 | 303 | 6 |
| 500 | 5356 | 1 | -29.6 | 6.7 | 0 | 85 | 264 | 14 | 500 | 5361 | 1 | -29.2 | 6.6 | 1 | 73 | 240 | 11 | 500 | 5278 | 0 | -32.5 | 11.1 | 0 | 20 | 324 | 3 |
| 700 | 2871 | 1 | -13.3 | 7.5 | 0 | 72 | 268 | 8 | 700 | 2878 | 1 | -13.9 | 5.8 | 2 | 47 | 241 | 5 | 700 | 2830 | 0 | -17.4 | 9.1 | 0 | 11 | 108 | 1 |
| 850 | 1374 | 1 | -7.0 | 4.7 | 0 | 31 | 251 | 3 | 850 | 1384 | 1 | -7.8 | 5.3 | 2 | 25 | 252 | 2 | 850 | 1355 | 0 | -12.1 | 6.9 | 1 | 48 | 131 | 4 |
| 989 | * 203 | | -8.1 | 1.7 | | | | | 967 | * 378 | | -11.5 | 1.8 | | | | | 1008 | * 103 | | -18.1 | 2.9 | | | | |
| N AMERICA - CANADA WHITEHORSE, UA, Y.T. 71964 NOV 2001 6042N 13504W OB 3 | | | | | | | | | N AMERICA - MEXICO AEROP. INTERNACIONALMEXICO, 76679 NOV 2001 1926N 09905W OB 3 | | | | | | | | | N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 NOV 2001 1756N 07647W OB 3 | | | | | | | | |
| 030 | 23538 | 3 | -55.4 | 30.3 | 4 | 79 | 272 | 12 | 030 | | | | | | | | | 030 | 23873 | 9 | -56.9 | 19.8 | | | | |
| 050 | 20273 | 3 | -54.5 | 30.6 | 3 | 86 | 256 | 12 | 050 | | | | | | | | | 050 | 20679 | 9 | -62.8 | 17.9 | | | | |
| 100 | 15818 | 3 | -52.4 | 30.5 | 2 | 83 | 249 | 12 | 100 | 16523 | 2 | -75.0 | | 4 | 1 | 249 | 23 | 100 | 16589 | 7 | -78.0 | 11.3 | | | | |
| 150 | 13191 | 3 | -51.7 | 28.9 | 3 | 76 | 238 | 10 | 150 | 14119 | 1 | -65.4 | | 2 | 1 | 252 | 35 | 150 | 14210 | 6 | -66.2 | 12.9 | | | | |
| 200 | 11325 | 3 | -51.9 | 22.3 | 2 | 68 | 233 | 10 | 200 | 12330 | 0 | -56.0 | | 1 | 1 | 261 | 35 | 200 | 12419 | 6 | -53.9 | 12.5 | | | | |
| 300 | 8724 | 3 | -53.7 | 8.1 | 2 | 56 | 216 | 10 | 300 | 9628 | 0 | -34.7 | 15.7 | 1 | 1 | 262 | 30 | 300 | 9683 | 6 | -31.5 | 13.5 | | | | |
| 500 | 5284 | 3 | -31.7 | 6.6 | 2 | 41 | 197 | 5 | 500 | 5855 | 0 | -7.3 | 22.4 | 1 | 1 | 280 | 8 | 500 | 5870 | 4 | -6.0 | 19.3 | | | | |
| 700 | 2821 | 2 | -15.0 | 6.9 | 2 | 56 | 197 | 6 | 700 | 3157 | 0 | 8.6 | 9.3 | 1 | 1 | 327 | 3 | 700 | 3156 | 4 | 9.3 | 12.0 | | | | |
| 850 | 1332 | 2 | -8.3 | 3.5 | 2 | 74 | 153 | 6 | 775 | *2234 | | 14.7 | 11.7 | | | | | 850 | 1521 | 4 | 16.2 | 2.8 | | | | |
| 923 | * 704 | | -9.5 | 2.0 | | | | | | | | | | | | | | 1013 | * 14 | | 25.6 | 5.7 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N AMERICA - ST. MAARTEN, ST.EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 NOV 2001 1803N 06307W OB 2 | | | | | | | | | N AMERICA - ST.MARTIN, ST.BARTH., GUAD. LE RAIZET, GUADELOUPE 78897 NOV 2001 1616N 06131W OB 3 | | | | | | | | | N AMERICA - BARBADOS GRANTLEY ADAMS 78954 NOV 2001 1304N 05929W OB | | | | | | | | |
| 030 | 23905 | 19 | -56.4 | | 9 | 99 | 76 | 11 | 030 | | | | | | | | | 030 | 23860 | 5 | -54.9 | 14.1 | 5 | 98 | 90 | 13 |
| 050 | 20698 | 19 | -60.7 | | 9 | 99 | 80 | 8 | 050 | 20634 | 2 | -63.8 | | 6 | 94 | 88 | 8 | 050 | 20656 | 5 | -63.2 | 11.4 | 5 | 98 | 83 | 12 |
| 100 | 16592 | 19 | -78.5 | | 9 | 79 | 297 | 6 | 100 | 16565 | 0 | -79.7 | | 2 | 83 | 307 | 10 | 100 | 16584 | 3 | -79.9 | 7.9 | 5 | 86 | 305 | 8 |
| 150 | 14197 | 12 | -66.4 | | 9 | 82 | 294 | 13 | 150 | 14206 | 0 | -66.8 | | 3 | 78 | 295 | 16 | 150 | 14223 | 3 | -67.0 | 10.3 | 4 | 74 | 288 | 12 |
| 200 | 12393 | 7 | -53.7 | | 7 | 80 | 291 | 16 | 200 | 12413 | 1 | -53.2 | | 4 | 80 | 302 | 18 | 200 | 12431 | 3 | -53.2 | 13.6 | 3 | 61 | 286 | 11 |
| 300 | 9665 | 3 | -33.0 | | 3 | 86 | 282 | 13 | 300 | 9677 | 0 | -31.7 | 17.9 | 2 | 64 | 293 | 9 | 300 | 9690 | 3 | -31.2 | 20.9 | 3 | 52 | 296 | 7 |
| 500 | 5868 | 1 | -6.5 | | 1 | 82 | 287 | 7 | 500 | 5864 | 0 | -5.8 | 20.6 | 3 | 43 | 290 | 3 | 500 | 5875 | 3 | -6.2 | 20.7 | 3 | 31 | 256 | 2 |
| 700 | 3164 | 1 | 8.8 | | 1 | 74 | 271 | 4 | 700 | 3152 | 0 | 9.0 | 12.6 | 3 | 33 | 262 | 2 | 700 | 3167 | 3 | 8.7 | 7.0 | 3 | 42 | 142 | 3 |
| 850 | 1534 | 1 | 16.1 | | 1 | 25 | 290 | 1 | 850 | 1519 | 0 | 16.6 | 5.6 | 4 | 30 | 78 | 2 | 850 | 1531 | 3 | 17.6 | 5.6 | 3 | 71 | 92 | 3 |
| 1014 | * | 9 | 25.6 | | | | | | 1011 | * | 11 | 26.0 | 3.9 | | | | | 1008 | * | 56 | 26.7 | 3.2 | | | | |
| N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 NOV 2001 1212N 06858W OB 3 | | | | | | | | | S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 NOV 2001 0123S 04829W OB 2 | | | | | | | | | S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 NOV 2001 0309S 05959W OB 2 | | | | | | | | |
| 030 | 23830 | 10 | -55.2 | | 9 | 97 | 95 | 10 | 030 | 23895 | 4 | -50.6 | 17.5 | 5 | 19 | 282 | 2 | 030 | 23900 | 8 | -51.2 | 17.6 | 8 | 35 | 109 | 4 |
| 050 | 20634 | 9 | -64.6 | | 9 | 99 | 82 | 12 | 050 | 20672 | 2 | -64.5 | 13.2 | 2 | 99 | 91 | 22 | 050 | 20665 | 2 | -65.0 | 13.7 | 3 | 99 | 94 | 21 |
| 100 | 16587 | 4 | -80.9 | | 7 | 47 | 314 | 3 | 100 | 16632 | 1 | -80.6 | 8.8 | 3 | 63 | 241 | 5 | 100 | 16622 | 1 | -80.9 | 10.4 | 2 | 29 | 157 | 2 |
| 150 | 14230 | 4 | -66.8 | | 4 | 74 | 268 | 9 | 150 | 14270 | 2 | -66.5 | 10.8 | 2 | 56 | 203 | 5 | 150 | 14264 | 1 | -66.3 | 11.7 | 1 | 70 | 133 | 7 |
| 200 | 12438 | 4 | -53.1 | | 4 | 78 | 260 | 10 | 200 | 12468 | 1 | -52.2 | 12.5 | 1 | 71 | 178 | 6 | 200 | 12462 | 2 | -52.2 | 13.6 | 2 | 81 | 139 | 9 |
| 300 | 9695 | 2 | -30.9 | 10.9 | 2 | 48 | 292 | 4 | 300 | 9713 | 0 | -29.9 | 16.5 | 1 | 14 | 136 | 1 | 300 | 9710 | 1 | -26.1 | 15.1 | 2 | 75 | 105 | 5 |
| 500 | 5877 | 1 | -5.5 | 10.2 | 1 | 40 | 78 | 2 | 500 | 5879 | 0 | -4.6 | 18.1 | 0 | 60 | 88 | 3 | 500 | 5876 | 1 | -5.4 | 10.2 | 1 | 25 | 58 | 1 |
| 700 | 3160 | 1 | 9.2 | 8.4 | 1 | 76 | 113 | 4 | 700 | 3156 | 0 | 10.3 | 16.4 | 0 | 95 | 96 | 9 | 700 | 3159 | 0 | 9.5 | 8.0 | 1 | 78 | 78 | 4 |
| 850 | 1521 | 1 | 17.9 | 3.0 | 2 | 85 | 96 | 6 | 850 | 1515 | 0 | 18.4 | 5.7 | 0 | 94 | 94 | 7 | 850 | 1519 | 0 | 18.4 | 3.1 | 0 | 95 | 61 | 8 |
| 1006 | * | 62 | 27.1 | 5.4 | | | | | 1010 | * | 16 | 28.1 | 4.2 | | | | | 1001 | * | 84 | 26.7 | 3.6 | | | | |
| S AMERICA - BRAZIL FORTALEZA 82397 NOV 2001 0346S 03836W OB | | | | | | | | | S AMERICA - BRAZIL NATAL (AEROPORTO) 82599 NOV 2001 0555S 03515W OB 2 | | | | | | | | | S AMERICA - BRAZIL RECIFE (CURADO) 82900 NOV 2001 0803S 03455W OB 2 | | | | | | | | |
| 030 | 23753 | 11 | -52.6 | | 9 | 23 | 130 | 2 | 030 | 23905 | 10 | -51.0 | 25.5 | 9 | 77 | 97 | 9 | 030 | 23776 | 15 | -55.1 | | | | | |
| 050 | 20573 | 5 | -67.0 | | 5 | 98 | 92 | 21 | 050 | 20681 | 4 | -64.6 | 19.8 | 4 | 99 | 92 | 21 | 050 | 20594 | 8 | -66.2 | | 9 | 99 | 94 | 22 |
| 100 | 16556 | 2 | -80.5 | | 2 | 70 | 234 | 7 | 100 | 16609 | 3 | -78.0 | 13.9 | 3 | 65 | 233 | 6 | 100 | 16559 | 6 | -79.4 | | 7 | 63 | 196 | 5 |
| 150 | 14207 | 2 | -68.0 | | 2 | 68 | 245 | 10 | 150 | 14238 | 2 | -66.3 | 16.4 | 2 | 67 | 233 | 9 | 150 | 14201 | 6 | -67.4 | | 7 | 61 | 211 | 9 |
| 200 | 12424 | 2 | -54.1 | | 2 | 64 | 227 | 9 | 200 | 12441 | 2 | -52.8 | 18.8 | 2 | 61 | 220 | 10 | 200 | 12414 | 6 | -54.0 | | 7 | 55 | 201 | 9 |
| 300 | 9689 | 1 | -31.8 | 27.2 | 1 | 45 | 234 | 5 | 300 | 9699 | 1 | -31.3 | 23.1 | 1 | 48 | 256 | 6 | 300 | 9682 | 6 | -32.0 | 27.4 | 7 | 44 | 240 | 6 |
| 500 | 5877 | 1 | -5.2 | 21.5 | 1 | 17 | 45 | 1 | 500 | 5880 | 1 | -5.3 | 23.4 | 1 | 33 | 64 | 2 | 500 | 5874 | 5 | -6.1 | 25.3 | 6 | 22 | 28 | 1 |
| 700 | 3161 | 1 | 9.7 | 20.0 | 1 | 92 | 93 | 6 | 700 | 3162 | 1 | 9.8 | 23.3 | 1 | 89 | 95 | 4 | 700 | 3161 | 5 | 9.8 | 24.0 | 6 | 63 | 106 | 3 |
| 850 | 1526 | 1 | 15.8 | 4.1 | 1 | 96 | 116 | 9 | 850 | 1526 | 1 | 15.7 | 4.3 | 1 | 93 | 115 | 7 | 850 | 1530 | 5 | 15.4 | 4.9 | 6 | 85 | 96 | 5 |
| 1011 | * | 26 | 28.8 | 6.0 | | | | | 1009 | * | 52 | 29.5 | 5.2 | | | | | 1013 | * | 7 | 28.2 | 5.9 | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 NOV 2001 0952S 05606E OB / | | | | | | | | | S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 NOV 2001 1244S 06008W OB 2 | | | | | | | | | S AMERICA - BRAZIL SALVADOR 83229 NOV 2001 1301S 03831W OB 2 | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 23820 | 11 | -56.6 | | | 9 | 97 | 91 | 20 | 030 | 23789 | 4 | -57.6 | | | 8 | 99 | 92 | 22 | |
| 050 | 20601 | 8 | -64.4 | | | 9 | 97 | 94 | 19 | 050 | 20640 | 7 | -64.0 | | | 8 | 97 | 97 | 18 | 050 | 20614 | 2 | -65.2 | | | 4 | 99 | 91 | 19 |
| 100 | 16563 | 4 | -81.6 | | | 6 | 69 | 112 | 6 | 100 | 16588 | 6 | -81.2 | | | 7 | 50 | 118 | 4 | 100 | 16552 | 1 | -78.3 | | | 3 | 70 | 156 | 7 |
| 150 | 14217 | 4 | -68.2 | | | 5 | 82 | 139 | 9 | 150 | 14238 | 6 | -67.8 | | | 7 | 55 | 184 | 6 | 150 | 14187 | 1 | -67.7 | | | 3 | 77 | 191 | 12 |
| 200 | 12433 | 4 | -53.9 | | | 4 | 71 | 139 | 6 | 200 | 12452 | 6 | -53.6 | | | 8 | 27 | 191 | 2 | 200 | 12406 | 1 | -54.7 | | | 3 | 85 | 197 | 15 |
| 300 | 9690 | 1 | -30.9 | 10.6 | | 1 | 33 | 173 | 2 | 300 | 9705 | 5 | -30.4 | 11.4 | | 7 | 30 | 176 | 2 | 300 | 9680 | 0 | -32.0 | 18.2 | | 2 | 44 | 208 | 6 |
| 500 | 5867 | 1 | -5.8 | 5.9 | | 2 | 29 | 312 | 1 | 500 | 5876 | 5 | -5.5 | 4.6 | | 7 | 18 | 260 | 1 | 500 | 5870 | 0 | -6.5 | 24.3 | | 2 | 18 | 40 | 1 |
| 700 | 3152 | 1 | 9.2 | 6.2 | | 2 | 45 | 16 | 3 | 700 | 3157 | 5 | 9.4 | 4.7 | | 6 | 50 | 328 | 3 | 700 | 3163 | 0 | 9.5 | 18.9 | | 2 | 50 | 110 | 2 |
| 850 | 1512 | 1 | 18.6 | 5.4 | | 2 | 59 | 1 | 3 | 850 | 1514 | 5 | 19.1 | 5.4 | | 6 | 75 | 319 | 5 | 850 | 1530 | 0 | 15.5 | 6.0 | | 2 | 86 | 78 | 5 |
| 978 | * 288 | | 23.4 | 1.4 | | | | | | 943 | * 652 | | 23.0 | 1.6 | | | | | | 1009 | * 51 | | 28.0 | 6.1 | | | | | |
| S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 NOV 2001 1316S 04325W OB 2 | | | | | | | | | S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 NOV 2001 1539S 05606W OB | | | | | | | | | S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 NOV 2001 1552S 04756W OB 3 | | | | | | | | | | | |
| 030 | 23780 | 10 | -58.2 | | | 9 | 99 | 90 | 20 | 030 | | | | | | | | | 030 | 23839 | 13 | -56.3 | | | | | | | |
| 050 | 20603 | 7 | -64.3 | | | 7 | 99 | 96 | 18 | 050 | 20638 | 6 | -64.4 | | | 9 | 99 | 95 | 16 | 050 | 20656 | 5 | -64.3 | | | | | | |
| 100 | 16547 | 5 | -79.5 | | | 5 | 58 | 158 | 6 | 100 | 16581 | 2 | -79.7 | | | 6 | 41 | 160 | 4 | 100 | 16558 | 7 | -79.5 | | | | | | |
| 150 | 14191 | 5 | -68.2 | | | 5 | 86 | 193 | 13 | 150 | 14225 | 2 | -67.7 | | | 5 | 65 | 216 | 9 | 150 | 14225 | 5 | -67.6 | | | | | | |
| 200 | 12410 | 5 | -54.7 | | | 5 | 85 | 205 | 12 | 200 | 12436 | 1 | -53.5 | | | 5 | 63 | 244 | 8 | 200 | 12440 | 4 | -54.1 | | | | | | |
| 300 | 9680 | 5 | -31.6 | 16.0 | | 5 | 71 | 211 | 5 | 300 | 9695 | 1 | -31.1 | 12.3 | | 5 | 56 | 243 | 5 | 300 | 9701 | 1 | -31.3 | 10.1 | | | | | |
| 500 | 5865 | 5 | -6.6 | 13.7 | | 5 | 45 | 318 | 3 | 500 | 5873 | 0 | -5.8 | 8.2 | | 4 | 25 | 277 | 2 | 500 | 5882 | 1 | -6.0 | 7.7 | | | | | |
| 700 | 3162 | 5 | 8.4 | 6.2 | | 5 | 75 | 341 | 3 | 700 | 3161 | 0 | 8.8 | 4.5 | | 4 | 43 | 331 | 3 | 700 | 3173 | 1 | 8.6 | 4.8 | | 9 | 67 | 320 | 4 |
| 850 | 1521 | 5 | 19.2 | 8.4 | | 5 | 47 | 25 | 2 | 850 | 1521 | 0 | 18.7 | 5.1 | | 3 | 68 | 336 | 5 | 850 | 1533 | 1 | 18.3 | 5.4 | | | | | |
| 963 | * 440 | | 26.3 | 4.4 | | | | | | 990 | * 182 | | 27.2 | 5.0 | | | | | | 897 | *1061 | | 22.4 | 3.6 | | | | | |
| S AMERICA - BRAZIL CARAVELAS 83498 NOV 2001 1744S 03915W OB 2 | | | | | | | | | S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 NOV 2001 2028S 05440W OB 2 | | | | | | | | | S AMERICA - BRAZIL TRINDADE (ILHA) 83650 NOV 2001 2030S 02919W OB 2 | | | | | | | | | | | |
| 030 | 23827 | 14 | -58.3 | | | | | | | 030 | | | | | | | | | 030 | 23854 | 14 | -57.7 | | | 9 | 96 | 80 | 13 | |
| 050 | 20644 | 9 | -64.0 | | | 9 | 96 | 91 | 12 | 050 | | | | | | | | | 050 | 20669 | 6 | -62.9 | | | 9 | 99 | 98 | 11 | |
| 100 | 16551 | 3 | -76.7 | | | 3 | 58 | 181 | 6 | 100 | 16673 | 3 | -76.6 | | | 3 | 85 | 254 | 12 | 100 | 16536 | 4 | -73.8 | | | 7 | 56 | 202 | 5 |
| 150 | 14170 | 3 | -66.7 | | | 3 | 86 | 213 | 15 | 150 | 14267 | 3 | -63.4 | | | 3 | 86 | 256 | 16 | 150 | 14126 | 2 | -65.8 | | | 7 | 76 | 228 | 11 |
| 200 | 12384 | 3 | -55.1 | | | 4 | 90 | 218 | 19 | 200 | 12446 | 3 | -50.9 | | | 3 | 79 | 262 | 16 | 200 | 12343 | 2 | -56.2 | | | 6 | 79 | 231 | 15 |
| 300 | 9666 | 3 | -32.7 | 14.0 | | 3 | 80 | 241 | 10 | 300 | 9686 | 1 | -31.3 | 14.3 | | 1 | 68 | 256 | 9 | 300 | 9643 | 2 | -34.4 | 14.4 | | 6 | 71 | 263 | 10 |
| 500 | 5866 | 4 | -7.0 | 21.1 | | 3 | 44 | 288 | 4 | 500 | 5872 | 1 | -6.1 | 17.7 | | 2 | 33 | 252 | 3 | 500 | 5877 | 0 | -8.4 | 18.8 | | 5 | 79 | 281 | 8 |
| 700 | 3165 | 3 | 8.0 | 9.7 | | 4 | 70 | 318 | 4 | 700 | 3159 | 1 | 9.4 | 6.4 | | 2 | 50 | 320 | 4 | 700 | 3181 | 0 | 8.5 | 20.2 | | 5 | 45 | 303 | 3 |
| 850 | 1534 | 3 | 16.3 | 7.4 | | 4 | 88 | 15 | 5 | 850 | 1516 | 1 | 19.4 | 5.6 | | 2 | 73 | 358 | 5 | 850 | 1559 | 0 | 13.3 | 5.3 | | 5 | 65 | 44 | 4 |
| 1015 | * 3 | | 26.6 | 1.9 | | | | | | 948 | * 567 | | 24.7 | 6.9 | | | | | | 1019 | * 5 | | 25.9 | 5.4 | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| S AMERICA - BRAZIL GALEAO 83746 NOV 2001 2249S 04315W OB 2 | | | | | | | | S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 NOV 2001 2531S 04910W OB 2 | | | | | | | | S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 NOV 2001 3000S 05111W OB 2 | | | | | | | | | | | |
| 030 | 24001 | 11 | -55.1 | 24.4 | | | | | 030 | 23992 | 13 | -55.6 | 20.9 | | | | | | 030 | 24001 | 11 | -55.4 | 16.8 | 9 | 95 | 89 | 10 |
| 050 | 20784 | 3 | -61.5 | 21.3 | 5 | 94 | 87 | 8 | 050 | 20771 | 8 | -61.1 | 18.5 | 9 | 93 | 82 | 7 | 050 | 20781 | 1 | -59.7 | 15.3 | 3 | 50 | 79 | 3 | |
| 100 | 16623 | 2 | -72.7 | 16.7 | 4 | 74 | 227 | 9 | 100 | 16596 | 2 | -71.3 | 14.6 | 3 | 88 | 257 | 11 | 100 | 16544 | 1 | -67.2 | 13.5 | 1 | 90 | 255 | 14 | |
| 150 | 14200 | 1 | -64.4 | 17.3 | 2 | 90 | 242 | 23 | 150 | 14162 | 2 | -63.4 | 15.4 | 2 | 95 | 255 | 30 | 150 | 14059 | 1 | -60.0 | 13.7 | 1 | 93 | 273 | 42 | |
| 200 | 12399 | 1 | -53.4 | 17.9 | 1 | 90 | 250 | 27 | 200 | 12352 | 1 | -52.7 | 14.8 | 1 | 93 | 263 | 41 | 200 | 12234 | 0 | -52.5 | 14.2 | 1 | 93 | 269 | 37 | |
| 300 | 9666 | 0 | -35.1 | 18.0 | 2 | 86 | 268 | 16 | 300 | 9618 | 0 | -33.8 | 16.5 | 1 | 88 | 265 | 22 | 300 | 9530 | 0 | -36.8 | 14.3 | 0 | 93 | 270 | 29 | |
| 500 | 5871 | 0 | -6.8 | 21.1 | 0 | 63 | 258 | 6 | 500 | 5842 | 0 | -7.7 | 20.1 | 0 | 86 | 253 | 10 | 500 | 5796 | 0 | -10.7 | 19.3 | 0 | 90 | 265 | 13 | |
| 700 | 3165 | 0 | 8.0 | 8.4 | 0 | 50 | 287 | 3 | 700 | 3146 | 0 | 7.8 | 11.7 | 0 | 82 | 279 | 7 | 700 | 3124 | 0 | 5.8 | 15.5 | 0 | 80 | 266 | 6 | |
| 850 | 1532 | 0 | 17.1 | 5.7 | 0 | 65 | 339 | 3 | 850 | 1518 | 0 | 14.6 | 2.8 | 0 | 63 | 26 | 4 | 850 | 1507 | 0 | 14.0 | 8.1 | 0 | 42 | 310 | 3 | |
| 1014 | * 6 | | 24.7 | 2.9 | | | | | 913 | * 908 | | 19.0 | 3.8 | | | | | 1013 | * 3 | | 21.6 | 5.6 | | | | | |
| S AMERICA - CHILE ANTOFAGASTA 85442 NOV 2001 2326S 07027W OB 2 | | | | | | | | S AMERICA - CHILE PUERTO MONTT 85799 NOV 2001 4126S 07306W OB 2 | | | | | | | | S AMERICA - CHILE PUNTA ARENAS 85934 NOV 2001 5300S 07051W OB 2 | | | | | | | | | | | |
| 030 | 23849 | 4 | -57.7 | 31.2 | | | | | 030 | | | | | | | | | 030 | 23877 | 3 | -46.2 | 35.0 | 4 | 91 | 281 | 14 | |
| 050 | 20667 | 3 | -63.7 | 28.9 | 3 | 93 | 88 | 9 | 050 | | | | | | | | | 050 | 20494 | 2 | -48.4 | 34.1 | 4 | 90 | 277 | 21 | |
| 100 | 16562 | 2 | -76.3 | | 2 | 87 | 272 | 12 | 100 | 16271 | 3 | -56.2 | 31.2 | 3 | 94 | 273 | 18 | 100 | 15944 | 2 | -50.3 | 33.0 | 3 | 92 | 282 | 28 | |
| 150 | 14161 | 2 | -64.7 | 22.4 | 2 | 97 | 279 | 25 | 150 | 13673 | 2 | -52.5 | 32.0 | 2 | 93 | 273 | 22 | 150 | 13308 | 0 | -50.8 | 31.4 | 3 | 91 | 279 | 30 | |
| 200 | 12369 | 1 | -53.3 | 21.9 | 2 | 98 | 282 | 32 | 200 | 11807 | 2 | -51.6 | 28.5 | 2 | 90 | 271 | 22 | 200 | 11444 | 0 | -53.5 | 24.3 | 2 | 89 | 281 | 32 | |
| 300 | 9639 | 1 | -34.1 | 24.9 | 1 | 90 | 272 | 20 | 300 | 9163 | 2 | -46.6 | 16.0 | 3 | 77 | 261 | 19 | 300 | 8835 | 0 | -49.1 | 12.3 | 3 | 80 | 278 | 33 | |
| 500 | 5857 | 1 | -5.9 | 32.4 | 2 | 68 | 260 | 7 | 500 | 5585 | 2 | -20.7 | 16.9 | 4 | 85 | 264 | 15 | 500 | 5311 | 0 | -25.7 | 9.3 | 2 | 88 | 279 | 25 | |
| 700 | 3140 | 1 | 10.5 | | 1 | 39 | 341 | 2 | 700 | 3014 | 2 | -4.7 | 21.2 | 4 | 81 | 258 | 10 | 700 | 2801 | 0 | -11.2 | 8.3 | 1 | 94 | 271 | 21 | |
| 850 | 1502 | 1 | 17.1 | 31.0 | | | | | 850 | 1468 | 2 | 1.7 | 7.9 | 4 | 64 | 266 | 5 | 850 | 1287 | 0 | -3.1 | 4.1 | | | | | |
| 1003 | * 140 | | 15.6 | 4.2 | | | | | 1007 | * 90 | | 6.4 | .9 | | | | | 993 | * 43 | | 5.5 | 4.7 | | | | | |
| S AMERICA - ARGENTINA SALTA AERO 87047 NOV 2001 2451S 06529W OB / | | | | | | | | S AMERICA - ARGENTINA CORDOBA AERO 87344 NOV 2001 3119S 06413W OB / | | | | | | | | S AMERICA - ARGENTINA EZEIZA AERO 87576 NOV 2001 3449S 05832W OB 3 | | | | | | | | | | | |
| 030 | 23898 | 7 | -56.8 | | 9 | 96 | 80 | 8 | 030 | 23903 | 10 | -56.4 | 30.7 | 9 | 96 | 80 | 10 | 030 | 23972 | 1 | -55.0 | | 2 | 82 | 85 | 8 | |
| 050 | | 2 | -62.8 | | 8 | 90 | 80 | 9 | 050 | 20693 | 10 | -60.0 | 29.4 | 9 | 50 | 72 | 5 | 050 | 20741 | 0 | -59.0 | | 2 | 49 | 50 | 3 | |
| 100 | 16566 | 1 | -74.8 | | 8 | 90 | 270 | 12 | 100 | 16451 | 10 | -66.6 | 25.3 | 9 | 95 | 273 | 20 | 100 | 16451 | 0 | -62.9 | | 3 | 95 | 265 | 17 | |
| 150 | 14162 | 1 | -60.1 | | 6 | 96 | 275 | 28 | 150 | 13966 | 10 | -59.7 | 25.8 | 9 | 92 | 278 | 35 | 150 | 13918 | 0 | -56.0 | | 4 | 94 | 270 | 30 | |
| 200 | 12358 | 1 | -53.1 | | 8 | 98 | 275 | 32 | 200 | 12140 | 10 | -52.9 | 21.4 | 9 | 90 | 268 | 42 | 200 | 12074 | 0 | -52.8 | | 5 | 91 | 275 | 35 | |
| 300 | 9633 | 1 | -33.8 | 24.8 | 4 | 96 | 275 | 21 | 300 | 9466 | 10 | -39.9 | 13.1 | 9 | 93 | 275 | 36 | 300 | 9402 | 0 | -40.6 | 18.5 | 9 | 78 | 270 | 28 | |
| 500 | 5850 | 1 | -6.0 | 26.9 | 6 | 82 | 265 | 9 | 500 | 5770 | 10 | -12.4 | 19.0 | 9 | 91 | 276 | 19 | 500 | 5727 | 0 | -14.1 | 21.2 | 9 | 78 | 280 | 15 | |
| 700 | 3131 | 1 | 9.7 | 9.5 | 3 | 23 | 325 | 1 | 700 | 3107 | 10 | 5.6 | 12.1 | 9 | 76 | 286 | 8 | 700 | 3091 | 0 | 2.6 | 20.6 | 5 | 65 | 260 | 7 | |
| 850 | 1502 | 1 | 15.4 | 4.2 | 4 | 26 | 95 | 1 | 850 | 1493 | 10 | 13.2 | 8.4 | 9 | 56 | 345 | 5 | 850 | 1495 | 0 | 10.8 | 15.6 | 6 | 42 | 235 | 4 | |
| 878 | *1221 | | 16.9 | 2.8 | | | | | 9999 | * 474 | | | | | | | | 1012 | * 20 | | 18.4 | 4.7 | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 NOV 2001 7530S 02639W OB 2 | | | | | | | | | ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 NOV 2001 6633S 09301E OB 1 | | | | | | | | | ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 NOV 2001 7040S 00815W OB 2 | | | | | | | | |
| 030 | 22517 | 5 | -43.3 | 29.0 | 5 | 93 | 253 | 26 | 030 | 22963 | 7 | -39.3 | 11.6 | 9 | 95 | 295 | 38 | 030 | 22779 | 0 | -43.3 | | 2 | 98 | 249 | 38 |
| 050 | 19212 | 3 | -56.8 | 22.0 | 3 | 92 | 258 | 24 | 050 | 19543 | 5 | -52.1 | 6.2 | 6 | 95 | 292 | 35 | 050 | 19427 | 0 | -55.2 | | 2 | 97 | 253 | 37 |
| 100 | 14987 | 2 | -69.4 | 15.4 | 2 | 78 | 258 | 12 | 100 | 15223 | 2 | -64.6 | 4.1 | 2 | 95 | 287 | 24 | 100 | 15138 | 0 | -66.4 | | 1 | 95 | 255 | 26 |
| 150 | 12573 | 2 | -69.2 | 13.2 | 2 | 58 | 266 | 7 | 150 | 12745 | 1 | -64.6 | 3.8 | 1 | 93 | 287 | 19 | 150 | 12688 | 0 | -66.5 | | 1 | 89 | 259 | 19 |
| 200 | 10846 | 2 | -67.2 | 11.1 | 2 | 28 | 275 | 4 | 200 | 10983 | 1 | -62.9 | 3.6 | 1 | 87 | 289 | 16 | 200 | 10939 | 0 | -64.6 | | 1 | 71 | 262 | 17 |
| 300 | 8361 | 1 | -58.7 | 8.4 | 2 | 12 | 2 | 2 | 300 | 8450 | 1 | -54.8 | 3.6 | 1 | 71 | 288 | 12 | 300 | 8431 | 0 | -57.3 | | 0 | 34 | 282 | 18 |
| 500 | 4990 | 0 | -35.3 | 9.0 | 0 | 45 | 30 | 5 | 500 | 5036 | 1 | -33.9 | 4.1 | 1 | 50 | 315 | 5 | 500 | 5037 | 0 | -34.0 | 9.6 | 0 | 18 | 324 | 11 |
| 700 | 2566 | 0 | -19.5 | 8.7 | 0 | 76 | 44 | 8 | 700 | 2609 | 1 | -19.9 | 3.3 | 1 | 55 | 47 | 6 | 700 | 2600 | 0 | -18.4 | 8.7 | 0 | 25 | 33 | 10 |
| 850 | 1101 | 0 | -12.0 | 6.5 | 0 | 91 | 50 | 10 | 850 | 1145 | 1 | -12.1 | 3.6 | 1 | 74 | 78 | 9 | 850 | 1132 | 0 | -11.8 | 7.0 | 0 | 57 | 59 | 11 |
| 977 | * 30 | | -10.0 | 2.6 | | | | | 979 | * 30 | | -7.3 | 2.8 | | | | | 979 | * 50 | | -9.2 | 2.6 | | | | |
| ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 NOV 2001 6900S 03935E OB 1 | | | | | | | | | ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 NOV 2001 6736S 06252E OB 3 | | | | | | | | | ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 NOV 2001 6835N 07758W OB 3 | | | | | | | | |
| 030 | 22403 | 0 | -46.3 | | 1 | 92 | 242 | 22 | 030 | 22400 | 2 | -46.0 | 32.7 | 2 | 91 | 278 | 22 | 030 | 22401 | 3 | -46.0 | 29.8 | 3 | 94 | 291 | 25 |
| 050 | 19114 | 0 | -60.7 | | 0 | 92 | 248 | 20 | 050 | 19105 | 1 | -61.5 | 27.7 | 1 | 91 | 273 | 20 | 050 | 19109 | 2 | -61.5 | 24.7 | 2 | 94 | 289 | 21 |
| 100 | 14939 | 0 | -71.0 | | 0 | 89 | 250 | 12 | 100 | 14954 | 0 | -71.0 | 22.1 | 0 | 87 | 276 | 14 | 100 | 14945 | 1 | -71.5 | 18.9 | 1 | 89 | 290 | 14 |
| 150 | 12538 | 0 | -69.8 | | 0 | 76 | 246 | 9 | 150 | 12547 | 0 | -69.1 | 19.9 | 0 | 74 | 279 | 10 | 150 | 12547 | 1 | -70.0 | 17.3 | 1 | 80 | 289 | 9 |
| 200 | 10816 | 0 | -67.0 | | 0 | 53 | 249 | 6 | 200 | 10820 | 0 | -66.7 | 16.3 | 0 | 58 | 284 | 7 | 200 | 10841 | 0 | -67.7 | 13.9 | 1 | 69 | 294 | 8 |
| 300 | 8333 | 0 | -58.7 | | 0 | 11 | 262 | 2 | 300 | 8335 | 0 | -58.2 | 12.8 | 0 | 40 | 312 | 5 | 300 | 8361 | 0 | -58.5 | 10.5 | 1 | 47 | 319 | 6 |
| 500 | 4964 | 0 | -36.4 | 8.7 | 0 | 39 | 76 | 4 | 500 | 4958 | 0 | -36.1 | 11.1 | 0 | 6 | 103 | 1 | 500 | 4979 | 0 | -35.7 | 8.7 | 1 | 38 | 14 | 3 |
| 700 | 2562 | 0 | -21.9 | 8.6 | 0 | 66 | 62 | 7 | 700 | 2552 | 0 | -22.4 | 6.7 | 0 | 67 | 112 | 6 | 700 | 2568 | 0 | -21.3 | 5.4 | 1 | 83 | 46 | 8 |
| 850 | 1109 | 0 | -13.3 | 6.6 | 0 | 84 | 42 | 9 | 850 | 1103 | 0 | -13.0 | 8.9 | 0 | 89 | 93 | 10 | 850 | 1112 | 0 | -13.0 | 3.8 | 3 | 95 | 42 | 10 |
| 979 | * 21 | | -9.3 | 5.1 | | | | | 9999 | * 16 | | | | | | | | 9999 | * 13 | | | | | | | |
| ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 NOV 2001 6617S 11031E OB 3 | | | | | | | | | SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 NOV 2001 0518N 10016E OB 3 | | | | | | | | | SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 NOV 2001 0610N 10217E OB 3 | | | | | | | | |
| 030 | 22868 | 4 | -40.2 | 36.1 | 4 | 95 | 297 | 47 | 030 | 23752 | 23 | -53.3 | 31.9 | 9 | 69 | 93 | 7 | 030 | 23781 | 3 | -53.1 | 30.2 | 3 | 67 | 87 | 6 |
| 050 | 19474 | 4 | -52.9 | 30.4 | 4 | 95 | 291 | 44 | 050 | 20576 | 17 | -68.7 | 23.2 | 9 | 98 | 91 | 19 | 050 | 20595 | 2 | -68.2 | 20.8 | 2 | 99 | 92 | 19 |
| 100 | 15148 | 4 | -65.5 | 24.1 | 4 | 94 | 282 | 30 | 100 | 16563 | 1 | -81.6 | 12.4 | 5 | 92 | 105 | 19 | 100 | 16577 | 1 | -82.1 | 11.7 | 1 | 94 | 103 | 20 |
| 150 | 12691 | 4 | -66.2 | 20.6 | 4 | 93 | 277 | 23 | 150 | 14236 | 1 | -68.8 | 10.7 | 4 | 96 | 106 | 20 | 150 | 14248 | 1 | -68.4 | 10.2 | 1 | 95 | 104 | 18 |
| 200 | 10941 | 4 | -64.3 | 16.6 | 5 | 91 | 272 | 20 | 200 | 12450 | 1 | -53.2 | 9.9 | 1 | 92 | 114 | 13 | 200 | 12460 | 1 | -53.0 | 9.8 | 1 | 94 | 110 | 11 |
| 300 | 8443 | 3 | -56.8 | 11.7 | 5 | 80 | 265 | 17 | 300 | 9700 | 1 | -30.0 | 8.8 | 1 | 79 | 110 | 7 | 300 | 9709 | 1 | -29.8 | 9.4 | 1 | 76 | 116 | 5 |
| 500 | 5039 | 3 | -33.6 | 9.1 | 4 | 68 | 263 | 10 | 500 | 5864 | 1 | -5.2 | 5.4 | 1 | 26 | 137 | 1 | 500 | 5870 | 1 | -4.9 | 8.3 | 1 | 26 | 92 | 1 |
| 700 | 2610 | 3 | -19.4 | 9.6 | 3 | 45 | 251 | 4 | 700 | 3145 | 1 | 9.3 | 3.7 | 1 | 40 | 249 | 2 | 700 | 3148 | 1 | 9.4 | 3.6 | 1 | 10 | 308 | 1 |
| 850 | 1143 | 3 | -11.3 | 9.5 | 3 | 8 | 320 | 1 | 850 | 1506 | 1 | 17.8 | 3.4 | 1 | 27 | 72 | 1 | 850 | 1510 | 1 | 17.3 | 3.6 | 1 | 63 | 67 | 3 |
| 9999 | * 42 | | | | | | | | 9999 | * 4 | | | | | | | | 9999 | * 5 | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 NOV 2001 4054S 17459E OB 1 | | | | | | | | | SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 NOV 2001 4625S 16819W OB 1 | | | | | | | | | SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 NOV 2001 4357S 17634W OB 1 | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 24089 | 9 | -52.1 | | | | | | | |
| 050 | | | | | | | | | 050 | 20770 | 9 | -51.8 | | | | | | 050 | 20791 | 4 | -53.6 | | | 7 | 35 | 1 | 2 | |
| 100 | 16384 | 1 | -55.7 | | 1 | 82 | 283 | 9 | 100 | 16296 | 2 | -52.9 | | | 4 | 93 | 279 | 13 | 100 | 16355 | 2 | -54.3 | | | 5 | 92 | 280 | 11 |
| 150 | 13786 | 1 | -53.0 | | 1 | 86 | 278 | 15 | 150 | 13671 | 2 | -51.5 | | | 1 | 87 | 277 | 16 | 150 | 13748 | 2 | -52.7 | | | 6 | 93 | 282 | 17 |
| 200 | 11925 | 1 | -52.2 | | 1 | 82 | 277 | 19 | 200 | 11803 | 1 | -52.0 | | | 0 | 81 | 276 | 18 | 200 | 11890 | 2 | -52.4 | | | 6 | 89 | 275 | 22 |
| 300 | 9265 | 1 | -43.1 | | 1 | 71 | 285 | 16 | 300 | 9166 | 1 | -44.7 | | | 0 | 77 | 277 | 19 | 300 | 9242 | 0 | -43.7 | | | 2 | 74 | 281 | 21 |
| 500 | 5636 | 1 | -17.5 | 13.5 | 1 | 67 | 279 | 10 | 500 | 5568 | 0 | -19.4 | 15.2 | 0 | 78 | 278 | 12 | 500 | 5619 | 0 | -17.9 | 12.7 | 4 | 73 | 288 | 13 | | |
| 700 | 3035 | 1 | -2.0 | 14.7 | 1 | 70 | 299 | 8 | 700 | 2987 | 0 | -4.0 | 15.0 | 0 | 73 | 278 | 9 | 700 | 3020 | 0 | -1.9 | 13.3 | 5 | 65 | 290 | 9 | | |
| 850 | 1470 | 0 | 4.6 | 3.6 | 1 | 42 | 316 | 5 | 850 | 1436 | 0 | 2.7 | 7.1 | 0 | 62 | 291 | 5 | 850 | 1457 | 0 | 4.1 | 3.0 | 5 | 59 | 287 | 7 | | |
| 1014 | * 12 | | 15.9 | 5.8 | | | | | 1012 | * 4 | | 13.2 | 5.3 | | | | | 9999 | * 48 | | 13.2 | 2.6 | | | | | | |
| SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 NOV 2001 2915S 17755W OB 1 | | | | | | | | | SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 NOV 2001 1225S 13053E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 NOV 2001 1217S 13649E OB / | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 23807 | 1 | -56.2 | 30.5 | 1 | 99 | 88 | 20 | 030 | 23796 | 2 | -56.3 | 30.3 | 1 | 99 | 85 | 19 | | |
| 050 | 20722 | 6 | -61.2 | | 5 | 96 | 88 | 9 | 050 | 20621 | 1 | -64.7 | 23.9 | 1 | 98 | 89 | 19 | 050 | 20614 | 2 | -64.9 | 25.0 | 1 | 99 | 87 | 19 | | |
| 100 | 16482 | 1 | -66.1 | | 2 | 72 | 272 | 7 | 100 | 16606 | 1 | -83.7 | 13.4 | 1 | 37 | 61 | 3 | 100 | 16602 | 1 | -83.5 | 12.3 | 1 | 36 | 122 | 3 | | |
| 150 | 13998 | 1 | -60.8 | | 2 | 81 | 262 | 20 | 150 | 14268 | 0 | -67.1 | 12.9 | 0 | 60 | 316 | 6 | 150 | 14265 | 1 | -67.4 | 11.6 | 1 | 57 | 317 | 5 | | |
| 200 | 12186 | 1 | -55.8 | | 2 | 72 | 272 | 24 | 200 | 12471 | 0 | -52.3 | 13.4 | 0 | 67 | 305 | 6 | 200 | 12469 | 1 | -52.4 | 11.9 | 1 | 61 | 328 | 6 | | |
| 300 | 9516 | 1 | -38.7 | 12.1 | 1 | 67 | 288 | 17 | 300 | 9716 | 0 | -29.7 | 17.8 | 0 | 49 | 277 | 4 | 300 | 9713 | 1 | -29.5 | 15.9 | 2 | 53 | 297 | 3 | | |
| 500 | 5803 | 1 | -10.6 | 22.5 | 2 | 67 | 283 | 10 | 500 | 5881 | 0 | -4.8 | 16.9 | 0 | 38 | 87 | 3 | 500 | 5878 | 1 | -4.9 | 15.2 | 1 | 32 | 84 | 2 | | |
| 700 | 3137 | 1 | 5.0 | 14.7 | 0 | 57 | 320 | 6 | 700 | 3162 | 0 | 9.9 | 9.0 | 1 | 90 | 99 | 8 | 700 | 3158 | 1 | 9.9 | 10.9 | 1 | 84 | 105 | 7 | | |
| 850 | 1532 | 1 | 11.7 | 6.9 | 2 | 41 | 344 | 4 | 850 | 1517 | 0 | 20.0 | 6.6 | 0 | 79 | 91 | 4 | 850 | 1513 | 1 | 19.5 | 8.8 | 1 | 90 | 91 | 7 | | |
| 1012 | * 49 | | 21.6 | 3.5 | | | | | 9999 | * 31 | | | | | | | | 9999 | * 54 | | | | | | | | | |
| SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 NOV 2001 1757S 12214E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 NOV 2001 1915S 14645E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA WILLIS ISLAND 94299 NOV 2001 1618S 14959E OB / | | | | | | | | | | |
| 030 | 23812 | 2 | -57.3 | 31.5 | 2 | 96 | 85 | 14 | 030 | 23830 | 2 | -56.9 | 31.6 | 3 | 98 | 81 | 12 | 030 | 23812 | 1 | -57.0 | 31.1 | 1 | 97 | 82 | 13 | | |
| 050 | 20633 | 1 | -64.2 | 29.2 | 1 | 98 | 95 | 14 | 050 | 20643 | 1 | -64.1 | 28.8 | 2 | 97 | 88 | 13 | 050 | 20629 | 0 | -64.0 | 25.7 | 0 | 98 | 84 | 15 | | |
| 100 | 16584 | 0 | -81.3 | 15.3 | 0 | 59 | 261 | 6 | 100 | 16578 | 0 | -79.7 | 15.4 | 1 | 80 | 262 | 11 | 100 | 16593 | 0 | -81.7 | 13.4 | 0 | 66 | 261 | 6 | | |
| 150 | 14230 | 0 | -66.6 | 17.1 | 0 | 89 | 270 | 14 | 150 | 14218 | 0 | -66.7 | 16.3 | 1 | 94 | 266 | 23 | 150 | 14244 | 0 | -66.9 | 13.7 | 0 | 86 | 259 | 13 | | |
| 200 | 12432 | 0 | -52.6 | 20.1 | 0 | 90 | 265 | 16 | 200 | 12421 | 0 | -52.6 | 17.5 | 1 | 93 | 270 | 24 | 200 | 12448 | 0 | -52.7 | 14.5 | 0 | 86 | 266 | 16 | | |
| 300 | 9686 | 0 | -31.0 | 27.7 | 1 | 85 | 257 | 13 | 300 | 9679 | 0 | -31.6 | 17.9 | 1 | 89 | 271 | 19 | 300 | 9703 | 0 | -30.9 | 18.3 | 0 | 86 | 264 | 11 | | |
| 500 | 5866 | 0 | -5.1 | 26.4 | 2 | 73 | 273 | 7 | 500 | 5872 | 0 | -6.0 | 20.9 | 1 | 78 | 265 | 8 | 500 | 5880 | 0 | -4.7 | 24.6 | 0 | 52 | 279 | 4 | | |
| 700 | 3161 | 0 | 9.4 | 9.4 | 1 | 47 | 357 | 4 | 700 | 3162 | 0 | 8.8 | 11.6 | 1 | 52 | 220 | 4 | 700 | 3158 | 0 | 10.3 | 20.3 | 0 | 27 | 150 | 2 | | |
| 850 | 1513 | 0 | 21.7 | 15.1 | 0 | 28 | 290 | 2 | 850 | 1525 | 0 | 17.6 | 8.6 | 3 | 58 | 59 | 3 | 850 | 1518 | 0 | 17.8 | 10.4 | 0 | 82 | 103 | 5 | | |
| 9999 | * 7 | | | | | | | | 9999 | * 9 | | | | | | | | 9999 | * 6 | | | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 NOV 2001 2022S 11838E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 NOV 2001 2348S 13353E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA MT ISA AERO 94332 NOV 2001 2041S 13929E OB / | | | | | | | | | | |
| 030 | 23819 | 2 | -57.0 | 31.7 | 3 | 98 | 87 | 12 | 030 | 23873 | 3 | -57.3 | 31.7 | 4 | 99 | 84 | 13 | 030 | 23835 | 2 | -57.2 | 31.7 | 2 | 97 | 83 | 13 | | |
| 050 | 20644 | 1 | -64.0 | 29.4 | 1 | 98 | 96 | 12 | 050 | 20691 | 2 | -63.1 | 29.4 | 3 | 99 | 86 | 12 | 050 | 20651 | 1 | -63.9 | 29.5 | 1 | 97 | 85 | 12 | | |
| 100 | 16575 | 1 | -79.4 | 17.1 | 2 | 81 | 266 | 9 | 100 | 16551 | 0 | -74.2 | 21.4 | 1 | 94 | 271 | 14 | 100 | 16571 | 1 | -78.7 | 17.2 | 1 | 88 | 277 | 11 | | |
| 150 | 14208 | 1 | -66.0 | 19.5 | 1 | 89 | 271 | 21 | 150 | 14144 | 0 | -64.1 | 23.5 | 1 | 97 | 272 | 32 | 150 | 14199 | 1 | -66.1 | 19.5 | 1 | 95 | 271 | 27 | | |
| 200 | 12407 | 1 | -52.2 | 22.0 | 1 | 87 | 263 | 22 | 200 | 12334 | 0 | -52.1 | 24.4 | 1 | 96 | 272 | 35 | 200 | 12401 | 1 | -52.6 | 20.7 | 1 | 96 | 277 | 28 | | |
| 300 | 9664 | 1 | -31.6 | 24.8 | 1 | 85 | 259 | 20 | 300 | 9606 | 0 | -34.4 | 19.9 | 1 | 93 | 272 | 28 | 300 | 9663 | 1 | -32.2 | 19.7 | 1 | 92 | 272 | 22 | | |
| 500 | 5857 | 1 | -6.5 | 26.2 | 1 | 89 | 273 | 12 | 500 | 5839 | 0 | -8.8 | 23.2 | 1 | 86 | 272 | 13 | 500 | 5865 | 1 | -6.9 | 20.7 | 1 | 84 | 271 | 10 | | |
| 700 | 3154 | 1 | 9.5 | 16.2 | 1 | 78 | 329 | 7 | 700 | 3158 | 0 | 7.2 | 10.6 | 1 | 75 | 264 | 7 | 700 | 3166 | 1 | 9.1 | 15.6 | 1 | 47 | 267 | 4 | | |
| 850 | 1508 | 1 | 21.4 | 19.8 | 1 | 34 | 313 | 3 | 850 | 1527 | 0 | 17.6 | 15.9 | 1 | 41 | 44 | 3 | 850 | 1526 | 1 | 19.8 | 16.8 | 2 | 19 | 94 | 1 | | |
| 9999 | * | 9 | | | | | | | 9999 | * 546 | | | | | | | | | 9999 | * 340 | | | | | | | | |
| SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 NOV 2001 2848S 11442E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 NOV 2001 2637S 11833E OB 2 | | | | | | | | | SW PACIFIC - AUSTRALIA GILES 94461 NOV 2001 2502S 12817E OB / | | | | | | | | | | |
| 030 | 23879 | 1 | -57.0 | 31.0 | 1 | 98 | 85 | 13 | 030 | 23864 | 1 | -57.3 | 31.0 | 1 | 99 | 84 | 14 | 030 | 23864 | 0 | -57.8 | 29.8 | 3 | 98 | 81 | 13 | | |
| 050 | 20686 | 0 | -62.6 | 28.8 | 0 | 91 | 90 | 9 | 050 | 20676 | 0 | -63.4 | 29.3 | 0 | 93 | 92 | 9 | 050 | 20680 | 0 | -62.9 | 27.6 | 3 | 98 | 81 | 11 | | |
| 100 | 16488 | 0 | -68.7 | 24.9 | 0 | 94 | 263 | 17 | 100 | 16513 | 0 | -71.6 | 22.1 | 0 | 91 | 263 | 16 | 100 | 16528 | 0 | -73.2 | 19.9 | 0 | 96 | 270 | 14 | | |
| 150 | 14025 | 0 | -61.0 | 25.1 | 0 | 93 | 261 | 33 | 150 | 14076 | 0 | -62.6 | 23.8 | 0 | 93 | 266 | 34 | 150 | 14110 | 0 | -63.3 | 22.3 | 0 | 97 | 271 | 31 | | |
| 200 | 12202 | 0 | -52.0 | 24.5 | 0 | 93 | 260 | 41 | 200 | 12260 | 0 | -52.1 | 23.1 | 1 | 93 | 263 | 40 | 200 | 12294 | 0 | -51.7 | 23.4 | 0 | 97 | 270 | 38 | | |
| 300 | 9493 | 0 | -36.8 | 21.6 | 0 | 91 | 260 | 32 | 300 | 9540 | 0 | -35.2 | 22.1 | 1 | 93 | 263 | 34 | 300 | 9573 | 0 | -35.5 | 17.2 | 0 | 94 | 269 | 30 | | |
| 500 | 5769 | 0 | -11.0 | 30.7 | 0 | 88 | 264 | 14 | 500 | 5797 | 0 | -10.2 | 27.2 | 1 | 90 | 274 | 16 | 500 | 5821 | 0 | -9.8 | 23.1 | 0 | 86 | 272 | 14 | | |
| 700 | 3110 | 0 | 4.3 | 22.7 | 0 | 57 | 267 | 5 | 700 | 3126 | 0 | 6.2 | 20.0 | 1 | 76 | 297 | 9 | 700 | 3148 | 0 | 6.9 | 11.4 | 0 | 72 | 279 | 7 | | |
| 850 | 1503 | 0 | 13.8 | 15.8 | 0 | 21 | 113 | 2 | 850 | 1505 | 0 | 16.4 | 16.2 | 1 | 32 | 31 | 3 | 850 | 1518 | 0 | 18.2 | 14.2 | 1 | 53 | 20 | 4 | | |
| 9999 | * | 33 | | | | | | | 9999 | * 517 | | | | | | | | | 9999 | * 598 | | | | | | | | |
| SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 NOV 2001 3156S 11558E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA EUCLA 94647 NOV 2001 3141S 12853E OB | | | | | | | | | SW PACIFIC - AUSTRALIA COBAR 94711 NOV 2001 3129S 14550E OB / | | | | | | | | | | |
| 030 | 23903 | 2 | -56.5 | 31.3 | 3 | 95 | 84 | 12 | 030 | 23911 | 4 | -56.5 | 26.1 | 6 | 97 | 81 | 13 | 030 | 23913 | 4 | -56.4 | 31.6 | 4 | 99 | 83 | 14 | | |
| 050 | 20695 | 2 | -60.7 | 29.9 | 3 | 81 | 81 | 6 | 050 | 20703 | 1 | -60.5 | 25.4 | 3 | 79 | 81 | 7 | 050 | 20706 | 4 | -60.3 | 30.5 | 4 | 90 | 80 | 7 | | |
| 100 | 16440 | 1 | -64.6 | 28.5 | 3 | 94 | 265 | 15 | 100 | 16442 | 1 | -64.9 | 22.4 | 3 | 93 | 270 | 15 | 100 | 16443 | 1 | -64.5 | 27.9 | 1 | 91 | 272 | 13 | | |
| 150 | 13933 | 1 | -58.1 | 29.2 | 2 | 93 | 267 | 29 | 150 | 13934 | 1 | -58.2 | 23.3 | 4 | 96 | 270 | 27 | 150 | 13935 | 0 | -58.1 | 28.5 | 0 | 95 | 270 | 29 | | |
| 200 | 12096 | 0 | -51.4 | 26.5 | 1 | 92 | 263 | 35 | 200 | 12098 | 1 | -52.5 | 20.7 | 3 | 95 | 269 | 34 | 200 | 12099 | 0 | -52.7 | 24.6 | 0 | 95 | 270 | 37 | | |
| 300 | 9409 | 0 | -40.0 | 20.3 | 1 | 88 | 262 | 26 | 300 | 9426 | 1 | -40.8 | 13.5 | 2 | 86 | 273 | 25 | 300 | 9421 | 0 | -40.0 | 15.8 | 0 | 85 | 269 | 26 | | |
| 500 | 5732 | 0 | -14.2 | 23.2 | 1 | 82 | 263 | 11 | 500 | 5748 | 1 | -13.7 | 19.9 | 2 | 78 | 273 | 12 | 500 | 5735 | 0 | -13.6 | 22.6 | 0 | 78 | 261 | 15 | | |
| 700 | 3096 | 0 | 1.9 | 21.5 | 1 | 58 | 273 | 4 | 700 | 3107 | 1 | 2.8 | 18.6 | 2 | 60 | 276 | 5 | 700 | 3099 | 0 | 1.9 | 19.5 | 0 | 71 | 268 | 9 | | |
| 850 | 1504 | 0 | 10.7 | 11.6 | 3 | 7 | 56 | 1 | 850 | 1512 | 1 | 10.0 | 9.7 | 3 | 29 | 257 | 2 | 850 | 1508 | 0 | 11.2 | 13.5 | 0 | 52 | 257 | 4 | | |
| 9999 | * | 31 | | | | | | | 9999 | * 102 | | | | | | | | | 9999 | * 264 | | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME 94776 NOV 2001 3248S 15150E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 NOV 2001 3456S 11748E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA MOUNT GAMBIER AERO 94821 NOV 2001 3744S 14047E OB / | | | | | | | | |
| 030 | | | | | | | | | 030 | 23946 | 3 | -55.5 | 32.0 | 3 | 97 | 78 | 10 | 030 | 23989 | 6 | -54.3 | 31.3 | | | | |
| 050 | | | | | | | | | 050 | 20718 | 3 | -59.0 | 31.0 | 3 | 64 | 65 | 4 | 050 | 20733 | 5 | -56.6 | 30.0 | | | | |
| 100 | 16454 | 1 | -61.8 | 27.8 | 2 | 86 | 273 | 11 | 100 | 16409 | 1 | -61.3 | 29.0 | 0 | 89 | 265 | 14 | 100 | 16365 | 0 | -57.9 | 29.0 | 5 | 87 | 282 | 11 |
| 150 | 13919 | 1 | -56.5 | 28.9 | 2 | 93 | 269 | 26 | 150 | 13867 | 1 | -55.8 | 30.1 | 0 | 92 | 264 | 23 | 150 | 13789 | 0 | -53.8 | 28.9 | 5 | 91 | 274 | 18 |
| 200 | 12074 | 0 | -51.8 | 24.4 | 1 | 92 | 268 | 32 | 200 | 12014 | 1 | -51.1 | 28.2 | 0 | 88 | 262 | 25 | 200 | 11930 | 0 | -52.2 | 23.6 | 5 | 90 | 271 | 22 |
| 300 | 9395 | 0 | -40.4 | 14.2 | 1 | 81 | 272 | 23 | 300 | 9349 | 1 | -42.6 | 17.4 | 0 | 68 | 262 | 16 | 300 | 9282 | 0 | -43.4 | 15.3 | 5 | 77 | 266 | 18 |
| 500 | 5716 | 0 | -13.7 | 18.4 | 1 | 73 | 269 | 13 | 500 | 5704 | 1 | -15.8 | 20.9 | 0 | 71 | 268 | 9 | 500 | 5652 | 0 | -17.2 | 15.6 | 5 | 70 | 263 | 13 |
| 700 | 3082 | 0 | 1.3 | 14.6 | 1 | 66 | 263 | 8 | 700 | 3086 | 1 | .2 | 19.5 | 0 | 57 | 269 | 5 | 700 | 3047 | 0 | -1.1 | 21.9 | 4 | 73 | 265 | 9 |
| 850 | 1494 | 0 | 9.5 | 6.2 | 1 | 42 | 249 | 4 | 850 | 1507 | 1 | 7.8 | 10.0 | 0 | 7 | 166 | 1 | 850 | 1478 | 0 | 5.2 | 10.7 | 4 | 61 | 261 | 6 |
| 9999 | * 8 | | | | | | | | 9999 | * 69 | | | | | | | | 9999 | * 69 | | | | | | | |
| SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 NOV 2001 3740S 14451E OB | | | | | | | | | SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 NOV 2001 3510S 14727E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 NOV 2001 4250S 14729E OB / | | | | | | | | |
| 030 | 24022 | 7 | -53.6 | 32.7 | 7 | 94 | 74 | 11 | 030 | 23980 | 6 | -55.2 | 30.3 | | | | | 030 | 24038 | 0 | -52.3 | 32.5 | 1 | 85 | 60 | 7 |
| 050 | 20765 | 3 | -56.3 | 31.4 | 3 | 70 | 70 | 4 | 050 | 20742 | 3 | -57.7 | 29.8 | | | | | 050 | 20749 | 0 | -54.1 | 31.9 | 1 | 43 | 346 | 3 |
| 100 | 16392 | 0 | -57.5 | 30.5 | 0 | 87 | 272 | 10 | 100 | 16404 | 3 | -60.0 | 28.1 | | | | | 100 | 16314 | 0 | -54.6 | 31.9 | 0 | 84 | 285 | 11 |
| 150 | 13811 | 0 | -53.1 | 31.6 | 0 | 88 | 271 | 18 | 150 | 13850 | 2 | -54.8 | 29.1 | 9 | 94 | 273 | 24 | 150 | 13707 | 0 | -51.9 | 32.2 | 0 | 82 | 278 | 14 |
| 200 | 11945 | 0 | -50.9 | 25.9 | 0 | 82 | 269 | 21 | 200 | 11994 | 2 | -51.7 | 24.2 | 8 | 91 | 273 | 31 | 200 | 11836 | 0 | -51.3 | 24.4 | 0 | 75 | 270 | 16 |
| 300 | 9288 | 0 | -42.6 | 15.4 | 0 | 68 | 261 | 17 | 300 | 9328 | 1 | -41.8 | 14.6 | 7 | 82 | 274 | 25 | 300 | 9188 | 0 | -44.2 | 16.4 | 1 | 61 | 272 | 15 |
| 500 | 5651 | 0 | -17.2 | 19.3 | 0 | 60 | 263 | 10 | 500 | 5679 | 0 | -16.1 | 19.4 | 5 | 65 | 274 | 12 | 500 | 5584 | 0 | -20.1 | 15.8 | 2 | 56 | 275 | 10 |
| 700 | 3046 | 0 | -9 | 18.3 | 0 | 49 | 263 | 6 | 700 | 3066 | 0 | -.2 | 16.4 | 3 | 65 | 280 | 8 | 700 | 3005 | 0 | -3.4 | 16.2 | 2 | 61 | 267 | 7 |
| 850 | 1475 | 0 | 5.9 | 9.3 | 0 | 38 | 249 | 4 | 850 | 1487 | 0 | 8.3 | 8.2 | 2 | 55 | 273 | 4 | 850 | 1451 | 0 | 2.6 | 6.2 | 1 | 47 | 259 | 4 |
| 9999 | * 132 | | | | | | | | 9999 | * 213 | | | | | | | | 9999 | * 27 | | | | | | | |
| SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 NOV 2001 3132S 15904E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 NOV 2001 2902S 16756E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) MACQUARIE ISLAND 94998 NOV 2001 5429S 15856E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | 23906 | 3 | -56.6 | 30.5 | 6 | 99 | 85 | 15 | 030 | 23987 | 4 | -47.3 | 33.2 | 5 | 94 | 291 | 16 |
| 050 | 20702 | 8 | -59.8 | 30.9 | | | | | 050 | 20702 | 2 | -61.3 | 28.8 | 5 | 94 | 80 | 8 | 050 | 20614 | 1 | -48.7 | 32.4 | 2 | 96 | 284 | 22 |
| 100 | 16438 | 3 | -64.2 | 28.6 | 3 | 85 | 274 | 13 | 100 | 16469 | 2 | -66.0 | 24.5 | 3 | 87 | 268 | 13 | 100 | 16065 | 1 | -49.6 | 32.1 | 1 | 97 | 280 | 27 |
| 150 | 13926 | 3 | -58.2 | 27.8 | 3 | 93 | 261 | 28 | 150 | 13987 | 1 | -60.0 | 24.8 | 2 | 93 | 266 | 29 | 150 | 13414 | 1 | -49.4 | 31.3 | 1 | 94 | 278 | 29 |
| 200 | 12092 | 3 | -53.1 | 22.6 | 3 | 91 | 262 | 34 | 200 | 12160 | 1 | -52.5 | 21.9 | 2 | 94 | 264 | 34 | 200 | 11534 | 1 | -51.0 | 26.6 | 2 | 91 | 277 | 28 |
| 300 | 9415 | 2 | -40.1 | 13.8 | 3 | 81 | 266 | 24 | 300 | 9474 | 1 | -38.2 | 14.4 | 2 | 91 | 265 | 26 | 300 | 8898 | 0 | -48.0 | 14.6 | 2 | 83 | 272 | 29 |
| 500 | 5724 | 1 | -12.8 | 17.5 | 1 | 78 | 273 | 14 | 500 | 5764 | 0 | -11.7 | 19.1 | 1 | 84 | 275 | 15 | 500 | 5367 | 0 | -24.8 | 13.0 | 0 | 83 | 273 | 21 |
| 700 | 3076 | 0 | 2.8 | 19.3 | 1 | 72 | 265 | 8 | 700 | 3106 | 0 | 4.4 | 21.6 | 1 | 68 | 282 | 7 | 700 | 2845 | 0 | -9.9 | 12.9 | 0 | 81 | 273 | 15 |
| 850 | 1485 | 0 | 8.6 | 6.0 | 2 | 65 | 297 | 6 | 850 | 1507 | 0 | 9.7 | 7.9 | 1 | 47 | 291 | 4 | 850 | 1328 | 0 | -3.5 | 5.8 | 0 | 80 | 275 | 12 |
| 9999 | * 6 | | | | | | | | 9999 | * 109 | | | | | | | | 9999 | * 6 | | | | | | | |

UPPER AIR

NOVEMBER 2001

| 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 NOV 2001 0456N 11456E OB 3 | | | | | | | | | SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 NOV 2001 0129N 11020E OB 3 | | | | | | | | | SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 NOV 2001 0312N 11302E OB 3 | | | | | | | | |
| 030 | | | | | | | | | 030 | 23772 | 3 | -51.7 | 32.4 | 3 | 36 | 259 | 3 | 030 | 23756 | 10 | -52.6 | 30.6 | 9 | 8 | 293 | 1 |
| 050 | 20557 | | -68.5 | 22.4 | 9 | 95 | 93 | 20 | 050 | 20573 | 1 | -68.6 | 21.9 | 1 | 98 | 89 | 22 | 050 | 20563 | 7 | -68.9 | 17.4 | 7 | 98 | 88 | 22 |
| 100 | 16562 | 2 | -84.7 | 11.6 | 3 | 96 | 100 | 23 | 100 | 16571 | 0 | -84.1 | 12.8 | 0 | 96 | 94 | 23 | 100 | 16569 | 1 | -84.9 | 10.9 | 1 | 97 | 101 | 24 |
| 150 | 14238 | 2 | -68.3 | 10.3 | 3 | 93 | 88 | 16 | 150 | 14248 | 0 | -68.2 | 11.4 | 0 | 95 | 89 | 18 | 150 | 14248 | 1 | -68.5 | 9.3 | 1 | 94 | 87 | 17 |
| 200 | 12448 | 2 | -52.7 | 9.8 | 3 | 89 | 90 | 10 | 200 | 12459 | 0 | -52.9 | 9.9 | 0 | 97 | 95 | 14 | 200 | 12459 | 1 | -53.0 | 8.3 | 1 | 90 | 85 | 11 |
| 300 | 9695 | 2 | -29.8 | 7.5 | 3 | 80 | 114 | 6 | 300 | 9707 | 0 | -29.7 | 8.0 | 0 | 90 | 106 | 7 | 300 | 9707 | 0 | -29.8 | 6.4 | 0 | 88 | 110 | 7 |
| 500 | 5856 | 1 | -4.8 | 5.9 | 4 | 31 | 137 | 2 | 500 | 5869 | 0 | -5.0 | 4.0 | 0 | 16 | 260 | 1 | 500 | 5869 | 0 | -5.0 | 3.9 | 0 | 28 | 161 | 2 |
| 700 | 3135 | 0 | 9.5 | 5.3 | 4 | 35 | 258 | 2 | 700 | 3148 | 0 | 9.7 | 4.6 | 0 | 73 | 266 | 5 | 700 | 3148 | 0 | 9.7 | 3.8 | 0 | 54 | 253 | 4 |
| 850 | 1495 | 0 | 17.8 | 4.2 | 4 | 55 | 250 | 3 | 850 | 1508 | 0 | 18.1 | 4.7 | 0 | 70 | 272 | 5 | 850 | 1508 | 0 | 17.8 | 3.0 | 0 | 62 | 259 | 4 |
| 1004 | * 15 | | 26.3 | 2.0 | | | | | 9999 | * 27 | | | | | | | | 9999 | * 5 | | | | | | | |
| SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 NOV 2001 0556N 11603E OB 3 | | | | | | | | | SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 NOV 2001 0416N 11753E OB 3 | | | | | | | | | SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 NOV 2001 1211S 09649E OB 3 | | | | | | | | |
| 030 | 23783 | 13 | -53.2 | 30.9 | 9 | 60 | 91 | 6 | 030 | 23774 | 1 | -52.3 | 32.8 | 1 | 36 | 95 | 3 | 030 | 23753 | 1 | -57.4 | 30.6 | 1 | 99 | 92 | 21 |
| 050 | 20584 | 4 | -67.5 | 21.2 | 4 | 98 | 94 | 20 | 050 | 20581 | 1 | -67.9 | 24.2 | 1 | 98 | 90 | 20 | 050 | 20577 | 1 | -65.7 | 25.8 | 1 | 97 | 92 | 19 |
| 100 | 16580 | 0 | -84.5 | 11.3 | 0 | 95 | 102 | 22 | 100 | 16581 | 1 | -84.8 | 12.4 | 1 | 96 | 102 | 22 | 100 | 16560 | 1 | -82.0 | 11.6 | 3 | 93 | 76 | 11 |
| 150 | 14254 | 0 | -68.1 | 9.8 | 0 | 92 | 89 | 15 | 150 | 14253 | 1 | -68.0 | 10.3 | 1 | 91 | 86 | 15 | 150 | 14228 | 0 | -68.3 | 10.8 | 0 | 80 | 64 | 8 |
| 200 | 12463 | 0 | -52.6 | 8.7 | 0 | 88 | 92 | 11 | 200 | 12462 | 1 | -52.7 | 9.4 | 1 | 85 | 86 | 10 | 200 | 12441 | 0 | -53.4 | 10.7 | 0 | 73 | 43 | 6 |
| 300 | 9707 | 0 | -29.6 | 6.1 | 0 | 73 | 107 | 5 | 300 | 9709 | 1 | -29.6 | 8.0 | 1 | 70 | 105 | 5 | 300 | 9696 | 0 | -30.1 | 18.0 | 0 | 63 | 72 | 5 |
| 500 | 5867 | 0 | -4.8 | 4.4 | 0 | 30 | 117 | 3 | 500 | 5869 | 1 | -4.8 | 5.7 | 1 | 30 | 157 | 2 | 500 | 5858 | 0 | -4.6 | 18.7 | 0 | 49 | 64 | 4 |
| 700 | 3144 | 0 | 9.8 | 4.0 | 0 | 25 | 283 | 2 | 700 | 3146 | 1 | 10.1 | 5.2 | 1 | 45 | 278 | 3 | 700 | 3137 | 0 | 9.7 | 7.9 | 0 | 42 | 35 | 3 |
| 850 | 1502 | 0 | 17.9 | 3.0 | 0 | 40 | 257 | 3 | 850 | 1502 | 1 | 18.7 | 3.7 | 1 | 58 | 283 | 3 | 850 | 1500 | 0 | 16.3 | 2.7 | 0 | 62 | 61 | 5 |
| 9999 | * 3 | | | | | | | | 9999 | * 20 | | | | | | | | 9999 | * 3 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|---------------------|-------|----|------------------------------|--------------------|
| 06030 | C | AALBORG | DENMARK & FAROE IS. | 08359 | C | ALICANTE | SPAIN |
| 04220 | CT | AASIAAT (EGEDESMINDE) | GREENLAND | 08360 | C | ALICANTE/ELALTET | SPAIN |
| 40831 | C | ABADAN | IRAN, ISLAMIC REP | 94326 | CT | ALICE SPRINGS AERO | AUSTRALIA |
| 47409 | C | ABASHIRI | JAPAN | 42475 | C | ALLAHABAD/BAMHRAULI | INDIA |
| 07005 | C | ABBEVILLE | FRANCE | 72517 | C | ALLENTOWN/A.-BETHLEHEM-.,PA. | USA |
| 03091 | C | ABERDEEN/DYCEAIRPORT | U KINGDOM | 36870 | CT | ALMATY | KAZAKHSTAN |
| 03502 | C | ABERPORTH | U KINGDOM | 08487 | C | ALMERIA/AEROPUERTO | SPAIN |
| 41112 | C | ABHA | SAUDI ARABIA | 82965 | T | ALTA FLORESTA (AEROPORTO) | BRAZIL |
| 72266 | C | ABILENE/MUN.,TX. | USA | 44277 | C | ALTAI | MONGOLIA |
| 41217 | CT | ABU DHABI INTER. AIRPORT | U ARAB EMIRATES | 51076 | C | ALTAY | CHINA |
| 62640 | C | ABU HAMED | SUDAN | 42071 | C | AMRITSAR | INDIA |
| 62795 | C | ABU NA'AMA | SUDAN | 89009 | T | AMUNDSSEN-SCOTT | USA |
| 76805 | C | ACAPULCO,GRO. | MEXICO | 25563 | C | ANADYR' | RUSSIAN FEDERATION |
| 80427 | C | ACARIGUA | VENEZUELA | 70273 | CT | ANCHORAGE/INT. | USA |
| 63450 | C | ADDIS ABABA-BOLE | ETHIOPIA | 17130 | CT | ANKARA/CENTRAL | TURKEY |
| 60620 | C | ADRAR | ALGERIA | 60360 | C | ANNABA | ALGERIA |
| 76679 | T | AEROP. INTERNACIONALMEXICO, | MEXICO | 70398 | C | ANNETTEISLAND | USA |
| 76644 | C | AEROP.INTERNACIONALMERIDA, | MEXICO | 67025 | C | ANTALAHA | MADAGASCAR |
| 87582 | C | AEROPARQUEBS. AS. AERO | ARGENTINA | 17300 | C | ANTALYA | TURKEY |
| 86246 | C | AEROPUERTOINT GUARANI | PARAGUAY | 67083 | CT | ANTANANARIVO/IVATO | MADAGASCAR |
| 17190 | C | AFYON | TURKEY | 85442 | CT | ANTOFAGASTA | CHILE |
| 61024 | C | AGADEVZ | NIGER | 40718 | C | ANZALI | IRAN, ISLAMIC REP |
| 61974 | C | AGALEGA | MAURITIUS | 47575 | C | AOMORI | JAPAN |
| 42647 | CT | AHMADABAD | INDIA | 98232 | C | APARRI | PHILIPPINES |
| 47602 | C | AIKAWA | JAPAN | 80084 | C | APARTADO/LOSCEDROS | COLOMBIA |
| 60560 | C | AIN SEFRA | ALGERIA | 83096 | C | ARACAJU | BRAZIL |
| 61499 | C | AION EL ATROUSS | MAURITANIA | 48462 | C | ARANYAPRATHET | THAILAND |
| 07761 | CT | AJACCIO | FRANCE | 40357 | C | ARAR | SAUDI ARABIA |
| 31168 | C | AJAN | RUSSIAN FEDERATION | 80099 | C | ARAUCA/SANTIAGOPEREZ | COLOMBIA |
| 47582 | CT | AKITA | JAPAN | 83579 | C | ARAXA | BRAZIL |
| 42933 | C | AKOLA | INDIA | 84752 | C | AREQUIPA | PERU |
| 72521 | C | AKRON/AKRON-CANTONREG., OH. | USA | 22550 | CT | ARHANGEL'SK | RUSSIAN FEDERATION |
| 04063 | C | AKUREYRI | ICELAND | 85406 | C | ARICA | CHILE |
| 04082 | C | AKURNES | ICELAND | 86330 | C | ARTIGAS | URUGUAY |
| 40420 | C | AL AHSA | SAUDI ARABIA | 44288 | C | ARVAIHEER | MONGOLIA |
| 41055 | C | AL BAHA | SAUDI ARABIA | 60452 | C | ARZEW | ALGERIA |
| 40361 | C | AL-JOUF | SAUDI ARABIA | 47407 | C | ASAHIKAWA | JAPAN |
| 08280 | C | ALBACETE/LOSLLANOS | SPAIN | 72315 | C | ASHEVILLE/MUN.,NC | USA |
| 94802 | CT | ALBANY AIRPORT | AUSTRALIA | 62414 | CT | ASSWAN | EGYPT |
| 72365 | C | ALBUQUERQUE/INT.,NM. | USA | 34880 | C | ASTRAHAN' | RUSSIAN FEDERATION |
| 31004 | CT | ALDAN | RUSSIAN FEDERATION | 08011 | C | ASTURIAS/AVILES | SPAIN |
| 07139 | C | ALENCON | FRANCE | 86218 | C | ASUNCION/AEROPUERTO | PARAGUAY |
| 40007 | C | ALEPPO INT. AIRPORT | SYRIAN ARAB REP | 65376 | C | ATAKPAME | TOGO |
| 71082 | T | ALERT UA, N.W.T. | CANADA | 62680 | C | ATBARA | SUDAN |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|--------------------|-------|----|------------------------------|--------------------|
| 17607 | T | ATHALASSA | CYPRUS | 80028 | C | BARRANQUILLA/ERNESTOCORTISSO | COLOMBIA |
| 16716 | C | ATHINAI (AIRPORT) | GREECE | 83236 | C | BARREIRAS | BRAZIL |
| 72219 | C | ATLANTA/MUN.,GA. | USA | 70026 | CT | BARROW/W.POST W. ROGERS | USA |
| 72407 | C | ATLANTIC CITY, NJ. | USA | 44305 | C | BARUUN-URT | MONGOLIA |
| 91925 | CT | ATUONA | FRENCH POLY. | 44241 | C | BARUUNKHARAA | MONGOLIA |
| 35700 | T | ATYRAY | KAZAKHSTAN | 44213 | C | BARUUNTURUUN | MONGOLIA |
| 94601 | C | AUGUSTA CAPE LEEUWIN | AUSTRALIA | 98135 | C | BASCO | PHILIPPINES |
| 72218 | C | AUGUSTA/BUSHFIELD, GA. | USA | 89057 | C | BASE ARTUROPRAT | CHILE |
| 72254 | C | AUSTIN/ROBERTMUELLER.,TX. | USA | 89034 | C | BASE BELGRANOII | ARGENTINA |
| 07265 | C | AUXERRE | FRANCE | 89059 | C | BASE BERNARDOO'HIGGINS | CHILE |
| 08210 | C | AVILA | SPAIN | 88963 | C | BASE ESPERANZA | ARGENTINA |
| 08330 | C | BADAJOS/TALAVERA REAL | SPAIN | 89053 | C | BASE JUBANY | ARGENTINA |
| 30554 | C | BAGDARIN | RUSSIAN FEDERATION | 89055 | C | BASE MARAMBIO (CENTROMET. A | ARGENTINA |
| 83980 | C | BAGE | BRAZIL | 88968 | C | BASE ORCADAS | ARGENTINA |
| 71727 | C | BAGOTVILLE,QUE. | CANADA | 89066 | C | BASE SAN MARTIN | ARGENTINA |
| 98328 | C | BAGUIO | PHILIPPINES | 07790 | CT | BASTIA | FRANCE |
| 87750 | C | BAHIA BLANCA AERO | ARGENTINA | 60468 | C | BATNA | ALGERIA |
| 86033 | C | BAHIA NEGRA | PARAGUAY | 44302 | C | BAYAN-OVOO | MONGOLIA |
| 41150 | C | BAHRAIN (INT. AIRPORT) | BAHRAIN | 44275 | C | BAYANBULAG | MONGOLIA |
| 44265 | C | BAITAG | MONGOLIA | 44352 | C | BAYANDELGER | MONGOLIA |
| 71926 | CT | BAKER LAKE UA,N.W.T. | CANADA | 44287 | C | BAYANHONGOR | MONGOLIA |
| 07299 | C | BALE-MILHOUSE | FRANCE | 60571 | CT | BECHAR | ALGERIA |
| 35796 | C | BALHASH | KAZAKHSTAN | 72412 | C | BECKLEY(RALEIGHCTY.MUN),WV. | USA |
| 17150 | C | BALIKESIR | TURKEY | 54511 | CT | BEIJING | CHINA |
| 85874 | C | BALMACEDA | CHILE | 60402 | C | BEJAIA | ALGERIA |
| 72406 | C | BALTIMORE/BALTIMORE-WASHINGT | USA | 82191 | C | BELEM | BRAZIL |
| 61291 | C | BAMAKO/SENOU | MALI | 82193 | T | BELEM (AEROPORTO) | BRAZIL |
| 96011 | C | BANDA ACEH/BLANGBINTANG | INDONESIA | 03917 | C | BELFAST/ALDERGROVEAIRPORT | U KINGDOM |
| 40875 | C | BANDARABBASS | IRAN, ISLAMIC REP | 43198 | C | BELGAUM/SAMBRA | INDIA |
| 71122 | C | BANFF,ALTA. | CANADA | 78583 | C | BELIZE/PHILLIPGOLDSTONINTL | BELIZE |
| 43295 | C | BANGALORE | INDIA | 03976 | C | BELMULLET | IRELAND |
| 64656 | C | BANGASSOU | CENTRALAFRICAN REP | 83587 | C | BELO HORIZONTE | BRAZIL |
| 48455 | CT | BANGKOK | THAILAND | 82246 | C | BELTERRA | BRAZIL |
| 64650 | CT | BANGUI | CENTRALAFRICAN REP | 40180 | C | BEN-GURIONINT. AIRPORT | ISRAEL |
| 96685 | C | BANJARMASIN/SYAMSUDDINNOOR | INDONESIA REP | 60602 | C | BENI ABBES | ALGERIA |
| 82784 | C | BARBALHA | BRAZIL | 60518 | C | BENI-SAF | ALGERIA |
| 80419 | C | BARCELONA | VENEZUELA | 82410 | C | BENJAMIN CONSTANT | BRAZIL |
| 08181 | C | BARCELONA/AEROPUERTO | SPAIN | 13274 | C | BEOGRAD | YUGOSLAVIA |
| 87765 | C | BARILOCHEAERO | ARGENTINA | 64600 | C | BERBERATI | CENTRALAFRICAN REP |
| 80440 | C | BARINAS | VENEZUELA | 01317 | C | BERGEN/FLORIDA | NORWAY |
| 29838 | C | BARNAUL | RUSSIAN FEDERATION | 10384 | C | BERLIN-TEMPELHOF | GERMANY |
| 80410 | C | BARQUISIMETO | VENEZUELA | 40179 | T | BET DAGAN | ISRAEL |
| 82571 | C | BARRADO CORDA | BRAZIL | 70219 | C | BETHEL/BETHEL AIRPORT, AK. | USA |
| 80091 | C | BARRANCABERMEJA/YARIGUIES | COLOMBIA | 68461 | CT | BETHLEHEM | SOUTH AFRICA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|----------------------------|---------------------|-------|----|------------------------------|---------------------|
| 40100 | CT | BEYROUTH(AEROPORT) | LEBANON | 03862 | C | BOURNEMOUTH AIRPORT | U KINGDOM |
| 42971 | CT | BHUBANESWAR | INDIA | 61461 | C | BOUTILIMIT | MAURITANIA |
| 12295 | C | BIALYSTOK | POLAND | 08575 | C | BRAGANCA | PORTUGAL |
| 42165 | C | BIKANER | INDIA | 83377 | C | BRASILIA | BRAZIL |
| 08025 | C | BILBAO/SONDICA | SPAIN | 83378 | T | BRASILIA (AEROPORTO) | BRAZIL |
| 72677 | C | BILLINGS/LOGANINT., MT. | USA | 30309 | C | BRATSK | RUSSIAN FEDERATION |
| 61017 | C | BILMA | NIGER | 64450 | C | BRAZZAVILLE/MAYA-MAYA | CONGO |
| 72515 | C | BINGHAMTON/BROOME CO., NY. | USA | 10224 | C | BREMEN | GERMANY |
| 96441 | CT | BINTULU | MALAYSIA | 07110 | CT | BREST | FRANCE |
| 61401 | C | BIR MOGHREIN | MAURITANIA | 64655 | C | BRIA | CENTRAL AFRICAN REP |
| 94482 | C | BIRDSVILLE POLICE STATION | AUSTRALIA | 16320 | T | BRINDISI | ITALY |
| 61075 | C | BIRNI-N' KONNI | NIGER | 11723 | C | BRNO/TURANY | CZECH REP |
| 41084 | C | BISHA | SAUDI ARABIA | 10453 | C | BROCKEN | GERMANY |
| 60525 | C | BISKRA | ALGERIA | 94689 | C | BROKEN HILL PATTON STREET | AUSTRALIA |
| 72764 | CT | BISMARCK/MUN., ND. | USA | 94203 | CT | BROOME AIRPORT | AUSTRALIA |
| 15085 | C | BISTRITA | ROMANIA | 72250 | C | BROWNSVILLE/INT., TX. | USA |
| 64510 | C | BITAM | GABON | 96315 | CT | BRUNEI AIRPORT | BRUNEI DARUSSALAM |
| 01028 | CT | BJORNOYA | NORWAY | 80094 | C | BUCARAMANGA/PALONEGRO | COLOMBIA |
| 31510 | C | BLAGOVESCHENSK | RUSSIAN FEDERATION | 15420 | CT | BUCURESTI/IMH | ROMANIA |
| 68442 | C | BLOEMFONTEIN AIRPORT | SOUTH AFRICA | 12843 | CT | BUDAPEST/LORINC | HUNGARY |
| 82024 | C | BOA VISTA | BRAZIL | 87585 | C | BUENOS AIRES OBSERVATORIO | ARGENTINA |
| 65510 | C | BOBO-DIOULASSO | BURKINA FASO | 72528 | C | BUFFALO/GREATER BUFFALO, NY. | USA |
| 01152 | CT | BODO | NORWAY | 67964 | C | BULAWAYO(GOETZ OBSY.) | ZIMBABWE |
| 80222 | CT | BOGOTA/ELDORADO | COLOMBIA | 44239 | C | BULGAN | MONGOLIA |
| 29282 | C | BOGUCANY | RUSSIAN FEDERATION | 08075 | C | BURGOS/VILLAFRIA | SPAIN |
| 65338 | C | BOHICON | BENIN | 94259 | C | BURKETOWN | AUSTRALIA |
| 72681 | C | BOISE/MUN., ID. | USA | 72617 | C | BURLINGTON/INTL, VT. | USA |
| 83288 | CT | BOM JESUS DA LAPA | BRAZIL | 17116 | C | BURSA | TURKEY |
| 43057 | C | BOMBAY/COLABA | INDIA | 86268 | C | CAAZAPA | PARAGUAY |
| 43003 | T | BOMBAY/SANTACRUZ | INDIA | 98330 | C | CABANATUAN | PHILIPPINES |
| 31253 | C | BOMNAK | RUSSIAN FEDERATION | 95916 | C | CABRAMURRA | AUSTRALIA |
| 23884 | C | BOR | RUSSIAN FEDERATION | 08261 | C | CACERES | SPAIN |
| 91929 | C | BORA-BORA | FRENCH POLY. ON | 08452 | C | CADIZ | SPAIN |
| 07510 | C | BORDEAUX/MERIGNAC | FRANCE | 07027 | C | CAEN | FRANCE |
| 60444 | C | BORDJ BOU ARRERIDJ | ALGERIA | 16560 | T | CAGLIARI/ELMAS | ITALY |
| 60686 | C | BORDJ B. MOKHTAR | ALGERIA | 94287 | C | CAIRNS AERO | AUSTRALIA |
| 65516 | C | BOROMO | BURKINA FASO | 80442 | C | CALABOZO | VENEZUELA |
| 64610 | C | BOSSANGO | CENTRAL AFRICAN REP | 42807 | C | CALCUTTA/ALIPORE | INDIA |
| 64605 | C | BOSSEMBELE | CENTRAL AFRICAN REP | 42809 | T | CALCUTTA/DUMDUM | INDIA |
| 72509 | C | BOSTON/LOGANINT., MA | USA | 80259 | C | CALI/ALFONSO BONILLA ARAGON | COLOMBIA |
| 60515 | C | BOU-SAADA | ALGERIA | 68618 | C | CALVINIA | SOUTH AFRICA |
| 61296 | C | BOUGOUNI | MALI | 03808 | T | CAMBORNE | U KINGDOM |
| 60417 | C | BOUIRA | ALGERIA | 71925 | T | CAMBRIDGE BAY UA, N.W.T. | CANADA |
| 07255 | C | BOURGES | FRANCE | 85315 | C | CAMIRI | BOLIVIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|---------------------------------|---------------|-------|----|-----------------------------|--------------------|
| 76695 | C | CAMPECHE, CAMP | MEXICO | 07314 | C | CHASSIRON | FRANCE |
| 83612 | T | CAMPO GRANDE (AEROPORTO) | BRAZIL | 93986 | T | CHATHAMISLAND | N ZEALAND |
| 83698 | C | CAMPOS | BRAZIL | 93987 | C | CHATHAMISLANDS AWS | N ZEALAND |
| 17112 | C | CANAKKALE | TURKEY | 74494 | T | CHATHAM, MA | USA |
| 07661 | C | CAP CEPET | FRANCE | 72324 | C | CHATTANOOGA/LOVELIFIELD, TN | USA |
| 61697 | C | CAP-SKIRRING | SENEGAL | 47184 | C | CHEJU | REP KOREA |
| 94805 | C | CAPE BORDA | AUSTRALIA | 56294 | C | CHENGDU | CHINA |
| 94967 | C | CAPE BRUNY | AUSTRALIA | 87322 | C | CHEPES | ARGENTINA |
| 71910 | C | CAPE DORSET, N.W.T. | CANADA | 42515 | C | CHERRAPUNJI | INDIA |
| 71094 | C | CAPE DYER, N.W.T. | CANADA | 76750 | C | CHETUMAL, Q.ROO | MEXICO |
| 72304 | C | CAPE HATTERAS, NC. | USA | 72564 | C | CHEYENNE, WY. | USA |
| 94842 | C | CAPE OTWAY LIGHTHOUSE | AUSTRALIA | 41768 | C | CHHOR | PAKISTAN |
| 68816 | CT | CAPE TOWN INTNL. AIRPORT | SOUTH AFRICA | 48327 | CT | CHIANG MAI | THAILAND |
| 86285 | C | CAPITAN MEZA | PARAGUAY | 71822 | C | CHIBOUGAMAUCHAPAIS, QUE. | CANADA |
| 16522 | C | CAPO CACCIA | ITALY | 72530 | C | CHICAGO/O'HARE, IL. | USA |
| 80416 | C | CARACAS/LACARLOTA | VENEZUELA | 47971 | CT | CHICHIJIMA | JAPAN |
| 80415 | C | CARACAS/MAIQUETIAAEROP. INT | VENEZUELA | 84452 | C | CHICLAYO | PERU |
| 83592 | C | CARATINGA | BRAZIL | 87213 | C | CHILECITO AERO | ARGENTINA |
| 83498 | CT | CARAVELAS | BRAZIL | 85672 | C | CHILLAN | CHILE |
| 72712 | C | CARIBOU/MUN., ME. | USA | 38262 | C | CHIMBAJ | UZBEKISTAN |
| 82765 | C | CAROLINA | BRAZIL | 30758 | CT | CHITA | RUSSIAN FEDERATION |
| 80432 | C | CARRIZAL | VENEZUELA | 60425 | C | CHLEF | ALGERIA |
| 80022 | C | CARTAGENA/RAFAELNUNEZ | COLOMBIA | 44259 | C | CHOIBALSAN | MONGOLIA |
| 71818 | C | CARTWRIGHT, NFLD. | CANADA | 44298 | C | CHOIR | MONGOLIA |
| 60155 | C | CASABLANCA | MOROCCO | 21946 | C | CHOKURDAH | RUSSIAN FEDERATION |
| 03967 | C | CASEMENT AERODROME | IRELAND | 47648 | C | CHOSHI | JAPAN |
| 89611 | CT | CASEY | AUSTRALIA | 93780 | C | CHRISTCHURCH | N ZEALAND |
| 72569 | C | CASPER/NATRONACOUNTY I., WY. | USA | 48517 | C | CHUMPHON | THAILAND |
| 08286 | C | CASTELLON | SPAIN | 47101 | C | CHUNCHON | REP KOREA |
| 87222 | C | CATAMARCA AERO. | ARGENTINA | 71913 | CT | CHURCHILLUA, MAN. | CANADA |
| 83676 | C | CATANDUVA | BRAZIL | 96805 | C | CILACAP | INDONESIA |
| 16459 | C | CATANIA/SIGONELLA | ITALY | 72421 | C | CINCINNATI/GREATERCIN., OH. | USA |
| 81405 | C | CAYENNE/ROCHAMBEAU | FRENCH GUIANA | 80444 | C | CIUDAD BOLIVAR | VENEZUELA |
| 94653 | C | CEDUNA AIRPORT | AUSTRALIA | 86248 | C | CIUDAD DEL ESTE | PARAGUAY |
| 89056 | C | CENTROMET. ANTARTICO'' PDTE. ED | CHILE | 08348 | C | CIUDAD REAL | SPAIN |
| 87257 | C | CERES AERO | ARGENTINA | 76491 | C | CIUDAD VICTORIA, TAMP | MEXICO |
| 87320 | C | CHEMICAL AERO | ARGENTINA | 07460 | C | CLERMONT-FERRAND | FRANCE |
| 48480 | C | CHANTHABURI | THAILAND | 15120 | C | CLUJ-NAPOCA | ROMANIA |
| 85230 | C | CHARANA | BOLIVIA | 71090 | C | CLYDE, N.W.T. | CANADA |
| 38687 | C | CHARDZHEV | TURKMENISTAN | 82425 | C | COARI | BRAZIL |
| 72414 | C | CHARLESTON/KANAWHA., WV. | USA | 76741 | C | COATZACOALCOS, VER. | MEXICO |
| 72208 | C | CHARLESTON/MUN., SC. | USA | 94711 | CT | COBAR | AUSTRALIA |
| 72314 | C | CHARLOTTE/DOUGLAS NC. | USA | 85041 | C | COBIJA | BOLIVIA |
| 71706 | C | CHARLOTTETOWN, P.E.I. | CANADA | 85223 | C | COCHABAMBA | BOLIVIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|-----------|-------|----|-----------------------------|-----------------|
| 43353 | T | COCHIN/WILLINGDON | INDIA | 83842 | C | CURITIBA | BRAZIL |
| 64504 | C | COCOBEACH | GABON | 83840 | T | CURITIBA (AEROPORTO) | BRAZIL |
| 96996 | CT | COCOS ISLAND AERO | AUSTRALIA | 84686 | C | CUZCO | PERU |
| 82326 | C | CODAJAS | BRAZIL | 43150 | T | CWC VISHAKHAPATNAM/WALTAIR | INDIA |
| 94791 | C | COFFS HARBOUR MO | AUSTRALIA | 98325 | C | DAGUPAN | PHILIPPINES |
| 70316 | CT | COLD BAY | USA | 61641 | CT | DAKAR/YOFF | SENEGAL |
| 43466 | C | COLOMBO | SRI LANKA | 41712 | C | DAL BANDIN | PAKISTAN |
| 86560 | C | COLONIA | URUGUAY | 44373 | C | DALANZADGAD | MONGOLIA |
| 76458 | C | COLONIA JUAN CARRAS-COMAZAT | MEXICO | 72259 | C | DALLAS-FORT WORTH/FORT.,TX. | USA |
| 72310 | C | COLUMBIA,SC. | USA | 42587 | C | DALTONGANJ | INDIA |
| 72445 | C | COLUMBIA/REGIONAL.MO. | USA | 40080 | C | DAMASCUS INT.AIRPORT | SYRIAN ARAB REP |
| 72428 | C | COLUMBUS/PORTCOLUMBUS,OH. | USA | 62805 | C | DAMAZINE | SUDAN |
| 76848 | C | COMITAN,CHIS. | MEXICO | 04320 | CT | DANMARKSHAVN | GREENLAND |
| 87860 | CT | COMODORORIVADAVIA AERO | ARGENTINA | 63894 | C | DAR ES SALAAM AIRPORT | U REP TANZANIA |
| 82861 | C | CONCEICAODO ARAGUAIA | BRAZIL | 60390 | CT | DAR-EL-BEIDA | ALGERIA |
| 86134 | C | CONCEPCION | PARAGUAY | 94120 | CT | DARWIN AIRPORT | AUSTRALIA |
| 85682 | C | CONCEPCION | CHILE | 44256 | C | DASHBALBAR | MONGOLIA |
| 72605 | C | CONCORD/MUN.,NH. | USA | 26544 | C | DAUGAVPILS | LATVIA |
| 87395 | C | CONCORDIA AERO | ARGENTINA | 71855 | C | DAUPHIN,MAN. | CANADA |
| 15480 | C | CONSTANTA | ROMANIA | 89571 | CT | DAVIS | AUSTRALIA |
| 60419 | C | CONSTANTINE | ALGERIA | 72429 | C | DAYTON/. COX, OH | USA |
| 85470 | C | COPIAPO | CHILE | 06260 | CT | DE BILT | NETHERLANDS |
| 71915 | CT | CORAL HARBOUR UA, N.W.T. | CANADA | 06235 | C | DE KOOY | NETHERLANDS |
| 87344 | C | CORDOBA AERO | ARGENTINA | 12882 | C | DEBRECEN | HUNGARY |
| 08410 | C | CORDOBA/AEROPUERTO | SPAIN | 65505 | C | DEDOUGOU | BURKINA FASO |
| 03955 | C | CORK AIRPORT | IRELAND | 40045 | C | DEIR EZZOR | SYRIAN ARAB REP |
| 80403 | C | CORO | VENEZUELA | 60387 | C | DELLYS | ALGERIA |
| 72251 | C | CORPUS CHRISTI/INT.,TX. | USA | 94869 | C | DENILQUIN POST OFFICE | AUSTRALIA |
| 87166 | C | CORRIENTES AERO. | ARGENTINA | 41624 | C | DERA ISMAIL KHAN | PAKISTAN |
| 17084 | C | CORUM | TURKEY | 72546 | C | DES MOINES/MUN.,IA. | USA |
| 83552 | C | CORUMBA | BRAZIL | 72537 | C | DETROIT/METROPOLITAN MI. | USA |
| 65344 | C | COTONOU | BENIN | 40416 | C | DHAHRAN | SAUDI ARABIA |
| 85864 | C | COYHAIQUE | CHILE | 41923 | T | DHAKA | BANGLADESH |
| 15450 | C | CRAIOVA | ROMANIA | 44477 | C | DHANKUTA | NEPAL |
| 82583 | C | CRATEUS | BRAZIL | 42314 | C | DIBRUGARH/MOHANBARI | INDIA |
| 82704 | C | CRUZEIRO DO SUL | BRAZIL | 67009 | C | DIEGO-SUAREZ | MADAGASCAR |
| 80097 | C | CUCUTA/CAMILODAZA | COLOMBIA | 61085 | C | DIFFA | NIGER |
| 08231 | C | CUENCA | SPAIN | 07280 | C | DIJON | FRANCE |
| 76726 | C | CUERNAVACA,MOR | MEXICO | 65562 | C | DIMBOKRO | COTE D'IVOIRE |
| 83361 | C | CUIABA | BRAZIL | 89054 | C | DINAMET-URUGUAY | URUGUAY |
| 76412 | C | CULIACAN,SIN | MEXICO | 63471 | C | DIREDAWA | ETHIOPIA |
| 80420 | C | CUMANA | VENEZUELA | 17280 | CT | DIYARBAKIR | TURKEY |
| 94626 | C | CUNDERDIN (POSTO) | AUSTRALIA | 60670 | C | DJANET | ALGERIA |
| 85629 | C | CURICO | CHILE | 60535 | C | DJELFA | ALGERIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|--------------------|-------|----|------------------------------|-------------------|
| 63862 | C | DODOMA | U REP TANZANIA | 17092 | C | ERZINCAN | TURKEY |
| 87648 | C | DOLORES AERO | ARGENTINA | 17096 | C | ERZURUM | TURKEY |
| 62650 | C | DONGOLA | SUDAN | 40800 | CT | ESFAHAN | IRAN, ISLAMIC REP |
| 65501 | C | DORI | BURKINA FASO | 03162 | C | ESKDALEMUIR | U KINGDOM |
| 64910 | CT | DOUALA OBS. | CAMEROON | 87803 | C | ESQUEL AERO | ARGENTINA |
| 10488 | C | DRESDEN-KLOTZSCHE | GERMANY | 60220 | C | ESSAOUIRA | MOROCCO |
| 41194 | C | DUBAI INTERNATIONAL AIRPORT | U ARAB EMIRATES | 10410 | T | ESSEN | GERMANY |
| 95719 | C | DUBBO AIRPORT AWS | AUSTRALIA | 71862 | C | ESTEVAN,SASK. | CANADA |
| 03969 | C | DUBLIN AIRPORT | IRELAND | 71917 | T | EUREKA UA, N.W.T. | CANADA |
| 72745 | C | DULUTH/INT.,MN. | USA | 72594 | C | EUREKA,CA. | USA |
| 68588 | CT | DURBAN INTNL. AIRPORT | SOUTH AFRICA | 72432 | C | EVANSVILLE/REG.,IN. | USA |
| 42731 | C | DWARKA | INDIA | 87576 | C | EZEIZA AERO | ARGENTINA |
| 24143 | C | DZARDZAN | RUSSIAN FEDERATION | 65507 | C | FADA N'GOURMA | BURKINA FASO |
| 68858 | C | EAST LONDON | SOUTH AFRICA | 70261 | C | FAIRBANKS/INT. | USA |
| 94907 | C | EAST SALE AIRPORT | AUSTRALIA | 72753 | C | FARGO/HECTORFIELD, ND. | USA |
| 62750 | C | ED DUEIM | SUDAN | 76698 | C | FELIPE CARRILLO PUERTO, Q.RO | MEXICO |
| 17050 | C | EDIRNE | TURKEY | 11155 | C | FEUERKOGEL | AUSTRIA |
| 71879 | C | EDMONTON MUNICIPAL ALTA. | CANADA | 10578 | C | FICHELBERG | GERMANY |
| 71119 | T | EDMONTON STONY PLAIN, ALTA | CANADA | 72637 | C | FLINT/BISHOP, MI. | USA |
| 40199 | C | EILAT | ISRAEL | 82678 | C | FLORIANO | BRAZIL |
| 28440 | C | EKATERINBURG | RUSSIAN FEDERATION | 83897 | C | FLORIANOPOLIS | BRAZIL |
| 62337 | C | EL ARISH | EGYPT | 82212 | C | FONTE BOA | BRAZIL |
| 62760 | C | EL FASHER | SUDAN | 87162 | C | FORMOSA AERO | ARGENTINA |
| 60590 | C | EL GOLEA | ALGERIA | 95646 | C | FORREST AWS | AUSTRALIA |
| 60540 | C | EL KHEITER | ALGERIA | 71932 | C | FORT MCMURRAY,ALTA. | CANADA |
| 62771 | C | EL OBEID | SUDAN | 71945 | CT | FORT NELSON UA,B.C. | CANADA |
| 60559 | C | EL OUED | ALGERIA | 71946 | C | FORT SIMPSON,N.W.T. | CANADA |
| 72270 | C | EL PASO/INT.,TX. | USA | 71934 | T | FORT SMITH UA,N.W.T. | CANADA |
| 80437 | C | EL VIGIA | VENEZUELA | 72344 | C | FORT SMITH/MUN.,AR. | USA |
| 60367 | C | EL-KALA | ALGERIA | 72533 | C | FORT WAYNE/MUN.,BAERFL.,IN. | USA |
| 60550 | C | ELBAYADH | ALGERIA | 67197 | CT | FORT-DAUPHIN | MADAGASCAR |
| 12160 | C | ELBLAG | POLAND | 82397 | CT | FORTALEZA | BRAZIL |
| 63686 | C | ELDORET | KENYA | 10637 | C | FRANKFURT/M-FLUGHAFEN | GERMANY |
| 72486 | C | ELY/YELLAND,NV. | USA | 72389 | C | FRESNO/AIR TERM.,CA. | USA |
| 07591 | CT | EMBRUN | FRANCE | 02226 | C | FROSON | SWEDEN |
| 10200 | C | EMDEN-FLUGPLATZ | GERMANY | 60035 | C | FUERTEVENTURA/AEROPUERTO | SPAIN |
| 76256 | C | EMPALME,SON | MEXICO | 47843 | C | FUKUE | JAPAN |
| 62781 | C | EN NAHUD | SUDAN | 47807 | CT | FUKUOKA | JAPAN |
| 86297 | C | ENCARNACION | PARAGUAY | 91643 | CT | FUNAFUTI | TUVALU |
| 29263 | C | ENISEJSK | RUSSIAN FEDERATION | 08522 | CT | FUNCHAL | MADEIRA |
| 24817 | C | ERBOGACEN | RUSSIAN FEDERATION | 60765 | C | GABES | TUNISIA |
| 44237 | C | ERDENEMANDAL | MONGOLIA | 60745 | C | GAFSA | TUNISIA |
| 53068 | C | ERENHOT | CHINA | 44284 | C | GAIUUT | MONGOLIA |
| 10554 | C | ERFURT-BINDERSLEBEN | GERMANY | 15310 | C | GALATI | ROMANIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|---------------------------|--------------------|-------|----|-----------------------------|--------------------|
| 83746 | T | GALEAO | BRAZIL | 94150 | CT | GOVE AIRPORT | AUSTRALIA |
| 72242 | C | GALVESTON,TX. | USA | 08419 | C | GRANADA/AEROPUERTO | SPAIN |
| 64454 | C | GAMBOMA | CONGO | 72476 | C | GRAND JUNCTION/WALKERF.,CO. | USA |
| 94926 | C | GANBERRAAMO | AUSTRALIA | 72635 | C | GRAND RAPIDS/KENTCO., MI. | USA |
| 71803 | C | GANDER INT. AIRPORT,NFLD. | CANADA | 78954 | C | GRANTLEY ADAMS | BARBADOS |
| 57993 | C | GANZHOU | CHINA | 11240 | C | GRAZ-THALERHOF-FLUGHAFEN | AUSTRIA |
| 61226 | C | GAO | MALI | 16253 | C | GRAZZANISE | ITALY |
| 65522 | C | GAOUA | BURKINA FASO | 72645 | C | GREEN BAY/A.-STRAUBEL,WI. | USA |
| 63723 | C | GARISSA | KENYA | 72317 | C | GREENSBORO/G.-HIGHPT., NC. | USA |
| 40405 | C | GASSIM | SAUDI ARABIA | 72312 | C | GREENVILLE/SPATANBURG,SC | USA |
| 42410 | CT | GAUHATI | INDIA | 10184 | CT | GREIFSWALD | GERMANY |
| 61099 | C | GAYA | NIGER | 08226 | C | GUADALAJARA | SPAIN |
| 62752 | C | GEDAREF | SUDAN | 76612 | C | GUADALAJARA,JAL. | MEXICO |
| 10628 | C | GEISENHEIM | GERMANY | 87497 | C | GUALEGUAYCHUAERO | ARGENTINA |
| 62770 | C | GENEINA | SUDAN | 76577 | C | GUANAJUATO,GTO. | MEXICO |
| 87532 | C | GENERAL PICO AERO | ARGENTINA | 80428 | C | GUANARE | VENEZUELA |
| 06700 | C | GENEVE-COINTRIN | SWITZERLAND | 59287 | C | GUANGZHOU | CHINA |
| 68828 | C | GEORGE AIRPORT | SOUTH AFRICA | 80448 | C | GUASDUALITO | VENEZUELA |
| 81001 | C | GEORGETOWN | GUYANA | 60403 | C | GUELMA | ALGERIA |
| 94275 | C | GEORGETOWN | AUSTRALIA | 80423 | C | GUIRIA | VENEZUELA |
| 94403 | CT | GERALDTON AIRPORT | AUSTRALIA | 02128 | C | GUNNARN | SWEDEN |
| 08184 | C | GERONA/COSTABRAVA | SPAIN | 40250 | C | H-4 'IRWAISHED' | JORDAN |
| 60566 | C | GHARDAIA | ALGERIA | 31735 | C | HABAROVSK | RUSSIAN FEDERATION |
| 40296 | C | GHOR EL SAFI | JORDAN | 47678 | CT | HACHIJOJIMA | JAPAN |
| 08495 | CT | GIBRALTAR | GIBRALTAR | 76692 | C | HACIENDA YLANG YLANG VER. | MEXICO |
| 08014 | C | GIJON | SPAIN | 59758 | C | HAIKOU | CHINA |
| 94461 | CT | GILES | AUSTRALIA | 40394 | CT | HAIL | SAUDI ARABIA |
| 17034 | C | GIRESUN | TURKEY | 50527 | CT | HAILAR | CHINA |
| 93292 | C | GISBORNE AERODROME AWS | N ZEALAND | 17285 | C | HAKKARI | TURKEY |
| 41140 | C | GIZAN | SAUDI ARABIA | 47430 | C | HAKODATE | JAPAN |
| 72768 | C | GLASGOW/INTL,MT. | USA | 71081 | CT | HALL BEACH UA,N.W.T. | CANADA |
| 20292 | C | GMO IM.E.K. FEDOROVA | RUSSIAN FEDERATION | 89022 | CT | HALLEY | U KINGDOM |
| 43192 | CT | GOA/PANJIM | INDIA | 94212 | C | HALLS CREEK AMO | AUSTRALIA |
| 87880 | C | GOBERNADOR GREGORES AERO | ARGENTINA | 40030 | C | HAMA | SYRIAN ARAB REP |
| 10499 | C | GOERLITZ | GERMANY | 47755 | C | HAMADA | JAPAN |
| 83423 | C | GOIANIA | BRAZIL | 43497 | C | HAMBANTOTA | SRI LANKA |
| 63331 | C | GONDAR | ETHIOPIA | 10149 | C | HAMBURG-FINKENWERDER | GERMANY |
| 71816 | CT | GOOSE UA,NFLD. | CANADA | 10147 | C | HAMBURG-FUHLBUETTEL | GERMANY |
| 71733 | C | GORE BAY,ONT. | CANADA | 52203 | C | HAMI | CHINA |
| 02527 | T | GOTEBORG/LANDVETTER | SWEDEN | 10338 | C | HANNOVER | GERMANY |
| 02512 | C | GOTEBORG/SAVE | SWEDEN | 23933 | CT | HANTY-MANSIJSK | RUSSIAN FEDERATION |
| 68906 | CT | GOUGH ISLAND | SOUTH AFRICA | 02196 | C | HAPARANDA | SWEDEN |
| 07535 | C | GOURDON | FRANCE | 67775 | C | HARARE (KUTSAGA) | ZIMBABWE |
| 61045 | C | GOURE | NIGER | 72508 | C | HARTFORD/BRADLEY INTL, CT. | USA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|---------------------|-------|----|------------------------------|--------------------|
| 60581 | C | HASSI-MESSAOUD | ALGERIA | 72747 | CT | INT.FALLS/FALLSINT.MN. | USA |
| 20891 | CT | HATANGA | RUSSIAN FEDERATION | 71907 | CT | INUKJUAQ, QUE | CANADA |
| 44207 | C | HATGAL | MONGOLIA | 71957 | CT | INUVIK UA,N.W.T. | CANADA |
| 78988 | C | HATO AIRPORT,CURACAO | CURACAO AND BONAIRE | 93844 | CT | INVERCARGILLAERODROME | N ZEALAND |
| 71935 | C | HAY RIVER,N.W.T. | CANADA | 94541 | C | INVERELLPOST OFFICE | AUSTRALIA |
| 72772 | C | HELENA/COUNTY-CITY.MT. | USA | 80370 | C | IPIALES/SANLUIS | COLOMBIA |
| 02974 | C | HELSINKI-VANTAA | FINLAND | 71909 | CT | IQALUIT,N.W.T. | CANADA |
| 62378 | CT | HELWAN | EGYPT | 84377 | C | IQUITOS | PERU |
| 16754 | C | HERAKLION(AIRPORT) | GREECE | 83881 | C | IRAI | BRAZIL |
| 91945 | C | HEREHERETUE | FRENCHPOLY. | 83836 | C | IRATI | BRAZIL |
| 60001 | C | HIERRO/AEROPUERTO | SPAIN | 68263 | T | IRENE | SOUTH AFRICA |
| 71066 | C | HIGH LEVEL, ALTA | CANADA | 30710 | C | IRKUTSK | RUSSIAN FEDERATION |
| 91285 | CT | HILO/GEN.LYMAN, HAWAII, | USA | 47918 | CT | ISHIGAKIJIMA | JAPAN |
| 94975 | CT | HOBART AIRPORT | AUSTRALIA | 85469 | C | ISLA DE PASCUA | CHILE |
| 10685 | C | HOF | GERMANY | 85585 | C | ISLA JUAN FERNANDEZ | CHILE |
| 10962 | C | HOHENPEISSENBERG | GERMANY | 17240 | CT | ISPARTA | TURKEY |
| 93615 | C | HOKITIKA AERODROMEAWS | N ZEALAND | 17062 | CT | ISTANBUL/GOZTEPE | TURKEY |
| 61240 | C | HOMBORI | MALI | 82445 | C | ITAITUBA | BRAZIL |
| 91182 | C | HONOLULU,OAHU, HAWAII | USA | 60010 | C | IZANA | SPAIN |
| 51828 | C | HOTAN | CHINA | 17220 | CT | IZMIR/GUZELYALT | TURKEY |
| 72243 | C | HOUSTON/INTERCONTI-NENTAL, | USA | 47800 | C | IZUHARA | JAPAN |
| 44218 | C | HOVD | MONGOLIA | 72235 | C | JACKSON/ALLENC. THOMP., MS. | USA |
| 08383 | C | HUELVA | SPAIN | 72206 | C | JACKSONVILLE/INTNL.,FL. | USA |
| 44285 | C | HUJIRT | MONGOLIA | 41715 | C | JACOBABAD | PAKISTAN |
| 72425 | C | HUNTINGTON,WV | USA | 83186 | C | JACOBINA | BRAZIL |
| 72654 | C | HURON/HURONREGIONAL, SD. | USA | 08417 | C | JAEN | SPAIN |
| 44232 | C | HUTAG | MONGOLIA | 43041 | C | JAGDALPUR | INDIA |
| 43128 | CT | HYDERABADAIRPORT | INDIA | 96749 | C | JAKARTA/SOEKARNO-HATTA | INDONESIA |
| 15090 | C | IASI | ROMANIA | 24959 | CT | JAKUTSK | RUSSIAN FEDERATION |
| 80214 | C | IBAGUE/PERALES | COLOMBIA | 76687 | C | JALAPA, VER | MEXICO |
| 08373 | C | IBIZA/ES CODOLA | SPAIN | 96195 | C | JAMBI/SULTAN TAHA | INDONESIA |
| 87097 | C | IGUAZU AERO | ARGENTINA | 01001 | CT | JAN MAYEN | NORWAY |
| 25248 | C | ILIRNEJ | RUSSIAN FEDERATION | 97690 | C | JAYAPURA/SENTANI | INDONESIA |
| 60640 | C | ILLIZI | ALGERIA | 41024 | CT | JEDDAH (KING ABDUL AZIZ INT. | SAUDI ARABIA |
| 04339 | CT | ILLOQQORTOORMIUT(SCORES BYSU | GREENLAND | 60725 | C | JENDOUBA | TUNISIA |
| 98637 | C | ILOILO | PHILIPPINES | 08451 | C | JEREZ DE LA FRONTERA AERO. | SPAIN |
| 31416 | C | IM POLINY OSIPENKO | RUSSIAN FEDERATION | 41598 | C | JHELUM | PAKISTAN |
| 64459 | C | IMPFONDO | CONGO | 60351 | C | JIJEL ACHOUAT | ALGERIA |
| 60611 | C | IN AMENAS | ALGERIA | 60353 | C | JIJEL PORT | ALGERIA |
| 60630 | T | IN SALAH | ALGERIA | 63402 | C | JIMMA | ETHIOPIA |
| 60690 | C | IN-GUEZZAM | ALGERIA | 52533 | C | JIUQUAN | CHINA |
| 72438 | C | INDIANAPOLIS/I.-MUN/WEL.,IN. | USA | 41756 | C | JIWANI | PAKISTAN |
| 42754 | C | INDORE | INDIA | 83481 | C | JOAO PINHEIRO | BRAZIL |
| 11120 | C | INNSBRUCK-FLUGHAFEN | AUSTRIA | 42339 | CT | JODHPUR | INDIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|-----------------------|-------|----|-----------------------------|---------------------|
| 02929 | C | JOENSUU | FINLAND | 44454 | C | KATHMANDU AIRPORT | NEPAL |
| 68368 | C | JOHANNESBURG INT. AIRPORT | SOUTH AFRICA | 26629 | C | KAUNAS | LITHUANIA |
| 02963 | CT | JOKIOINEN | FINLAND | 61257 | C | KAYES | MALI |
| 02550 | C | JONKOPING/AXAMO | SWEDEN | 27595 | CT | KAZAN' | RUSSIAN FEDERATION |
| 78762 | C | JUAN SANTAMARIA | COSTA RICA | 04018 | CT | KEFLAVIKURFLUGVOLLUR | ICELAND |
| 62941 | C | JUBA | SUDAN | 10946 | C | KEMPTEN | GERMANY |
| 87046 | C | JUJUY AERO | ARGENTINA | 61285 | C | KENIEBA | MALI |
| 78866 | CT | JULIANA AIRPORT, ST. MAARTEN | ST. MAARTEN, ST. EUST | 60120 | C | KENITRA | MOROCCO |
| 87548 | C | JUNIN AERO | ARGENTINA | 16641 | C | KERKYRA (AIRPORT) | GREECE |
| 32150 | CT | JUZHNO-SAHALINSK | RUSSIAN FEDERATION | 93997 | T | KERMADECIS. | N ZEALAND |
| 02935 | CT | JYVASKYLA | FINLAND | 40841 | C | KERMAN | IRAN, ISLAMIC REP |
| 67663 | C | KABWE | ZAMBIA | 40766 | C | KERMANSHAH | IRAN, ISLAMIC REP |
| 62810 | C | KADUGLI | SUDAN | 02805 | C | KEVO | FINLAND |
| 47827 | CT | KAGOSHIMA | JAPAN | 72201 | C | KEY WEST/INT., FL. | USA |
| 17255 | C | KAHRAMANMARAS | TURKEY | 44313 | C | KHALKH-GOL | MONGOLIA |
| 93678 | C | KAIKOURA | N ZEALAND | 41114 | C | KHAMIS MUSHAIT | SAUDI ARABIA |
| 97760 | C | KAIMANA/UTAROM | INDONESIA | 34300 | C | KHARKIV | UKRAINE |
| 60735 | C | KAIROUAN | TUNISIA | 62721 | C | KHARTOUM | SUDAN |
| 93012 | C | KAITAIA | N ZEALAND | 60476 | C | KHENCHELLA | ALGERIA |
| 02897 | C | KAJAANI | FINLAND | 61214 | C | KIDAL | MALI |
| 30469 | C | KALAKAN | RUSSIAN FEDERATION | 61498 | C | KIFFA | MAURITANIA |
| 16726 | C | KALAMATA (AIRPORT) | GREECE | 64387 | C | KIGALI | RWANDA |
| 94101 | C | KALUMBURU | AUSTRALIA | 02801 | C | KILPISJARVI | FINLAND |
| 25744 | C | KAMENSKOE | RUSSIAN FEDERATION | 68438 | C | KIMBERLEY | SOUTH AFRICA |
| 40001 | C | KAMISHLI | SYRIAN ARAB REP | 40417 | C | KING FAHAD INT. AIRPORT | SAUDI ARABIA |
| 71887 | C | KAMLOOPS, B.C. | CANADA | 40437 | CT | KING KHALED INT. AIRPORT | SAUDI ARABIA |
| 47605 | C | KANAZAWA | JAPAN | 70326 | C | KING SALMON | USA |
| 65306 | C | KANDI | BENIN | 45004 | CT | KING'S PARK | HONG KONG, CHINA |
| 47105 | C | KANGNUNG | REP KOREA | 78397 | CT | KINGSTON/NORMANMANLEY | JAMAICA |
| 22165 | C | KANIN NOS | RUSSIAN FEDERATION | 03066 | C | KINLOSS | U KINGDOM |
| 61679 | C | KAOLACK | SENEGAL | 30230 | CT | KIRENSK | RUSSIAN FEDERATION |
| 71831 | C | KAPUSKASING, ONT. | CANADA | 61270 | C | KITA | MALI |
| 41780 | C | KARACHIA AIRPORT | PAKISTAN | 11231 | C | KLAGENFURT-FLUGHAFEN | AUSTRIA |
| 35394 | CT | KARAGANDA | KAZAKHSTAN | 26509 | C | KLAJPEDA | LITHUANIA |
| 02080 | C | KARESUANDO | SWEDEN | 72326 | C | KNOXVILLE/MUN., TN. | USA |
| 62660 | C | KARIMA | SUDAN | 11487 | C | KOCELOVICE | CZECH REP |
| 10727 | C | KARLSRUHE | GERMANY | 06186 | C | KOEBENHAVN/LANDBOHOEJSKOLEN | DENMARK & FAROE IS. |
| 02418 | C | KARLSTADFLYGPLATS | SWEDEN | 29231 | CT | KOLPASEVO | RUSSIAN FEDERATION |
| 17098 | C | KARS | TURKEY | 10929 | C | KONSTANZ | GERMANY |
| 67475 | C | KASAMA | ZAMBIA | 17244 | C | KONYA | TURKEY |
| 51709 | C | KASHI | CHINA | 25954 | CT | KORF | RUSSIAN FEDERATION |
| 62730 | C | KASSALA | SUDAN | 91408 | C | KOROR, PALAU IS. | USA FEDERATION |
| 10438 | C | KASSEL | GERMANY | 62772 | C | KOSTI | SUDAN |
| 17074 | C | KASTAMONU | TURKEY | 42452 | C | KOTA AERODROME | INDIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|-------------|-------|----|------------------------------|---------------------|
| 48615 | CT | KOTA BHARU | MALAYSIA | 60040 | C | LANZAROTE/AEROPUERTO | SPAIN |
| 96471 | CT | KOTA KINABALU | MALAYSIA | 52889 | C | LANZHOU | CHINA |
| 70133 | CT | KOTZEBUE,RALPH WIEN | USA | 98223 | CT | LAOAG | PHILIPPINES |
| 91577 | C | KOUMAC (NLE-CALEDONIE) | N CALEDONIA | 16648 | C | LARISSA (AIRPORT) | GREECE |
| 61293 | C | KOUTIALA | MALI | 17609 | C | LARNACA AIRPORT | CYPRUS |
| 43314 | C | KOZHIKODE | INDIA | 87563 | C | LAS FLORES AERO | ARGENTINA |
| 12566 | C | KRAKOW | POLAND | 80241 | CT | LAS GAVIOTAS | COLOMBIA |
| 60514 | C | KSAR CHELLALA | ALGERIA | 60030 | C | LAS PALMAS DE GRAN CAN./GAN. | SPAIN |
| 48647 | C | KUALALUMPUR/SUBANG | MALAYSIA | 72386 | C | LAS VEGAS/MCCARRAN,NV. | USA |
| 48657 | C | KUANTAN | MALAYSIA | 40022 | C | LATTAKIA | SYRIAN ARAB REP |
| 96413 | CT | KUCHING | MALAYSIA | 94968 | C | LAUNCESTON AIRPORT | AUSTRALIA |
| 56778 | CT | KUNMING | CHINA | 07471 | C | LE BUY | FRANCE |
| 97372 | C | KUPANG/EL TARI | INDONESIA | 78925 | C | LE LAMENTIN | MARTINIQUE |
| 15730 | C | KURDJALI | BULGARIA | 78897 | CT | LE RAIZET, GUADELOUPE | ST.MARTIN, ST.BARTH |
| 47418 | C | KUSHIRO | JAPAN | 07207 | C | LE TALUT | FRANCE |
| 28952 | C | KUSTANAI | KAZAKHSTAN | 12120 | CT | LEBA | POLAND |
| 71906 | CT | KUUIJUAQ, QUE. | CANADA | 03257 | C | LEEMING | U KINGDOM |
| 71905 | C | KUUIJUAPIK, QUE. | CANADA | 98444 | C | LEGASPI | PHILIPPINES |
| 02869 | C | KUUSAMO | FINLAND | 12374 | T | LEGIONOWO | POLAND |
| 40582 | CT | KUWAIT INT'L AIRPORT | KUWAIT | 10469 | C | LEIPZIG-SCHKEUDITZ | GERMANY |
| 91366 | C | KWAJALEIN/BUCHOLZAAF, MARSH | USA | 83242 | C | LENCOIS | BRAZIL |
| 47158 | T | KWANGJU AB | REP KOREA | 08055 | C | LEON/VIRGENDEL CAMINO | SPAIN |
| 33345 | C | KYIV | UKRAINE | 08171 | C | LERIDA | SPAIN |
| 33393 | C | L'VIV | UKRAINE | 03005 | CT | LERWICK | U KINGDOM |
| 80476 | C | LA CANADA | VENEZUELA | 71874 | C | LETHBRIDGE, ALTA. | CANADA |
| 08001 | CT | LA CORUNA | SPAIN | 80398 | CT | LETICIA/VASQUEZCOBO | COLOMBIA |
| 08002 | C | LA CORUNA/ALVEDRO | SPAIN | 72422 | C | LEXINGTON/BLUEGRASS, KY. | USA |
| 71823 | T | LA GRANDE IV, QUE. | CANADA | 55591 | CT | LHASA | CHINA |
| 07020 | CT | LA HAGUE | FRANCE | 11603 | C | LIBEREC | CZECH REP |
| 78708 | C | LA MESA (SAN PEDRO SULA) | HONDURAS | 64500 | C | LIBREVILLE | GABON |
| 60005 | C | LA PALMA/AEROPUERTO | SPAIN | 91165 | C | LIHUE, KAUAI, HAWAII | USA |
| 76405 | C | LA PAZ, B.C.S. | MEXICO | 07015 | C | LILLE | FRANCE |
| 87217 | C | LA RIOJA AERO. | ARGENTINA | 67586 | C | LILONGWE INT'L AIRPORT | MALAWI |
| 71922 | C | LA RONGE, SASK | CANADA | 84628 | C | LIMA-CALLAO/AEROP.INTERNACI | PERU |
| 85488 | C | LA SERENA | CHILE | 07434 | C | LIMOGES | FRANCE |
| 87534 | C | LABOULAYE | ARGENTINA | 10393 | CT | LINDENBERG | GERMANY |
| 82723 | C | LABREA | BRAZIL | 08579 | T | LISBOA/GAGOCOUTINHO | PORTUGAL |
| 96465 | C | LABUAN | MALAYSIA | 08535 | C | LISBOA/GEOF | PORTUGAL |
| 60545 | C | LAGHOUAT | ALGERIA | 10020 | C | LIST/SYLT | GERMANY |
| 41640 | C | LAHORE CITY | PAKISTAN | 67743 | C | LIVINGSTONE | ZAMBIA |
| 08508 | T | LAJES/SANTARITA (ACORES) | PORTUGAL | 08084 | C | LOGRONO/AGONCILLO | SPAIN |
| 72240 | C | LAKE CHARLES/MUN., LA. | USA | 65387 | C | LOME | TOGO |
| 64551 | C | LAMBARENE | GABON | 03772 | C | LONDON/HEATHROW AIRPORT | U KINGDOM |
| 72576 | C | LANDER/HUNT, WY. | USA | 83766 | C | LONDRINA | BRAZIL |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|--------------|-------|----|-----------------------|-------------------|
| 94346 | C | LONGREACHAIRPORT | AUSTRALIA | 62840 | C | MALAKAL | SUDAN |
| 94995 | CT | LORD HOWE ISLAND AERO | AUSTRALIA | 87506 | C | MALARGUEAERO | ARGENTINA |
| 72295 | C | LOS ANGELES/INT.,CA. | USA | 17199 | C | MALATYA/BOLGE | TURKEY |
| 64401 | C | LOUBOMO | CONGO | 03980 | C | MALIN HEAD | IRELAND |
| 72423 | C | LOUISVILLE/STANDIFORD,KY. | USA | 63799 | C | MALINDI | KENYA |
| 48930 | C | LUANG-PRABANG | LAO PDR | 78741 | C | MANAGUA A.C.SANDINO | NICARAGUA |
| 72267 | C | LUBBOCK/LUBBOCKINTL, TX. | USA | 82331 | C | MANAUS | BRAZIL |
| 42369 | T | LUCKNOW/AMAUSI | INDIA | 82332 | T | MANAUS (AEROPORTO) | BRAZIL |
| 06770 | C | LUGANO | SWITZERLAND | 03334 | C | MANCHESTERAIRPORT | U KINGDOM |
| 08008 | C | LUGO/ROZAS | SPAIN | 44341 | C | MANDALGOVI | MONGOLIA |
| 16597 | C | LUQA | MALTA | 43285 | T | MANGALORE/PANAMBUR | INDIA |
| 06590 | C | LUXEMBOURG/LUXEMBOURG | LUXEMBOURG | 65352 | C | MANGO | TOGO |
| 03740 | C | LYNEHAM | U KINGDOM | 82533 | C | MANICORE | BRAZIL |
| 71078 | C | LYNN LAKE, MAN. | CANADA | 71722 | T | MANIWAKI,QUE. | CANADA |
| 60467 | C | M'SILA | ALGERIA | 97530 | C | MANOKWARI/RENDANI | INDONESIA |
| 40310 | C | MA'AN | JORDAN | 03797 | C | MANSTON | U KINGDOM |
| 44294 | C | MAANTI | MONGOLIA | 76654 | C | MANZANILLO,COL. | MEXICO |
| 82098 | C | MACAPA | BRAZIL | 87774 | C | MAQUINCHAO | ARGENTINA |
| 43185 | C | MACHILIPATNAM | INDIA | 87692 | C | MAR DEL PLATA AERO | ARGENTINA |
| 94367 | C | MACKAYMO | AUSTRALIA | 82562 | C | MARABA | BRAZIL |
| 72217 | C | MACON/LEWIS B.WILSON,GA. | USA | 80407 | C | MARACAIBO-LACHINITA | VENEZUELA |
| 94998 | CT | MACQUARIEISLAND | AUSTRALIA | 80413 | C | MARACAY - B.A. SUCRE | VENEZUELA |
| 98646 | C | MACTAN | PHILIPPINES | 61080 | C | MARADI | NIGER |
| 40430 | C | MADINAH | SAUDI ARABIA | 87467 | C | MARCO JUAREZ AERO | ARGENTINA |
| 72641 | C | MADISON/DANECOUNTY REGIONAL | USA | 16325 | C | MARINA DI GINOSA | ITALY |
| 43279 | CT | MADRAS/MINAMBAKKAM | INDIA | 68994 | CT | MARION ISLAND | SOUTH AFRICA |
| 08221 | CT | MADRID/BARAJAS | SPAIN | 86068 | C | MARISCAL ESTIGARRIBIA | PARAGUAY |
| 08223 | C | MADRID/CUATROVIENTOS | SPAIN | 60230 | C | MARRAKECH | MOROCCO |
| 08224 | C | MADRID/GETAFE | SPAIN | 94480 | C | MARREE | AUSTRALIA |
| 08227 | C | MADRID/TORREJON | SPAIN | 60506 | C | MASCARA METMORE | ALGERIA |
| 47624 | C | MAEBASHI | JAPAN | 40745 | CT | MASHHAD | IRAN, ISLAMIC REP |
| 40265 | CT | MAFRAQ | JORDAN | 61630 | C | MATAM | SENEGAL |
| 61091 | C | MAGARIA | NIGER | 76585 | C | MATLAPA, S.L.P. | MEXICO |
| 85114 | C | MAGDALENA | BOLIVIA | 47741 | C | MATSUE | JAPAN |
| 10361 | C | MAGDEBURG | GERMANY | 47618 | C | MATSUMOTO | JAPAN |
| 61096 | C | MAINE-SOROA | NIGER | 47887 | C | MATSUYAMA | JAPAN |
| 67073 | C | MAINTIRANO | MADAGASCAR | 80435 | C | MATURIN | VENEZUELA |
| 47750 | C | MAIZURU | JAPAN | 97300 | C | MAUMERE/WAIOTI | INDONESIA |
| 67027 | C | MAJUNGA | MADAGASCAR | 89564 | CT | MAWSON | AUSTRALIA |
| 91376 | C | MAJUORO/MARSHALLS. INTL | USA CAR | 64503 | C | MAYUMBA | GABON |
| 41030 | C | MAKKAH | SAUDI ARABIA | 70231 | C | MCGRATH | USA |
| 64556 | C | MAKOKOU | GABON | 60549 | C | MECHERIA | ALGERIA |
| 48665 | C | MALACCA | MALAYSIA | 96035 | C | MEDAN/POLONIA | INDONESIA |
| 08482 | C | MALAGA/AEROPUERTO | SPAIN | 60437 | C | MEDEA | ALGERIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|---------------------|-------|----|---------------------------|--------------------|
| 72597 | CT | MEDFORD/MEDFORD-JACKSON COU | USA | 47927 | C | MIYAKOJIMA | JAPAN |
| 71872 | C | MEDICINE HAT,ALTA. | CANADA | 47830 | C | MIYAZAKI | JAPAN |
| 94430 | C | MEEKATHARRAIRPORT | AUSTRALIA | 68242 | C | MMABATHO | SOUTH AFRICA |
| 10548 | CT | MEININGEN | GERMANY | 72223 | C | MOBILE/BATESFIELD, AL. | USA |
| 60150 | C | MEKNES | MOROCCO | 30673 | C | MOGOCA | RUSSIAN FEDERATION |
| 94866 | C | MELBOURNE AIRPORT | AUSTRALIA | 47165 | C | MOKPO | REP KOREA |
| 60338 | C | MELILLA | SPAIN | 72544 | C | MOLINE/QUADCITY, IL. | USA |
| 86440 | C | MELO | URUGUAY | 76342 | C | MONCLOVA,COAH. | MEXICO |
| 97014 | C | MENADO/DR.SAM RATULANGI | INDONESIA | 67633 | C | MONGU | ZAMBIA |
| 61250 | C | MENAKA | MALI | 07560 | C | MONT AIGOUAL | FRANCE |
| 87418 | C | MENDOZA AERO | ARGENTINA | 07607 | C | MONT-DE-MARSAN | FRANCE |
| 80425 | C | MENE GRANDE | VENEZUELA | 87393 | C | MONTE CASEROS AERO | ARGENTINA |
| 56985 | C | MENGZI | CHINA | 78388 | C | MONTEGO BAY/SANGSTER | JAMAICA |
| 08314 | C | MENORCA/MAHON | SPAIN | 76393 | C | MONTERREY,N.L. | MEXICO |
| 97980 | C | MERAUKE/MOPAH | INDONESIA | 83437 | C | MONTES CLAROS | BRAZIL |
| 86490 | C | MERCEDES | URUGUAY | 72226 | C | MONTGOMERY/DANNELLY AL. | USA |
| 80438 | C | MERIDA | VENEZUELA | 07643 | C | MONTPELLIER | FRANCE |
| 72234 | C | MERIDIAN/KEY,MS. | USA | 71627 | C | MONTREAL/DORVALINT'L,QUE | CANADA |
| 62306 | CT | MERSA MATRUH | EGYPT | 71836 | T | MOOSONEE,ONT. | CANADA |
| 17340 | C | MERSIN | TURKEY | 61265 | C | MOPTI | MALI |
| 48674 | C | MERSING | MALAYSIA | 76665 | C | MORELIA,MICH. | MEXICO |
| 16420 | C | MESSINA | ITALY | 08397 | C | MORON DE LA FRONTERA | SPAIN |
| 76680 | C | MEXICO (CENTRAL),D.F. | MEXICO | 94937 | C | MORUYE HEADS PILOT STN | AUSTRALIA |
| 72202 | C | MIAMI, FL. | USA | 27612 | CT | MOSKVA | RUSSIAN FEDERATION |
| 60195 | C | MIDELT | MOROCCO | 60457 | C | MOSTAGANEM VILLE | ALGERIA |
| 72265 | C | MIDLAND/MIDLANDREG., TX. | USA | 64550 | C | MOUILA | GABON |
| 16080 | T | MILANO/LINATE | ITALY | 94821 | CT | MOUNT GAMBIER AERO | AUSTRALIA |
| 94693 | C | MILDURA AIRPORT | AUSTRALIA | 88889 | CT | MOUNT PLEASANT AIRPORT | UK FALKLANDISLANDS |
| 11464 | C | MILESOVKA | CZECH REP | 63619 | C | MOYALE | KENYA |
| 60430 | C | MILIANA | ALGERIA | 94332 | CT | MT ISA AERO | AUSTRALIA |
| 07558 | C | MILLAU | FRANCE | 63971 | C | MTWARA | U REP TANZANIA |
| 72640 | C | MILWAUKEE/GEN.MITCHELL, WI. | USA | 10870 | C | MUENCHEN,FLUGHAFEN | GERMANY |
| 47945 | CT | MINAMIDAITOJIMA | JAPAN | 10868 | T | MUENCHEN-OBERSCHLEISSHEIM | GERMANY |
| 47991 | CT | MINAMITORISHIMA | JAPAN | 17292 | C | MUGLA | TURKEY |
| 43369 | C | MINICOY | INDIA | 42147 | C | MUKTESHWARKUMAON | INDIA |
| 72658 | C | MINNEAPOLIS/ST.PAULINTL,MN. | USA | 41675 | C | MULTAN | PAKISTAN |
| 26850 | C | MINSK | BELARUS | 08430 | CT | MURCIA | SPAIN |
| 29866 | C | MINUSINSK | RUSSIAN FEDERATION | 08429 | C | MURCIA/ALCANTARILLA | SPAIN |
| 96449 | C | MIRI | MALAYSIA ERATION | 08433 | C | MURCIA/SANJAVIER | SPAIN |
| 89592 | T | MIRNYJ | USSR N | 44231 | C | MUREN | MONGOLIA |
| 12772 | C | MISKOLC | HUNGARY | 22113 | CT | MURMANSK | RUSSIAN FEDERATION |
| 72773 | C | MISSOULA/JOHNSON-BELLF.,MT. | USA | 47899 | C | MUROTOMISAKI | JAPAN |
| 62016 | C | MISURATA | LIBYAN ARAB JAMAHIR | 72636 | C | MUSKEGON/COUNTY,MI. | USA |
| 47585 | C | MIYAKO | JAPAN | 63756 | C | MWANZA | U REP TANZANIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|---------------------|-------|----|------------------------------|---------------------|
| 25173 | C | MYS SHMIDTA | RUSSIAN FEDERATION | 61052 | CT | NIAMEY-AERO | NIGER |
| 25399 | C | MYS UELEN | RUSSIAN FEDERATION | 07690 | C | NICE | FRANCE |
| 61049 | C | N'GUIGMI | NIGER | 17250 | C | NIGDE | TURKEY |
| 60557 | C | NAAMA | ALGERIA | 02942 | C | NIINISALO | FINLAND |
| 47817 | C | NAGASAKI | JAPAN | 32618 | C | NIKOL'SKOE | RUSSIAN FEDERATION |
| 47636 | C | NAGOYA | JAPAN | 31369 | C | NIKOLAEVSK-NA-AMURE | RUSSIAN FEDERATION |
| 42867 | CT | NAGPUR SONEGAON | INDIA | 07645 | T | NIMES/COURBESSAC | FRANCE |
| 12925 | C | NAGYKANIZSA | HUNGARY | 98429 | C | NINOY AQUINO INTER- NATIONAL | PHILIPPINES |
| 47936 | CT | NAHA | JAPAN | 61230 | C | NIORO DU SAHEL | MALI |
| 63741 | T | NAIROBI/DAGORETTI | KENYA | 23724 | C | NJAKSIMVOL' | RUSSIAN FEDERATION |
| 63740 | C | NAIROBI/KENYATTA AIRPORT | KENYA | 70200 | CT | NOME | USA |
| 48431 | C | NAKHONRATCHASIMA | THAILAND | 94996 | CT | NORFOLK ISLAND AERO | AUSTRALIA |
| 48400 | C | NAKHONSAWAN | THAILAND | 72308 | C | NORFOLK/INT.,VA. | USA |
| 62002 | C | NALUT | LIBYAN ARAB JAMAHIR | 72556 | C | NORFOLK/KARLSTEFAN, NE. | USA |
| 58606 | C | NANCHANG | CHINA | 71043 | CT | NORMAN WELLS UA, N.W.T. | CANADA |
| 07180 | CT | NANCY/ESSEY | FRANCE | 71731 | C | NORTH BAY,ONT. | CANADA |
| 91680 | CT | NANDI | FIJI | 72340 | C | NORTH LITTLE ROCK/MUNICIPAL | USA |
| 59431 | C | NANNING | CHINA | 72562 | CT | NORTH PLATTE/LEEBIRD, NE. | USA |
| 07222 | C | NANTES | FRANCE | 61415 | C | NOUADHIBOU | MAURITANIA |
| 23205 | CT | NAR'JAN-MAR | RUSSIAN FEDERATION | 61442 | C | NOUAKCHOTT | MAURITANIA |
| 61233 | C | NARA | MALI | 91592 | CT | NOUMEA (NLLE-CALEDONIE) | N CALEDONIA |
| 04270 | T | NARSARSUAQ | GREENLAND | 16064 | C | NOVARA/CAMERI | ITALY |
| 72327 | CT | NASHVILLE/METROPOLITAN,TN. | USA | 89512 | T | NOVOLAZAREVSKAJA | USSR |
| 78073 | C | NASSAU AIRPORT | BAHAMAS | 10506 | C | NUERBURG-BARWEILER | GERMANY |
| 82598 | C | NATAL | BRAZIL | 10763 | C | NUERNBERG | GERMANY |
| 82599 | T | NATAL (AEROPORTO) | BRAZIL | 04250 | C | NUUK (GODTHAAB) | GREENLAND |
| 71813 | C | NATASHQUAN,QUE. | CANADA | 43473 | C | NUWARA ELIYA | SRI LANKA |
| 65319 | C | NATITINGOU | BENIN | 62790 | C | NYALA | SUDAN |
| 91683 | C | NAUSORI | FIJI | 64659 | C | OBO | CENTRAL AFRICAN REP |
| 08215 | C | NAVACERRADA | SPAIN | 33837 | C | ODESA | UKRAINE |
| 47909 | CT | NAZE | JAPAN | 31088 | CT | OHOTSK | RUSSIAN FEDERATION |
| 64700 | C | NDJAMENA | CHAD | 47815 | C | OITA | JAPAN |
| 80315 | C | NEIVA/BENITOSALAS | COLOMBIA | 24688 | C | OJMJAKON | RUSSIAN FEDERATION |
| 61497 | C | NEMA | MAURITANIA | 24125 | CT | OLENEK | RUSSIAN FEDERATION |
| 47420 | CT | NEMURO | JAPAN | 72792 | C | OLYMPIA, WA. | USA |
| 10280 | C | NEUBRANDENBURG | GERMANY | 47655 | C | OMAEZAKI | JAPAN |
| 89002 | CT | NEUMAYER | GERMANY | 44215 | C | OMNO-GOBI | MONGOLIA |
| 87715 | C | NEUQUEN AERO | ARGENTINA | 28698 | CT | OMSK | RUSSIAN FEDERATION |
| 10270 | C | NEURUPPIN | GERMANY | 47598 | C | ONAHAMA | JAPAN |
| 42182 | CT | NEW DELHI/SAFDARJUNG | INDIA | 91699 | C | ONO-I-LAU | FIJI |
| 72231 | C | NEW ORLEANS/MOISANTINT., LA | USA | 87016 | C | ORAN AERO | ARGENTINA |
| 93309 | C | NEW PLYMOUTH AHS | N ZEALAND | 60461 | C | ORAN PORT | ALGERIA |
| 72503 | C | NEW YORK/LA GUARDIA, NY. | USA | 60490 | C | ORAN/ES SENIA | ALGERIA |
| 94317 | C | NEWMAN AERO | AUSTRALIA | 35121 | CT | ORENBURG | RUSSIAN FEDERATION |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|-----------------------------|--------------------|-------|----|-------------------------------|---------------------|
| 08048 | C | ORENSE | SPAIN | 87289 | C | PASO DE LOS LIBRES AERO | ARGENTINA |
| 01241 | CT | ORLAND | NORWAY | 86460 | C | PASO DE LOS TOROS | URUGUAY |
| 72205 | C | ORLANDO/JETPORT,FL. | USA | 80342 | C | PASTO/ANTONIONARINO | COLOMBIA |
| 40712 | C | ORUMIEH | IRAN, ISLAMIC REP | 42492 | T | PATNA | INDIA |
| 85242 | C | ORURO | BOLIVIA | 82791 | C | PATOS | BRAZIL |
| 47772 | C | OSAKA | JAPAN | 06610 | T | PAYERNE | SWITZERLAND |
| 47122 | T | OSAN AB | REP KOREA | 12942 | C | PECS/POGANY | HUNGARY |
| 47675 | C | OSHIMA | JAPAN | 86097 | C | PEDRO JUAN CABALLERO | PARAGUAY |
| 01384 | C | OSLO/GARDERMOEN | NORWAY | 87544 | C | PEHUAJO AERO | ARGENTINA |
| 85782 | C | OSORNO | CHILE | 48601 | CT | PENANG/BAYANLEPAS | MALAYSIA |
| 11782 | C | OSTRAVA/MOSNOV | CZECH REP | 72688 | C | PENDLETON,OR. | USA |
| 20674 | CT | OSTROV DIKSON | RUSSIAN FEDERATION | 72532 | C | PEORIA/GREATERPEORIA, IL. | USA |
| 21432 | C | OSTROV KOTEL'NYJ | RUSSIAN FEDERATION | 80210 | C | PEREIRA/MATECANA | COLOMBIA |
| 20069 | C | OSTROV VIZE | RUSSIAN FEDERATION | 87852 | C | PERITO MORENO AERO | ARGENTINA |
| 65503 | C | OUAGADOUGOU | BURKINA FASO | 07747 | C | PERPIGNAN | FRANCE |
| 65502 | C | OUAHIGOUYA | BURKINA FASO | 94610 | CT | PERTH AIRPORT | AUSTRALIA |
| 60580 | C | OUARGLA | ALGERIA | 41530 | C | PESHAWAR | PAKISTAN |
| 60265 | C | OUARZAZATE | MOROCCO | 82983 | CT | PETROLINA | BRAZIL |
| 07100 | C | OUESSANT | FRANCE | 32540 | T | PETROPVLOVSK-KAMCATSKIJ | RUSSIAN FEDERATION |
| 64458 | C | OUESSO | CONGO | 72408 | C | PHILADELPHIA/INT.,PA. | USA |
| 60115 | C | OUIJDA | MOROCCO | 48378 | C | PHITSANULOK | THAILAND |
| 02875 | C | OULU | FINLAND | 72278 | C | PHOENIX/SKY HARBOR INTL, AZ. | USA |
| 60421 | C | OUM EL BOUAGHI | ALGERIA | 78970 | CT | PIARCO INT. AIRPORT, TRINIDAD | TRINIDAD AND TOBAGO |
| 08015 | C | OVIEDO | SPAIN | 76243 | C | PIEDRAS NEGRAS | MEXICO |
| 47663 | C | OWASE | JAPAN | 68174 | CT | PIETERSBURG | SOUTH AFRICA |
| 96163 | C | PADANG/TABING | INDONESIA | 87679 | C | PIGUE AERO | ARGENTINA |
| 91765 | CT | PAGO PAGO/INT. AIRPORT | SAMOA | 86255 | C | PILAR | PARAGUAY |
| 96109 | C | PAKANBARU/SIMPANGTIGA | INDONESIA | 87349 | C | PILAR OBSERVATORIO | ARGENTINA |
| 48955 | C | PAKSE | LAO PDR | 33019 | C | PINSK | BELARUS |
| 96221 | C | PALEMBANG/TALANGBETUTU | INDONESIA | 16158 | C | PISA/S. GIUSTO | ITALY |
| 08301 | CT | PALMA DE MALLORCA | SPAIN | 84691 | C | PISCO | PERU |
| 08306 | C | PALMA DE MALLORCA/SONSAN JU | SPAIN | 72520 | C | PITTSBURGH/GREATERPITT.,PA. | USA |
| 80479 | C | PALMICHAL | VENEZUELA | 84401 | C | PIURA | PERU |
| 40061 | C | PALMYRA | SYRIAN ARAB REP | 61990 | C | PLAISANCE (MAURITIUS) | MAURITIUS |
| 97072 | C | PALU/MUTIARA | INDONESIA | 07117 | C | PLOUMANACH | FRANCE |
| 43363 | C | PAMBAN | INDIA | 65518 | C | PO | BURKINA FASO |
| 08085 | C | PAMPLONA/NOAIN | SPAIN | 72578 | C | POCATELLO/NUM.,ID. | USA |
| 41739 | C | PANJGUR | PAKISTAN | 13463 | C | PODGORICA-GRAD | YUGOSLAVIA |
| 41560 | C | PARACHINAR | PAKISTAN | 61612 | C | PODOR | SENEGAL |
| 65330 | C | PARAKOU | BENIN | 47138 | CT | POHANG | REP KOREA |
| 87374 | C | PARANA AERO | ARGENTINA | 64400 | C | POINTE-NOIRE | CONGO |
| 93417 | CT | PARAPARAUMU AERODROME | N ZEALAND | 07335 | C | POITIERS | FRANCE |
| 82287 | C | PARNAIBA | BRAZIL | 91348 | C | PONAPE, CAROLINE ISLANDS. | USA |
| 87814 | C | PASO DE INDIOS | ARGENTINA | 71095 | C | POND INLET, N.W.T. | CANADA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|---------------|-------|----|-----------------------------|--------------------|
| 08053 | C | PONFERRADA | SPAIN | 76855 | C | PUERTO ANGEL, OAX | MEXICO |
| 83702 | C | PONTA PORA | BRAZIL | 80139 | C | PUERTO CARRENO/A.GUAUQUEA | COLOMBIA |
| 08044 | C | PONTEVEDRA | SPAIN | 86086 | C | PUERTO CASADO | PARAGUAY |
| 43063 | C | POONA | INDIA | 87896 | C | PUERTO DESEADO AERO | ARGENTINA |
| 11952 | T | POPRAD-GANOVCE | SLOVAKIA | 78767 | C | PUERTO LIMON | COSTA RICA |
| 11934 | C | POPRAD/TATRY | SLOVAKIA | 85799 | CT | PUERTO MONTT | CHILE |
| 80421 | C | PORLAMAR (AEROPUERTOINT. DE | VENEZUELA | 78458 | C | PUERTO PLATA | DOMINICAN REP |
| 43333 | CT | PORT BLAIR | INDIA | 85289 | C | PUERTO SUAREZ | BOLIVIA |
| 68842 | CT | PORT ELIZABETH | SOUTH AFRICA | 85934 | CT | PUNTA ARENAS | CHILE |
| 71109 | CT | PORT HARDY UA,B.C. | CANADA | 87596 | C | PUNTA INDIO B.A. | ARGENTINA |
| 94312 | CT | PORT HEDLAND AIRPORT | AUSTRALIA | 47159 | C | PUSAN | REP KOREA |
| 62641 | C | PORT SUDAN | SUDAN | 56137 | C | QAMDO | CHINA |
| 78437 | C | PORT-AU-PRINCE(DAMIEN) | HAITI | 54857 | C | QINGDAO | CHINA |
| 71197 | C | PORT-AUX-BASQUES,NFLD. | CANADA | 50745 | C | QIQIHAR | CHINA |
| 61998 | T | PORT-AUX-FRANCAIS(ILES KERG | OCEAN ISLANDS | 71103 | C | QUESNEL,B.C. | CANADA |
| 64501 | C | PORT-GENTIL | GABON | 41660 | C | QUETTA AIRPORT | PAKISTAN |
| 72698 | C | PORTLAND/INT.,OR. | USA | 80144 | C | QUIBDO/EL CARANO | COLOMBIA |
| 72606 | C | PORTLAND/INTNLJET PORT, ME | USA | 72797 | C | QUILLA YUTE, WA. | USA |
| 83967 | C | PORTO ALEGRE | BRAZIL | 82586 | C | QUIXERAMOBIM | BRAZIL |
| 83971 | T | PORTO ALEGRE (AERO- PORTO) | BRAZIL | 60135 | C | RABAT-SALE | MOROCCO |
| 83064 | C | PORTO NACIONAL | BRAZIL | 72306 | C | RALEIGH/RALEIGH-DURHAMNC. | USA |
| 08524 | C | PORTO SANTO | PORTUGAL | 93994 | C | RAOUL ISLAND KERMADECIS. | N ZEALAND |
| 82825 | C | PORTO VELHO | BRAZIL | 91958 | CT | RAPA | FRENCH POLY. |
| 08546 | C | PORTO/SERRADO PILAR | PORTUGAL | 72662 | C | RAPID CITY/REGIONALAIRPORT, | USA |
| 87178 | C | POSADAS AERO. | ARGENTINA | 91843 | C | RAROTONGA | COOK ISLANDS |
| 83332 | C | POSSE | BRAZIL | 40102 | C | RAYACK | LEBANON |
| 10379 | C | POTSDAM | GERMANY | 22602 | C | REBOLY | RUSSIAN FEDERATION |
| 12330 | C | POZNAN | POLAND | 82900 | CT | RECIFE (CURADO) | BRAZIL |
| 48500 | C | PRACHUAP KHIRIKHAN | THAILAND | 87270 | C | RECONQUISTAAERO | ARGENTINA |
| 11520 | CT | PRAHA-LIBUS | CZECH REP | 71863 | C | REGINA,SASK. | CANADA |
| 11518 | C | PRAHA/RUZYNE | CZECH REP | 07070 | C | REIMS | FRANCE |
| 16245 | T | PRATICA DI MARE | ITALY | 62801 | C | RENK | SUDAN |
| 86065 | C | PRATS-GIL | PARAGUAY | 07130 | C | RENNES | FRANCE |
| 68262 | C | PRETORIA | SOUTH AFRICA | 72488 | C | RENO/INT.,NV. | USA |
| 11659 | C | PRIBYSLAV | CZECH REP | 60401 | C | RESERVED | ALGERIA |
| 11423 | C | PRIMDA | CZECH REP | 76658 | C | RESERVED | MEXICO |
| 71869 | C | PRINCE ALBERT,SASK. | CANADA | 08219 | C | RESERVED | SPAIN |
| 71896 | C | PRINCE GEORGE,B.C. | CANADA | 10105 | C | RESERVED | GERMANY |
| 04390 | C | PRINS CHRISTIAN SUND | GREENLAND | 08420 | C | RESERVED | SPAIN |
| 76593 | C | PROGRESO, YUC. | MEXICO | 60415 | C | RESERVED | ALGERIA |
| 72507 | C | PROVIDENCE/GREENSTATE, RI. | USA | 44317 | C | RESERVED | MONGOLIA |
| 80002 | C | PROVIDENCIA (ISLA)/EL EMBRUJ | COLOMBIA | 10109 | C | RESERVED | GERMANY |
| 84515 | C | PUCALLPA | PERU | 71074 | C | RESERVED | CANADA |
| 85574 | C | PUDAHUEL | CHILE | 71713 | C | RESERVED | CANADA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|----------------------------|---------------------|-------|----|------------------------------|---------------------|
| 71721 | C | RESERVED | CANADA | 47740 | C | SAIGO | JAPAN |
| 10057 | C | RESERVED | GERMANY | 44336 | C | SAIKHAN-OVOO | MONGOLIA |
| 17123 | C | RESERVED | TURKEY | 61600 | C | SAINTE-LOUIS | SENEGAL |
| 87155 | CT | RESISTENCIA AERO. | ARGENTINA | 71805 | C | SAINTE-PIERRE | ST. PIERRE AND MIQU |
| 71924 | CT | RESOLUTEUA, N.W.T. | CANADA | 08594 | T | SAL ISLAND | CAPE VERDE |
| 08175 | C | REUS/AEROPUERTO | SPAIN | 41316 | CT | SALALAH | OMAN |
| 04030 | C | REYKJAVIK | ICELAND | 08202 | C | SALAMANCA/MATACAN | SPAIN |
| 85043 | C | RIBERALTA | BOLIVIA | 23330 | CT | SALEHARD | RUSSIAN FEDERATION |
| 94340 | C | RICHMOND | AUSTRALIA | 72572 | C | SALT LAKE CITY/INTL,UT. | USA |
| 95753 | C | RICHMOND AMO AWS | AUSTRALIA | 87047 | C | SALTA AERO | ARGENTINA |
| 72401 | C | RICHMOND/BYRD,VA. | USA | 76390 | C | SALTILLO,COAH | MEXICO |
| 91948 | C | RIKITEA | FRENCH POLY. | 86360 | C | SALTO | URUGUAY |
| 44203 | C | RINCHINHUMBE | MONGOLIA | 86210 | C | SALTOS DEL GUAIRA | PARAGUAY |
| 82915 | C | RIO BRANCO | BRAZIL | 83229 | CT | SALVADOR | BRAZIL |
| 87453 | C | RIO CUARTO AERO | ARGENTINA | 11150 | C | SALZBURG-FLUGHAFEN | AUSTRIA |
| 87925 | C | RIO GALLEGOS AERO | ARGENTINA | 35925 | C | SAM | KAZAKHSTAN |
| 80035 | T | RIOHACHA/ALMIRANTEPADILLA | COLOMBIA | 17030 | CT | SAMSUN | TURKEY |
| 80112 | C | RIONEGRO/J.M.CORDOVA | COLOMBIA | 61277 | C | SAN | MALI |
| 40438 | C | RIYADH | SAUDI ARABIA | 80001 | CT | SAN ANDRES (ISLA)/SESQUICENT | COLOMBIA |
| 72411 | C | ROANOKE/MUN.,VA. | USA | 72263 | C | SAN ANGELO/MATHIS,TX. | USA |
| 85268 | C | ROBORE | BOLIVIA | 80447 | C | SAN ANTONIO DEL TACHIRA | VENEZUELA |
| 86565 | C | ROCHA | URUGUAY | 87784 | C | SAN ANTONIO OESTE AERO | ARGENTINA |
| 72644 | C | ROCHESTER/MUN.,MN. | USA | 72253 | C | SAN ANTONIO/INT.,TX. | USA |
| 72529 | C | ROCHESTER/R-MONROECTY.,NY. | USA | 72290 | C | SAN DIEGO/LINDBERGH,CA. | USA |
| 94374 | CT | ROCKHAMPTON AERO | AUSTRALIA | 80450 | C | SAN FERNANDO DE APURE | VENEZUELA |
| 61988 | C | RODRIGUES | MAURITIUS | 72494 | C | SAN FRANCISCO/INTL,CA. | USA |
| 06190 | C | ROENNE | DENMARK & FAROE IS. | 85207 | C | SAN IGNACIO DE VELASCO | BOLIVIA |
| 87480 | C | ROSARIO AERO | ARGENTINA | 85104 | C | SAN JOAQUIN | BOLIVIA |
| 03957 | C | ROSSLARE | IRELAND | 85247 | C | SAN JOSE DE CHIQUITOS | BOLIVIA |
| 10170 | C | ROSTOCK-WARNEMUENDE | GERMANY | 87311 | C | SAN JUAN AERO | ARGENTINA |
| 34731 | T | ROSTOV-NA-DONU | RUSSIAN FEDERATION | 86260 | C | SAN JUAN BAUTISTA MISIONES | PARAGUAY |
| 08449 | C | ROTA | SPAIN | 80431 | C | SAN JUAN DE LOS MORROS | VENEZUELA |
| 89062 | C | ROTHERA POINT | U KINGDOM | 78526 | C | SAN JUAN/INTL, PUERTO RICO | PUERTO RICO AND US |
| 93247 | C | ROTORUA AERODROME | N ZEALAND | 87909 | C | SAN JULIAN AERO | ARGENTINA |
| 91650 | C | ROTUMA | FIJI | 87436 | C | SAN LUIS AERO | ARGENTINA |
| 07037 | C | ROUEN | FRANCE | 76539 | C | SAN LUIS POTOSI | MEXICO |
| 51777 | C | RUOQIANG | CHINA | 86185 | C | SAN PEDRO | PARAGUAY |
| 85141 | C | RURRENABAQUE | BOLIVIA | 87509 | C | SAN RAFAEL AERO | ARGENTINA |
| 71600 | CT | SABLE ISLAND,N.S. | CANADA | 08029 | C | SAN SEBASTIAN/FUENTERRABIA | SPAIN |
| 71051 | C | SACHS HARBOUR | CANADA | 08027 | C | SAN SEBASTIAN/IGUELDO | SPAIN |
| 72483 | C | SACRAMENTO/EXECUTIVECA. | USA | 96491 | C | SANDAKAN | MALAYSIA |
| 06680 | C | SAENTIS | SWITZERLAND | 71101 | C | SANDSPIT,B.C. | CANADA |
| 42671 | C | SAGAR | INDIA | 17270 | C | SANLIURFA | TURKEY |
| 60536 | C | SAIDA | ALGERIA | 85123 | C | SANTA ANA | BOLIVIA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|--------------------|-------|----|-----------------------------|-------------------|
| 60020 | CT | SANTA CRUZ DE TENE- RIFE, CM | SPAIN | 59316 | C | SHANTOU | CHINA |
| 85245 | C | SANTA CRUZ/EL TROMPILLO | BOLIVIA | 41136 | C | SHARURAH | SAUDI ARABIA |
| 80462 | C | SANTA ELENA DE UAIREN | VENEZUELA | 03414 | C | SHAWBURY | U KINGDOM |
| 08515 | C | SANTA MARIA (ACORES) | PORTUGAL | 71601 | C | SHEARWATER,N.S. | CANADA |
| 80009 | C | SANTA MARTA/SIMON BOLIVAR | COLOMBIA | 70414 | T | SHEMYA AFB | USA |
| 87623 | C | SANTA ROSA AERO | ARGENTINA | 54342 | C | SHENYANG | CHINA |
| 08023 | CT | SANTANDER | SPAIN | 33317 | C | SHEPETIVKA | UKRAINE |
| 08021 | C | SANTANDER/PARAYAS | SPAIN | 72666 | C | SHERIDAN/COUNTY,WY. | USA |
| 87129 | C | SANTIAGO DEL ESTERO AERO. | ARGENTINA | 47898 | C | SHIMIZU | JAPAN |
| 85577 | C | SANTIAGO QUINTA NORMAL | CHILE | 47778 | CT | SHIONOMISAKI | JAPAN |
| 08042 | C | SANTIAGO/LABACOLLA | SPAIN | 40848 | CT | SHIRAZ | IRAN, ISLAMIC REP |
| 78486 | C | SANTO DOMINGO | DOMINICAN REP | 72248 | C | SHREVEPORT/REG.LA. | USA |
| 82106 | C | SAO GABRIEL DA CACHOEIRA | BRAZIL | 26524 | C | SIAULIAI | LITHUANIA |
| 82280 | C | SAO LUIZ | BRAZIL | 64405 | C | SIBITI | CONGO |
| 83781 | C | SAO PAULO | BRAZIL | 15260 | C | SIBIU | ROMANIA |
| 47412 | CT | SAPPORO | JAPAN | 96073 | C | SIBOLGA/PINANGSORI | INDONESIA |
| 34172 | C | SARATOV | RUSSIAN FEDERATION | 96421 | C | SIBU | MALAYSIA |
| 65599 | C | SASSANDRA | COTE D'IVOIRE | 60520 | C | SIDI BEL ABBES | ALGERIA |
| 72734 | C | SAULT STE. MARIE, MI. | USA | 17210 | C | SIIRT | TURKEY |
| 97900 | C | SAUMLAKI | INDONESIA | 61297 | C | SIKASSO | MALI |
| 72207 | C | SAVANNAH/MUNICIPAL,GA. | USA | 42619 | C | SILCHAR | INDIA |
| 48947 | C | SAVANNAKHET | LAO PDR | 33946 | C | SIMFEROPOL' | UKRAINE |
| 65335 | C | SAVE | BENIN | 48698 | CT | SINGAPORE/CHANGIAIRPORT | SINGAPORE |
| 48938 | C | SAYABOURY | LAO PDR | 72557 | C | SIoux CITY/MUN.,IA. | USA |
| 71828 | C | SCHEFFERVILLE,QUE. | CANADA | 72651 | C | SIoux FALLS/FOSS FIELD, SD. | USA |
| 10035 | CT | SCHLESWIG | GERMANY | 71842 | C | SIoux LOOKOUT,ONT. | CANADA |
| 10162 | C | SCHWERIN | GERMANY | 17090 | C | SIVAS | TURKEY |
| 72793 | C | SEATTLE/S.-TACOMA,WA. | USA | 62417 | C | SIWA | EGYPT |
| 41256 | CT | SEEB, INTERNATIONALAIRPORT | OMAN | 60355 | C | SKIKDA | ALGERIA |
| 08213 | C | SEGOVIA | SPAIN | 71069 | C | SLAVE LAKE, ALTA | CANADA |
| 25703 | CT | SEJMCHAN | RUSSIAN FEDERATION | 11903 | C | SLIAC | SLOVAKIA |
| 96839 | C | SEMARANG/AHMADYANI | INDONESIA | 71950 | C | SMITHERS,B.C. | CANADA |
| 36177 | C | SEMIPALATINSK | KAZAKHSTAN | 02836 | CT | SODANKYLA | FINLAND |
| 40757 | C | SEM NAN | IRAN, ISLAMIC REP | 15614 | CT | SOFA (OBSERV.) | BULGARIA |
| 62762 | C | SENNAR | SUDAN | 65361 | C | SOKODE | TOGO |
| 48948 | C | SENO | LAO PDR | 76471 | C | SOMBRETE,ZAC | MEXICO |
| 47108 | C | SEOUL | REP KOREA | 63962 | C | SONGEA | U REP TANZANIA |
| 71811 | CT | SEPT-ILES UA,QUE. | CANADA | 48568 | CT | SONGKHLA | THAILAND |
| 60445 | C | SETIF | ALGERIA | 11146 | C | SONNBlick | AUSTRIA |
| 08391 | C | SEVILLA/SANPABLO | SPAIN | 08148 | C | SORIA | SPAIN |
| 63985 | T | SEYCHELLESINT. AIRPORT | SEYCHELLES | 76499 | C | SOTO LA MARINA, TAMP. | MEXICO |
| 63980 | C | SEYCHELLESINT. AIRPORT | SEYCHELLES | 16746 | C | SOUDA (AIRPORT) | GREECE |
| 58362 | CT | SHANGHAI | CHINA | 60423 | C | SOUK AHRAS | ALGERIA |
| 03962 | C | SHANNON AIRPORT | IRELAND | 72535 | C | SOUTH BEND/ST.JOSEPHCO.,IN. | USA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|----------------------------|--------------------|-------|----|----------------------------|--------------------|
| 72785 | C | SPOKANE/INT.,WA. | USA | 83235 | C | TAGUATINGA | BRAZIL |
| 68512 | CT | SPRINGBOK | SOUTH AFRICA | 91938 | CT | TAHITI-FAAA | FRENCH POLY. |
| 72439 | C | SPRINGFIELD/CAPITAL,IL. | USA | 61043 | C | TAHOUA | NIGER |
| 42027 | CT | SRINAGAR | INDIA | 41036 | C | TAIF | SAUDI ARABIA |
| 61986 | C | ST. BRANDON(ST. RAPHAEL) | MAURITIUS | 45011 | C | TAIPA | MACAU |
| 61901 | C | ST. HELENA IS. | OCEAN ISLANDS | 53772 | C | TAIYUAN | CHINA |
| 72434 | C | ST. LOUIS/LAMBERT,ST., MO. | USA | 47891 | C | TAKAMATSU | JAPAN |
| 70308 | C | ST. PAUL | USA | 91943 | C | TAKAROA | FRENCH POLY. |
| 26063 | CT | ST. PETERBURG | RUSSIAN FEDERATION | 72214 | C | TALLAHASSEE/MUN.,FL. | USA |
| 11028 | C | ST. POELTEN | AUSTRIA | 26038 | C | TALLINN | ESTONIA |
| 71801 | T | ST.JOHN'S UA,NLFD | CANADA | 60680 | CT | TAMANRASSET | ALGERIA |
| 83997 | C | ST.VITORIA DO PALMAR | BRAZIL | 38413 | C | TAMDY | UZBEKISTAN |
| 04312 | C | STATION NORD AWS | GREENLAND | 72211 | C | TAMPA/INT.,FL. | USA |
| 01415 | CT | STAVANGER/SOLA | NORWAY | 76548 | C | TAMPICO, TAMPS | MEXICO |
| 71815 | CT | STEPHENVILLEUA,NFLD | CANADA | 97876 | C | TANAH MERAH | INDONESIA |
| 72403 | T | STERLING, VA. | USA | 87645 | C | TANDIL AERO | ARGENTINA |
| 80475 | C | STO.DOMINGO(B.A.) | VENEZUELA | 47837 | C | TANEGASHIMA | JAPAN |
| 02485 | C | STOCKHOLM | SWEDEN | 60101 | C | TANGER(AERODROME) | MOROCCO |
| 03026 | CT | STORNOWAY | U KINGDOM | 96249 | C | TANJUNGPANDAN/BULUHTUMBANG | INDONESIA |
| 07190 | C | STRASBOURG | FRANCE | 76903 | C | TAPACHULA,CHIS. | MEXICO |
| 10738 | C | STUTTGART-ECHTERDINGEN | GERMANY | 96509 | C | TARAKAN/JUWATA | INDONESIA |
| 10739 | T | STUTTGART/SCHNARRENBERG | GERMANY | 94784 | C | TAREE RADIO STN 2RE | AUSTRALIA |
| 85283 | C | SUCRE | BOLIVIA | 44230 | C | TARIALAN | MONGOLIA |
| 15360 | C | SULINA | ROMANIA | 23552 | C | TARKO-SALE | RUSSIAN FEDERATION |
| 02365 | T | SUNDSVALL-HARNOSANDFPL | SWEDEN | 26242 | C | TARTU | ESTONIA |
| 24738 | C | SUNTAR | RUSSIAN FEDERATION | 38457 | CT | TASHKENT | UZBEKISTAN |
| 41268 | C | SUR | OMAN | 04360 | CT | TASIILAQ (AMASSALIK) | GREENLAND |
| 98653 | C | SURIGAO | PHILIPPINES | 47646 | T | TATENO | JAPAN |
| 47421 | C | SUTTSU | JAPAN | 96481 | CT | TAWAU | MALAYSIA |
| 01008 | C | SVALBARDLUFTHAVN | NORWAY | 60475 | C | TEBESSA | ALGERIA |
| 71870 | C | SWIFT CURRENT,SASK. | CANADA | 78720 | C | TEGUCIGALPA | HONDURAS |
| 94767 | C | SYDNEY AIRPORT | AUSTRALIA | 40754 | C | TEHRAN-MEHRABAD | IRAN, ISLAMIC REP |
| 23804 | CT | SYKTYVKAR | RUSSIAN FEDERATION | 85743 | C | TEMUCO | CHILE |
| 89532 | CT | SYOWA | JAPAN N | 60025 | C | TENERIFESUR | SPAIN |
| 72519 | C | SYRACUSE/HANCOCK,NY. | USA | 60015 | C | TENERIFE/LOSRODEOS | SPAIN |
| 12205 | C | SZCZECIN | POLAND | 60410 | C | TENES | ALGERIA |
| 12982 | CT | SZEGED | HUNGARY | 56739 | C | TENGCHONG | CHINA |
| 63832 | C | TABORA AIRPORT | U REP TANZANIA | 94238 | C | TENNANTCREEK MET OFFICE | AUSTRALIA |
| 65592 | C | TABOU | COTE D'IVOIRE | 83492 | C | TEOFILO OTONI | BRAZIL |
| 40706 | C | TABRIZ | IRAN, ISLAMIC REP | 76373 | C | TEPEHUANES,DGO | MEXICO |
| 40375 | CT | TABUK | SAUDI ARABIA | 76556 | C | TEPIC,NAY | MEXICO |
| 98550 | C | TACLOBAN | PHILIPPINES | 82578 | C | TERESINA | BRAZIL |
| 47133 | C | TAEJON | REP KOREA | 16232 | C | TERMOLI | ITALY |
| 98644 | C | TAGBILARAN | PHILIPPINES | 08235 | C | TERUEL | SPAIN |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|---------------------|-------|----|------------------------------|---------------------|
| 61202 | C | TESSALIT | MALI | 83618 | C | TRES LAGOAS | BRAZIL |
| 60318 | C | TETUAN/SANIARAMEL | MOROCCO | 16099 | C | TREVISO/S. ANGELO | ITALY |
| 94570 | C | TEWANTINRSL PARK | AUSTRALIA | 10609 | C | TRIER-PETRISBERG | GERMANY |
| 48946 | C | THAKHEK | LAO PDR | 16110 | C | TRIESTE | ITALY |
| 94492 | C | THARGOMINDAH | AUSTRALIA | 43418 | C | TRINCOMALEE | SRI LANKA |
| 71867 | CT | THE PAS, MAN. | CANADA | 83650 | T | TRINDADE (ILHA) | BRAZIL |
| 16622 | C | THESSALONIKI/MIKRA | GREECE | 40103 | C | TRIPOLI | LEBANON |
| 43371 | CT | THIRUVANANTHAPURAM | INDIA | 62010 | C | TRIPOLI INTERNATIONALAIRPOR | LIBYAN ARAB JAMAHIR |
| 71079 | C | THOMPSON WEATHER OFFICE-MAN. | CANADA | 01025 | C | TROMSO/LANGNES | NORWAY |
| 06011 | CT | THORSHAVN | DENMARK & FAROE IS. | 91334 | C | TRUK, CAROLINEIS. | USA |
| 41314 | C | THUMRAIT | OMAN | 44282 | C | TSETSERLEG | MONGOLIA |
| 60511 | C | TIARET | ALGERIA | 44347 | C | TSOGT-OVOO | MONGOLIA |
| 94485 | C | TIBOOBURRAPOST OFFICE | AUSTRALIA | 91954 | C | TUBUAI | FRENCH POLY. |
| 61450 | C | TIDJIKJA | MAURITANIA | 72274 | C | TUCSON/INT.,AZ. | USA |
| 61036 | C | TILLABERY | NIGER | 87121 | C | TUCUMAN AERO | ARGENTINA |
| 81002 | C | TIMEHRI CHEDDI JAGAN INTERNA | GUYANA | 98233 | C | TUGUEGARAO | PHILIPPINES |
| 60607 | C | TIMIMOUN | ALGERIA | 76634 | C | TULANCINGO,HGO. | MEXICO |
| 15247 | C | TIMISOARA | ROMANIA | 80453 | C | TUMEREMO | VENEZUELA |
| 02366 | C | TIMRA/MIDLANDA | SWEDEN | 60715 | CT | TUNIS-CARTHAGE | TUNISIA |
| 94131 | C | TINDAL AWS | AUSTRALIA | 24507 | CT | TURA | RUSSIAN FEDERATION |
| 60656 | C | TINDOUF | ALGERIA | 38507 | C | TURKMENBASHI | TURKMENISTAN |
| 03100 | C | TIREE | U KINGDOM | 02972 | C | TURKU | FINLAND |
| 60395 | C | TIZI-OUZOU | ALGERIA | 23472 | CT | TURUHANSK | RUSSIAN FEDERATION |
| 76683 | C | TLAXCALA, TLAX | MEXICO | 48407 | T | UBON RATCHATHANI | THAILAND |
| 60531 | C | TLEMCEN (ZENATA) | ALGERIA | 06447 | CT | UCCLE | BELGIUM |
| 28275 | C | TOBOL'SK | RUSSIAN FEDERATION | 16044 | T | UDINE/CAMPOFORMIDO | ITALY |
| 92100 | C | TOKUA W.O. | PAPUA N GUINEA | 16045 | C | UDINE/RIVOLTO | ITALY |
| 47662 | C | TOKYO | JAPAN | 48354 | C | UDON THANI | THAILAND |
| 08272 | C | TOLEDO | SPAIN | 44214 | C | UIGI | MONGOLIA |
| 72536 | C | TOLEDO/EXPRESS,OH. | USA | 97180 | C | UJUNG PANDANG/HASANUDDIN | INDONESIA |
| 76675 | C | TOLUCA, MEX | MEXICO | 44292 | C | ULAAN-BAATOR | MONGOLIA |
| 61223 | C | TOMBOUCTOU | MALI | 44212 | C | ULAAN-GOM | MONGOLIA |
| 71624 | C | TORONTO PEARSON INT'L. AIRPO | CANADA | 44272 | C | ULIASTAI | MONGOLIA |
| 76382 | C | TORREON, COAH. | MEXICO | 47115 | C | ULLUNGDO | REP KOREA |
| 08238 | C | TORTOSA | SPAIN | 44304 | C | UNDERKHAAN | MONGOLIA |
| 44225 | C | TOSONTSENGEL | MONGOLIA | 91652 | C | UNDU POINT | FIJI |
| 47746 | C | TOTTORI | JAPAN | 76225 | C | UNIV. DE CHIHUAHUA, CHIHUAHU | MEXICO |
| 60555 | C | TOUGGOURT | ALGERIA | 95322 | C | UNKNOWN | AUSTRALIA |
| 07630 | C | TOULOUSE/BLAGNAC | FRANCE | 94476 | C | UNKNOWN | AUSTRALIA |
| 94294 | CT | TOWNSVILLE AERO | AUSTRALIA | 86240 | C | UNKNOWN | PARAGUAY |
| 16429 | CT | TRAPANI/BIRGI | ITALY | 86128 | C | UNKNOWN | PARAGUAY |
| 86500 | C | TREINTA Y TRES | URUGUAY | 95964 | C | UNKNOWN | AUSTRALIA |
| 87828 | C | TRELEW AERO | ARGENTINA | 94517 | C | UNKNOWN | AUSTRALIA |
| 87688 | C | TRES ARROYOS | ARGENTINA | 68424 | CT | UPINGTON | SOUTH AFRICA |

STATION LIST RECENT DATA

| | | | | | | | |
|-------|----|------------------------------|--------------------|-------|----|------------------------------|--------------------|
| 47426 | C | URAKAWA | JAPAN | 26730 | C | VILNIUS | LITHUANIA |
| 51463 | CT | URUMQI | CHINA | 02590 | C | VISBY FLYGPLATS | SWEDEN |
| 17188 | C | USAK | TURKEY | 43149 | C | VISHAKHAPATNAM | INDIA |
| 87938 | C | USHUAIA AERO | ARGENTINA | 30054 | C | VITIM | RUSSIAN FEDERATION |
| 30635 | C | UST'-BARGUZIN | RUSSIAN FEDERATION | 83648 | C | VITORIA | BRAZIL |
| 25325 | C | UST'-OLOJ | RUSSIAN FEDERATION | 08080 | C | VITORIA | SPAIN |
| 85766 | C | VALDIVIA | CHILE | 83344 | C | VITORIA DA CONQUISTA | BRAZIL |
| 80472 | C | VALENCIA | VENEZUELA | 31960 | C | VLADIVOSTOK | RUSSIAN FEDERATION |
| 08285 | C | VALENCIA | SPAIN | 27037 | CT | VOLOGDA | RUSSIAN FEDERATION |
| 08284 | C | VALENCIA/AEROPUERTO | SPAIN | 22837 | C | VYTEGRA | RUSSIAN FEDERATION |
| 03953 | CT | VALENTIA OBSERVATORY | IRELAND | 72256 | C | WACO,MADISON-COOPER,TX. | USA |
| 80426 | C | VALERA | VENEZUELA | 62751 | C | WAD MEDANI | SUDAN |
| 08141 | C | VALLADOLID | SPAIN | 03377 | C | WADDINGTON | U KINGDOM |
| 08140 | C | VALLADOLID/VILLANBULA | SPAIN | 62600 | C | WADI HALFA | SUDAN |
| 80434 | C | VALLE DE LA PASCUA | VENEZUELA | 94910 | CT | WAGGA AIRPORT | AUSTRALIA |
| 03302 | C | VALLEY | U KINGDOM | 47600 | CT | WAJIMA | JAPAN |
| 17170 | C | VAN | TURKEY | 47401 | CT | WAKKANAI | JAPAN |
| 71892 | C | VANCOUVER INT. AIR- PORT, B. | CANADA | 12375 | C | WARSZAWA-OKECIE | POLAND |
| 01098 | C | VARDO | NORWAY | 72405 | C | WASHINGTON/NAT.,VA. | USA |
| 15552 | C | VARNA | BULGARIA | 03590 | C | WATTISHAM | U KINGDOM |
| 33038 | C | VASILEVICI | BELARUS | 40400 | C | WEJH | SAUDI ARABIA |
| 26477 | C | VELIKIE LUKI | RUSSIAN FEDERATION | 72203 | C | WEST PALM BEACH/INT.,FL. | USA |
| 26314 | C | VENTSPILS | LATVIA | 10055 | CT | WESTERMARKELSDORF | GERMANY |
| 83264 | C | VERA (GLEBA CELESTE) | BRAZIL | 71964 | CT | WHITEHORSE,UA, Y.T. | CANADA |
| 42909 | C | VERAVAL | INDIA | 72351 | C | WICHITA FALLS/SHEPS AFB TX | USA |
| 24266 | CT | VERHOJANSK | RUSSIAN FEDERATION | 61902 | C | WIDE AWAKE FIELD (ASCENSION) | OCEAN ISLANDS |
| 89063 | C | VERNADSKY | UKRAINE | 11035 | CT | WIEN/HOHEWARTE | AUSTRIA |
| 16090 | C | VERONA/VILLA FRANCA | ITALY | 72513 | C | WILKES-BARRE-SCRANTON PA. | USA |
| 15280 | C | VF. OMU | ROMANIA | 94776 | CT | WILLIAMTOWN AERODROME | AUSTRALIA |
| 72255 | C | VICTORIA/VICTORIAREG., TX. | USA | 94299 | CT | WILLIS ISLAND | AUSTRALIA |
| 15502 | C | VIDIN | BULGARIA | 72767 | C | WILLISTON/SLOULINFIELD, ND. | USA |
| 87791 | C | VIDMA AERO | ARGENTINA | 72583 | C | WINNEMUCCA/MUN.,NV. | USA |
| 48940 | C | VIENTIANE | LAO PDR | 71852 | C | WINNIPEG INT.AIRPORTMAN. | CANADA |
| 08045 | C | VIGO/PEINADOR | SPAIN | 12497 | C | WLODAWA | POLAND |
| 83208 | T | VILHENA (AEROPORTO) | BRAZIL | 12425 | T | WROCLAW I | POLAND |
| 24641 | C | VILJUJSK | RUSSIAN FEDERATION | 12424 | C | WROCLAW II | POLAND |
| 60096 | C | VILLA CISNEROS | WESTERN SAHARA | 57036 | C | XI'AN | CHINA |
| 87244 | C | VILLA DE MARIA DEL RIO SECO | ARGENTINA | 56571 | C | XICHANG | CHINA |
| 87328 | C | VILLA DOLORES AERO | ARGENTINA | 85365 | C | YACUIBA | BOLIVIA |
| 87448 | C | VILLA REYNOLDS AERO | ARGENTINA | 72781 | C | YAKIMA/YAKIMA AIR TERM.,WA. | USA |
| 11212 | C | VILLACHERALPE | AUSTRIA | 70361 | CT | YAKUTAT | USA |
| 76743 | C | VILLAHERMOSA,TAB | MEXICO | 94589 | C | YAMBA | AUSTRALIA |
| 86233 | C | VILLARRICA | PARAGUAY | 54292 | C | YANJI | CHINA |
| 80234 | C | VILLAVICENCIO/VANGUARDIA | COLOMBIA | 91413 | C | YAP, CAROLINE IS. | USA |

STATION LIST RECENT DATA

| | | | |
|-------|----|----------------------|---------------------|
| 71603 | CT | YARMOUTH,N.S. | CANADA |
| 40821 | C | YAZD | IRAN, ISLAMIC REP |
| 40439 | C | YENBO | SAUDI ARABIA |
| 53614 | C | YINCHUAN | CHINA |
| 51431 | C | YINING | CHINA |
| 47744 | T | YONAGO | JAPAN |
| 47168 | C | YOSU | REP KOREA |
| 72525 | C | YOUNGSTOWN,OH. | USA |
| 40856 | C | ZAHEDAN | IRAN, ISLAMIC REP |
| 98836 | C | ZAMBOANGA | PHILIPPINES |
| 08130 | C | ZAMORA | SPAIN |
| 76662 | C | ZAMORA, MICH | MEXICO |
| 44358 | C | ZAMYN-UUD | MONGOLIA |
| 81225 | C | ZANDERIJ | SURINAME |
| 40729 | C | ZANJAN | IRAN, ISLAMIC REP |
| 08160 | C | ZARAGOZA/AEROPUERTO | SPAIN |
| 57083 | C | ZHENGZHOU | CHINA |
| 57745 | C | ZHIJIANG | CHINA |
| 41620 | C | ZHOB | PAKISTAN |
| 61090 | C | ZINDER | NIGER |
| 17022 | C | ZONGULDAK | TURKEY |
| 61404 | C | ZOUERATE | MAURITANIA |
| 62007 | C | ZUARA | LIBYAN ARAB JAMAHIR |
| 10961 | C | ZUGSPITZE | GERMANY |
| 06660 | C | ZURICH (TOWN/VILLE). | SWITZERLAND |
| 25400 | C | ZYRJANKA | RUSSIAN FEDERATION |

These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

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

Climatological Data

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

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

Storm Data

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

Monthly Climatic Data for the World

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

Local Climatological Data

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

For Information Call:

(866) 742-3322 (Toll free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742-3322

TDD: (828) 271-4010

Fax number: (304) 726-4409

NCDC now offers an annual online subscription for the *Climatological Data* publication. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to October 1997 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$34 for online delivery (including back issues) compared to \$45 for offline delivery.** To order this and other subscriptions online with your credit card, go to: www.ncdc.noaa.gov/mpp.html and choose subscriptions.

Inquiries/Comments Call: (866) 742-3322 (Toll free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

| |
|---|
| PRSR STD POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19 |
|---|

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED