

# **International Arctic Buoy Programme Data Report 1 January 2003 – 31 December 2003**

by Mark Ortmeyer and Ignatius Rigor

Technical Memorandum

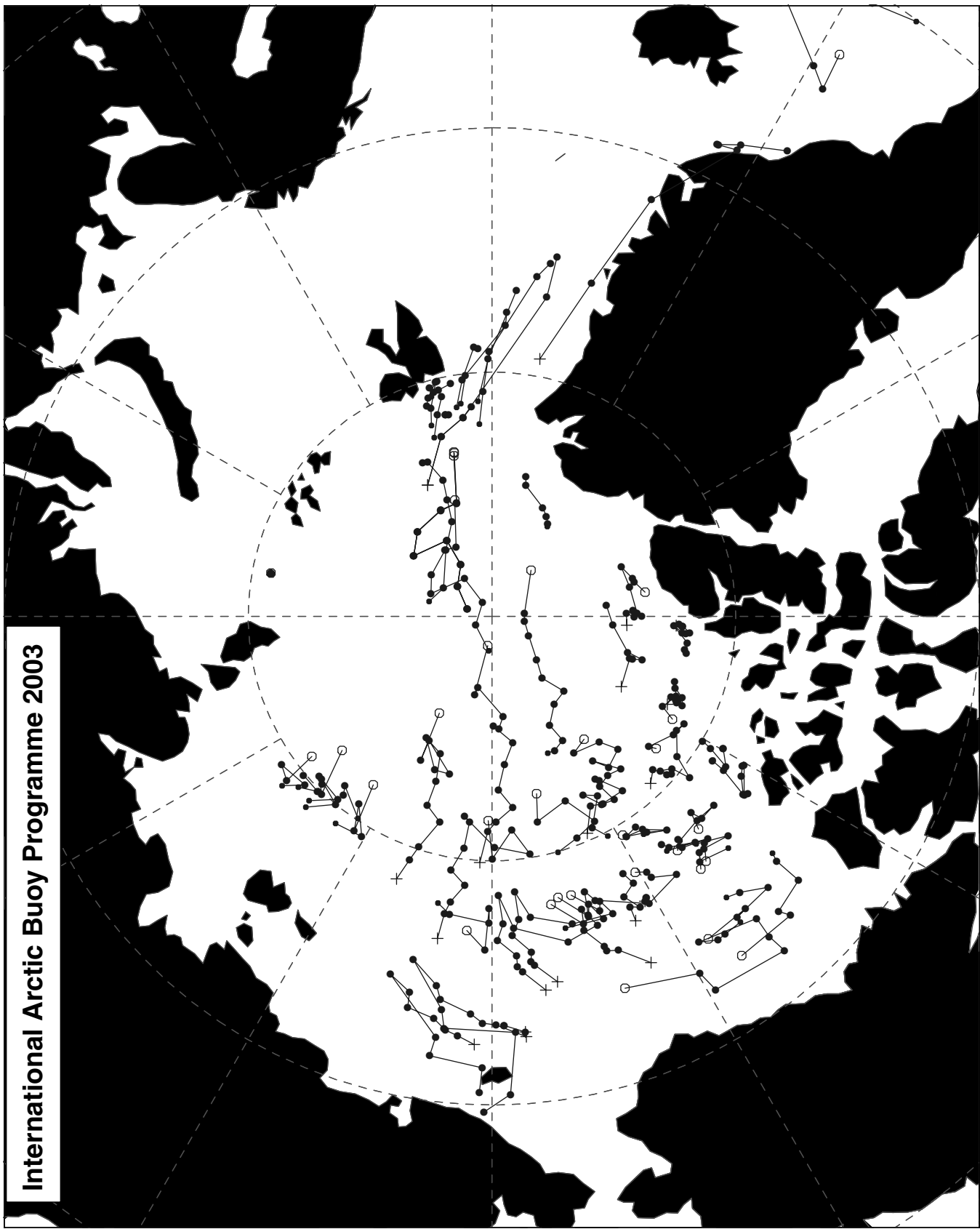
**APL-UW TM 2-04**

June 2004



**Applied Physics Laboratory University of Washington**  
1013 NE 40th Street Seattle, Washington 98105-6698

International Arctic Buoy Programme 2003



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## Participants of the International Arctic Buoy Programme

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| Arctic and Antarctic Research Institute, Russian Federal Service<br>of Hydrometeorology and Environmental Monitoring   | Russia      |
| Christian Michelsen Research   | Norway      |
| International Arctic Research Center   | USA / Japan |
| Japan Marine Science and Technology Center   | Japan       |
| Marine Environmental Data Service  | Canada      |
| Meteorological Service of Environment Canada, assisted by<br>other agencies including Polar Continental Shelf<br>Project, Canadian Coast Guard, Canadian Forces, and<br>Institute of Ocean Sciences      | Canada      |
| National Ice Center, representing the National Aeronautics and<br>Space Administration, National Science<br>Foundation, National Oceanic and Atmospheric<br>Administration, and Office of Naval Research | USA         |
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| Norwegian Meteorological Institute   | Norway      |
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| U.K. Meteorological Office   | UK          |
| Woods Hole Oceanographic Institution   | USA         |



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Oceanographic Commission, International  
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## **I. Introduction**

A network of automatic data buoys to monitor synoptic-scale fields of pressure, temperature, and ice motion throughout the Arctic Basin was recommended by the U.S. National Academy of Sciences in 1974. Based on the Academy's recommendation, the Arctic Ocean Buoy Programme was established by the Polar Science Center, University of Washington, in 1978 to support the Global Weather Experiment. Operations began in early 1979, and the program continued through 1990 under funding from various agencies. In 1991, the Arctic Ocean Buoy Programme was succeeded by the International Arctic Buoy Programme (IABP), but the basic objective remains – to establish and maintain a network of drifting buoys in the Arctic Ocean with which to provide data needed for real-time operations and meteorological and oceanographic research.

The IABP is funded and managed by participants of the program, including operational and research agencies, meteorological and oceanographic institutes, and government and nongovernmental organizations. The participants represent eight countries and one international agency.

This report is the twenty-third in a series of data reports beginning in 1979; it covers the period from 1 January 2003 through 31 December 2003.

## **II. Deployment Schedule**

Buoys that continued to operate in 2003 and their year of deployment are as follows:

|       |   |
|-------|---|
| 1998: | 2416  |
| 1999: | 1222, 3311, 20858   |
| 2000: | 5311, 15524, 20857, 24289, 26999,   |
| 2001: | 2419, 3693, 5300, 8063, 19577, 19578, 19579, 24294, 27414   |
| 2002: | 1907, 1908, 5302, 9120, 9834, 18922, 20726, 21078, 22204, 22207, 24293, 25499, 26211, 26694, 26695, 26697 |

Buoys deployed in 2003 are as follows:

|         |   |
|---------|---|
| March:  | 1097, 3335, 20601, 20626, 20627, 20751, 20755, 20756, 20811, 20835, 20842 |
| April:  | 9114, 9115, 21076, 21077, 22206, 24226, 24227, 29892                      |
| August: | 3690, 3981, 3982, 9357, 23676, 23678                                      |

September: 5314, 7950, 10120, 10810, 15453, 24290, 26699, 27035,  
27036, 27037, 40297, 40298, 40299, 40300

### III. Buoy Information

| Expr Number | Argos ID | GTS Header  | Date Deployed | WMO ID | Data Bytes | PT | Buoy Type           |
|-------------|----------|-------------|---------------|--------|------------|----|---------------------|
| 636         | 1097     |             | Mar 03        |        | 16         | ✓✓ | AWI                 |
| 484         | 1222     | SSVX07-LFPW | Aug 99        | 48601  | 17         | ✓✓ | ICEX - AIR          |
| 29          | 1907     | SSVX12-KARS | Aug 02        | 25521  | 21         | ✓✓ | ICEX-AIR            |
| 314         | 1908     | SSVX12-KARS | Aug 02        | 48542  | 21         | ✓✓ | ICEX-AIR            |
| 1053        | 2416     | SSVX02-CWEG | Apr 98        | 47523  | 32         | ✓✓ | ZENO-3200           |
| 1053        | 2419     | SSVX02-CWEG | May 01        | 48589  | 32         | ✓✓ | CES - Zeno Ice Buoy |
| 919         | 3311     | SSVX01-LFPW | Aug 99        | 25569  | 21         | ✓✓ | ICEX-AIR            |
| 636         | 3335     |             | Mar 03        |        | 16         | ✓✓ | AWI                 |
| 314         | 3690     | SSVX01-LFPW | Aug 03        | 48548  | 21         | ✓✓ | ICEX-AIR            |
| 314         | 3693     | SSVX07-LFPW | Aug 01        | 48092  | 21         | ✓✓ | ICEX-AIR            |
| 1053        | 3981     | SSVX12-KARS | Aug 03        | 48544  | 21         | ✓✓ | ICEX-AIR            |
| 1053        | 3982     | SSVX12-KARS | Aug 03        | 48545  | 21         | ✓✓ | ICEX-AIR            |
| 627         | 5300     | SSVX12-KARS | Aug 01        | 48539  | 21         | ✓✓ | ICEX-AIR            |
| 627         | 5302     | SSVX02-CWEG | Aug 02        | 48532  | 21         | ✓✓ | ICEX-AIR            |
| 627         | 5311     | SSVX02-CWEG | Aug 00        | 48535  | 21         | ✓✓ | ICEX-AIR            |
| 627         | 5314     | SSVX02-CWEG | Sep 03        | 48521  | 21         | ✓✓ | EC                  |
| 1923        | 7950     | SSVX12-KARS | Sep 03        | 48531  | 32         | ✓✓ | IMB                 |
| 919         | 8063     | SSVX07-LFPW | Aug 01        | 25571  | 21         | ✓✓ | ICEX-AIR            |
| 695         | 9114     |             | Apr 03        |        | 32         |    | PMEL                |
| 695         | 9115     |             | Apr 03        |        | 32         |    | PMEL                |
| 695         | 9120     |             | Apr 02        |        | 32         |    | PMEL                |
| 919         | 9357     | SSVX07-LFPW | Aug 03        | 25522  | 21         | ✓✓ | ICEX-AIR            |
| 919         | 9834     | SSVX12-KARS | Aug 02        | 25572  | 21         | ✓✓ | ICEX-AIR            |
| 919         | 10120    | SSVX01-LFPW | Aug 03        | 25523  | 32         | ✓✓ | AWI                 |
| 919         | 10810    | SSVX01-LFPW | Aug 03        | 25524  | 32         | ✓✓ | AWI                 |
| 20016       | 15453    | SSVX01-RJTD | Sep 03        | 48615  | 19         | ✓✓ | JCAD                |
| 29          | 15524    | SSVX12-LFPW | Aug 00        | 48537  | 21         | ✓✓ | ICEX-AIR            |
| 20026       | 18922    | SSVX01-RJTD | Aug 02        | 48612  | 19         | ✓✓ | JCAD                |
| 1053        | 19577    | SSVX12-KARS | Aug 01        | 48582  | 21         | ✓✓ | ICEX-AIR            |
| 1053        | 19578    | SSVX12-KARS | Aug 01        | 48583  | 21         | ✓✓ | ICEX-AIR            |
| 1053        | 19579    | SSVX12-KARS | Aug 01        | 48584  | 21         | ✓✓ | ICEX-AIR            |
| 1053        | 20601    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |
| 636         | 20626    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |
| 636         | 20627    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |
| 636         | 20726    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |
| 636         | 20751    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |
| 636         | 20755    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |
| 636         | 20756    |             | Mar 03        |        | 4          | ✓✓ | AWI                 |

|             |             |        |       |    |    |                     |
|-------------|-------------|--------|-------|----|----|---------------------|
| 636 20811   |             | Mar 03 |       | 4  | ✓✓ | AWI                 |
| 636 20835   |             | Mar 03 |       | 4  | ✓✓ | AWI                 |
| 636 20842   |             | Mar 03 |       | 4  | ✓✓ | AWI                 |
| 695 20726   |             | Apr 02 |       | 32 |    | PMEL                |
| 1053 20857  | SSVX12-KARS | Aug 00 | 48536 | 17 | ✓✓ | ICEX-AIR            |
| 1053 20858  | SSVX12-KARS | Aug 99 | 48574 | 17 | ✓✓ | ICEX - AIR          |
| 21076       |             | Apr 03 |       | 32 |    | PMEL                |
| 21077       |             | Apr 03 |       | 32 |    | PMEL                |
| 21078       |             | Apr 03 |       | 32 |    | PMEL                |
| 695 22204   |             | Apr 02 |       | 32 | ✓✓ | PMEL                |
| 695 22206   |             | Apr 03 |       | 32 | ✓✓ | PMEL                |
| 695 22207   | SSVX12-KARS | Apr 02 | 26501 | 32 | ✓✓ | PMEL                |
| 1053 23676  | SSVX12-KARS | Aug 03 | 48546 | 21 | ✓✓ | ICEX-AIR            |
| 1053 23678  | SSVX12-KARS | Aug 03 | 48547 | 21 | ✓✓ | ICEX-AIR            |
| 1053 24226  | SSVX12-KARS | Apr 03 | 48552 | 16 | ✓✓ | CES - Zeno Ice Buoy |
| 1053 24227  | SSVX12-KARS | Apr 03 | 48553 | 16 | ✓✓ | CES - Zeno Ice Buoy |
| 1053 24289  | SSVX12-KARS | Aug 00 | 25548 | 16 | ✓✓ | ICEX-AIR            |
| 20557 24290 | SSVX12-KARS | Sep 03 | 48534 | 32 | ✓✓ | IMB                 |
| 1053 24293  | SSVX12-KARS | Apr 02 | 48585 | 32 | ✓✓ | CES - Zeno Ice Buoy |
| 1053 24294  | SSVX12-KARS | Apr 01 | 48590 | 32 | ✓✓ | ICEX-AIR            |
| 20016 25499 | SSVX01-RJTD | Apr 02 | 48616 | 14 | ✓✓ | JCAD                |
| 282 26211   | SSVX12-KARS | Aug 02 | 48533 | 21 | ✓✓ | ICEX-AIR            |
| 1053 26694  | SSVX12-KARS | Aug 02 | 48586 | 17 | ✓✓ | ICEX-AIR            |
| 1053 26695  | SSVX12-KARS | Aug 02 | 48587 | 17 | ✓✓ | ICEX-AIR            |
| 1053 26697  | SSVX12-KARS | Apr 02 | 25553 | 32 | ✓✓ | CES - Zeno Ice Buoy |
| 20557 26699 | SSVX12-KARS | Sep 03 | 25526 | 32 | ✓✓ | IMB                 |
| 282 26999   |             | Sep 00 |       | 12 | ✓✓ | NAVO/AARI           |
| 282 27035   | SSVX12-KARS | Sep 03 | 25542 | 9  | ✓✓ | AARI/NAVO           |
| 282 27036   | SSVX12-KARS | Sep 03 | 25543 | 9  | ✓✓ | AARI/NAVO           |
| 282 27037   | SSVX12-KARS | Sep 03 | 25544 | 9  | ✓✓ | AARI/NAVO           |
| 484 27414   | SSVX07-LFPW | Aug 01 | 48540 | 21 | ✓✓ | ICEX - AIR          |
| 20016 29892 | SSVX01-RJTD | Apr 03 | 48613 | 19 | ✓✓ | JCAD                |
| 2668 40297  | SSVX12-KARS | Sep 03 | 48543 | 12 |    | WHOI                |
| 2668 40298  | SSVX12-KARS | Sep 03 | 48549 | 12 |    | WHOI                |
| 2668 40299  | SSVX12-KARS | Sep 03 | 48550 | 12 |    | WHOI                |
| 2668 40300  | SSVX12-KARS | Sep 03 | 48531 | 12 |    | WHOI                |

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## **B. GTS Headers**

The buoy data are distributed in real time on Global Telecommunications System (GTS) circuits using the WMO buoy format under the following GTS headers:

1. **SSVX07 LFPW** - Arctic buoy data from French (Service Argos) Global Processing Center.
2. **SSVX12 KARS** - Arctic buoy data from U.S. (Service Argos) Global Processing Center.
3. **SSVX16 KARS** - U.S. Naval Oceanographic Office (NAVOCEANO) Arctic buoy data from the U. S. (Service Argos) Global Processing Center.
4. **SSVX18 KWBC** - U.S. National Ice Center Arctic buoy data inserted by the U.S. National Weather Service.
5. **SSVX02 CWEG** - Arctic buoy data from the Edmonton Local User Terminal.
6. **SSVX01 LFPW** - Arctic buoy data from French (Service Argos) Global Processing Center.
7. **SSVX04 KARS** - Arctic buoy data from U.S. (Service Argos) Global Processing Center.

## **C. Buoy Types**

Please refer to **Appendix: Buoy Diagrams**.

## **IV. Data Processing**

Data for this report were processed as outlined in the 1986 data report with the exception that we have reverted to 3-hour interpolation of sea-level pressure and air temperature. The average daily temperature was calculated from these eight measurements; an asterisk in the tabular data indicates that one or more of these measurements were not available.

## **V. Available Data Sets**

The data sets begin with 0000 GMT, 1 January 2003, and end with 1200 GMT, 31 December 2003.

These data sets are available over the World Wide Web from the internet host **<http://iabp.apl.washington.edu>**, are archived at the World Data Center A: Glaciology, and can be obtained via anonymous FTP. Inquiries should be sent to the following address:

National Snow and Ice Data Center  
CIRES, Campus Box 449  
University of Colorado  
Boulder, Colorado 80309 U.S.A.

Telephone (303) 492-5171

### A. Data Set AB

Twelve-hour pressure and temperature fields. These data can be read with the following FORTRAN statements:

```
INTEGER  LAT, LD, LH, LONG, LM, LY, PX, PXX, PXY, PY, PYY
REAL     EP, ET, P, T
READ     (,1) LY, LM, LD, LH, LAT, LONG, P, T, EP, ET, PX, PY, PXX,
        PXY, PYY
1 FORMAT (4I3, I4, I5, F8.1, F7.1, 2F5.1, 2I5, 3I6)
```

LY is the year.  
LM is the month; 1 for January, 2 for February, etc.  
LD is the day of the month.  
LH is the hour in GMT; LH = 0 or 12.  
LAT is the latitude in degrees north.  
LONG is the longitude in degrees east.  
P is the interpolated pressure in millibars.  
T is the interpolated temperature in degrees Celsius averaged from LH - 12 to LH + 12 hours.  
EP is the interpolation error variance in millibars squared.  
ET is the interpolation error variance in degrees Celsius squared.  
PX, PY are the pressure derivatives times  $10^3$  in the x and y directions. PX and PY have units of millibars per  $10^3$  kilometers.  
PXX, PXY, PYY are the interpolated second derivatives of pressure times  $10^6$ . Their units are millibars per  $10^6$  kilometers.

### B. Data Set C

Twelve-hour buoy positions. These data can be read with the following FORTRAN statements:

```
INTEGER  ID, LD, LH, LM, LY
REAL     LAT, LONG

READ     (,1) LY, LM, LD, LH, ID, LAT, LONG
```

1 FORMAT (4I3, I6, F7.3, F9.3)

LY is the year.  
LM is the month; 1 for January, 2 for February, etc.  
LD is the day of the month.  
LH is the hour in GMT; LH = 0 or 12.  
LAT is the latitude in degrees north.  
ID is the buoy identification.  
LONG is the longitude in degrees east.

### C. Data Set D

Interpolated ice velocity fields. This data set contains ice velocity estimates at a fixed grid of points. The data can be read with these FORTRAN statements:

INTEGER LAT, LD, LH, LM, LONG, LY

REAL DUDX, DUDY, DVDX, DVDY, SIGMA2, UX, UY

READ (,1) LY, LM, LD, LH, LAT, LONG, UX, UY, SIGMA2, DUDX,  
DUDY, DVDX, DVDY

1 FORMAT (4I3, I4, I5, 2F7.1, F5.1, 4F8.2)

LY is the year.  
LM is the month; 1 for January, 2 for February, etc.  
LD is the day of the month.  
LH is the hour in GMT; LH = 0 or 12.  
LAT is the latitude in degrees north.  
LONG is the longitude in degrees east.  
UX is the interpolated ice velocity in the x direction in centimeters per second.  
UY is the interpolated ice velocity in the y direction in centimeters per second.  
SIGMA2 is the variance of the interpolation error in velocity, in dimensionless units. No confidence should be placed in interpolated velocities for which SIGMA2 > 0.5.

DUDX, DUDY, are interpolated velocity derivatives expressed in  
DVDX, DVDY Cartesian coordinates. After multiplication by  $10^{-7}$  the  
reported values have units of  $\text{seconds}^{-1}$ .

**Note on Coordinates:** The pressure and velocity derivatives are expressed with respect to a rectangular coordinate system with the origin at the North Pole, the x axis coinciding with the Greenwich meridian, and the y axis with the  $90^{\circ}\text{E}$  meridian. The transformation from latitude and longitude to x and y is as follows:

$$x = 110.949 (90 - \text{lat}) \cos (\text{long})$$

$$y = 110.949 (90 - \text{lat}) \sin (\text{long})$$

where x and y are in kilometers and latitude and longitude are in degrees.

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## **VI. Tabular Data**

The tables give daily data for each buoy identified by its ARGOS number. The data are interpolated values for location and pressure at 1200 GMT. The temperature is averaged over the eight synoptic intervals to eliminate diurnal variation. An asterisk indicates that one or more of the temperatures during that day were not known.



# BUOY 1097

| BUOY( 1097)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 96                      | 6  | 81.544     | 12.177         | 1013.0      | -16.3        |
| 97                      | 7  | 81.597     | 12.258         | 1001.4      | -17.6        |
| 98                      | 8  | 81.690     | 12.254         | 981.0       | -13.7        |
| 99                      | 9  | 81.579     | 12.814         | 1010.3      | -19.6        |
| 100                     | 10 | 81.557     | 12.584         | 1017.6      | -20.7        |
| 101                     | 11 | 81.542     | 12.538         | 1027.4      | -14.8        |
| 102                     | 12 | 81.599     | 12.943         | 1022.4      | -6.1         |
| 103                     | 13 | 81.618     | 12.938         | 1015.3      | -6.4         |
| 104                     | 14 | 81.623     | 13.110         | 1010.2      | -6.6         |
| 105                     | 15 | 81.578     | 13.278         | 1016.4      | -13.9        |
| 106                     | 16 | 81.564     | 13.318         | 1014.4      | -14.0        |
| 107                     | 17 | 81.535     | 13.026         | 1016.6      | -12.7        |
| 108                     | 18 | 81.538     | 13.009         | 998.0       | -7.7         |

# BUOY 1222

| BUOY( 1222)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1222)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 80.566     | -136.644       | 1000.7      | -33.7        | 32                      | 1  | 80.893     | -133.460       | 1014.9      | -30.1        |
| 2                       | 2  | 80.575     | -136.904       | 1008.2      | -35.8        | 33                      | 2  | 80.897     | -133.416       | 1019.3      | -33.4        |
| 3                       | 3  | 80.589     | -137.028       | 1013.3      | -38.1        | 34                      | 3  | 80.905     | -133.401       | 1023.3      | -32.9        |
| 4                       | 4  | 80.604     | -137.152       | 1012.3      | -36.0        | 37                      | 6  | 80.867     | -133.349       | 1029.9      | -29.9        |
| 5                       | 5  | 80.670     | -137.754       | 990.9       | -23.8        | 38                      | 7  | 80.855     | -133.218       | 1030.5      | -32.2        |
| 6                       | 6  | 80.760     | -137.923       | 982.6       | -21.5        | 39                      | 8  | 80.815     | -133.151       | 1031.4      | -33.1        |
| 7                       | 7  | 80.772     | -137.557       | 999.8       | -28.1        | 40                      | 9  | 80.728     | -133.107       | 1024.4      | -29.6*       |
| 8                       | 8  | 80.782     | -137.369       | 1011.0      | -28.9        | 41                      | 10 | 80.632     | -133.019       | 1027.2      | -29.9*       |
| 9                       | 9  | 80.759     | -136.977       | 1035.4      | -32.3        | 42                      | 11 | 80.542     | -132.899       | 1032.1      | -31.1        |
| 10                      | 10 | 80.770     | -136.671       | 1042.2      | -31.8        | 43                      | 12 | 80.456     | -132.655       | 1031.0      | -32.0        |
| 11                      | 11 | 80.806     | -136.408       | 1038.6      | -30.8        | 44                      | 13 | 80.434     | -132.511       | 1029.8      | -34.7        |
| 12                      | 12 | 80.898     | -136.008       | 1023.1      | -24.8        | 45                      | 14 | 80.452     | -132.399       | 1026.9      | -34.5        |
| 13                      | 13 | 80.927     | -135.489       | 1019.1      | -23.7        | 46                      | 15 | 80.469     | -132.364       | 1022.8      | -35.4        |
| 14                      | 14 | 80.920     | -135.485       | 1029.0      | -28.4        | 47                      | 16 | 80.470     | -132.354       | 1020.9      | -26.7        |
| 15                      | 15 | 80.932     | -134.928       | 1019.9      | -25.1        | 48                      | 17 | 80.445     | -132.384       | 1019.8      | -27.5        |
| 16                      | 16 | 80.864     | -134.579       | 1030.0      | -29.5        | 49                      | 18 | 80.355     | -132.377       | 1025.2      | -29.9        |
| 17                      | 17 | 80.884     | -134.574       | 1021.5      | -28.4        | 50                      | 19 | 80.303     | -132.186       | 1025.7      | -30.5        |
| 18                      | 18 | 80.876     | -134.585       | 1036.1      | -31.7        | 51                      | 20 | 80.307     | -132.126       | 1029.2      | -33.1        |
| 19                      | 19 | 80.888     | -134.549       | 1044.3      | -29.6        | 52                      | 21 | 80.328     | -132.135       | 1019.3      | -32.2        |
| 20                      | 20 | 80.919     | -134.197       | 1041.9      | -24.8        | 53                      | 22 | 80.353     | -132.128       | 1000.3      | -32.9        |
| 21                      | 21 | 80.970     | -134.003       | 1043.6      | -24.3        | 54                      | 23 | 80.331     | -132.001       | 1010.0      | -38.2        |
| 22                      | 22 | 81.006     | -133.732       | 1032.3      | -22.9        | 55                      | 24 | 80.329     | -132.004       | 1013.0      | -38.3        |
| 23                      | 23 | 80.934     | -133.710       | 1039.9      | -27.7        | 56                      | 25 | 80.329     | -131.994       | 1021.3      | -41.6        |
| 24                      | 24 | 80.924     | -133.510       | 1022.9      | -21.3        | 57                      | 26 | 80.329     | -131.994       | 1022.0      | -37.9        |
| 25                      | 25 | 80.913     | -133.554       | 1020.7      | -23.8        | 58                      | 27 | 80.331     | -132.000       | 1022.4      | -35.2        |
| 26                      | 26 | 80.902     | -133.459       | 1020.7      | -31.2        | 59                      | 28 | 80.334     | -131.979       | 1030.5      | -36.1        |
| 27                      | 27 | 80.914     | -133.397       | 1006.1      | -23.6        |                         |    |            |                |             |              |
| 28                      | 28 | 80.922     | -133.439       | 1005.9      | -22.8        |                         |    |            |                |             |              |
| 29                      | 29 | 80.892     | -133.641       | 1023.0      | -28.0        |                         |    |            |                |             |              |
| 30                      | 30 | 80.886     | -133.652       | 1027.5      | -26.7        |                         |    |            |                |             |              |
| 31                      | 31 | 80.883     | -133.576       | 1021.1      | -31.0        |                         |    |            |                |             |              |

| BUOY( 1222)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1222)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 80.336     | -132.011       | 1037.5      | -37.7        | 91                      | 1  | 80.209     | -131.258       | 1032.2      | -25.2        |
| 61                      | 2  | 80.336     | -132.002       | 1039.5      | -37.1        | 92                      | 2  | 80.211     | -131.234       | 1028.3      | -23.0        |
| 62                      | 3  | 80.341     | -132.019       | 1037.8      | -36.1        | 93                      | 3  | 80.236     | -131.257       | 1024.5      | -25.0        |
| 63                      | 4  | 80.354     | -132.086       | 1037.3      | -36.6        | 94                      | 4  | 80.257     | -131.252       | 1020.6      | -25.0        |
| 64                      | 5  | 80.367     | -132.031       | 1037.2      | -34.3        | 95                      | 5  | 80.250     | -131.324       | 1012.7      | -24.7        |
| 65                      | 6  | 80.409     | -131.951       | 1034.8      | -28.4        | 96                      | 6  | 80.196     | -131.343       | 1016.8      | -23.2        |
| 66                      | 7  | 80.497     | -131.638       | 1016.9      | -20.7        | 97                      | 7  | 80.204     | -131.260       | 1020.0      | -25.9        |
| 67                      | 8  | 80.426     | -131.567       | 1024.9      | -23.6        | 98                      | 8  | 80.232     | -131.146       | 1013.3      | -22.8        |
| 68                      | 9  | 80.283     | -131.632       | 1041.5      | -30.3        | 99                      | 9  | 80.279     | -130.956       | 1003.5      | -20.7        |
| 69                      | 10 | 80.272     | -131.305       | 1011.3      | -27.9        | 100                     | 10 | 80.274     | -130.904       | 1006.7      | -26.0        |
| 70                      | 11 | 80.284     | -131.596       | 1006.4      | -24.7        | 101                     | 11 | 80.262     | -130.904       | 1019.2      | -28.0        |
| 71                      | 12 | 80.174     | -131.820       | 1009.6      | -32.3        | 102                     | 12 | 80.263     | -130.904       | 1030.5      | -29.1        |
| 72                      | 13 | 80.154     | -131.530       | 1002.2      | -32.4        | 103                     | 13 | 80.267     | -130.899       | 1030.9      | -26.8        |
| 73                      | 14 | 80.192     | -131.355       | 1004.5      | -31.1        | 104                     | 14 | 80.287     | -130.932       | 1026.2      | -23.2        |
| 74                      | 15 | 80.207     | -131.315       | 1017.7      | -32.0        | 105                     | 15 | 80.386     | -131.034       | 1007.4      | -18.7        |
| 75                      | 16 | 80.206     | -131.305       | 1024.5      | -35.1        | 106                     | 16 | 80.443     | -131.091       | 1003.4      | -16.2        |
| 76                      | 17 | 80.205     | -131.300       | 1025.8      | -33.7        | 107                     | 17 | 80.443     | -131.050       | 1011.0      | -19.6        |
| 77                      | 18 | 80.207     | -131.302       | 1023.1      | -32.1        | 108                     | 18 | 80.421     | -130.918       | 1019.0      | -23.5        |
| 78                      | 19 | 80.203     | -131.284       | 1019.0      | -34.7        | 109                     | 19 | 80.419     | -130.913       | 1023.9      | -22.7        |
| 79                      | 20 | 80.205     | -131.311       | 1019.6      | -34.3        | 110                     | 20 | 80.417     | -130.932       | 1030.2      | -21.0        |
| 80                      | 21 | 80.205     | -131.305       | 1018.4      | -33.8        | 111                     | 21 | 80.420     | -131.103       | 1030.0      | -20.0        |
| 81                      | 22 | 80.207     | -131.275       | 1021.2      | -31.6        | 112                     | 22 | 80.438     | -131.406       | 1028.3      | -18.9        |
| 82                      | 23 | 80.206     | -131.275       | 1020.7      | -33.2        | 113                     | 23 | 80.444     | -131.639       | 1026.3      | -18.7        |
| 83                      | 24 | 80.208     | -131.273       | 1011.7      | -28.9        | 114                     | 24 | 80.407     | -131.863       | 1029.0      | -18.0        |
| 84                      | 25 | 80.209     | -131.269       | 1011.8      | -32.3        | 115                     | 25 | 80.399     | -132.026       | 1037.7      | -18.6        |
| 85                      | 26 | 80.208     | -131.262       | 1015.3      | -33.6        | 116                     | 26 | 80.435     | -132.136       | 1042.9      | -18.1        |
| 86                      | 27 | 80.209     | -131.260       | 1016.0      | -29.9        | 117                     | 27 | 80.547     | -132.259       | 1034.5      | -12.8        |
| 87                      | 28 | 80.208     | -131.257       | 1022.7      | -28.5        | 118                     | 28 | 80.582     | -132.319       | 1036.4      | -10.9        |
| 88                      | 29 | 80.209     | -131.263       | 1029.9      | -26.3        | 119                     | 29 | 80.615     | -132.346       | 1028.5      | -13.3        |
| 89                      | 30 | 80.209     | -131.257       | 1024.9      | -25.3        | 120                     | 30 | 80.638     | -132.428       | 1025.0      | -13.8        |
| 90                      | 31 | 80.208     | -131.264       | 1025.5      | -24.9        |                         |    |            |                |             |              |

# BUOY 1222

| BUOY( 1222)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1222)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 80.631     | -132.339       | 1029.4      | -14.1        | 152                     | 1  | 80.338     | -130.165       | 1015.6      | -3.6         |
| 122                     | 2  | 80.603     | -132.160       | 1036.2      | -9.5         | 153                     | 2  | 80.318     | -130.152       | 1019.3      | -3.6         |
| 123                     | 3  | 80.618     | -131.861       | 1036.7      | -9.7         | 154                     | 3  | 80.322     | -130.174       | 1019.2      | -3.1         |
| 124                     | 4  | 80.613     | -131.486       | 1029.6      | -6.5         | 155                     | 4  | 80.311     | -130.350       | 1017.7      | -4.3         |
| 125                     | 5  | 80.562     | -131.329       | 1019.3      | -6.0         | 156                     | 5  | 80.253     | -130.297       | 1023.3      | -4.0         |
| 126                     | 6  | 80.450     | -131.741       | 1016.6      | -9.7         | 157                     | 6  | 80.232     | -130.216       | 1028.6      | -4.0         |
| 127                     | 7  | 80.321     | -131.938       | 1010.4      | -11.7        | 158                     | 7  | 80.257     | -130.244       | 1021.4      | -3.8         |
| 128                     | 8  | 80.226     | -132.076       | 1012.4      | -11.9        | 159                     | 8  | 80.254     | -130.577       | 1022.5      | -3.4         |
| 129                     | 9  | 80.180     | -132.161       | 1017.8      | -11.1        | 160                     | 9  | 80.227     | -130.698       | 1027.6      | -5.5         |
| 130                     | 10 | 80.169     | -132.047       | 1022.0      | -11.4        | 161                     | 10 | 80.184     | -130.691       | 1030.6      | -6.2         |
| 131                     | 11 | 80.180     | -131.651       | 1016.6      | -12.0        | 162                     | 11 | 80.145     | -130.584       | 1030.0      | -5.8         |
| 132                     | 12 | 80.234     | -130.997       | 1006.2      | -11.4        | 163                     | 12 | 80.109     | -130.382       | 1027.2      | -4.7         |
| 133                     | 13 | 80.312     | -130.152       | 1003.2      | -10.9        | 164                     | 13 | 80.075     | -130.066       | 1023.2      | -2.5         |
| 134                     | 14 | 80.376     | -129.763       | 1006.5      | -9.0         | 165                     | 14 | 80.044     | -129.817       | 1018.4      | -2.7         |
| 135                     | 15 | 80.416     | -129.707       | 1005.8      | -9.5         | 166                     | 15 | 80.043     | -129.942       | 1017.0      | 0.5          |
| 136                     | 16 | 80.423     | -129.633       | 1008.9      | -8.7         | 167                     | 16 | 80.029     | -130.094       | 1015.2      | 1.4          |
| 137                     | 17 | 80.415     | -129.595       | 1016.1      | -10.6        | 168                     | 17 | 80.005     | -130.378       | 1015.9      | 0.1          |
| 138                     | 18 | 80.419     | -129.598       | 1020.7      | -8.8         | 169                     | 18 | 79.933     | -130.555       | 1016.2      | 0.0          |
| 139                     | 19 | 80.450     | -129.619       | 1017.6      | -5.8         | 170                     | 19 | 79.817     | -130.272       | 1005.1      | 0.5          |
| 140                     | 20 | 80.457     | -129.620       | 1017.9      | -4.5         | 171                     | 20 | 79.729     | -129.985       | 998.9       | 0.1          |
| 141                     | 21 | 80.458     | -129.798       | 1016.8      | -6.9         | 172                     | 21 | 79.673     | -129.996       | 997.4       | -0.2         |
| 142                     | 22 | 80.385     | -130.199       | 1012.1      | -6.0         | 173                     | 22 | 79.636     | -130.080       | 1001.8      | 0.6          |
| 143                     | 23 | 80.264     | -130.574       | 1015.4      | -6.8         | 174                     | 23 | 79.583     | -130.167       | 1006.3      | 0.3          |
| 144                     | 24 | 80.193     | -130.454       | 1018.3      | -6.1         | 175                     | 24 | 79.517     | -130.153       | 1011.2      | -0.6         |
| 145                     | 25 | 80.156     | -130.272       | 1019.4      | -5.1         | 176                     | 25 | 79.504     | -130.007       | 1012.1      | 0.4          |
| 146                     | 26 | 80.152     | -130.225       | 1021.6      | -5.5         | 177                     | 26 | 79.533     | -129.734       | 1012.4      | 0.9          |
| 147                     | 27 | 80.167     | -130.271       | 1022.0      | -5.7         | 178                     | 27 | 79.540     | -129.479       | 1012.2      | 0.5          |
| 148                     | 28 | 80.220     | -130.405       | 1013.8      | -5.1         | 179                     | 28 | 79.548     | -129.274       | 1013.1      | 0.8          |
| 149                     | 29 | 80.274     | -130.325       | 1005.8      | -3.7         | 180                     | 29 | 79.525     | -129.164       | 1022.4      | 2.4          |
| 150                     | 30 | 80.334     | -130.006       | 1004.7      | -3.8         | 181                     | 30 | 79.527     | -129.167       | 1023.7      | 5.0          |
| 151                     | 31 | 80.361     | -130.086       | 1006.8      | -2.7         |                         |    |            |                |             |              |

| BUOY( 1222)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1222)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 79.541     | -129.150       | 1023.0      | 2.6          | 213                     | 1  | 80.467     | -126.631       | 1003.7      | -0.8         |
| 183                     | 2  | 79.577     | -129.160       | 1018.0      | 1.6          | 214                     | 2  | 80.494     | -125.891       | 1006.2      | -0.1         |
| 184                     | 3  | 79.697     | -129.214       | 1014.8      | 1.5          | 215                     | 3  | 80.548     | -125.224       | 1008.0      | 0.0          |
| 185                     | 4  | 79.784     | -129.317       | 1015.7      | 1.7          | 216                     | 4  | 80.590     | -124.849       | 1005.8      | 0.1          |
| 186                     | 5  | 79.854     | -129.393       | 1013.8      | 1.2          | 217                     | 5  | 80.659     | -124.432       | 999.5       | -0.2         |
| 187                     | 6  | 79.875     | -129.373       | 1014.2      | 0.6          | 218                     | 6  | 80.729     | -124.411       | 999.2       | 0.6          |
| 188                     | 7  | 79.864     | -129.264       | 1012.6      | 1.2          | 219                     | 7  | 80.766     | -124.547       | 999.5       | 0.7          |
| 189                     | 8  | 79.933     | -129.330       | 1003.4      | 0.8          | 220                     | 8  | 80.730     | -124.819       | 1011.6      | -0.7         |
| 190                     | 9  | 79.988     | -129.224       | 1007.4      | 0.5          | 221                     | 9  | 80.766     | -124.553       | 986.8       | -1.2         |
| 191                     | 10 | 79.975     | -129.275       | 1005.6      | 2.0          | 222                     | 10 | 80.729     | -124.847       | 988.9       | -0.5         |
| 192                     | 11 | 79.975     | -129.095       | 1011.9      | 0.9          | 223                     | 11 | 80.717     | -125.083       | 991.6       | -0.9         |
| 193                     | 12 | 80.044     | -128.604       | 1011.3      | 0.5          | 224                     | 12 | 80.741     | -125.352       | 997.5       | -1.3         |
| 194                     | 13 | 80.121     | -128.379       | 1011.0      | 0.9          | 225                     | 13 | 80.719     | -125.645       | 999.2       | -1.4         |
| 195                     | 14 | 80.168     | -128.570       | 1010.1      | 2.9          | 226                     | 14 | 80.637     | -125.822       | 1000.3      | -1.5         |
| 196                     | 15 | 80.163     | -128.624       | 1007.8      | 1.4          | 227                     | 15 | 80.613     | -125.640       | 1004.4      | -0.4         |
| 197                     | 16 | 80.145     | -128.330       | 1001.0      | -0.7         | 228                     | 16 | 80.624     | -125.303       | 1001.4      | -1.3         |
| 198                     | 17 | 80.157     | -128.101       | 1000.0      | 0.4          | 229                     | 17 | 80.644     | -125.058       | 1000.9      | -2.9         |
| 199                     | 18 | 80.198     | -127.890       | 1004.1      | 0.3          | 230                     | 18 | 80.657     | -125.006       | 1011.2      | -2.3         |
| 200                     | 19 | 80.216     | -127.847       | 995.4       | 0.1          | 231                     | 19 | 80.654     | -125.003       | 1013.7      | -1.4         |
| 201                     | 20 | 80.159     | -127.839       | 999.4       | 0.3          | 232                     | 20 | 80.628     | -124.917       | 1007.0      | -1.3         |
| 202                     | 21 | 80.186     | -127.904       | 1007.5      | -0.5         | 233                     | 21 | 80.562     | -124.546       | 1001.0      | -1.9         |
| 203                     | 22 | 80.216     | -127.710       | 1004.9      | -0.1         | 234                     | 22 | 80.591     | -124.016       | 999.9       | -2.7         |
| 204                     | 23 | 80.224     | -127.684       | 1005.0      | 0.8          | 235                     | 23 | 80.634     | -123.540       | 1008.4      | -1.7         |
| 205                     | 24 | 80.281     | -127.753       | 994.5       | 0.3          | 236                     | 24 | 80.706     | -123.573       | 1004.0      | 0.5          |
| 206                     | 25 | 80.390     | -127.276       | 991.1       | 0.1          | 237                     | 25 | 80.825     | -123.417       | 1005.3      | -0.9         |
| 207                     | 26 | 80.470     | -127.184       | 981.5       | -0.1         | 238                     | 26 | 80.931     | -122.948       | 1009.0      | -2.2         |
| 208                     | 27 | 80.534     | -126.720       | 991.7       | 0.0          | 239                     | 27 | 81.024     | -122.656       | 1016.1      | -3.9         |
| 209                     | 28 | 80.594     | -126.584       | 997.1       | 0.0          | 240                     | 28 | 81.087     | -122.231       | 1023.2      | -4.9         |
| 210                     | 29 | 80.590     | -126.812       | 994.0       | 0.3          | 241                     | 29 | 81.111     | -122.072       | 1026.5      | -4.4         |
| 211                     | 30 | 80.593     | -127.027       | 979.4       | -0.1         | 242                     | 30 | 81.119     | -122.102       | 1020.2      | -3.9         |
| 212                     | 31 | 80.524     | -127.193       | 999.6       | 0.0          | 243                     | 31 | 81.118     | -121.875       | 1013.4      | -1.3         |

# BUOY 1222

| BUOY( 1222)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1222)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 81.096     | -121.261       | 1005.1      | -2.6         | 274                     | 1  | 80.991     | -119.268       | 1013.2      | -12.0        |
| 245                     | 2  | 81.026     | -120.518       | 1002.6      | -1.1         | 275                     | 2  | 81.000     | -119.562       | 1019.6      | -20.4        |
| 246                     | 3  | 81.022     | -120.213       | 1005.3      | -4.1         | 276                     | 3  | 81.010     | -119.848       | 1025.1      | -25.8        |
| 247                     | 4  | 81.066     | -120.203       | 1000.1      | -4.5         | 277                     | 4  | 81.086     | -120.288       | 1007.9      | -16.2        |
| 248                     | 5  | 81.088     | -120.305       | 996.0       | -3.1         | 278                     | 5  | 81.212     | -120.902       | 1004.8      | -8.7         |
| 249                     | 6  | 81.008     | -120.452       | 1002.6      | -4.7         | 279                     | 6  | 81.193     | -121.019       | 1017.3      | -13.6        |
| 250                     | 7  | 80.962     | -120.216       | 1007.4      | -8.9         | 280                     | 7  | 81.144     | -120.732       | 1012.6      | -10.2        |
| 251                     | 8  | 81.027     | -119.885       | 1007.9      | -4.7         | 281                     | 8  | 81.090     | -120.593       | 1022.6      | -16.8        |
| 252                     | 9  | 81.146     | -119.829       | 1007.8      | -4.1         | 282                     | 9  | 81.085     | -120.630       | 1024.3      | -24.2        |
| 253                     | 10 | 81.241     | -120.208       | 1001.3      | -4.2         | 283                     | 10 | 81.079     | -120.872       | 1024.7      | -21.4        |
| 254                     | 11 | 81.259     | -120.849       | 995.9       | -6.3         | 284                     | 11 | 81.079     | -121.343       | 1021.8      | -20.2        |
| 255                     | 12 | 81.185     | -121.388       | 999.0       | -3.9         | 285                     | 12 | 81.045     | -121.610       | 1022.8      | -22.2        |
| 256                     | 13 | 81.128     | -122.002       | 1002.3      | -4.7         | 286                     | 13 | 80.990     | -121.777       | 1025.4      | -22.1        |
| 257                     | 14 | 81.027     | -122.440       | 1002.5      | -4.3         | 287                     | 14 | 80.955     | -121.981       | 1030.5      | -23.4        |
| 258                     | 15 | 80.899     | -122.643       | 1012.1      | -4.2         | 288                     | 15 | 80.921     | -121.985       | 1032.2      | -17.1        |
| 259                     | 16 | 80.803     | -122.884       | 1024.2      | -5.7         | 289                     | 16 | 80.870     | -122.186       | 1032.3      | -14.8        |
| 260                     | 17 | 80.746     | -122.763       | 1023.8      | -6.3         | 290                     | 17 | 80.854     | -122.571       | 1021.9      | -18.8        |
| 261                     | 18 | 80.773     | -121.731       | 1006.1      | -2.3         | 291                     | 18 | 80.852     | -122.859       | 1012.0      | -12.5        |
| 262                     | 19 | 80.775     | -120.987       | 1012.1      | -2.5         | 292                     | 19 | 80.911     | -122.869       | 1014.8      | -12.1        |
| 263                     | 20 | 80.788     | -120.622       | 1024.1      | -2.7         | 293                     | 20 | 80.923     | -122.727       | 1028.2      | -20.4        |
| 264                     | 21 | 80.817     | -120.422       | 1025.7      | -6.8         | 294                     | 21 | 80.912     | -122.746       | 1023.7      | -23.2        |
| 265                     | 22 | 80.838     | -120.394       | 1023.7      | -12.1        | 295                     | 22 | 80.883     | -122.810       | 1026.4      | -15.8        |
| 266                     | 23 | 80.841     | -120.454       | 1025.2      | -8.7         | 296                     | 23 | 80.867     | -123.000       | 1028.1      | -24.5        |
| 267                     | 24 | 80.861     | -120.303       | 1013.6      | -7.1         | 297                     | 24 | 80.865     | -123.188       | 1028.2      | -24.7        |
| 268                     | 25 | 80.919     | -119.883       | 1001.0      | -5.7         | 298                     | 25 | 80.848     | -123.154       | 1020.9      | -18.8        |
| 269                     | 26 | 80.949     | -119.691       | 990.4       | -9.3         | 299                     | 26 | 80.807     | -123.103       | 1018.0      | -16.3        |
| 270                     | 27 | 80.967     | -119.511       | 994.3       | -13.5*       | 300                     | 27 | 80.818     | -122.617       | 1007.5      | -16.7        |
| 271                     | 28 | 80.972     | -119.311       | 1004.0      | -6.8         | 301                     | 28 | 80.923     | -122.477       | 996.9       | -15.3        |
| 272                     | 29 | 80.958     | -119.130       | 1013.3      | -7.0         | 302                     | 29 | 80.922     | -122.676       | 1021.1      | -21.5        |
| 273                     | 30 | 80.956     | -119.023       | 1014.8      | -5.7         | 303                     | 30 | 80.908     | -122.635       | 1027.4      | -27.0        |
|                         |    |            |                |             |              | 304                     | 31 | 81.066     | -122.782       | 1009.8      | -16.5        |

| BUOY( 1222)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1222)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 81.142     | -123.100       | 1017.2      | -17.9        | 335                     | 1  | 81.674     | -129.595       | 999.7       | -27.7        |
| 306                     | 2  | 81.136     | -123.258       | 1025.6      | -20.1        | 336                     | 2  | 81.693     | -129.366       | 995.4       | -33.0        |
| 307                     | 3  | 81.106     | -123.322       | 1030.5      | -27.1        | 337                     | 3  | 81.741     | -128.922       | 993.9       | -30.8        |
| 308                     | 4  | 81.084     | -123.288       | 1029.2      | -32.4        | 338                     | 4  | 81.738     | -128.609       | 1001.5      | -32.7        |
| 309                     | 5  | 81.084     | -123.089       | 1017.8      | -27.3        | 339                     | 5  | 81.699     | -128.239       | 1011.4      | -34.4        |
| 310                     | 6  | 81.258     | -123.395       | 998.8       | -20.0        | 340                     | 6  | 81.689     | -127.882       | 1010.4      | -34.3        |
| 311                     | 7  | 81.299     | -124.498       | 1002.2      | -24.6        | 341                     | 7  | 81.681     | -127.653       | 1016.9      | -31.9        |
| 312                     | 8  | 81.248     | -125.356       | 1004.2      | -26.4        | 342                     | 8  | 81.720     | -127.250       | 1016.7      | -24.5        |
| 313                     | 9  | 81.228     | -125.862       | 1004.7      | -26.0        | 343                     | 9  | 81.775     | -126.874       | 1012.6      | -26.4        |
| 314                     | 10 | 81.209     | -126.303       | 1005.7      | -31.3        | 344                     | 10 | 81.758     | -126.805       | 1016.4      | -31.9        |
| 315                     | 11 | 81.211     | -126.459       | 1001.9      | -22.9        | 345                     | 11 | 81.718     | -126.700       | 1023.9      | -28.9        |
| 316                     | 12 | 81.229     | -126.607       | 1008.1      | -27.8        | 356                     | 22 | 81.412     | -127.790       | 998.5       | -21.3        |
| 317                     | 13 | 81.242     | -126.800       | 1011.2      | -24.7        | 357                     | 23 | 81.391     | -128.410       | 1000.4      | -20.6        |
| 318                     | 14 | 81.223     | -127.003       | 1010.4      | -25.2        |                         |    |            |                |             |              |
| 319                     | 15 | 81.217     | -127.037       | 1013.9      | -26.4        |                         |    |            |                |             |              |
| 320                     | 16 | 81.235     | -127.073       | 1016.6      | -28.7        |                         |    |            |                |             |              |
| 321                     | 17 | 81.259     | -127.330       | 1016.0      | -21.5        |                         |    |            |                |             |              |
| 322                     | 18 | 81.270     | -127.678       | 1017.5      | -30.3        |                         |    |            |                |             |              |
| 323                     | 19 | 81.268     | -128.008       | 1016.8      | -30.1        |                         |    |            |                |             |              |
| 324                     | 20 | 81.266     | -128.321       | 1018.9      | -30.8        |                         |    |            |                |             |              |
| 325                     | 21 | 81.256     | -128.464       | 1016.0      | -28.6        |                         |    |            |                |             |              |
| 326                     | 22 | 81.264     | -128.517       | 1007.9      | -28.1        |                         |    |            |                |             |              |
| 327                     | 23 | 81.361     | -128.789       | 989.2       | -24.6        |                         |    |            |                |             |              |
| 328                     | 24 | 81.367     | -128.215       | 1006.6      | -32.0        |                         |    |            |                |             |              |
| 329                     | 25 | 81.428     | -128.394       | 1010.1      | -27.1        |                         |    |            |                |             |              |
| 330                     | 26 | 81.517     | -129.095       | 1011.5      | -26.7        |                         |    |            |                |             |              |
| 331                     | 27 | 81.553     | -129.753       | 1005.5      | -27.2        |                         |    |            |                |             |              |
| 332                     | 28 | 81.537     | -129.792       | 1004.4      | -30.7        |                         |    |            |                |             |              |
| 333                     | 29 | 81.557     | -129.704       | 1004.3      | -30.6        |                         |    |            |                |             |              |
| 334                     | 30 | 81.618     | -129.652       | 1006.2      | -27.8        |                         |    |            |                |             |              |

# BUOY 1301

| BUOY( 1301)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1301)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 245                     | 2  | 60.510     | -31.861        |             |              | 286                     | 13 | 61.748     | -24.925        |             |              |
| 257                     | 14 | 61.333     | -29.927        |             |              | 287                     | 14 | 61.860     | -25.268        |             |              |
| 258                     | 15 | 61.370     | -30.029        |             |              | 288                     | 15 | 61.999     | -25.516        |             |              |
| 265                     | 22 | 62.095     | -27.903        |             |              | 289                     | 16 | 62.077     | -25.711        |             |              |
| 266                     | 23 | 62.133     | -27.695        |             |              | 290                     | 17 | 62.183     | -26.018        |             |              |
| 267                     | 24 | 62.123     | -27.387        |             |              | 293                     | 20 | 62.463     | -26.620        |             |              |
| 268                     | 25 | 62.038     | -27.341        |             |              | 294                     | 21 | 62.460     | -26.655        |             |              |
| 269                     | 26 | 62.121     | -27.197        |             |              |                         |    |            |                |             |              |

| BUOY( 1301)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1301)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 317                     | 13 | 63.877     | -30.362        |             |              | 342                     | 8  | 64.546     | -32.058        |             |              |
| 318                     | 14 | 63.763     | -30.759        |             |              | 343                     | 9  | 64.570     | -31.872        |             |              |
| 330                     | 26 | 63.351     | -31.810        |             |              | 351                     | 17 | 63.960     | -31.912        |             |              |
| 331                     | 27 | 63.367     | -31.971        |             |              | 352                     | 18 | 63.779     | -32.257        |             |              |
| 332                     | 28 | 63.484     | -32.345        |             |              | 353                     | 19 | 63.620     | -32.279        |             |              |
| 333                     | 29 | 63.569     | -32.594        |             |              | 354                     | 20 | 63.464     | -32.442        |             |              |
|                         |    |            |                |             |              | 359                     | 25 | 63.399     | -32.257        |             |              |
|                         |    |            |                |             |              | 362                     | 28 | 62.908     | -31.960        |             |              |

# BUOY 1907

| BUOY( 1907)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1907)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 76.590     | 170.552        | 1002.2      | -19.4        | 34                      | 3  | 77.756     | 171.059        | 1010.4      | -32.7        |
| 2                       | 2  | 76.553     | 170.412        | 1015.1      | -31.8        | 35                      | 4  | 77.732     | 171.194        | 1015.0      | -36.4        |
| 3                       | 3  | 76.538     | 170.430        | 1013.0      | -36.0        | 36                      | 5  | 77.726     | 171.489        | 1025.8      | -34.5        |
| 4                       | 4  | 76.536     | 170.343        | 1011.5      | -37.2        | 37                      | 6  | 77.793     | 171.578        | 1031.6      | -32.6        |
| 5                       | 5  | 76.506     | 170.191        | 1004.4      | -38.4        | 38                      | 7  | 77.842     | 171.507        | 1034.4      | -31.4        |
| 6                       | 6  | 76.448     | 170.304        | 987.0       | -33.1        | 39                      | 8  | 77.863     | 171.300        | 1030.5      | -25.2        |
| 9                       | 9  | 76.518     | 171.556        | 1018.6      | -31.7        | 40                      | 9  | 77.863     | 171.320        | 1033.3      | -32.9        |
| 10                      | 10 | 76.594     | 171.495        | 1017.5      | -27.1        | 43                      | 12 | 77.933     | 171.253        | 1037.5      | -37.1        |
| 11                      | 11 | 76.669     | 171.095        | 1002.0      | -18.1        | 44                      | 13 | 77.975     | 171.078        |             | -32.4*       |
| 12                      | 12 | 76.749     | 171.251        | 1014.3      | -27.3        | 45                      | 14 | 78.004     | 171.076        | 1018.2      | -27.4        |
| 13                      | 13 | 76.790     | 171.328        | 1018.6      | -26.9        | 46                      | 15 | 78.007     | 171.070        | 1023.6      | -29.1        |
| 14                      | 14 | 76.877     | 171.189        | 1011.9      | -22.2        | 47                      | 16 | 78.015     | 171.045        | 1024.8      | -28.7        |
| 15                      | 15 | 76.936     | 171.681        | 1029.5      | -28.2        | 48                      | 17 | 78.027     | 170.927        | 1023.2      | -29.3        |
| 16                      | 16 | 77.050     | 171.394        | 1014.9      | -20.4        | 49                      | 18 | 78.044     | 170.830        | 1024.2      | -33.8        |
| 17                      | 17 | 77.079     | 171.450        | 1023.0      | -20.2        | 50                      | 19 | 78.060     | 170.924        | 1031.7      | -36.1        |
| 18                      | 18 | 77.105     | 171.286        | 1022.9      | -21.5        | 51                      | 20 | 78.085     | 170.929        | 1025.1      | -33.0        |
| 19                      | 19 | 77.215     | 171.033        | 1019.8      | -17.1        | 52                      | 21 | 78.092     | 170.947        | 1018.9      | -37.0        |
| 20                      | 20 | 77.359     | 170.911        | 1017.4      | -14.6        | 53                      | 22 | 78.080     | 171.199        | 1019.4      | -34.9        |
| 21                      | 21 | 77.414     | 170.793        | 1033.8      | -20.5        | 54                      | 23 | 78.049     | 171.542        | 1024.2      | -33.4        |
| 22                      | 22 | 77.392     | 170.829        | 1048.9      | -29.9        | 55                      | 24 | 78.066     | 171.659        | 1025.9      | -35.2        |
| 23                      | 23 | 77.471     | 170.766        | 1035.2      | -19.0        | 56                      | 25 | 78.109     | 171.757        | 1021.4      | -32.4        |
| 24                      | 24 | 77.573     | 170.780        | 1023.0      | -16.4        | 57                      | 26 | 78.157     | 171.810        | 1021.1      | -31.2        |
| 25                      | 25 | 77.583     | 170.753        | 1018.6      | -15.7        | 58                      | 27 | 78.186     | 171.855        | 1022.5      | -30.8        |
| 26                      | 26 | 77.587     | 170.739        | 1013.3      | -17.5*       | 59                      | 28 | 78.199     | 171.795        | 1029.2      | -34.7        |
| 27                      | 27 | 77.579     | 170.816        | 1013.5      | -25.7        |                         |    |            |                |             |              |
| 28                      | 28 | 77.555     | 170.921        | 1023.8      | -31.6        |                         |    |            |                |             |              |
| 29                      | 29 | 77.566     | 170.815        | 1024.1      | -29.0        |                         |    |            |                |             |              |
| 30                      | 30 | 77.639     | 170.571        | 1014.6      | -24.2        |                         |    |            |                |             |              |
| 31                      | 31 | 77.674     | 170.783        | 1015.4      | -32.1        |                         |    |            |                |             |              |

| BUOY( 1907)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1907)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 78.212     | 171.695        | 1033.0      | -33.7        | 91                      | 1  | 78.970     | 174.211        | 1016.7      | -24.5        |
| 61                      | 2  | 78.237     | 171.412        | 1024.7      | -24.9        | 92                      | 2  | 79.033     | 174.081        | 1011.4      | -24.1        |
| 62                      | 3  | 78.273     | 171.151        | 1022.2      | -23.8        | 93                      | 3  | 79.066     | 173.902        | 1008.5      | -18.8        |
| 63                      | 4  | 78.265     | 171.068        | 1026.2      | -23.6        | 94                      | 4  | 79.081     | 173.809        | 1013.8      | -22.6        |
| 64                      | 5  | 78.254     | 170.989        | 1030.3      | -28.3        | 95                      | 5  | 79.078     | 173.770        | 1019.1      | -22.0        |
| 65                      | 6  | 78.337     | 170.663        | 1004.9      | -19.9        | 96                      | 6  | 79.115     | 173.595        | 1012.3      | -17.1        |
| 66                      | 7  | 78.346     | 171.438        | 1038.6      | -26.2        | 97                      | 7  | 79.156     | 173.489        | 998.7       | -15.3        |
| 67                      | 8  | 78.335     | 171.615        | 1049.7      | -28.3        | 98                      | 8  | 79.164     | 173.528        | 1001.7      | -20.4        |
| 68                      | 9  | 78.395     | 171.469        | 1032.6      | -21.5        | 99                      | 9  | 79.134     | 173.724        | 1006.6      | -26.5        |
| 69                      | 10 | 78.367     | 171.681        | 1037.3      | -25.1        | 100                     | 10 | 79.102     | 173.941        | 1021.1      | -27.1        |
| 70                      | 11 | 78.322     | 172.249        | 1040.5      | -29.5        | 101                     | 11 | 79.133     | 173.872        | 1024.5      | -23.8        |
| 71                      | 12 | 78.299     | 172.875        | 1025.2      | -27.7        | 102                     | 12 | 79.181     | 173.601        | 1020.2      | -18.3        |
| 72                      | 13 | 78.314     | 173.681        | 1005.1      | -19.9        | 103                     | 13 | 79.199     | 173.474        | 1019.9      | -20.0        |
| 74                      | 15 | 78.337     | 174.522        | 1013.0      | -26.6        | 104                     | 14 | 79.158     | 173.235        | 1006.6      | -24.4        |
| 75                      | 16 | 78.390     | 174.632        | 1016.9      | -27.5        | 105                     | 15 | 79.097     | 173.298        | 1001.6      | -26.2        |
| 76                      | 17 | 78.422     | 174.565        | 1017.7      | -28.6        | 106                     | 16 | 79.076     | 173.607        | 1004.8      | -23.2        |
| 77                      | 18 | 78.478     | 174.419        | 1018.7      | -29.5        | 107                     | 17 | 79.106     | 173.810        | 1009.4      | -21.1        |
| 78                      | 19 | 78.515     | 174.355        | 1019.8      | -29.7        | 108                     | 18 | 79.139     | 173.847        | 1013.3      | -20.0        |
| 80                      | 21 | 78.568     | 174.545        | 1018.3      | -28.0        | 109                     | 19 | 79.153     | 173.805        | 1018.9      | -18.7        |
| 81                      | 22 | 78.618     | 174.574        | 1015.2      | -30.3        | 110                     | 20 | 79.177     | 173.690        | 1021.0      | -17.4        |
| 82                      | 23 | 78.651     | 174.444        | 1012.4      | -29.9        | 111                     | 21 | 79.214     | 173.463        | 1022.5      | -16.3        |
| 83                      | 24 | 78.670     | 174.388        | 1009.6      | -27.8        | 113                     | 23 | 79.273     | 173.020        | 1025.0      | -15.3        |
| 84                      | 25 | 78.686     | 174.495        | 1010.2      | -23.9        | 114                     | 24 | 79.295     | 172.861        | 1030.5      | -18.6        |
| 85                      | 26 | 78.718     | 174.612        | 1010.4      | -24.3        | 115                     | 25 | 79.323     | 172.504        | 1031.3      | -20.3        |
| 86                      | 27 | 78.738     | 174.617        | 1013.0      | -25.6        | 116                     | 26 | 79.344     | 171.814        | 1019.1      | -13.9        |
| 87                      | 28 | 78.772     | 174.549        | 1015.6      | -23.6        | 117                     | 27 | 79.384     | 171.332        | 1020.4      | -4.4         |
| 88                      | 29 | 78.827     | 174.449        | 1018.7      | -18.8        | 118                     | 28 | 79.434     | 171.101        | 1021.2      | -2.6         |
| 89                      | 30 | 78.878     | 174.409        | 1021.0      | -18.7        | 119                     | 29 | 79.464     | 170.916        | 1015.8      | -2.1         |
| 90                      | 31 | 78.924     | 174.356        | 1021.3      | -20.1        | 120                     | 30 | 79.471     | 170.806        | 1017.6      | -3.7         |

# BUOY 1907

| BUOY( 1907)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1907)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 79.512     | 170.755        | 1019.1      | -5.9         | 153                     | 2  | 80.446     | 173.090        | 1017.8      | -3.8         |
| 124                     | 4  | 79.761     | 170.624        | 1027.6      | -1.7         | 154                     | 3  | 80.465     | 173.204        | 1019.8      | -3.9         |
| 125                     | 5  | 79.755     | 170.603        | 1034.8      | -4.3         | 155                     | 4  | 80.504     | 173.400        | 1021.6      | -5.1         |
| 126                     | 6  | 79.713     | 170.360        | 1040.5      | -5.5         | 156                     | 5  | 80.569     | 173.330        | 1023.2      | -5.5         |
| 127                     | 7  | 79.674     | 170.350        | 1031.8      | -8.0         | 157                     | 6  | 80.618     | 173.001        | 1021.6      | -4.6         |
| 128                     | 8  | 79.611     | 170.370        | 1032.5      | -11.1        | 158                     | 7  | 80.618     | 172.686        | 1023.6      | -5.7         |
| 129                     | 9  | 79.581     | 170.579        | 1023.6      | -9.5         | 159                     | 8  | 80.629     | 172.487        | 1024.0      | -4.3         |
| 130                     | 10 | 79.581     | 170.805        | 1016.7      | -8.5         | 160                     | 9  | 80.649     | 172.257        | 1025.2      | -5.3         |
| 131                     | 11 | 79.593     | 171.154        | 1007.6      | -6.2         | 161                     | 10 | 80.711     | 172.115        | 1021.0      | -1.5         |
| 132                     | 12 | 79.632     | 171.834        | 993.1       | -3.0         | 162                     | 11 | 80.805     | 172.003        | 1014.4      | 0.4          |
| 133                     | 13 | 79.609     | 172.170        | 994.0       | -5.4         | 163                     | 12 | 80.910     | 172.060        | 1013.1      | 0.6          |
| 134                     | 14 | 79.612     | 172.572        | 994.6       | -8.8         | 164                     | 13 | 81.029     | 172.110        | 1007.7      | 0.5          |
| 135                     | 15 | 79.626     | 172.774        | 997.4       | -10.1        | 165                     | 14 | 81.119     | 171.918        | 1008.6      | 0.5          |
| 136                     | 16 | 79.656     | 172.905        | 998.8       | -8.7         | 166                     | 15 | 81.180     | 171.538        | 1013.3      | -1.3         |
| 137                     | 17 | 79.711     | 172.871        | 998.2       | -7.9         | 167                     | 16 | 81.229     | 171.084        | 1021.2      | -2.1         |
| 138                     | 18 | 79.782     | 172.816        | 1002.4      | -5.3         | 168                     | 17 | 81.245     | 170.904        | 1027.7      | 0.9          |
| 139                     | 19 | 79.829     | 172.950        | 1008.1      | -5.7         | 169                     | 18 | 81.255     | 171.075        | 1028.4      | 0.8          |
| 140                     | 20 | 79.893     | 172.913        | 1010.3      | -1.2*        | 170                     | 19 | 81.248     | 171.583        | 1016.6      | 0.5          |
| 141                     | 21 | 79.923     | 172.745        | 1015.9      | -2.0*        | 171                     | 20 | 81.173     | 171.874        | 1018.4      | -0.7         |
| 142                     | 22 | 79.943     | 172.593        | 1018.4      | -6.0         | 172                     | 21 | 81.134     | 172.436        | 1005.6      | 0.2          |
| 143                     | 23 | 80.057     | 172.672        | 1007.4      | -3.8         | 173                     | 22 | 81.077     | 172.618        | 1008.7      | 0.3          |
| 144                     | 24 | 80.189     | 172.909        | 1006.5      | -6.4         | 174                     | 23 | 81.068     | 172.445        | 1014.5      | -0.2         |
| 145                     | 25 | 80.318     | 173.161        | 1010.2      | -5.4         | 175                     | 24 | 81.094     | 172.514        | 1006.5      | -0.2         |
| 146                     | 26 | 80.430     | 173.426        | 1013.8      | -2.5         | 176                     | 25 | 81.126     | 172.336        | 994.6       | -0.1         |
| 147                     | 27 | 80.492     | 173.378        | 1015.9      | -4.4         | 177                     | 26 | 81.176     | 172.491        | 989.4       | -0.5         |
| 148                     | 28 | 80.522     | 173.052        | 1012.7      | -7.5         | 178                     | 27 | 81.217     | 173.082        | 996.8       | -0.1         |
| 149                     | 29 | 80.472     | 172.839        | 1009.9      | -8.4         | 179                     | 28 | 81.279     | 173.437        | 1000.7      | 0.8          |
| 150                     | 30 | 80.434     | 172.972        | 1011.3      | -6.5         | 180                     | 29 | 81.393     | 173.808        | 1005.2      | 1.2*         |
| 151                     | 31 | 80.414     | 172.996        | 1013.1      | -5.1         | 181                     | 30 | 81.514     | 173.743        | 1002.5      | 0.4          |

| BUOY( 1907)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1907)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 81.575     | 173.759        | 1011.9      | 0.3          | 213                     | 1  | 81.721     | 172.460        | 999.2       | 0.4          |
| 183                     | 2  | 81.612     | 173.374        | 1006.0      | 0.2          | 214                     | 2  | 81.683     | 172.927        | 1000.7      | 0.1          |
| 184                     | 3  | 81.665     | 172.758        | 998.1       | 1.1          | 215                     | 3  | 81.629     | 173.521        | 1006.6      | -0.3         |
| 185                     | 4  | 81.723     | 172.205        | 1004.4      | 1.3          | 216                     | 4  | 81.617     | 173.810        | 1000.2      | -0.5         |
| 186                     | 5  | 81.790     | 171.960        | 1008.1      | 0.6          | 217                     | 5  | 81.546     | 174.339        | 999.2       | -0.1         |
| 187                     | 6  | 81.837     | 171.904        | 1009.2      | 0.5          | 218                     | 6  | 81.532     | 174.422        | 1003.2      | -1.6         |
| 188                     | 7  | 81.871     | 171.750        | 1011.3      | 0.7*         | 219                     | 7  | 81.476     | 174.593        | 1015.8      | -2.9         |
| 189                     | 8  | 81.876     | 171.750        | 1015.1      | 1.9          | 220                     | 8  | 81.480     | 174.998        | 1008.7      | -2.3         |
| 190                     | 9  | 81.877     | 171.897        | 1008.3      | 2.4          | 221                     | 9  | 81.402     | 175.255        | 1015.0      | -1.3         |
| 191                     | 10 | 81.921     | 172.095        | 999.0       | 0.8          | 222                     | 10 | 81.347     | 175.478        | 1018.4      | -1.3         |
| 192                     | 11 | 81.947     | 172.321        | 997.3       | 0.1          | 223                     | 11 | 81.237     | 175.565        | 1016.0      | -0.5         |
| 193                     | 12 | 81.955     | 172.370        | 995.9       | -0.1         | 224                     | 12 | 81.131     | 175.644        | 1009.6      | -0.4         |
| 194                     | 13 | 81.973     | 172.216        | 1002.1      | 0.1          | 225                     | 13 | 81.109     | 175.606        | 1010.1      | -0.8         |
| 195                     | 14 | 81.968     | 171.610        | 1017.9      | 0.8          | 228                     | 16 | 80.994     | 175.983        | 1005.1      | 0.2*         |
| 196                     | 15 | 81.973     | 171.464        | 1017.8      | 1.4          | 229                     | 17 | 80.923     | 176.351        | 1001.5      | 0.3*         |
| 197                     | 16 | 81.917     | 171.867        | 1007.2      | 0.3          | 230                     | 18 | 80.946     | 176.773        | 1007.1      | 0.2          |
| 198                     | 17 | 81.847     | 172.290        | 1000.9      | 0.6          | 231                     | 19 | 80.971     | 177.156        | 1017.8      | -1.2         |
| 199                     | 18 | 81.893     | 172.295        | 998.0       | 0.3          | 232                     | 20 | 80.977     | 177.489        | 1016.1      | -1.1         |
| 200                     | 19 | 81.929     | 172.455        | 1003.3      | 0.6          | 233                     | 21 | 80.950     | 177.943        | 1009.9      | -0.7         |
| 201                     | 20 | 81.975     | 172.211        | 1003.5      | 0.3          | 234                     | 22 | 80.870     | 178.288        | 1003.3      | -0.4         |
| 202                     | 21 | 81.964     | 172.090        | 1008.3      | 1.4          | 235                     | 23 | 80.812     | 178.166        | 989.5       | -3.9         |
| 203                     | 22 | 82.010     | 172.384        | 998.7       | 0.5          | 236                     | 24 | 80.748     | 178.032        | 995.5       | -2.5         |
| 204                     | 23 | 82.030     | 172.652        | 998.8       | 0.7          | 237                     | 25 | 80.627     | 177.804        | 993.2       | -2.8         |
| 205                     | 24 | 82.063     | 172.887        | 992.6       | 0.5          | 238                     | 26 | 80.529     | 178.009        | 997.7       | -3.0         |
| 206                     | 25 | 82.070     | 172.712        | 997.3       | 0.0          | 239                     | 27 | 80.512     | 178.216        | 991.5       | -3.4         |
| 207                     | 26 | 81.981     | 172.208        | 1000.1      | 0.4          | 240                     | 28 | 80.525     | 178.635        | 999.4       | -2.2         |
| 208                     | 27 | 81.870     | 171.880        | 1005.1      | 0.6          | 241                     | 29 | 80.597     | 179.105        | 1007.4      | -1.2         |
| 209                     | 28 | 81.783     | 171.862        | 1000.7      | 0.1          | 242                     | 30 | 80.592     | 179.410        | 999.5       | -4.0         |
| 210                     | 29 | 81.773     | 171.603        | 1002.1      | -0.2         | 243                     | 31 | 80.587     | -179.887       | 1008.6      | -1.0         |
| 211                     | 30 | 81.725     | 171.622        | 998.1       | -0.1         |                         |    |            |                |             |              |
| 212                     | 31 | 81.736     | 171.801        | 1001.8      | 0.3          |                         |    |            |                |             |              |

# BUOY 1907

| BUOY( 1907)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1907)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 80.526     | -178.783       | 1002.0      | -1.3         | 274                     | 1  | 80.142     | -170.859       | 1011.8      | -6.4         |
| 245                     | 2  | 80.521     | -177.654       | 997.8       | -1.8         | 275                     | 2  | 80.159     | -170.974       | 1011.6      | -8.1         |
| 246                     | 3  | 80.556     | -176.858       | 992.3       | -3.0         | 276                     | 3  | 80.184     | -171.135       | 1009.8      | -9.3         |
| 247                     | 4  | 80.504     | -176.308       | 996.2       | -3.7         | 277                     | 4  | 80.203     | -171.424       | 997.3       | -9.7         |
| 248                     | 5  | 80.531     | -175.710       | 993.7       | -2.2         | 278                     | 5  | 80.194     | -171.094       | 1008.4      | -9.4         |
| 249                     | 6  | 80.615     | -175.370       | 988.1       | -1.8         | 279                     | 6  | 80.279     | -170.689       | 1011.2      | -9.4         |
| 250                     | 7  | 80.617     | -175.188       | 988.2       | -5.6         | 280                     | 7  | 80.280     | -170.375       | 1017.2      | -12.6        |
| 251                     | 8  | 80.612     | -175.381       | 986.0       | -3.8         | 281                     | 8  | 80.329     | -170.079       | 1015.6      | -7.0         |
| 252                     | 9  | 80.619     | -175.877       | 988.1       | -3.1         | 282                     | 9  | 80.375     | -170.270       | 1011.9      | -10.9        |
| 253                     | 10 | 80.619     | -176.566       | 997.3       | -3.2         | 283                     | 10 | 80.484     | -170.984       | 1010.1      | -10.0        |
| 254                     | 11 | 80.563     | -177.208       | 1006.5      | -4.7         | 284                     | 11 | 80.645     | -171.616       | 1016.4      | -10.3        |
| 255                     | 12 | 80.513     | -177.604       | 1019.8      | -7.6         | 285                     | 12 | 80.734     | -171.954       | 1018.8      | -11.2        |
| 256                     | 13 | 80.495     | -177.490       | 1021.3      | -7.9         | 286                     | 13 | 80.839     | -172.320       | 1021.3      | -16.1        |
| 257                     | 14 | 80.456     | -177.186       | 1019.1      | -4.4         | 287                     | 14 | 80.927     | -172.776       | 1025.7      | -15.2        |
| 258                     | 15 | 80.424     | -177.025       | 1025.1      | -4.6         | 288                     | 15 | 80.992     | -173.260       | 1030.1      | -19.1        |
| 259                     | 16 | 80.437     | -176.916       | 1024.2      | -4.3         | 289                     | 16 | 81.054     | -173.690       | 1037.4      | -19.5        |
| 260                     | 17 | 80.533     | -176.175       | 1009.7      | -0.9         | 290                     | 17 | 81.055     | -173.983       | 1032.4      | -15.9        |
| 261                     | 18 | 80.471     | -175.502       |             | -1.1*        | 291                     | 18 | 81.002     | -174.330       | 1018.5      | -15.2        |
| 262                     | 19 | 80.407     | -174.984       | 1013.6      | -3.2         | 292                     | 19 | 80.998     | -174.510       | 1011.5      | -19.2        |
| 263                     | 20 | 80.415     | -174.496       | 1014.7      | -3.5         | 293                     | 20 | 81.050     | -174.443       | 1016.5      | -17.4        |
| 264                     | 21 | 80.412     | -174.274       | 1017.6      | -2.1         | 294                     | 21 | 81.093     | -174.375       | 1020.2      | -16.8        |
| 265                     | 22 | 80.409     | -174.277       | 1021.1      | -2.1         | 295                     | 22 | 81.174     | -174.146       | 1025.3      | -17.0        |
| 266                     | 23 | 80.401     | -174.446       | 1021.7      | -2.9         | 296                     | 23 | 81.259     | -174.530       | 1021.8      | -16.2        |
| 267                     | 24 | 80.381     | -173.958       | 1010.2      | -3.1         | 297                     | 24 | 81.320     | -174.740       | 1021.8      | -15.1        |
| 268                     | 25 | 80.322     | -173.670       | 1008.4      | -8.2         | 298                     | 25 | 81.370     | -174.524       | 1019.1      | -12.2        |
| 269                     | 26 | 80.257     | -173.103       | 995.6       | -3.2         | 299                     | 26 | 81.451     | -174.253       | 1004.3      | -12.7        |
| 270                     | 27 | 80.175     | -172.551       | 999.7       | -2.7         | 300                     | 27 | 81.395     | -174.570       | 1000.9      | -22.1        |
| 271                     | 28 | 80.105     | -171.501       |             | -1.2*        | 301                     | 28 | 81.203     | -174.153       | 1017.1      | -23.2        |
| 272                     | 29 | 80.109     | -170.843       | 1013.2      | -4.0         | 302                     | 29 | 81.223     | -173.789       | 1022.4      | -18.4        |
| 273                     | 30 | 80.137     | -170.830       | 1006.9      | -4.1         | 303                     | 30 | 81.290     | -174.149       | 1004.5      | -14.5        |
|                         |    |            |                |             |              | 304                     | 31 | 81.257     | -174.643       | 1010.4      | -15.4        |

| BUOY( 1907)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1907)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 81.198     | -174.434       | 1028.4      | -23.1        | 335                     | 1  | 80.114     | -179.736       | 995.5       | -30.8*       |
| 306                     | 2  | 81.203     | -174.360       | 1032.5      | -22.6        | 336                     | 2  | 80.098     | -179.135       | 993.1       | -23.3        |
| 307                     | 3  | 81.259     | -174.672       | 1023.8      | -14.5        | 337                     | 3  | 80.040     | -178.381       | 997.1       | -28.1        |
| 308                     | 4  | 81.292     | -174.821       | 1015.8      | -11.4        | 338                     | 4  | 80.045     | -177.667       | 1004.0      | -28.5        |
| 309                     | 5  | 81.351     | -175.320       | 997.5       | -14.1        | 339                     | 5  | 80.095     | -177.104       | 1009.1      | -31.4        |
| 310                     | 6  | 81.245     | -175.777       | 1014.2      | -22.0        | 340                     | 6  | 80.168     | -176.572       | 1011.8      | -29.4        |
| 311                     | 7  | 81.167     | -175.948       | 1021.7      | -29.8        | 341                     | 7  | 80.250     | -176.460       | 1003.5      | -25.7        |
| 312                     | 8  | 81.127     | -175.912       | 1013.1      | -25.2        | 342                     | 8  | 80.341     | -176.325       | 1005.4      | -24.8        |
| 313                     | 9  | 81.080     | -175.859       | 1010.4      | -27.5        | 343                     | 9  | 80.383     | -175.962       | 1013.7      | -19.7        |
| 314                     | 10 | 81.055     | -176.037       | 1017.2      | -29.1        | 344                     | 10 | 80.405     | -175.815       | 1021.0      | -20.3        |
| 317                     | 13 | 80.795     | -175.913       | 1019.2      | -28.7        | 345                     | 11 | 80.482     | -175.639       | 1019.6      | -23.8        |
| 318                     | 14 | 80.745     | -176.172       | 1020.6      | -24.8        | 346                     | 12 | 80.579     | -175.694       | 1015.7      | -30.1        |
| 319                     | 15 | 80.640     | -176.537       | 1017.4      | -20.0        | 347                     | 13 | 80.679     | -175.912       | 1016.3      | -29.2        |
| 320                     | 16 | 80.557     | -176.706       | 1011.6      | -21.0        | 348                     | 14 | 80.780     | -176.210       | 1017.5      | -27.5        |
| 321                     | 17 | 80.542     | -176.761       | 1015.8      | -22.9        | 349                     | 15 | 80.837     | -176.422       | 1022.2      | -31.7        |
| 322                     | 18 | 80.486     | -177.181       | 1014.7      | -20.2        | 350                     | 16 | 80.866     | -176.460       | 1025.2      | -33.4        |
| 323                     | 19 | 80.500     | -177.298       | 1018.8      | -29.7        | 351                     | 17 | 80.884     | -176.440       | 1026.7      | -33.8        |
| 324                     | 20 | 80.504     | -177.539       | 1015.0      | -27.4        | 352                     | 18 | 80.917     | -176.376       | 1028.2      | -33.3        |
| 325                     | 21 | 80.506     | -177.697       | 1010.2      | -32.2        | 353                     | 19 | 80.966     | -176.435       | 1028.6      | -32.2        |
| 326                     | 22 | 80.505     | -177.839       | 1000.5      | -39.6        | 354                     | 20 | 81.015     | -176.820       | 1020.8      | -29.3        |
| 327                     | 23 | 80.455     | -178.200       | 992.6       | -25.3        | 355                     | 21 | 81.041     | -177.403       | 1018.7      | -31.1        |
| 328                     | 24 | 80.389     | -178.386       | 996.2       | -31.7        | 356                     | 22 | 81.006     | -177.813       | 1009.0      | -29.0        |
| 329                     | 25 | 80.320     | -178.670       | 1005.8      | -34.3        | 357                     | 23 | 80.963     | -178.332       | 1012.3      | -20.7        |
| 330                     | 26 | 80.249     | -178.984       | 1006.7      | -28.2        | 358                     | 24 | 80.938     | -178.812       | 1021.0      | -26.0*       |
| 331                     | 27 | 80.214     | -179.468       | 1006.9      | -26.6        | 359                     | 25 | 80.938     | -179.167       | 1027.2      | -30.5*       |
| 332                     | 28 | 80.142     | -179.874       | 1001.2      | -27.9        | 360                     | 26 | 80.977     | -179.438       | 1029.0      | -30.6        |
| 333                     | 29 | 80.097     | -179.948       | 1002.0      | -33.1        | 361                     | 27 | 81.070     | -179.565       | 1032.5      | -22.8        |
| 334                     | 30 | 80.064     | -179.999       | 998.6       | -33.5        | 362                     | 28 | 81.183     | -179.671       | 1029.6      | -20.7        |
|                         |    |            |                |             |              | 363                     | 29 | 81.369     | -179.798       | 1024.6      | -20.0        |
|                         |    |            |                |             |              | 364                     | 30 | 81.484     | -179.886       | 1018.6      | -21.6        |
|                         |    |            |                |             |              | 365                     | 31 | 81.641     | -178.976       | 1007.7      | -17.7        |



# BUOY 1908

| BUOY( 1908)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1908)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 74.397     | -155.270       | 1000.5      | -33.6        | 32                      | 1  | 75.393     | -159.220       | 1020.6      | -33.1        |
| 2                       | 2  | 74.430     | -155.403       | 997.0       | -30.5        | 33                      | 2  | 75.393     | -159.302       | 1019.5      | -33.9        |
| 3                       | 3  | 74.427     | -155.610       | 997.7       | -32.6        | 34                      | 3  | 75.381     | -159.482       | 1016.1      | -31.0        |
| 4                       | 4  | 74.424     | -155.649       | 1001.7      | -33.8        | 35                      | 4  | 75.370     | -159.422       | 1014.0      | -33.2        |
| 5                       | 5  | 74.307     | -155.914       | 985.8       | -26.4        | 36                      | 5  | 75.345     | -159.096       | 1028.6      | -35.2        |
| 6                       | 6  | 74.261     | -155.601       | 994.0       | -32.8        | 37                      | 6  | 75.323     | -159.153       | 1038.9      | -35.8        |
| 7                       | 7  | 74.291     | -155.362       | 1004.5      | -35.7        | 38                      | 7  | 75.378     | -159.605       | 1036.6      | -30.5        |
| 8                       | 8  | 74.316     | -155.078       | 1024.6      | -33.2        | 39                      | 8  | 75.420     | -160.204       | 1031.0      | -25.1        |
| 9                       | 9  | 74.348     | -154.946       | 1037.9      | -32.4        | 40                      | 9  | 75.409     | -160.453       | 1034.3      | -28.7        |
| 10                      | 10 | 74.487     | -155.461       | 1027.4      | -24.9        | 43                      | 12 | 75.385     | -160.664       | 1042.9      | -34.4        |
| 11                      | 11 | 74.662     | -156.062       | 1020.1      | -21.0        | 44                      | 13 | 75.398     | -160.599       | 1042.3      | -30.9        |
| 12                      | 12 | 74.859     | -156.455       | 1013.6      | -17.7        | 45                      | 14 | 75.472     | -160.395       | 1033.1      | -23.6        |
| 13                      | 13 | 74.878     | -156.675       | 1021.4      | -15.6        | 46                      | 15 | 75.553     | -160.035       | 1022.9      | -23.0        |
| 14                      | 14 | 74.947     | -156.817       | 1025.1      | -13.8        | 47                      | 16 | 75.554     | -160.107       | 1031.5      | -27.9        |
| 15                      | 15 | 74.902     | -156.982       | 1031.7      | -19.8        | 48                      | 17 | 75.553     | -160.179       | 1030.3      | -29.8        |
| 16                      | 16 | 74.943     | -157.552       | 1023.1      | -19.6        | 49                      | 18 | 75.557     | -160.285       | 1034.6      | -31.3        |
| 17                      | 17 | 74.960     | -157.500       | 1033.3      | -23.2        | 50                      | 19 | 75.563     | -160.290       | 1036.5      | -31.0        |
| 18                      | 18 | 74.983     | -157.344       | 1033.2      | -23.9        | 51                      | 20 | 75.579     | -160.354       | 1027.3      | -28.2        |
| 19                      | 19 | 75.066     | -157.700       | 1040.7      | -23.0        | 52                      | 21 | 75.597     | -160.628       | 1006.5      | -28.7        |
| 20                      | 20 | 75.210     | -158.129       | 1036.4      | -22.9        | 53                      | 22 | 75.530     | -160.400       | 1022.2      | -29.9        |
| 21                      | 21 | 75.328     | -158.566       | 1028.1      | -21.8        | 54                      | 23 | 75.513     | -160.118       | 1025.3      | -31.5        |
| 22                      | 22 | 75.337     | -158.508       | 1039.3      | -24.3        | 56                      | 25 | 75.498     | -160.107       | 1029.3      | -35.2        |
| 23                      | 23 | 75.289     | -158.830       | 1045.5      | -26.2        | 57                      | 26 | 75.506     | -160.100       | 1031.1      | -36.0        |
| 24                      | 24 | 75.343     | -158.912       | 1035.8      | -25.5        | 58                      | 27 | 75.515     | -160.135       | 1029.1      | -32.7        |
| 25                      | 25 | 75.380     | -158.691       | 1025.2      | -23.3        |                         |    |            |                |             |              |
| 26                      | 26 | 75.404     | -158.708       | 1021.5      | -21.0        |                         |    |            |                |             |              |
| 27                      | 27 | 75.434     | -158.670       | 1010.4      | -18.3        |                         |    |            |                |             |              |
| 28                      | 28 | 75.410     | -158.838       | 1012.3      | -22.8        |                         |    |            |                |             |              |
| 29                      | 29 | 75.336     | -158.920       | 1027.3      | -28.5        |                         |    |            |                |             |              |
| 30                      | 30 | 75.348     | -159.099       | 1023.1      | -29.6        |                         |    |            |                |             |              |
| 31                      | 31 | 75.390     | -159.160       | 1019.3      | -29.1        |                         |    |            |                |             |              |

| BUOY( 1908)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1908)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 75.522     | -161.003       | 1032.6      | -27.3        | 91                      | 1  | 75.756     | -161.174       | 1025.6      | -20.0        |
| 61                      | 2  | 75.548     | -161.586       | 1031.0      | -25.9        | 92                      | 2  | 75.815     | -161.209       | 1015.7      | -20.0        |
| 62                      | 3  | 75.625     | -162.030       | 1021.7      | -24.8        | 93                      | 3  | 75.847     | -161.365       | 1009.4      | -16.8        |
| 63                      | 4  | 75.693     | -162.565       | 1021.2      | -21.0        | 94                      | 4  | 75.869     | -161.390       | 1015.4      | -22.4*       |
| 64                      | 5  | 75.733     | -162.609       |             | -20.1*       | 95                      | 5  | 75.847     | -161.360       | 1022.6      | -19.5        |
| 65                      | 6  | 75.812     | -162.555       | 1022.8      | -16.2        | 96                      | 6  | 75.856     | -161.381       | 1024.8      | -19.3        |
| 66                      | 7  | 75.788     | -162.123       | 1040.1      | -19.7        | 97                      | 7  | 75.940     | -161.321       | 1015.4      | -19.8        |
| 67                      | 8  | 75.758     | -161.973       | 1045.7      | -20.7        | 98                      | 8  | 76.049     | -161.094       | 1007.2      | -16.0        |
| 68                      | 9  | 75.753     | -162.214       | 1049.4      | -22.6        | 99                      | 9  | 76.048     | -160.838       | 1010.6      | -22.5        |
| 69                      | 10 | 75.810     | -161.926       | 1021.9      | -16.9        | 100                     | 10 | 76.016     | -160.710       | 1020.5      | -23.9        |
| 70                      | 11 | 75.622     | -161.566       | 1039.6      | -25.9        | 101                     | 11 | 76.010     | -160.710       | 1030.1      | -21.1        |
| 71                      | 12 | 75.519     | -161.157       | 1031.0      | -27.3        | 102                     | 12 | 76.053     | -160.848       | 1032.1      | -21.3        |
| 72                      | 13 | 75.502     | -160.745       | 1013.4      | -23.4        | 103                     | 13 | 76.113     | -161.171       | 1018.9      | -19.9        |
| 73                      | 14 | 75.493     | -160.447       | 1004.7      | -22.5        | 104                     | 14 | 76.228     | -161.767       | 1004.7      | -12.5        |
| 74                      | 15 | 75.480     | -160.494       | 1013.0      | -24.2        | 105                     | 15 | 76.279     | -161.890       | 996.9       | -8.4         |
| 75                      | 16 | 75.474     | -160.549       | 1018.3      | -26.3        | 106                     | 16 | 76.204     | -161.940       | 1007.5      | -18.9        |
| 76                      | 17 | 75.484     | -160.636       | 1020.4      | -28.6        | 107                     | 17 | 76.184     | -161.883       | 1017.3      | -17.5        |
| 77                      | 18 | 75.505     | -160.805       | 1023.3      | -29.6        | 108                     | 18 | 76.196     | -161.890       | 1018.9      | -14.9        |
| 78                      | 19 | 75.501     | -160.925       | 1025.7      | -29.2        | 109                     | 19 | 76.197     | -162.044       | 1018.9      | -16.0        |
| 79                      | 20 | 75.502     | -160.900       | 1026.9      | -28.3        | 110                     | 20 | 76.202     | -162.170       | 1022.0      | -14.1        |
| 80                      | 21 | 75.508     | -160.880       | 1025.5      | -27.9        | 111                     | 21 | 76.210     | -162.388       | 1021.1      | -15.8        |
| 81                      | 22 | 75.517     | -160.927       | 1019.4      | -24.7        | 112                     | 22 | 76.218     | -162.573       | 1021.2      | -14.3        |
| 82                      | 23 | 75.531     | -161.084       | 1012.8      | -26.3        | 113                     | 23 | 76.233     | -162.665       | 1026.0      | -9.7         |
| 83                      | 24 | 75.542     | -161.091       | 1018.5      | -27.5        | 114                     | 24 | 76.265     | -162.763       | 1026.0      | -11.1        |
| 84                      | 25 | 75.551     | -161.005       | 1020.7      | -25.9        | 115                     | 25 | 76.313     | -163.143       | 1023.1      | -13.6        |
| 85                      | 26 | 75.559     | -160.899       | 1022.8      | -21.6        | 116                     | 26 | 76.398     | -163.535       | 1021.9      | -5.5         |
| 86                      | 27 | 75.596     | -160.697       | 1023.2      | -19.7        | 117                     | 27 | 76.493     | -163.473       | 1028.7      | -2.3         |
| 87                      | 28 | 75.630     | -160.665       | 1029.5      | -20.4        | 118                     | 28 | 76.564     | -163.596       | 1023.0      | -3.4         |
| 88                      | 29 | 75.671     | -160.774       | 1029.4      | -20.3        | 119                     | 29 | 76.620     | -163.774       | 1016.3      | -4.1         |
| 89                      | 30 | 75.695     | -160.909       | 1027.1      | -21.1        | 120                     | 30 | 76.612     | -163.766       | 1021.3      | -4.2         |
| 90                      | 31 | 75.715     | -161.071       | 1028.9      | -20.1        |                         |    |            |                |             |              |

# BUOY 1908

| BUOY( 1908)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1908)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 76.612     | -163.504       | 1030.9      | -7.8         | 152                     | 1  | 77.202     | -162.035       | 1015.1      | -4.1         |
| 122                     | 2  | 76.730     | -163.280       | 1034.2      | -7.3         | 153                     | 2  | 77.250     | -162.263       | 1014.0      | -3.2         |
| 123                     | 3  | 76.819     | -163.219       | 1035.0      | -7.4         | 154                     | 3  | 77.232     | -162.517       | 1017.1      | -2.6         |
| 124                     | 4  | 76.872     | -163.083       | 1037.3      | -6.6         | 155                     | 4  | 77.203     | -162.517       | 1022.7      | -2.7         |
| 125                     | 5  | 76.878     | -163.017       | 1030.6      | -5.4         | 156                     | 5  | 77.236     | -162.519       | 1025.5      | -4.2         |
| 128                     | 8  | 76.721     | -163.500       |             | -7.3*        | 157                     | 6  | 77.332     | -162.762       | 1016.6      | 0.2          |
| 129                     | 9  | 76.673     | -163.590       | 1022.5      | -9.9         | 158                     | 7  | 77.346     | -162.696       | 1018.0      | 0.8          |
| 130                     | 10 | 76.676     | -163.580       | 1021.0      | -11.7        | 159                     | 8  | 77.368     | -163.106       | 1018.9      | -0.5         |
| 131                     | 11 | 76.729     | -163.470       | 1016.2      | -12.7        | 160                     | 9  | 77.419     | -163.603       | 1022.0      | -1.1         |
| 132                     | 12 | 76.800     | -163.100       | 1007.1      | -12.6        | 161                     | 10 | 77.456     | -163.831       | 1026.0      | 0.7          |
| 133                     | 13 | 76.871     | -162.552       | 1001.0      | -9.7         | 162                     | 11 | 77.542     | -163.834       | 1025.4      | -0.9         |
| 134                     | 14 | 76.915     | -162.289       | 1001.1      | -5.5         | 163                     | 12 | 77.637     | -163.760       | 1023.9      | -2.6         |
| 135                     | 15 | 76.952     | -162.088       | 1002.1      | -6.0         | 164                     | 13 | 77.731     | -163.645       | 1018.0      | -1.4         |
| 136                     | 16 | 76.975     | -161.820       | 1008.2      | -9.0         | 165                     | 14 | 77.826     | -163.627       | 1013.7      | -0.2         |
| 137                     | 17 | 77.036     | -161.559       | 1012.4      | -8.0         | 166                     | 15 | 77.894     | -163.809       | 1013.8      | -0.3         |
| 138                     | 18 | 77.087     | -161.307       | 1013.9      | -5.9         | 167                     | 16 | 77.941     | -164.126       | 1019.8      | -0.4         |
| 139                     | 19 | 77.119     | -161.300       | 1014.2      | -2.5         | 168                     | 17 | 77.935     | -164.370       | 1025.1      | -0.6         |
| 140                     | 20 | 77.150     | -161.430       | 1010.2      | -1.0         | 169                     | 18 | 77.891     | -164.496       | 1029.2      | -0.3         |
| 141                     | 21 | 77.178     | -161.684       | 1013.9      | -1.2         | 171                     | 20 | 77.783     | -164.002       | 1014.6      | 0.4          |
| 142                     | 22 | 77.174     | -161.941       | 1020.4      | -4.2         | 172                     | 21 | 77.706     | -163.698       | 1008.3      | -0.4         |
| 143                     | 23 | 77.171     | -162.144       | 1021.9      | -6.7         | 173                     | 22 | 77.630     | -163.235       | 1007.9      | 0.3          |
| 144                     | 24 | 77.239     | -162.120       | 1017.7      | -6.4         | 174                     | 23 | 77.609     | -163.094       | 1014.0      | 1.2          |
| 145                     | 25 | 77.291     | -162.156       | 1018.2      | -6.2         | 175                     | 24 | 77.662     | -163.156       | 1008.8      | 0.2          |
| 146                     | 26 | 77.299     | -162.361       | 1016.6      | -6.2         | 176                     | 25 | 77.770     | -163.040       | 1002.0      | 1.0          |
| 147                     | 27 | 77.339     | -162.691       | 1012.7      | -5.5         | 177                     | 26 | 77.853     | -162.641       | 1005.4      | 0.7*         |
| 148                     | 28 | 77.363     | -163.209       | 1000.1      | -2.5         | 178                     | 27 | 77.887     | -162.202       | 1010.5      | 0.6          |
| 149                     | 29 | 77.329     | -162.977       | 1003.6      | -3.7         | 179                     | 28 | 77.919     | -161.634       | 1018.1      | 1.3          |
| 150                     | 30 | 77.244     | -162.506       | 1010.5      | -5.4         | 180                     | 29 | 77.979     | -161.386       | 1019.2      | 1.5          |
| 151                     | 31 | 77.177     | -162.126       | 1013.5      | -4.7         | 181                     | 30 | 78.072     | -161.400       | 1011.2      | 1.4          |

| BUOY( 1908)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1908)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 78.181     | -161.455       | 1010.2      | 0.9          | 213                     | 1  | 77.635     | -159.494       | 1010.1      | -0.9         |
| 183                     | 2  | 78.270     | -161.866       | 1000.0      | 0.8          | 214                     | 2  | 77.617     | -158.734       | 1007.2      | 0.0          |
| 184                     | 3  | 78.376     | -162.406       | 995.6       | 0.3          | 215                     | 3  | 77.646     | -158.361       | 1009.5      | -0.2         |
| 185                     | 4  | 78.470     | -162.657       | 1002.2      | 0.8          | 216                     | 4  | 77.629     | -157.923       | 1004.4      | -0.2         |
| 186                     | 5  | 78.526     | -162.765       | 1010.3      | 1.1          | 217                     | 5  | 77.647     | -157.842       | 998.6       | -0.9         |
| 187                     | 6  | 78.557     | -162.796       | 1013.5      | 1.5          | 218                     | 6  | 77.564     | -157.607       | 996.6       | -0.2         |
| 188                     | 7  | 78.573     | -162.715       | 1008.5      | 0.5          | 219                     | 7  | 77.453     | -157.456       | 1009.2      | -1.5         |
| 189                     | 8  | 78.486     | -162.614       | 1005.8      | 0.3          | 220                     | 8  | 77.338     | -157.242       | 1017.2      | -1.2         |
| 190                     | 9  | 78.343     | -162.506       | 1009.2      | 0.5          | 221                     | 9  | 77.293     | -156.534       |             | -1.7*        |
| 191                     | 10 | 78.333     | -162.221       | 1006.2      | 1.1          | 222                     | 10 | 77.171     | -156.164       | 1011.2      | -2.2         |
| 192                     | 11 | 78.390     | -161.891       | 1000.7      | 0.4          | 223                     | 11 | 77.080     | -155.820       | 1005.9      | -1.3         |
| 193                     | 12 | 78.439     | -161.444       | 1000.1      | 0.3          | 224                     | 12 | 76.912     | -155.377       | 997.8       | -1.6         |
| 194                     | 13 | 78.428     | -161.326       | 1001.7      | -0.2         | 225                     | 13 | 76.836     | -155.680       | 1008.9      | -2.1         |
| 195                     | 14 | 78.445     | -161.307       | 1007.0      | -1.0         | 226                     | 14 | 76.805     | -155.791       | 1013.2      | -2.7         |
| 196                     | 15 | 78.409     | -161.827       | 1010.9      | 0.5          | 227                     | 15 | 76.738     | -155.812       | 1012.5      | -4.5         |
| 197                     | 16 | 78.376     | -161.832       | 1003.3      | 0.4          | 228                     | 16 | 76.692     | -155.715       | 1007.2      | -4.0*        |
| 198                     | 17 | 78.289     | -161.747       | 1004.4      | 0.2          | 229                     | 17 | 76.640     | -155.484       | 1006.0      | -0.8         |
| 199                     | 18 | 78.234     | -161.412       | 999.2       | 0.6          | 230                     | 18 | 76.538     | -155.293       | 1015.2      | 0.3          |
| 200                     | 19 | 78.216     | -161.340       | 1008.3      | 0.8          | 231                     | 19 | 76.472     | -155.230       | 1021.0      | 0.9          |
| 201                     | 20 | 78.274     | -160.827       | 993.3       | 0.4          | 232                     | 20 | 76.415     | -155.165       | 1020.9      | 0.8          |
| 202                     | 21 | 78.178     | -160.397       | 1006.1      | 0.2          | 233                     | 21 | 76.358     | -154.966       | 1016.7      | -0.5         |
| 203                     | 22 | 78.234     | -160.490       | 1003.0      | 0.1          | 234                     | 22 | 76.266     | -154.428       | 1011.2      | -0.8         |
| 204                     | 23 | 78.238     | -160.195       | 1002.3      | 0.0          | 235                     | 23 | 76.223     | -153.826       | 1004.4      | -0.9         |
| 205                     | 24 | 78.205     | -160.421       | 992.1       | -0.1         | 236                     | 24 | 76.273     | -153.432       | 997.4       | -1.7         |
| 206                     | 25 | 78.135     | -160.148       | 986.3       | -0.3         | 237                     | 25 | 76.303     | -152.998       | 997.5       | -2.7         |
| 207                     | 26 | 78.035     | -159.918       | 984.9       | -0.5         | 238                     | 26 | 76.359     | -152.301       | 1004.0      | -2.3         |
| 208                     | 27 | 77.914     | -159.970       | 989.4       | -0.2         | 239                     | 27 | 76.384     | -151.608       | 1012.5      | -1.7         |
| 209                     | 28 | 77.814     | -160.152       | 1000.6      | -0.4         | 240                     | 28 | 76.454     | -151.224       | 1022.5      | -2.9         |
| 210                     | 29 | 77.856     | -160.164       | 983.5       | -1.1*        | 241                     | 29 | 76.489     | -151.112       | 1023.6      | -1.3         |
| 211                     | 30 | 77.761     | -160.650       | 998.9       | -0.8         | 242                     | 30 | 76.587     | -151.024       | 1018.8      | 0.4          |
| 212                     | 31 | 77.651     | -160.269       | 1011.7      | -1.5         | 243                     | 31 | 76.616     | -151.048       | 1017.0      | -0.6         |

# BUOY 1908

| BUOY( 1908)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1908)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 76.607     | -151.144       | 1018.9      | -2.7         | 274                     | 1  | 76.988     | -144.497       | 1013.1      | -6.2         |
| 245                     | 2  | 76.592     | -150.960       | 1014.9      | -2.0         | 275                     | 2  | 77.018     | -144.839       | 1008.9      | -5.5         |
| 246                     | 3  | 76.659     | -150.969       | 1001.3      | -0.8         | 276                     | 3  | 77.065     | -145.227       | 1002.7      | -3.2         |
| 247                     | 4  | 76.663     | -151.181       | 999.3       | -1.9         | 277                     | 4  | 77.156     | -145.511       | 994.6       | -2.6*        |
| 248                     | 5  | 76.631     | -151.350       | 1006.5      | -3.2         | 278                     | 5  | 76.960     | -145.260       | 1013.6      | -9.0*        |
| 249                     | 6  | 76.764     | -151.102       | 1002.4      | -1.9*        | 279                     | 6  | 76.942     | -145.006       | 1023.1      | -5.4         |
| 250                     | 7  | 76.932     | -150.780       | 992.0       | -0.5         | 280                     | 7  | 76.955     | -144.720       | 1021.7      | -5.4         |
| 251                     | 8  | 77.004     | -150.222       | 991.7       | -1.7*        | 281                     | 8  | 76.991     | -145.217       | 1013.5      | -7.6         |
| 252                     | 9  | 77.158     | -150.012       | 989.1       | -1.7         | 282                     | 9  | 77.090     | -146.163       | 1008.1      | -9.1         |
| 253                     | 10 | 77.349     | -150.003       | 988.1       | -0.9*        | 283                     | 10 | 77.243     | -147.087       | 1013.2      | -9.3         |
| 254                     | 11 | 77.495     | -150.186       | 993.8       | -1.5         | 284                     | 11 | 77.284     | -147.607       | 1017.2      | -11.8        |
| 255                     | 12 | 77.560     | -150.650       | 1006.6      | -3.3         | 285                     | 12 | 77.300     | -147.883       | 1021.8      | -17.5        |
| 256                     | 13 | 77.469     | -150.808       | 1018.4      | -2.5         | 286                     | 13 | 77.345     | -148.238       | 1023.9      | -17.4        |
| 257                     | 14 | 77.337     | -150.360       | 1019.6      | -3.9         | 287                     | 14 | 77.398     | -148.625       | 1026.5      | -17.3        |
| 258                     | 15 | 77.265     | -149.992       | 1017.8      | -3.3         | 288                     | 15 | 77.474     | -149.091       | 1031.1      | -18.3        |
| 259                     | 16 | 77.220     | -150.289       | 1034.0      | -6.6         | 289                     | 16 | 77.503     | -149.594       | 1033.3      | -16.3        |
| 260                     | 17 | 77.248     | -149.867       | 1025.4      | -2.8         | 290                     | 17 | 77.461     | -149.935       | 1021.8      | -14.2        |
| 261                     | 18 | 77.311     | -148.832       | 1013.2      | -1.7         | 291                     | 18 | 77.459     | -150.154       | 1016.6      | -15.5        |
| 262                     | 19 | 77.301     | -148.459       | 1016.3      | -2.1         | 292                     | 19 | 77.432     | -150.115       | 1016.4      | -15.7        |
| 263                     | 20 | 77.296     | -148.438       | 1022.9      | -2.0         | 293                     | 20 | 77.524     | -150.456       | 1015.7      | -11.9        |
| 264                     | 21 | 77.318     | -148.035       | 1023.0      | -2.0         | 294                     | 21 | 77.530     | -150.395       | 1023.6      | -14.5        |
| 265                     | 22 | 77.235     | -147.774       |             | -2.7*        | 295                     | 22 | 77.503     | -150.526       | 1025.8      | -15.1        |
| 266                     | 23 | 77.232     | -147.362       | 1024.3      | -2.1         | 296                     | 23 | 77.534     | -150.624       | 1024.9      | -17.5        |
| 267                     | 24 | 77.259     | -146.983       | 1015.1      | -2.3         | 297                     | 24 | 77.546     | -150.745       | 1025.1      | -19.2        |
| 268                     | 25 | 77.229     | -146.606       | 1004.2      | -3.6         | 298                     | 25 | 77.500     | -151.116       | 1019.6      | -12.9        |
| 269                     | 26 | 77.138     | -146.073       | 996.7       | -5.4         | 299                     | 26 | 77.501     | -151.224       | 1019.4      | -19.0        |
| 270                     | 27 | 77.021     | -145.360       | 1008.4      | -2.6         | 300                     | 27 | 77.680     | -150.814       | 996.5       | -12.1        |
| 271                     | 28 | 76.920     | -144.421       | 1018.3      | -2.1         | 301                     | 28 | 77.621     | -149.896       | 998.7       | -17.0        |
| 272                     | 29 | 76.910     | -144.059       | 1018.5      | -2.7         | 302                     | 29 | 77.370     | -149.514       | 1032.2      | -18.0        |
| 273                     | 30 | 76.992     | -144.187       | 1008.2      | -4.6         | 303                     | 30 | 77.531     | -149.433       | 1006.6      | -6.6         |
|                         |    |            |                |             |              | 304                     | 31 | 77.530     | -148.814       | 1009.3      | -7.2         |

| BUOY( 1908)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 1908)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 77.386     | -148.230       | 1027.2      | -13.2        | 335                     | 1  | 77.744     | -148.669       | 1000.0      | -32.0        |
| 306                     | 2  | 77.294     | -147.890       | 1033.9      | -17.2        | 336                     | 2  | 77.723     | -148.391       | 1001.8      | -31.3        |
| 309                     | 5  | 77.612     | -147.655       | 1000.6      | -5.8         | 337                     | 3  | 77.749     | -147.740       | 1000.4      | -26.4        |
| 310                     | 6  | 77.593     | -147.012       | 997.7       | -11.1        | 338                     | 4  | 77.711     | -147.267       | 1013.3      | -29.7        |
| 311                     | 7  | 77.406     | -146.795       | 1004.5      | -21.0        | 339                     | 5  | 77.691     | -146.891       | 1020.4      | -31.6        |
| 312                     | 8  | 77.214     | -146.827       | 1009.1      | -25.0        | 340                     | 6  | 77.701     | -146.699       | 1019.7      | -32.7        |
| 313                     | 9  | 77.122     | -146.802       | 1001.9      | -25.9        | 342                     | 8  | 77.823     | -146.514       | 1014.6      | -23.7        |
| 314                     | 10 | 77.084     | -146.801       | 1004.6      | -23.0        | 343                     | 9  | 77.819     | -146.414       | 1016.7      | -28.8        |
| 315                     | 11 | 76.988     | -146.841       | 1004.7      | -24.6        | 344                     | 10 | 77.790     | -146.310       | 1020.9      | -29.3        |
| 316                     | 12 | 76.965     | -146.785       | 1003.3      | -23.8        | 345                     | 11 | 77.777     | -146.355       | 1026.7      | -33.7        |
| 317                     | 13 | 76.931     | -147.153       | 1005.7      | -25.3        | 346                     | 12 | 77.806     | -146.465       | 1026.0      | -31.2        |
| 318                     | 14 | 76.929     | -147.501       | 1010.8      | -23.3        | 348                     | 14 | 77.893     | -146.966       | 1023.0      | -29.3        |
| 319                     | 15 | 76.934     | -147.506       | 1013.0      | -20.1        | 349                     | 15 | 77.902     | -147.204       | 1023.2      | -29.4        |
| 320                     | 16 | 76.946     | -147.569       | 1007.4      | -21.2        | 350                     | 16 | 77.865     | -147.462       | 1022.0      | -29.8        |
| 321                     | 17 | 76.956     | -147.921       | 1002.7      | -21.2        | 351                     | 17 | 77.826     | -147.641       | 1023.0      | -32.7        |
| 322                     | 18 | 77.022     | -147.839       | 1018.5      | -31.2        | 352                     | 18 | 77.801     | -147.779       | 1029.9      | -34.5        |
| 323                     | 19 | 77.108     | -147.980       | 1016.0      | -25.8        | 353                     | 19 | 77.805     | -147.910       | 1029.5      | -32.7*       |
| 324                     | 20 | 77.219     | -148.037       | 1018.7      | -23.4        | 354                     | 20 | 77.828     | -148.257       | 1018.1      | -29.6        |
| 325                     | 21 | 77.271     | -147.927       | 1013.8      | -23.0        | 355                     | 21 | 77.821     | -148.569       | 1007.9      | -32.1        |
| 326                     | 22 | 77.401     | -148.342       | 988.3       | -19.0        | 356                     | 22 | 77.774     | -148.670       | 1001.9      | -32.0        |
| 327                     | 23 | 77.364     | -147.734       | 1005.0      | -28.3        | 357                     | 23 | 77.731     | -148.712       | 999.9       | -24.2        |
| 328                     | 24 | 77.464     | -147.422       | 997.1       | -25.8        | 358                     | 24 | 77.695     | -148.923       | 1008.7      | -23.1        |
| 329                     | 25 | 77.531     | -147.675       | 996.3       | -21.3        | 359                     | 25 | 77.670     | -149.211       | 1022.0      | -30.6        |
| 330                     | 26 | 77.558     | -147.788       | 1004.6      | -31.7        | 360                     | 26 | 77.655     | -149.357       | 1034.5      | -34.1        |
| 331                     | 27 | 77.598     | -147.823       | 1001.1      | -33.4        | 361                     | 27 | 77.651     | -149.405       | 1042.3      | -35.1        |
| 332                     | 28 | 77.675     | -148.097       | 992.0       | -21.8        | 362                     | 28 | 77.656     | -149.500       | 1042.2      | -33.1        |
| 333                     | 29 | 77.747     | -148.674       | 989.8       | -23.8        | 363                     | 29 | 77.709     | -149.700       | 1036.2      | -27.3        |
| 334                     | 30 | 77.770     | -148.726       | 1001.7      | -28.4        | 364                     | 30 | 77.834     | -150.238       | 1024.6      | -22.0        |
|                         |    |            |                |             |              | 365                     | 31 | 77.991     | -150.728       | 1024.9      | -21.3        |

# BUOY 2416

| BUOY( 2416)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 2416)<br>2003 Mar |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|---|------------|----------------|-------------|--------------|
| 12                      | 12 | 76.283     | -154.693       | 1024.0      | -22.3        | 66                      | 7 | 76.830     | -154.527       | 1000.5      |              |
| 13                      | 13 | 76.292     | -154.716       | 1007.9      | -20.8        | 67                      | 8 | 76.784     | -154.312       | 991.9       |              |
| 14                      | 14 | 76.344     | -154.722       | 1028.3      | -16.2        | 68                      | 9 | 76.782     | -154.174       | 995.5       |              |
| 15                      | 15 | 76.294     | -154.657       | 999.0       | -23.7        |                         |   |            |                |             |              |
| 16                      | 16 | 76.305     | -154.917       | 1018.3      | -19.1        |                         |   |            |                |             |              |
| 17                      | 17 | 76.327     | -154.839       | 1001.3      | -23.4        |                         |   |            |                |             |              |
| 18                      | 18 | 76.346     | -154.753       | 1015.2      | -20.3        |                         |   |            |                |             |              |
| 19                      | 19 | 76.419     | -154.927       | 993.1       | -24.8        |                         |   |            |                |             |              |
| 20                      | 20 | 76.523     | -155.054       | 990.1       | -27.8        |                         |   |            |                |             |              |
| 21                      | 21 | 76.611     | -155.239       | 1012.6      | -21.4        |                         |   |            |                |             |              |
| 22                      | 22 | 76.623     | -155.293       | 1008.2      | -21.9        |                         |   |            |                |             |              |
| 23                      | 23 | 76.582     | -155.459       | 983.3       | -31.0*       |                         |   |            |                |             |              |
| 24                      | 24 | 76.611     | -155.267       | 991.6       |              |                         |   |            |                |             |              |
| 25                      | 25 | 76.622     | -154.912       | 1020.9      | -23.6*       |                         |   |            |                |             |              |
| 26                      | 26 | 76.650     | -154.867       | 1019.7      | -19.2        |                         |   |            |                |             |              |
| 27                      | 27 | 76.666     | -154.756       | 1029.1      | -17.2        |                         |   |            |                |             |              |

| BUOY( 2416)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 2416)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 76.646     | -152.923       | 1004.8      |              | 121                     | 1  | 77.299     | -154.572       | 1046.0      | -6.1         |
| 105                     | 15 | 77.006     | -153.008       | 1022.8      | -22.5*       | 122                     | 2  | 77.347     | -154.220       | 1042.7      | -6.2         |
| 106                     | 16 | 76.984     | -152.980       | 1030.6      | -18.2        | 123                     | 3  | 77.406     | -154.049       | 1046.1      | -7.4         |
| 107                     | 17 | 76.956     | -152.933       | 1012.6      | -32.5*       | 124                     | 4  | 77.442     | -153.834       | 1054.6      | -5.6         |
| 108                     | 18 | 76.956     | -152.975       | 1005.1      |              | 125                     | 5  | 77.412     | -153.710       | 1036.5      | -4.7         |
| 109                     | 19 | 76.955     | -153.131       | 1012.0      |              | 126                     | 6  | 77.346     | -153.972       | 1040.3      | -9.2         |
| 110                     | 20 | 76.952     | -153.298       | 1013.3      |              | 127                     | 7  | 77.248     | -153.949       | 1046.3      | -9.2         |
| 111                     | 21 | 76.957     | -153.546       | 1012.3      |              | 128                     | 8  | 77.176     | -153.940       | 1052.1      | -9.4         |
| 112                     | 22 | 76.950     | -153.761       | 1014.8      |              | 129                     | 9  | 77.136     | -153.990       | 1039.8      | -11.2        |
| 113                     | 23 | 76.946     | -153.822       | 1016.8      |              | 130                     | 10 | 77.144     | -153.957       | 1039.1      | -10.5        |
| 114                     | 24 | 76.959     | -153.863       | 1021.0      | -22.5*       | 131                     | 11 | 77.194     | -153.751       | 1021.7      | -12.6        |
| 115                     | 25 | 77.009     | -154.129       | 1023.5      | -15.6        | 132                     | 12 | 77.255     | -153.394       | 1030.4      | -11.1        |
| 116                     | 26 | 77.115     | -154.487       | 1027.6      | -7.2         | 133                     | 13 | 77.325     | -152.899       | 1034.0      | -11.4        |
| 117                     | 27 | 77.190     | -154.385       | 1025.0      | -2.9         | 134                     | 14 | 77.373     | -152.643       | 1032.0      | -11.3        |
| 118                     | 28 | 77.255     | -154.458       | 1016.9      | -5.6         | 135                     | 15 | 77.397     | -152.407       | 1006.9      | -5.8         |
| 119                     | 29 | 77.320     | -154.693       | 1019.6      | -6.2         | 136                     | 16 | 77.409     | -152.158       | 1033.6      | -8.3         |
| 120                     | 30 | 77.323     | -154.754       | 1057.1      | -6.4         | 137                     | 17 | 77.428     | -151.945       | 1053.4      | -6.8         |
|                         |    |            |                |             |              | 138                     | 18 | 77.493     | -151.657       | 1016.8      | -4.9         |
|                         |    |            |                |             |              | 139                     | 19 | 77.513     | -151.667       | 1010.8      | -3.4         |
|                         |    |            |                |             |              | 140                     | 20 | 77.545     | -151.784       | 1006.6      | -1.0         |
|                         |    |            |                |             |              | 141                     | 21 | 77.572     | -152.056       | 999.6       | -3.0         |
|                         |    |            |                |             |              | 142                     | 22 | 77.560     | -152.336       | 1007.1      | -5.6         |
|                         |    |            |                |             |              | 143                     | 23 | 77.519     | -152.544       | 1011.8      | -5.7         |
|                         |    |            |                |             |              | 144                     | 24 | 77.523     | -152.573       | 1007.4      | -5.7         |
|                         |    |            |                |             |              | 145                     | 25 | 77.545     | -152.585       | 1002.5      | -6.6         |
|                         |    |            |                |             |              | 146                     | 26 | 77.555     | -152.820       | 1006.1      | -6.8         |
|                         |    |            |                |             |              | 147                     | 27 | 77.600     | -153.088       | 1013.2      | -5.6         |
|                         |    |            |                |             |              | 148                     | 28 | 77.674     | -153.425       | 1022.9      | -2.4         |
|                         |    |            |                |             |              | 149                     | 29 | 77.728     | -152.985       | 1011.1      | -3.4         |
|                         |    |            |                |             |              | 150                     | 30 | 77.706     | -152.476       | 1012.0      | -2.9         |
|                         |    |            |                |             |              | 151                     | 31 | 77.633     | -152.103       | 1003.8      | -4.5         |

# BUOY 2416

| BUOY( 2416)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 77.656     | -151.878       | 1011.1      | -3.5         |
| 153                     | 2  | 77.724     | -152.019       | 1012.7      | -3.4         |
| 154                     | 3  | 77.753     | -152.276       | 1014.0      | -3.2         |
| 155                     | 4  | 77.727     | -152.383       | 1012.5      | -2.6         |
| 156                     | 5  | 77.720     | -152.361       | 1006.3      | -2.4         |
| 157                     | 6  | 77.798     | -152.432       | 1032.1      | -3.0         |
| 158                     | 7  | 77.841     | -152.543       | 1023.2      | -0.8         |
| 159                     | 8  | 77.846     | -152.739       | 1010.5      | -2.7         |
| 160                     | 9  | 77.883     | -153.108       | 1015.8      | -2.4         |
| 161                     | 10 | 77.903     | -153.299       | 1019.7      | -1.7         |
| 162                     | 11 | 77.965     | -153.250       | 1031.7      | -3.6         |
| 163                     | 12 | 78.023     | -153.112       | 1030.0      | -4.1         |
| 164                     | 13 | 78.082     | -152.928       | 1032.0      | -3.8         |
| 165                     | 14 | 78.143     | -152.877       | 1028.8      | -3.7         |

# BUOY 2419

| BUOY( 2419)<br>2003 Jan |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 2419)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1 | 79.278     | -10.554        | 1018.0      | -8.1         | 40                      | 9  | 75.609     | -16.970        | 988.5       | -9.2         |
| 2                       | 2 | 79.317     | -10.597        | 1012.1      | -10.8        | 41                      | 10 | 75.136     | -17.147        |             | -11.3*       |
| 3                       | 3 | 79.226     | -11.084        | 1014.1      | -11.0        | 42                      | 11 | 74.828     | -17.416        | 1011.7      | -12.3        |
|                         |   |            |                |             |              | 43                      | 12 | 74.633     | -18.026        | 1009.7      | -9.9         |
|                         |   |            |                |             |              | 44                      | 13 | 74.622     | -18.111        | 1011.0      | -12.9        |
|                         |   |            |                |             |              | 46                      | 15 | 74.415     | -18.421        | 1003.8      | -16.6        |
|                         |   |            |                |             |              | 47                      | 16 | 74.354     | -18.559        | 1010.8      | -13.3        |
|                         |   |            |                |             |              | 48                      | 17 | 74.134     | -19.183        |             | -11.3*       |
|                         |   |            |                |             |              | 49                      | 18 | 74.049     | -19.297        | 993.1       | -8.6         |
|                         |   |            |                |             |              | 50                      | 19 | 73.950     | -19.089        | 1002.7      | -8.1         |
|                         |   |            |                |             |              | 51                      | 20 | 73.690     | -19.047        | 1007.3      | -14.6        |
|                         |   |            |                |             |              | 52                      | 21 | 73.401     | -19.169        | 1017.0      | -17.3        |
|                         |   |            |                |             |              | 53                      | 22 | 73.123     | -19.438        | 1002.7      | -10.4        |
|                         |   |            |                |             |              | 54                      | 23 | 72.825     | -19.365        | 1010.5      | -10.5        |
|                         |   |            |                |             |              | 55                      | 24 | 72.585     | -19.857        | 1015.0      | -11.1        |
|                         |   |            |                |             |              | 56                      | 25 | 72.330     | -20.489        | 1005.6      | -10.7        |
|                         |   |            |                |             |              | 57                      | 26 | 72.161     | -20.969        | 1008.6      | -16.1        |
|                         |   |            |                |             |              | 58                      | 27 | 72.006     | -21.124        | 1019.3      | -18.8        |
|                         |   |            |                |             |              | 59                      | 28 | 71.804     | -21.077        | 1021.3      | -18.3        |

| BUOY( 2419)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 2419)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 71.610     | -20.976        | 1012.3      | -14.1        | 103                     | 13 | 68.430     | -27.763        | 1012.8      | -2.0         |
| 61                      | 2  | 71.278     | -21.046        | 1009.1      | -14.8        | 104                     | 14 | 68.436     | -27.753        | 1019.9      | -1.4         |
| 62                      | 3  | 70.816     | -21.070        | 1012.0      | -17.0        | 105                     | 15 | 68.440     | -27.755        | 1021.5      | -3.0         |
| 63                      | 4  | 70.383     | -21.415        | 1019.1      | -11.9        | 107                     | 17 | 68.446     | -27.701        | 1017.3      | 0.8          |
| 64                      | 5  | 69.877     | -21.630        | 1019.3      | -12.0        | 108                     | 18 | 68.454     | -27.571        |             | 1.1*         |
| 65                      | 6  | 69.514     | -22.181        | 1015.4      | -10.5        | 109                     | 19 | 68.487     | -27.259        | 1020.1      | 1.5          |
| 66                      | 7  | 69.410     | -22.906        | 1018.1      | -18.2        |                         |    |            |                |             |              |
| 67                      | 8  | 69.402     | -23.045        | 1014.0      | -18.7        |                         |    |            |                |             |              |
| 68                      | 9  | 69.403     | -23.047        | 1009.2      | -17.7        |                         |    |            |                |             |              |
| 69                      | 10 | 69.397     | -23.032        | 999.8       | -15.8        |                         |    |            |                |             |              |
| 70                      | 11 | 69.335     | -23.197        | 1011.1      | -17.2        |                         |    |            |                |             |              |
| 73                      | 14 | 69.254     | -22.351        | 1024.1      | -8.2         |                         |    |            |                |             |              |
| 74                      | 15 | 69.172     | -22.576        | 1024.9      | -6.2         |                         |    |            |                |             |              |
| 75                      | 16 | 69.107     | -22.720        | 1019.8      | -0.9         |                         |    |            |                |             |              |
| 76                      | 17 | 69.091     | -22.337        | 1015.6      | 1.4          |                         |    |            |                |             |              |
| 78                      | 19 | 68.828     | -23.405        | 1019.3      | -3.0*        |                         |    |            |                |             |              |
| 79                      | 20 | 68.967     | -23.834        | 1000.6      | -3.3*        |                         |    |            |                |             |              |
| 81                      | 22 | 68.827     | -24.847        | 991.4       | -8.0         |                         |    |            |                |             |              |
| 82                      | 23 | 68.678     | -25.422        | 993.9       | -8.5         |                         |    |            |                |             |              |
| 83                      | 24 | 68.628     | -26.219        | 989.6       | -9.7         |                         |    |            |                |             |              |
| 85                      | 26 | 68.536     | -26.942        | 989.7       | -6.8         |                         |    |            |                |             |              |
| 86                      | 27 | 68.539     | -26.881        | 1004.9      | -7.9         |                         |    |            |                |             |              |
| 87                      | 28 | 68.516     | -27.062        | 996.5       | -3.9         |                         |    |            |                |             |              |
| 88                      | 29 | 68.497     | -27.201        | 1001.6      | -5.5         |                         |    |            |                |             |              |

# BUOY 2419

| BUOY( 2419)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 2419)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 145                     | 25 | 68.587     | -25.809        | 1017.6      | 1.8          | 152                     | 1  | 68.573     | -25.600        | 1012.5      | -0.2         |
| 146                     | 26 | 68.589     | -25.869        | 1011.9      | 5.5          | 153                     | 2  | 68.532     | -25.749        | 1020.4      | 1.7          |
| 147                     | 27 | 68.599     | -25.811        | 1015.1      | 7.2          | 154                     | 3  | 68.496     | -25.700        | 1019.2      | 2.0          |
| 148                     | 28 | 68.598     | -25.797        | 1018.4      | 5.8          | 155                     | 4  | 68.462     | -25.690        | 1019.5      | 2.2          |
| 149                     | 29 | 68.594     | -25.788        | 1018.1      | -0.3         | 156                     | 5  | 68.394     | -25.893        | 1011.1      | 2.0          |
| 150                     | 30 | 68.591     | -25.598        | 1019.2      | 1.0          | 157                     | 6  | 68.333     | -26.262        | 1010.4      | 1.7          |
| 151                     | 31 | 68.592     | -25.539        | 1018.3      | 0.2          | 158                     | 7  | 68.256     | -26.493        | 1011.1      | 1.6          |
|                         |    |            |                |             |              | 159                     | 8  | 68.198     | -26.720        | 1014.7      | 1.8          |
|                         |    |            |                |             |              | 160                     | 9  | 68.163     | -26.927        | 1014.9      | 1.3          |
|                         |    |            |                |             |              | 161                     | 10 | 68.149     | -27.005        | 1015.7      | 1.5          |
|                         |    |            |                |             |              | 162                     | 11 | 68.137     | -27.200        | 1019.5      | 1.3          |
|                         |    |            |                |             |              | 163                     | 12 | 68.120     | -27.490        | 1022.8      | 0.9          |
|                         |    |            |                |             |              | 164                     | 13 | 68.121     | -27.784        | 1027.0      | 1.2          |
|                         |    |            |                |             |              | 165                     | 14 | 68.135     | -27.844        | 1026.2      | 5.4          |
|                         |    |            |                |             |              | 166                     | 15 | 68.147     | -27.903        | 1025.1      | 8.0          |
|                         |    |            |                |             |              | 167                     | 16 | 68.151     | -27.940        | 1017.7      | 1.9          |
|                         |    |            |                |             |              | 168                     | 17 | 68.134     | -28.169        | 1009.9      | 1.6          |
|                         |    |            |                |             |              | 169                     | 18 | 68.121     | -28.427        | 1001.8      | 3.7          |
|                         |    |            |                |             |              | 170                     | 19 | 68.115     | -28.480        | 1005.5      | 7.0          |
|                         |    |            |                |             |              | 171                     | 20 | 68.129     | -28.420        | 1012.4      | 5.4          |
|                         |    |            |                |             |              | 172                     | 21 | 68.149     | -28.349        | 1012.5      | 3.4          |
|                         |    |            |                |             |              | 173                     | 22 | 68.125     | -27.874        | 1007.8      | 2.6          |
|                         |    |            |                |             |              | 174                     | 23 | 68.102     | -27.612        | 1007.4      | 2.6          |
|                         |    |            |                |             |              | 175                     | 24 | 68.050     | -27.397        | 1008.0      | 4.9          |
|                         |    |            |                |             |              | 176                     | 25 | 68.005     | -27.442        | 1009.3      | 2.2          |
|                         |    |            |                |             |              | 177                     | 26 | 67.988     | -27.611        | 1007.1      | 1.1          |
|                         |    |            |                |             |              | 178                     | 27 | 68.060     | -27.792        | 1005.5      | 1.3          |
|                         |    |            |                |             |              | 179                     | 28 | 68.129     | -28.134        | 1022.3      | 3.0          |
|                         |    |            |                |             |              | 180                     | 29 | 68.187     | -28.029        | 1017.0      | 2.6          |
|                         |    |            |                |             |              | 181                     | 30 | 68.158     | -27.839        | 1015.9      | 1.8          |

| BUOY( 2419)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 68.176     | -27.910        | 1017.4      | 0.7          |
| 183                     | 2  | 68.232     | -28.267        | 1021.0      | 2.4          |
| 184                     | 3  | 68.231     | -28.526        | 1024.7      | 2.6          |
| 185                     | 4  | 68.225     | -28.848        | 1027.3      | 3.5          |
| 186                     | 5  | 68.197     | -29.065        | 1024.3      | 2.9          |
| 187                     | 6  | 68.168     | -29.218        | 1020.2      | 4.5          |
| 188                     | 7  | 68.182     | -29.397        | 1020.5      | 5.2          |
| 189                     | 8  | 68.141     | -29.647        | 1016.9      | 4.7          |
| 190                     | 9  | 68.038     | -30.290        | 1017.2      | 2.6          |
| 191                     | 10 | 68.078     | -30.854        | 1014.8      | 1.4          |
| 192                     | 11 | 68.095     | -30.889        | 1012.5      | 2.2          |
| 193                     | 12 | 68.075     | -30.859        | 1011.4      | 2.4          |
| 194                     | 13 | 67.987     | -31.040        | 1012.6      | 2.2          |
| 195                     | 14 | 67.948     | -31.718        | 1011.4      | 2.3          |
| 196                     | 15 | 67.925     | -31.792        | 1011.8      | -0.3         |
| 197                     | 16 | 67.876     | -31.908        | 1019.8      | 0.2          |
| 198                     | 17 | 67.684     | -31.898        | 1021.2      | 0.8          |
| 199                     | 18 | 67.470     | -32.086        | 1022.1      | 1.4          |
| 200                     | 19 | 67.405     | -32.394        | 1024.8      | 3.2          |

# BUOY 3311

| BUOY( 3311)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3311)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 141                     | 21 | 85.660     | -31.651        | 1016.1      | -8.7         | 152                     | 1  | 85.553     | -31.077        | 1014.5      | -4.9         |
| 142                     | 22 | 85.658     | -31.683        | 1013.3      | -10.5        | 153                     | 2  | 85.547     | -31.221        | 1015.9      | -5.2         |
| 143                     | 23 | 85.691     | -32.603        | 1003.2      | -8.9         | 154                     | 3  | 85.537     | -31.451        | 1020.1      | -4.3         |
| 144                     | 24 | 85.648     | -32.918        | 1013.4      | -8.8         | 155                     | 4  | 85.530     | -31.498        | 1021.2      | -3.9         |
| 145                     | 25 | 85.607     | -32.136        | 1015.0      | -7.9         | 156                     | 5  | 85.542     | -32.231        | 1015.5      | -4.0         |
| 146                     | 26 | 85.595     | -31.879        | 1016.5      | -6.1         | 157                     | 6  | 85.525     | -32.502        | 1017.7      | -3.7         |
| 147                     | 27 | 85.560     | -31.423        | 1019.3      | -5.6         | 158                     | 7  | 85.517     | -32.470        | 1020.9      | -4.5         |
| 148                     | 28 | 85.549     | -31.282        | 1021.7      | -6.5         | 159                     | 8  | 85.517     | -32.479        | 1019.7      | -6.8         |
| 149                     | 29 | 85.548     | -31.269        | 1018.4      | -3.9         | 160                     | 9  | 85.516     | -32.466        | 1017.7      | -5.9         |
| 150                     | 30 | 85.549     | -31.273        | 1014.5      | -3.7         | 161                     | 10 | 85.488     | -32.104        | 1018.9      | -4.1         |
| 151                     | 31 | 85.555     | -31.209        | 1009.6      | -4.8         | 162                     | 11 | 85.446     | -32.188        | 1022.3      | -2.3         |
|                         |    |            |                |             |              | 163                     | 12 | 85.436     | -32.124        | 1022.3      | -5.0         |
|                         |    |            |                |             |              | 164                     | 13 | 85.422     | -31.902        | 1020.8      | -2.8         |
|                         |    |            |                |             |              | 165                     | 14 | 85.407     | -31.775        | 1023.2      | 1.4          |
|                         |    |            |                |             |              | 166                     | 15 | 85.406     | -31.778        | 1021.2      | 0.6          |
|                         |    |            |                |             |              | 167                     | 16 | 85.402     | -31.827        | 1018.0      | -0.2         |
|                         |    |            |                |             |              | 168                     | 17 | 85.401     | -31.848        | 1010.7      | -0.8         |
|                         |    |            |                |             |              | 169                     | 18 | 85.386     | -31.535        | 996.1       | -1.5         |
|                         |    |            |                |             |              | 170                     | 19 | 85.373     | -30.449        | 1001.6      | -0.2         |
|                         |    |            |                |             |              | 171                     | 20 | 85.400     | -30.372        | 1005.8      | 0.0          |
|                         |    |            |                |             |              | 172                     | 21 | 85.418     | -30.385        | 1003.7      | 0.2          |
|                         |    |            |                |             |              | 173                     | 22 | 85.485     | -30.692        |             | 0.3*         |
|                         |    |            |                |             |              | 174                     | 23 | 85.527     | -31.251        | 1005.7      | 0.2          |
|                         |    |            |                |             |              | 177                     | 26 | 85.464     | -29.850        | 1010.2      | -0.4         |
|                         |    |            |                |             |              | 178                     | 27 | 85.439     | -29.255        | 1011.4      | 0.7*         |
|                         |    |            |                |             |              | 179                     | 28 | 85.429     | -29.330        | 1004.8      | 2.1          |
|                         |    |            |                |             |              | 180                     | 29 | 85.387     | -29.373        | 1012.8      | 0.2          |
|                         |    |            |                |             |              | 181                     | 30 | 85.358     | -28.878        | 1013.3      | 0.6          |

| BUOY( 3311)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3311)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 85.286     | -28.230        | 1013.7      | 0.4          | 213                     | 1  | 85.040     | -24.304        | 992.6       | 0.2          |
| 184                     | 3  | 85.198     | -27.709        | 1025.9      | 0.7          | 214                     | 2  | 84.952     | -22.524        | 996.7       | -0.1         |
| 185                     | 4  | 85.194     | -27.634        | 1024.7      | 3.1          | 215                     | 3  | 84.863     | -20.831        | 1000.8      | 0.2          |
| 186                     | 5  | 85.184     | -27.485        | 1022.5      | 2.5          | 216                     | 4  | 84.771     | -19.484        | 1006.8      | 0.8          |
| 187                     | 6  | 85.162     | -27.197        | 1019.5      | 1.1          | 217                     | 5  | 84.731     | -18.887        | 1008.2      | 0.5          |
| 188                     | 7  | 85.143     | -26.916        | 1020.2      | 2.0          | 218                     | 6  | 84.694     | -18.188        | 1010.6      | 1.5          |
| 189                     | 8  | 85.139     | -26.748        | 1017.9      | 0.8          | 219                     | 7  | 84.668     | -18.039        | 1007.6      | 0.6          |
| 190                     | 9  | 85.134     | -26.700        | 1019.5      | 1.3          | 222                     | 10 | 84.683     | -17.281        | 1010.6      | 0.3          |
| 191                     | 10 | 85.134     | -26.718        | 1018.5      | 2.2          | 223                     | 11 | 84.685     | -17.250        | 1005.9      | 1.1          |
| 192                     | 11 | 85.138     | -26.930        | 1018.3      | 4.3          | 224                     | 12 | 84.678     | -17.174        | 1008.1      | 0.4          |
| 193                     | 12 | 85.133     | -26.816        | 1017.9      | 5.1          | 225                     | 13 | 84.740     | -17.130        | 1000.9      | -0.5         |
| 194                     | 13 | 85.144     | -26.962        | 1016.3      | 1.5          | 226                     | 14 | 84.838     | -16.790        | 1001.0      | -1.2         |
| 195                     | 14 | 85.213     | -27.560        | 1012.1      | -0.3         | 227                     | 15 | 84.891     | -16.587        | 1001.5      | -0.6         |
| 196                     | 15 | 85.238     | -28.041        | 1004.4      | 1.3          | 228                     | 16 | 84.877     | -16.303        | 1002.6      | -0.5         |
| 197                     | 16 | 85.193     | -27.619        | 1002.4      | 1.1          | 229                     | 17 | 84.957     | -16.057        | 995.3       | 1.1          |
| 198                     | 17 | 85.160     | -27.063        | 1008.1      | 5.5*         | 230                     | 18 | 85.033     | -15.464        | 1007.0      | -0.2         |
| 199                     | 18 | 85.146     | -26.885        | 1014.2      | 4.0          | 231                     | 19 | 85.016     | -15.428        | 1010.4      | -0.6         |
| 200                     | 19 | 85.124     | -26.478        | 1013.2      | 4.0          | 232                     | 20 | 85.021     | -15.526        | 1005.7      | -0.5         |
| 201                     | 20 | 85.124     | -26.477        | 1004.0      | 2.9          | 233                     | 21 | 85.073     | -15.571        | 1000.9      | -1.4*        |
| 202                     | 21 | 85.119     | -26.238        | 1005.3      | 6.1          | 234                     | 22 | 85.041     | -15.847        | 1009.8      | -2.8         |
| 203                     | 22 | 85.111     | -26.282        | 1002.3      | 3.4          | 235                     | 23 | 84.976     | -16.055        | 1016.5      | -1.6         |
| 204                     | 23 | 85.094     | -26.250        | 1003.0      | 6.2          | 236                     | 24 | 84.903     | -16.180        | 1025.9      | -2.9         |
| 205                     | 24 | 85.081     | -26.149        | 1006.8      | 2.6          | 237                     | 25 | 84.861     | -16.110        | 1027.0      | -0.2         |
| 206                     | 25 | 85.085     | -26.150        | 1008.2      | -0.7         | 238                     | 26 | 84.841     | -16.080        | 1025.2      | -3.8         |
| 207                     | 26 | 85.093     | -26.120        | 1005.0      | -1.3         | 239                     | 27 | 84.892     | -15.777        | 1015.2      | -2.1         |
| 208                     | 27 | 85.115     | -26.203        | 1004.0      | 1.7          | 240                     | 28 | 84.812     | -15.873        | 1022.6      | -3.3         |
| 209                     | 28 | 85.098     | -25.913        | 1007.6      | 1.1          | 241                     | 29 | 84.682     | -15.507        | 1021.8      | -2.8         |
| 210                     | 29 | 85.087     | -25.738        | 1000.0      | 0.9          | 242                     | 30 | 84.575     | -15.154        | 1017.5      | -2.1         |
| 211                     | 30 | 85.115     | -25.830        | 993.5       | 0.6          | 243                     | 31 | 84.497     | -14.683        | 1008.0      | -2.1         |
| 212                     | 31 | 85.091     | -25.341        | 991.0       | 1.9          |                         |    |            |                |             |              |



# BUOY 3311

| BUOY( 3311)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 84.441     | -14.208        | 998.6       | -0.9         |
| 245                     | 2  | 84.388     | -13.633        | 998.2       | -3.7         |
| 246                     | 3  | 84.373     | -13.682        | 1001.1      | -3.8         |
| 252                     | 9  | 84.186     | -13.337        | 1013.2      | -3.7         |
| 253                     | 10 | 84.169     | -13.618        | 1014.0      | -3.0         |
| 254                     | 11 | 84.140     | -13.716        | 1006.4      | -5.0         |

# BUOY 3335

| BUOY( 3335)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3335)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 95                      | 5  | 81.792     | 17.654         | 1028.7      | -23.5        | 121                     | 1  | 81.076     | 16.140         | 1017.2      | -11.7        |
| 96                      | 6  | 81.820     | 17.768         | 1016.9      | -25.4        | 122                     | 2  | 81.042     | 15.800         | 1020.8      | -11.9        |
| 97                      | 7  | 81.872     | 17.531         | 1002.9      | -16.5        | 123                     | 3  | 81.008     | 15.598         | 1019.3      | -12.4        |
| 98                      | 8  | 81.926     | 17.267         | 981.5       | -12.0        | 124                     | 4  | 81.004     | 15.394         | 1017.1      | -10.7        |
| 99                      | 9  | 81.829     | 17.628         | 1008.7      | -18.8        | 125                     | 5  | 81.075     | 15.301         | 1019.9      | -8.4         |
| 100                     | 10 | 81.788     | 17.542         | 1018.5      | -20.9        | 126                     | 6  | 81.119     | 15.149         | 1014.0      | -8.0         |
| 101                     | 11 | 81.769     | 17.517         | 1029.4      | -14.6        | 127                     | 7  | 81.159     | 15.049         | 1010.8      | -8.1         |
| 102                     | 12 | 81.816     | 17.942         | 1023.9      | -7.3         | 128                     | 8  | 81.162     | 14.864         | 1012.8      | -6.8         |
| 103                     | 13 | 81.825     | 17.975         | 1016.0      | -7.5         | 129                     | 9  | 81.097     | 14.684         | 1008.9      | -8.1         |
| 104                     | 14 | 81.829     | 18.136         | 1010.4      | -5.8         | 130                     | 10 | 81.009     | 14.638         | 1007.5      | -7.8         |
| 105                     | 15 | 81.765     | 18.585         | 1016.9      | -12.7        | 131                     | 11 | 80.932     | 14.680         | 1014.1      | -7.7         |
| 106                     | 16 | 81.741     | 18.689         | 1014.9      | -12.4        | 132                     | 12 | 80.912     | 14.722         | 1017.9      | -8.0         |
| 107                     | 17 | 81.713     | 18.474         | 1018.8      | -13.1        | 133                     | 13 | 80.946     | 14.818         | 1008.5      | -4.5         |
| 108                     | 18 | 81.736     | 18.426         | 997.5       | -8.2         | 134                     | 14 | 80.933     | 14.768         | 1004.1      | -4.0         |
| 109                     | 19 | 81.648     | 18.851         | 998.2       | -14.9        | 135                     | 15 | 80.834     | 14.509         | 1006.7      | -7.1         |
| 110                     | 20 | 81.552     | 18.594         | 1010.3      | -18.6        | 136                     | 16 | 80.765     | 14.660         | 1018.8      | -7.3         |
| 111                     | 21 | 81.446     | 18.666         | 1024.2      | -21.3        | 137                     | 17 | 80.803     | 14.662         | 1020.4      | -6.4         |
| 112                     | 22 | 81.373     | 18.631         | 1032.4      | -20.5        | 138                     | 18 | 80.816     | 15.274         | 1024.0      | -4.8         |
| 113                     | 23 | 81.332     | 18.587         | 1036.2      | -19.2        | 139                     | 19 | 80.809     | 15.258         | 1024.4      | -5.0         |
| 114                     | 24 | 81.320     | 18.446         | 1037.8      | -17.6        | 140                     | 20 | 80.814     | 14.847         | 1016.2      | -4.8         |
| 115                     | 25 | 81.299     | 18.221         | 1037.0      | -16.6        | 141                     | 21 | 80.776     | 14.696         | 1013.7      | -5.0         |
| 116                     | 26 | 81.269     | 18.000         | 1034.9      | -17.2        | 142                     | 22 | 80.745     | 14.671         | 1016.7      | -6.1         |
| 117                     | 27 | 81.246     | 17.629         | 1030.8      | -14.1        | 143                     | 23 | 80.753     | 14.650         | 1007.0      | -6.3         |
| 118                     | 28 | 81.232     | 17.012         | 1031.3      | -11.4        | 144                     | 24 | 80.710     | 14.855         | 1012.1      | -4.8         |
| 119                     | 29 | 81.191     | 16.577         | 1024.0      | -12.5        | 145                     | 25 | 80.660     | 14.891         | 1018.7      | -5.0         |
| 120                     | 30 | 81.125     | 16.411         | 1016.0      | -14.0        | 146                     | 26 | 80.643     | 14.907         | 1015.7      | -4.7         |
|                         |    |            |                |             |              | 147                     | 27 | 80.610     | 14.792         | 1016.6      | -4.6         |
|                         |    |            |                |             |              | 148                     | 28 | 80.562     | 14.639         | 1018.6      | -4.1         |
|                         |    |            |                |             |              | 149                     | 29 | 80.538     | 14.546         | 1017.1      | -2.2         |
|                         |    |            |                |             |              | 150                     | 30 | 80.531     | 14.517         | 1017.0      | -1.2         |
|                         |    |            |                |             |              | 151                     | 31 | 80.526     | 14.533         | 1017.7      | -1.9         |

| BUOY( 3335)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3335)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 80.530     | 14.615         | 1020.7      | -1.8         | 182                     | 1  | 80.108     | 13.362         | 1010.2      | 0.5          |
| 153                     | 2  | 80.535     | 14.730         | 1021.3      | -1.9         | 183                     | 2  | 80.049     | 13.348         | 1012.0      | 0.3          |
| 154                     | 3  | 80.533     | 14.779         | 1022.7      | -1.7         | 184                     | 3  | 80.007     | 13.147         | 1018.6      | 0.4          |
| 155                     | 4  | 80.538     | 14.822         | 1022.0      | -0.2         | 185                     | 4  | 80.002     | 12.931         | 1017.8      | 0.8          |
| 156                     | 5  | 80.538     | 14.776         | 1018.5      | -0.1         | 186                     | 5  | 79.982     | 12.967         | 1017.4      | 0.6          |
| 157                     | 6  | 80.567     | 14.597         | 1013.1      | -1.3         | 187                     | 6  | 79.973     | 13.190         | 1017.7      | 1.1          |
| 158                     | 7  | 80.552     | 14.150         | 1014.0      | -1.7         | 188                     | 7  | 79.971     | 13.294         | 1018.2      | 0.8          |
| 159                     | 8  | 80.543     | 13.748         | 1018.4      | -1.2         | 189                     | 8  | 79.985     | 13.120         | 1019.7      | 0.5          |
| 160                     | 9  | 80.502     | 13.672         | 1014.8      | -1.4         | 190                     | 9  | 79.977     | 13.103         | 1022.1      | 0.6          |
| 161                     | 10 | 80.459     | 13.662         | 1015.3      | -2.1         | 191                     | 10 | 79.973     | 13.048         | 1014.5      | 0.7          |
| 162                     | 11 | 80.382     | 13.521         | 1015.5      | -2.0         | 192                     | 11 | 79.983     | 13.082         | 1014.0      | 0.5          |
| 163                     | 12 | 80.323     | 13.411         | 1016.9      | -0.8         | 193                     | 12 | 79.941     | 13.349         | 1020.0      | 0.4          |
| 164                     | 13 | 80.250     | 13.225         | 1013.5      | -0.7         | 194                     | 13 | 79.952     | 13.177         | 1021.4      | 0.6          |
| 165                     | 14 | 80.194     | 12.880         | 1014.6      | -0.5         | 195                     | 14 | 79.970     | 13.167         | 1018.8      | 0.8          |
| 166                     | 15 | 80.145     | 12.530         | 1013.9      | 0.1          | 196                     | 15 | 80.028     | 13.219         | 1003.0      | 0.4          |
| 167                     | 16 | 80.099     | 12.288         | 1012.7      | 0.3          | 197                     | 16 | 79.984     | 13.287         | 1008.0      | 0.3          |
| 168                     | 17 | 80.068     | 12.265         | 1007.5      | 0.2          | 198                     | 17 | 79.917     | 13.581         | 1013.7      | 0.8          |
| 169                     | 18 | 80.070     | 12.426         | 1007.6      | 0.1          | 199                     | 18 | 79.966     | 13.459         | 1013.8      | 0.6          |
| 170                     | 19 | 80.079     | 12.568         | 1011.8      | 0.5          | 200                     | 19 | 80.014     | 12.842         | 1011.9      | 0.6          |
| 171                     | 20 | 80.097     | 12.612         | 1008.2      | 0.6          | 201                     | 20 | 80.015     | 12.433         | 1006.8      | 0.4          |
| 172                     | 21 | 80.105     | 12.703         | 1008.7      | 0.7          | 202                     | 21 | 79.875     | 12.923         | 1012.4      | 0.9          |
| 173                     | 22 | 80.113     | 12.833         | 1011.3      | 1.1          | 203                     | 22 | 79.885     | 13.731         | 1010.0      | 0.9          |
| 174                     | 23 | 80.116     | 12.858         | 1012.3      | 1.1          | 204                     | 23 | 79.866     | 14.420         | 1009.4      | 0.9          |
| 175                     | 24 | 80.126     | 13.083         | 1009.9      | 0.7          | 205                     | 24 | 79.850     | 14.600         | 1011.3      | 0.5          |
| 176                     | 25 | 80.113     | 13.082         | 1012.7      | 0.5          | 206                     | 25 | 79.800     | 14.304         | 1014.7      | 0.2          |
| 177                     | 26 | 80.107     | 13.236         | 1014.8      | 0.5          | 207                     | 26 | 79.780     | 13.985         | 1018.7      | 0.1          |
| 178                     | 27 | 80.098     | 13.218         | 1021.0      | 0.6          | 208                     | 27 | 79.824     | 14.270         | 1016.9      | 0.0          |
| 179                     | 28 | 80.106     | 13.306         | 1013.2      | 0.8          | 209                     | 28 | 79.906     | 14.258         | 1014.3      | -0.1         |
| 180                     | 29 | 80.126     | 13.632         | 1012.0      | 0.6          | 210                     | 29 | 79.904     | 14.323         | 1004.9      | -0.5         |
| 181                     | 30 | 80.124     | 13.499         | 1010.1      | 0.6          | 211                     | 30 | 79.876     | 15.016         | 1006.9      | -0.4         |

# BUOY 3335

| BUOY( 3335)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 222                     | 10 | 80.677     | 16.330         | 1023.8      |              |
| 223                     | 11 | 80.832     | 16.695         | 1020.5      |              |
| 224                     | 12 | 80.931     | 16.959         | 1022.2      |              |
| 225                     | 13 | 80.941     | 16.532         | 1022.4      |              |
| 226                     | 14 | 80.934     | 16.476         | 1019.0      |              |
| 227                     | 15 | 80.911     | 16.686         | 1017.4      |              |
| 228                     | 16 | 80.907     | 17.247         | 1019.5      |              |
| 229                     | 17 | 80.937     | 18.028         | 1019.7      |              |
| 230                     | 18 | 80.973     | 18.483         | 1021.0      |              |
| 231                     | 19 | 80.966     | 18.561         | 1020.4      |              |
| 232                     | 20 | 80.944     | 18.576         | 1018.4      |              |
| 233                     | 21 | 80.962     | 18.491         | 1015.7      |              |
| 234                     | 22 | 80.930     | 18.421         | 1017.4      |              |
| 235                     | 23 | 80.881     | 18.162         | 1019.6      |              |
| 236                     | 24 | 80.875     | 18.022         | 1018.8      |              |
| 237                     | 25 | 80.919     | 17.502         | 1027.9      |              |
| 238                     | 26 | 80.991     | 16.839         | 1034.3      |              |
| 239                     | 27 | 81.081     | 16.374         | 1031.0      |              |
| 240                     | 28 | 81.047     | 17.148         | 1023.7      |              |
| 241                     | 29 | 81.007     | 17.270         | 1006.3      |              |

# BUOY 3690

| BUOY( 3690)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3690)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 232                     | 20 | 77.048     | -169.980       | 1020.2      | -0.3*        | 244                     | 1  | 76.869     | -166.376       | 1020.6      | -2.7         |
| 233                     | 21 | 77.095     | -169.853       | 1015.5      | -0.7         | 247                     | 4  | 76.883     | -165.350       | 1004.1      | -2.8         |
| 234                     | 22 | 77.091     | -169.460       | 1010.6      | -1.2         | 248                     | 5  | 76.890     | -164.687       |             | -2.4*        |
| 235                     | 23 | 77.038     | -169.105       | 1004.4      | -2.4         | 249                     | 6  | 77.051     | -164.311       | 992.5       | -1.0*        |
| 236                     | 24 | 76.951     | -169.301       | 1002.3      | -3.0         | 250                     | 7  | 77.072     | -164.048       | 986.3       | -1.3         |
| 237                     | 25 | 76.811     | -169.152       | 995.5       | -2.0         | 251                     | 8  | 77.043     | -163.717       | 988.6       | -3.2         |
| 238                     | 26 | 76.646     | -168.778       | 1004.7      | -1.9         | 252                     | 9  | 77.033     | -163.775       | 980.5       | -2.8*        |
| 239                     | 27 | 76.700     | -168.171       | 1005.9      | -0.5         | 253                     | 10 | 77.119     | -164.075       | 981.2       | -2.4         |
| 240                     | 28 | 76.771     | -167.599       | 1015.6      | -0.9         | 254                     | 11 | 77.085     | -164.602       | 994.3       | -1.4         |
| 241                     | 29 | 76.866     | -167.359       | 1017.8      | 0.0          | 255                     | 12 | 77.002     | -165.032       | 1013.7      | -2.2         |
| 242                     | 30 | 76.911     | -167.092       | 1017.3      | -0.2         | 257                     | 14 | 76.875     | -164.752       | 1023.1      | -3.0         |
| 243                     | 31 | 76.903     | -166.873       | 1020.2      | -3.0         | 258                     | 15 | 76.886     | -164.587       | 1018.8      | -1.5         |
|                         |    |            |                |             |              | 259                     | 16 | 76.847     | -164.829       | 1034.0      | -2.4         |
|                         |    |            |                |             |              | 260                     | 17 | 77.013     | -164.059       | 1019.4      | -1.1         |
|                         |    |            |                |             |              | 261                     | 18 | 76.972     | -163.654       | 1014.6      | -0.9         |
|                         |    |            |                |             |              | 262                     | 19 | 76.887     | -163.365       | 1017.0      | -1.3         |
|                         |    |            |                |             |              | 263                     | 20 | 76.861     | -163.081       | 1020.3      | -1.1         |
|                         |    |            |                |             |              | 264                     | 21 | 76.877     | -162.523       | 1024.3      | -1.2         |
|                         |    |            |                |             |              | 265                     | 22 | 76.948     | -162.070       |             | -1.4*        |
|                         |    |            |                |             |              | 266                     | 23 | 77.032     | -161.653       | 1020.5      | -1.2         |
|                         |    |            |                |             |              | 267                     | 24 | 77.011     | -161.667       | 1017.6      | -1.4         |
|                         |    |            |                |             |              | 268                     | 25 | 76.965     | -161.218       | 1007.5      | -1.5*        |
|                         |    |            |                |             |              | 269                     | 26 | 76.900     | -160.811       | 998.9       | -1.8*        |
|                         |    |            |                |             |              | 270                     | 27 | 76.807     | -160.460       | 1012.1      | -1.5         |
|                         |    |            |                |             |              | 271                     | 28 | 76.748     | -159.764       | 1021.1      | -1.0         |
|                         |    |            |                |             |              | 272                     | 29 | 76.763     | -159.605       | 1015.1      | -1.4*        |
|                         |    |            |                |             |              | 273                     | 30 | 76.818     | -159.671       | 1007.7      | -1.1         |

| BUOY( 3690)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3690)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 76.822     | -159.587       | 1012.5      | -0.9         | 305                     | 1  | 77.541     | -161.102       | 1031.9      | -7.5         |
| 275                     | 2  | 76.784     | -159.881       | 1006.4      | -1.4         | 306                     | 2  | 77.556     | -161.021       | 1031.4      | -7.2         |
| 276                     | 3  | 76.747     | -160.214       | 998.7       | -1.7*        | 307                     | 3  | 77.669     | -161.161       | 1024.0      | -6.0         |
| 277                     | 4  | 76.612     | -160.168       | 1003.6      | -2.7         | 308                     | 4  | 77.744     | -161.349       | 1016.6      | -6.2         |
| 278                     | 5  | 76.597     | -159.769       | 1013.7      | -2.1         | 309                     | 5  | 77.892     | -161.153       |             | -2.2*        |
| 280                     | 7  | 76.647     | -159.110       | 1019.8      | -2.3*        | 312                     | 8  | 77.530     | -160.524       | 1015.5      | -11.8        |
| 281                     | 8  | 76.670     | -159.622       | 1009.0      | -2.9         | 313                     | 9  | 77.480     | -160.285       | 1000.4      | -10.7        |
| 282                     | 9  | 76.763     | -160.545       | 1003.9      | -2.6         | 314                     | 10 | 77.443     | -160.617       | 1010.8      | -12.3        |
| 283                     | 10 | 76.881     | -161.113       | 1007.4      | -2.1*        | 315                     | 11 | 77.376     | -160.495       | 1006.4      | -17.2        |
| 284                     | 11 | 77.012     | -161.486       | 1015.6      | -2.5         | 318                     | 14 | 77.057     | -160.981       | 1011.7      | -13.6        |
| 285                     | 12 | 77.082     | -161.824       | 1017.5      | -3.4         | 320                     | 16 | 77.041     | -161.132       | 1009.0      | -12.9        |
| 286                     | 13 | 77.176     | -162.314       | 1018.1      | -4.1         | 321                     | 17 | 76.993     | -161.330       | 1001.2      | -11.4        |
| 288                     | 15 | 77.344     | -163.504       | 1024.5      | -2.9         | 322                     | 18 | 77.029     | -161.569       | 1013.0      | -13.6        |
| 289                     | 16 | 77.411     | -164.023       | 1033.1      | -4.2         | 323                     | 19 | 77.059     | -162.101       | 1007.9      | -13.3        |
| 290                     | 17 | 77.379     | -164.435       | 1024.2      | -5.1         | 324                     | 20 | 77.097     | -162.253       | 1015.2      | -13.7        |
| 292                     | 19 | 77.368     | -164.601       | 1013.6      | -5.3         | 325                     | 21 | 77.135     | -162.188       | 1008.6      | -15.0        |
| 294                     | 21 | 77.464     | -164.451       | 1024.6      | -7.4         | 327                     | 23 | 77.071     | -161.644       | 1002.1      | -15.9        |
| 295                     | 22 | 77.499     | -164.536       | 1025.4      | -6.8         | 331                     | 27 | 77.132     | -161.430       | 999.6       | -19.9        |
| 296                     | 23 | 77.563     | -164.572       | 1025.4      | -6.0         | 332                     | 28 | 77.100     | -161.602       | 987.8       | -20.1*       |
| 298                     | 25 | 77.587     | -164.470       | 1024.4      | -5.2*        | 333                     | 29 | 77.079     | -162.027       | 985.6       | -16.6        |
| 299                     | 26 | 77.639     | -164.340       | 1013.5      | -5.7         | 334                     | 30 | 77.096     | -162.109       | 1005.1      | -19.0        |
| 300                     | 27 | 77.853     | -163.855       | 987.9       | -5.2         |                         |    |            |                |             |              |
| 302                     | 29 | 77.462     | -162.504       | 1027.9      | -8.7         |                         |    |            |                |             |              |

# BUOY 3690

| BUOY( 3690)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 77.085     | -162.048       | 1004.9      | -19.5        |
| 336                     | 2  | 77.103     | -161.697       |             | -16.8*       |
| 337                     | 3  | 77.105     | -161.050       | 1003.5      | -15.8        |
| 338                     | 4  | 77.084     | -160.532       | 1015.5      | -17.1        |
| 339                     | 5  | 77.090     | -160.169       | 1019.3      | -18.1        |
| 340                     | 6  | 77.125     | -160.030       | 1019.2      | -19.0        |
| 341                     | 7  | 77.188     | -160.015       | 1014.4      | -15.9        |
| 342                     | 8  | 77.315     | -160.001       | 1011.2      | -14.0        |
| 343                     | 9  | 77.322     | -159.877       | 1018.8      | -15.7        |
| 346                     | 12 | 77.388     | -160.084       | 1020.2      | -17.7        |
| 347                     | 13 | 77.469     | -160.395       | 1018.9      | -17.6        |
| 348                     | 14 | 77.546     | -160.804       | 1018.8      | -17.3        |
| 349                     | 15 | 77.579     | -161.088       | 1021.3      | -18.1        |
| 350                     | 16 | 77.572     | -161.326       | 1023.1      | -18.3        |
| 351                     | 17 | 77.549     | -161.542       | 1024.5      | -18.6*       |
| 352                     | 18 | 77.553     | -161.732       | 1028.1      | -19.3*       |
| 353                     | 19 | 77.583     | -162.028       | 1026.5      | -19.5        |
| 354                     | 20 | 77.625     | -162.539       | 1015.0      | -18.9        |
| 355                     | 21 | 77.650     | -163.063       | 1011.4      | -19.2        |
| 356                     | 22 | 77.612     | -163.248       | 1002.5      | -19.4        |
| 357                     | 23 | 77.590     | -163.394       | 1006.2      | -18.3        |
| 358                     | 24 | 77.523     | -163.581       | 1010.0      | -16.9        |
| 359                     | 25 | 77.512     | -164.044       | 1022.0      | -18.1        |
| 360                     | 26 | 77.542     | -164.297       | 1032.0      | -18.7        |
| 361                     | 27 | 77.594     | -164.397       | 1039.5      | -16.0        |
| 362                     | 28 | 77.683     | -164.710       | 1035.3      | -16.5        |
| 363                     | 29 | 77.829     | -165.106       | 1028.1      | -15.9        |
| 364                     | 30 | 77.973     | -165.926       | 1012.6      | -14.9        |
| 365                     | 31 | 78.181     | -166.703       | 1010.8      | -13.7        |

# BUOY 3693

| BUOY( 3693)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3693)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 101                     | 11 | 79.826     | -152.120       | 977.3       | -15.2        | 121                     | 1  | 80.429     | -154.432       | 996.0       | -9.4         |
| 102                     | 12 | 79.826     | -152.120       | 976.7       | -15.5        | 122                     | 2  | 80.461     | -154.175       | 997.1       | -9.2         |
| 103                     | 13 | 79.826     | -152.120       | 976.8       | -15.4        | 123                     | 3  | 80.489     | -154.030       | 997.9       | -8.9         |
| 104                     | 14 | 79.887     | -152.283       | 977.5       | -15.1        | 124                     | 4  | 80.547     | -153.583       | 998.8       | -8.7         |
| 107                     | 17 | 80.013     | -152.750       | 982.7       | -13.4        | 125                     | 5  | 80.506     | -153.480       | 999.8       | -8.4         |
| 108                     | 18 | 80.015     | -152.558       | 983.6       | -13.1        | 128                     | 8  | 80.241     | -153.790       | 1001.6      | -7.9         |
| 109                     | 19 | 80.029     | -152.490       | 984.2       | -12.9        | 129                     | 9  | 80.148     | -153.830       | 1002.0      | -7.8         |
| 110                     | 20 | 80.032     | -152.500       | 984.8       | -12.8        | 130                     | 10 | 80.120     | -153.780       | 1002.2      | -7.7         |
| 111                     | 21 | 80.037     | -152.620       | 985.3       | -12.6        | 131                     | 11 | 80.172     | -153.270       | 1002.2      | -7.7         |
| 112                     | 22 | 80.037     | -152.620       | 984.6       | -12.4        | 134                     | 14 | 80.364     | -151.470       | 1003.8      | -7.3         |
| 113                     | 23 | 80.072     | -153.200       | 986.7       | -12.2        | 135                     | 15 | 80.416     | -151.330       | 1004.3      | -7.1         |
| 114                     | 24 | 80.071     | -153.182       | 987.5       | -12.0        | 136                     | 16 | 80.470     | -151.315       |             | -7.0*        |
| 115                     | 25 | 80.072     | -153.198       | 988.0       | -11.8        | 137                     | 17 | 80.497     | -151.167       | 1005.4      | -6.9         |
| 119                     | 29 | 80.349     | -154.240       | 993.6       | -10.1        | 138                     | 18 | 80.498     | -151.160       | 1006.1      | -6.7         |
| 120                     | 30 | 80.407     | -154.420       | 995.0       | -9.7         | 139                     | 19 | 80.601     | -151.100       | 1006.5      | -6.6         |
|                         |    |            |                |             |              | 140                     | 20 | 80.647     | -150.985       | 1006.9      | -6.5         |
|                         |    |            |                |             |              | 141                     | 21 | 80.692     | -151.090       | 1007.3      | -6.4         |
|                         |    |            |                |             |              | 142                     | 22 | 80.692     | -151.090       | 1008.0      | -6.2         |
|                         |    |            |                |             |              | 143                     | 23 | 80.692     | -151.090       | 1008.5      | -6.0         |
|                         |    |            |                |             |              | 144                     | 24 | 80.636     | -150.960       | 1009.1      | -5.9*        |
|                         |    |            |                |             |              | 145                     | 25 | 80.652     | -150.710       | 1009.6      | -5.7         |
|                         |    |            |                |             |              | 146                     | 26 | 80.664     | -150.340       | 1009.9      | -5.6         |

| BUOY( 3693)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3693)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 191                     | 10 | 81.494     | -149.419       | 1017.9      | 1.0          | 213                     | 1  | 81.778     | -152.622       |             | -0.1*        |
| 192                     | 11 | 81.572     | -149.198       | 1012.8      | 0.3          | 214                     | 2  | 81.757     | -152.006       | 1000.7      | 0.4          |
| 194                     | 13 | 81.801     | -148.950       | 1012.1      | 0.3          | 215                     | 3  | 81.759     | -151.197       | 1003.1      | -0.1         |
| 195                     | 14 | 81.875     | -149.503       | 1012.8      | 1.4          | 216                     | 4  | 81.747     | -150.774       | 999.1       | -0.6         |
| 196                     | 15 | 81.826     | -149.923       | 1010.7      | 1.0          | 217                     | 5  | 81.744     | -150.545       | 997.1       | -0.9         |
| 197                     | 16 | 81.792     | -149.760       | 998.6       | 0.6          | 218                     | 6  | 81.748     | -150.350       | 1000.0      | -1.2         |
| 198                     | 17 | 81.739     | -149.567       | 999.5       | 0.4          | 219                     | 7  | 81.723     | -150.673       | 1008.0      | -2.2         |
| 199                     | 18 | 81.793     | -149.603       | 1001.9      | 0.1          | 220                     | 8  | 81.649     | -150.649       | 1010.9      | -3.3         |
| 200                     | 19 | 81.803     | -149.780       | 1004.3      | 0.4          | 221                     | 9  | 81.634     | -150.778       | 1001.5      | -2.5         |
| 201                     | 20 | 81.762     | -149.845       | 997.8       | 0.0          | 222                     | 10 | 81.484     | -150.968       | 1005.9      | -1.5         |
| 202                     | 21 | 81.785     | -150.170       | 1007.8      | -0.2         | 223                     | 11 | 81.380     | -151.033       | 1002.0      | -0.8         |
| 203                     | 22 | 81.807     | -150.085       | 1003.5      | 0.5          | 224                     | 12 | 81.324     | -151.386       | 1003.1      | -1.8         |
| 204                     | 23 | 81.822     | -149.908       | 1003.2      | 0.7          | 225                     | 13 | 81.296     | -151.820       | 1008.5      | -4.0         |
| 205                     | 24 | 81.881     | -149.925       | 993.8       | 0.3          | 226                     | 14 | 81.215     | -151.469       | 1006.9      | -1.6         |
| 206                     | 25 | 81.901     | -150.497       | 984.2       | 0.2          | 227                     | 15 | 81.153     | -151.074       | 1005.1      | -0.9         |
| 207                     | 26 | 81.962     | -151.262       | 987.5       | 0.4          | 228                     | 16 | 81.117     | -151.065       | 1002.7      | -4.9         |
| 208                     | 27 | 81.937     | -152.231       | 991.6       | -0.2         | 229                     | 17 | 81.101     | -151.017       | 999.5       | -1.5         |
| 209                     | 28 | 81.941     | -152.621       | 999.3       | 0.2          | 230                     | 18 | 81.083     | -151.312       | 1011.2      | -0.2         |
| 210                     | 29 | 81.959     | -152.711       | 996.2       | -0.2         | 231                     | 19 | 81.058     | -151.280       | 1016.5      | 0.1          |
| 211                     | 30 | 81.927     | -153.231       | 990.9       | 0.3          | 232                     | 20 | 80.996     | -151.230       | 1013.9      | -0.8         |
| 212                     | 31 | 81.814     | -153.287       | 1003.9      | -1.6         | 233                     | 21 | 80.899     | -150.726       | 1004.7      | -1.4         |
|                         |    |            |                |             |              | 234                     | 22 | 80.814     | -150.679       | 1003.3      | -3.3         |
|                         |    |            |                |             |              | 235                     | 23 | 80.818     | -151.166       | 999.2       | -3.1         |
|                         |    |            |                |             |              | 236                     | 24 | 80.868     | -151.671       | 1000.5      | -1.1         |
|                         |    |            |                |             |              | 237                     | 25 | 80.872     | -152.214       | 998.0       | -1.8         |
|                         |    |            |                |             |              | 238                     | 26 | 80.860     | -152.435       | 999.1       | -3.1         |
|                         |    |            |                |             |              | 239                     | 27 | 80.888     | -152.032       | 1003.7      | -2.0*        |
|                         |    |            |                |             |              | 240                     | 28 | 80.965     | -151.453       | 1016.1      | -1.9         |
|                         |    |            |                |             |              | 241                     | 29 | 81.024     | -151.059       | 1021.4      | -2.0         |
|                         |    |            |                |             |              | 242                     | 30 | 81.094     | -150.631       | 1015.0      | -0.9         |
|                         |    |            |                |             |              | 243                     | 31 | 81.080     | -150.156       | 1012.8      | -4.5         |

# BUOY 3693

| BUOY( 3693)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3693)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 81.054     | -149.107       | 1006.2      | -1.3         | 274                     | 1  | 81.064     | -143.083       | 1013.6      | -6.0         |
| 245                     | 2  | 80.965     | -148.001       | 1005.1      | -1.4         | 275                     | 2  | 81.124     | -143.376       | 1017.0      | -10.6        |
| 246                     | 3  | 80.993     | -147.118       | 998.2       | -2.4         | 276                     | 3  | 81.189     | -143.708       | 1018.9      | -15.2        |
| 247                     | 4  | 80.986     | -146.701       | 1000.0      | -5.1*        | 277                     | 4  | 81.340     | -144.915       | 997.4       | -11.5        |
| 248                     | 5  | 80.964     | -146.496       | 1001.2      | -4.9         | 278                     | 5  | 81.398     | -145.200       | 1009.5      | -11.8        |
| 249                     | 6  | 80.989     | -145.970       | 1003.3      | -4.7         | 279                     | 6  | 81.393     | -144.932       | 1015.5      | -12.5        |
| 250                     | 7  | 81.120     | -145.831       | 996.6       | -3.1         | 280                     | 7  | 81.392     | -144.351       | 1016.8      | -10.9        |
| 251                     | 8  | 81.292     | -145.929       | 997.3       | -1.3         | 281                     | 8  | 81.398     | -144.108       | 1020.5      | -13.3        |
| 252                     | 9  | 81.432     | -146.358       | 996.4       | -1.9         | 282                     | 9  | 81.459     | -144.130       | 1022.1      | -15.8        |
| 253                     | 10 | 81.537     | -146.926       | 999.5       | -3.2         | 283                     | 10 | 81.530     | -144.499       | 1023.9      | -16.4        |
| 254                     | 11 | 81.566     | -147.829       | 1002.5      | -4.8         | 284                     | 11 | 81.582     | -145.012       | 1022.8      | -16.5        |
| 256                     | 13 | 81.382     | -148.851       | 1014.7      | -5.8         | 285                     | 12 | 81.607     | -145.170       | 1026.7      | -20.6        |
| 257                     | 14 | 81.267     | -148.699       | 1013.8      | -5.0         | 286                     | 13 | 81.638     | -145.161       | 1030.3      | -21.4        |
| 259                     | 16 | 81.121     | -148.447       | 1031.0      | -6.1         | 287                     | 14 | 81.661     | -145.252       | 1033.0      | -21.7        |
| 260                     | 17 | 81.174     | -147.871       | 1013.0      | -3.3         | 288                     | 15 | 81.668     | -145.375       | 1037.2      | -23.5        |
| 261                     | 18 | 81.172     | -146.906       | 1005.7      | -1.6*        | 289                     | 16 | 81.651     | -145.482       | 1039.6      | -18.9        |
| 262                     | 19 | 81.132     | -146.379       | 1012.1      | -2.7         | 290                     | 17 | 81.594     | -145.991       | 1025.8      | -15.1        |
| 263                     | 20 | 81.133     | -145.876       | 1019.9      | -2.6         | 291                     | 18 | 81.584     | -146.295       | 1017.2      | -16.6        |
| 264                     | 21 | 81.205     | -145.557       | 1019.7      | -2.7         | 292                     | 19 | 81.555     | -146.264       | 1010.2      | -16.0        |
| 265                     | 22 | 81.213     | -145.529       | 1022.8      | -3.1         | 293                     | 20 | 81.597     | -146.021       | 1024.1      | -17.9        |
| 266                     | 23 | 81.250     | -145.537       | 1021.6      | -4.4         | 294                     | 21 | 81.677     | -146.147       | 1023.1      | -15.6        |
| 267                     | 24 | 81.268     | -145.338       | 1010.0      | -4.6         | 295                     | 22 | 81.665     | -146.017       | 1029.1      | -18.2        |
| 268                     | 25 | 81.263     | -144.860       | 999.5       | -5.5         | 296                     | 23 | 81.686     | -146.152       | 1027.7      | -18.3        |
| 269                     | 26 | 81.237     | -144.513       | 984.7       | -6.4         | 297                     | 24 | 81.719     | -146.406       | 1027.1      | -19.2        |
| 270                     | 27 | 81.155     | -144.178       | 995.8       | -2.9         | 298                     | 25 | 81.717     | -146.328       | 1023.5      | -17.2        |
| 271                     | 28 | 81.080     | -143.629       | 1008.4      | -2.6         | 299                     | 26 | 81.724     | -146.088       | 1014.9      | -16.1        |
| 272                     | 29 | 81.047     | -143.168       | 1014.6      | -6.8         | 300                     | 27 | 81.815     | -145.522       | 995.7       | -13.7        |
| 273                     | 30 | 81.060     | -143.013       | 1011.8      | -5.3         | 301                     | 28 | 81.879     | -145.891       | 1001.2      | -15.8        |
|                         |    |            |                |             |              | 302                     | 29 | 81.790     | -146.021       | 1026.4      | -20.6*       |
|                         |    |            |                |             |              | 303                     | 30 | 81.844     | -145.883       | 1014.9      | -16.6*       |
|                         |    |            |                |             |              | 304                     | 31 | 81.965     | -146.505       | 1007.1      | -13.9        |

| BUOY( 3693)<br>2003 Nov |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|
| 305                     | 1 | 81.958     | -146.796       | 1020.1      | -13.2        |
| 306                     | 2 | 81.893     | -146.645       | 1031.8      | -21.9        |
| 307                     | 3 | 81.898     | -146.646       | 1030.6      | -22.5        |
| 308                     | 4 | 81.921     | -146.627       | 1025.3      | -19.9        |
| 309                     | 5 | 82.068     | -146.945       | 1001.6      | -15.4        |

# BUOY 3981

| BUOY( 3981)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3981)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 233                     | 21 | 79.952     | -163.957       |             | -0.8*        | 246                     | 3  | 80.286     | -158.892       | 995.2       | -3.3         |
| 234                     | 22 | 79.907     | -163.497       | 1002.9      | -0.7         | 247                     | 4  | 80.278     | -158.416       | 1000.0      | -3.7         |
| 235                     | 23 | 79.883     | -163.674       | 1003.6      | -3.6         | 248                     | 5  | 80.302     | -158.052       | 999.7       | -2.8         |
| 236                     | 24 | 79.865     | -163.821       | 1001.2      | -3.6         | 251                     | 8  | 80.651     | -157.560       | 993.9       | -3.7         |
| 241                     | 29 | 80.105     | -162.529       | 1017.8      | -0.8         | 252                     | 9  | 80.760     | -158.064       | 991.1       | -1.1         |
| 242                     | 30 | 80.193     | -162.059       | 1014.2      | -2.2         | 253                     | 10 | 80.865     | -158.684       | 996.4       | -1.8         |
| 243                     | 31 | 80.220     | -161.686       | 1013.4      | -3.9         | 254                     | 11 | 80.919     | -159.614       | 1002.7      | -3.3         |
|                         |    |            |                |             |              | 255                     | 12 | 80.885     | -160.361       | 1014.9      | -4.4         |
|                         |    |            |                |             |              | 256                     | 13 | 80.805     | -160.320       | 1019.4      | -4.9         |
|                         |    |            |                |             |              | 257                     | 14 | 80.732     | -159.880       | 1018.1      | -5.4         |
|                         |    |            |                |             |              | 258                     | 15 | 80.708     | -159.705       | 1021.8      | -4.9         |
|                         |    |            |                |             |              | 259                     | 16 | 80.685     | -159.603       | 1032.0      | -8.2         |
|                         |    |            |                |             |              | 262                     | 19 | 80.759     | -157.565       |             | -1.9*        |
|                         |    |            |                |             |              | 263                     | 20 | 80.785     | -157.089       | 1017.3      | -2.3         |
|                         |    |            |                |             |              | 264                     | 21 | 80.823     | -156.897       | 1019.4      | -2.1*        |
|                         |    |            |                |             |              | 265                     | 22 | 80.842     | -156.751       | 1022.2      | -2.3*        |
|                         |    |            |                |             |              | 266                     | 23 | 80.874     | -156.727       | 1020.5      | -3.2         |
|                         |    |            |                |             |              | 267                     | 24 | 80.887     | -156.442       | 1009.6      | -2.9         |
|                         |    |            |                |             |              | 268                     | 25 | 80.844     | -155.973       | 1002.7      | -5.2         |
|                         |    |            |                |             |              | 269                     | 26 | 80.817     | -155.441       | 986.4       | -4.8         |
|                         |    |            |                |             |              | 272                     | 29 | 80.581     | -153.442       | 1014.6      | -2.0         |
|                         |    |            |                |             |              | 273                     | 30 | 80.599     | -153.279       |             | -3.1*        |

| BUOY( 3981)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3981)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 80.632     | -153.257       | 1013.4      | -4.1         | 305                     | 1  | 81.840     | -158.154       | 1023.7      | -14.0        |
| 275                     | 2  | 80.676     | -153.471       | 1014.2      | -6.0         | 306                     | 2  | 81.808     | -158.040       | 1033.1      | -21.2        |
| 276                     | 3  | 80.736     | -153.788       | 1013.1      | -7.0         | 307                     | 3  | 81.840     | -158.161       | 1027.6      | -17.8        |
| 278                     | 5  | 80.892     | -154.848       | 1010.5      | -10.2        | 308                     | 4  | 81.891     | -158.251       | 1021.0      | -13.0        |
| 279                     | 6  | 80.934     | -154.609       | 1013.1      | -8.9         | 309                     | 5  | 82.014     | -158.809       | 995.7       | -10.7        |
| 280                     | 7  | 80.949     | -154.102       | 1018.4      | -13.1        | 310                     | 6  | 81.967     | -160.058       | 1006.8      | -14.0        |
| 283                     | 10 | 81.197     | -154.655       | 1019.9      | -11.2        | 311                     | 7  | 81.874     | -160.579       | 1017.0      | -23.4        |
| 284                     | 11 | 81.282     | -155.236       |             | -13.1*       | 312                     | 8  | 81.822     | -160.665       | 1009.1      | -21.8        |
| 285                     | 12 | 81.327     | -155.554       | 1024.1      | -15.2        | 313                     | 9  | 81.806     | -160.825       | 1010.2      | -24.4        |
| 286                     | 13 | 81.381     | -155.852       | 1028.2      | -17.2        | 316                     | 12 | 81.613     | -161.077       | 1013.9      | -19.1        |
| 287                     | 14 | 81.436     | -156.150       | 1031.2      | -17.6        | 319                     | 15 | 81.445     | -162.162       | 1014.3      | -18.8        |
| 288                     | 15 | 81.491     | -156.492       | 1035.1      | -19.0        | 320                     | 16 | 81.430     | -162.285       | 1012.5      | -19.6        |
| 289                     | 16 | 81.537     | -156.788       | 1039.9      | -19.0        | 321                     | 17 | 81.423     | -162.537       | 1014.2      | -17.6        |
| 290                     | 17 | 81.479     | -157.190       | 1027.1      | -13.0        | 322                     | 18 | 81.401     | -163.048       | 1015.4      | -17.0        |
| 291                     | 18 | 81.483     | -157.616       | 1018.8      | -13.3        | 323                     | 19 | 81.425     | -163.140       | 1016.1      | -21.6        |
| 292                     | 19 | 81.475     | -157.612       | 1011.1      | -15.7        | 324                     | 20 | 81.451     | -163.463       | 1017.3      | -21.5        |
| 293                     | 20 | 81.537     | -157.522       | 1019.5      | -14.2        | 325                     | 21 | 81.477     | -163.637       | 1012.7      | -25.2        |
| 294                     | 21 | 81.601     | -157.537       | 1023.0      | -16.3        | 326                     | 22 | 81.507     | -163.953       | 997.6       | -21.2        |
| 295                     | 22 | 81.610     | -157.296       | 1028.6      | -14.2        | 327                     | 23 | 81.488     | -164.690       | 990.3       | -19.9        |
| 296                     | 23 | 81.658     | -157.473       | 1025.5      | -15.2        | 328                     | 24 | 81.508     | -164.851       | 996.4       | -28.0        |
| 297                     | 24 | 81.710     | -157.650       | 1026.0      | -13.5        | 329                     | 25 | 81.502     | -165.488       | 1005.2      | -26.1        |
| 298                     | 25 | 81.729     | -157.557       | 1022.7      | -14.1        | 330                     | 26 | 81.463     | -166.155       | 1006.3      | -21.8        |
| 299                     | 26 | 81.774     | -157.254       | 1011.3      | -11.9        | 331                     | 27 | 81.456     | -166.861       | 1006.5      | -21.3        |
| 300                     | 27 | 81.881     | -157.005       | 991.3       | -11.2        | 332                     | 28 | 81.412     | -167.299       | 1000.7      | -25.4        |
| 301                     | 28 | 81.794     | -157.373       | 1006.9      | -14.1        | 333                     | 29 | 81.394     | -167.476       | 1000.9      | -27.5        |
| 302                     | 29 | 81.728     | -157.211       | 1025.4      | -18.4        | 334                     | 30 | 81.388     | -167.463       | 1001.2      | -29.6        |
| 303                     | 30 | 81.821     | -157.359       | 1008.7      | -13.5        |                         |    |            |                |             |              |
| 304                     | 31 | 81.887     | -158.031       | 1007.1      | -11.4        |                         |    |            |                |             |              |



# BUOY 3981

| BUOY( 3981)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 81.418     | -167.192       | 996.2       | -30.3        |
| 339                     | 5  | 81.483     | -165.000       | 1009.2      | -27.2        |
| 340                     | 6  | 81.546     | -164.454       | 1009.6      | -25.9        |
| 341                     | 7  | 81.608     | -164.155       | 1008.5      | -24.6        |
| 343                     | 9  | 81.774     | -163.589       | 1011.0      | -23.6        |
| 347                     | 13 | 81.962     | -162.988       | 1022.8      | -26.6        |
| 348                     | 14 | 82.040     | -163.061       | 1024.3      | -26.7        |
| 349                     | 15 | 82.079     | -163.120       | 1024.4      | -27.9        |
| 352                     | 18 | 82.073     | -162.673       | 1030.0      | -29.9        |
| 353                     | 19 | 82.101     | -162.595       | 1033.1      | -30.4        |
| 354                     | 20 | 82.134     | -162.834       | 1025.4      | -29.3        |
| 356                     | 22 | 82.093     | -163.865       | 1006.5      | -23.7        |
| 358                     | 24 | 81.996     | -165.156       | 1021.6      | -23.4        |
| 359                     | 25 | 81.978     | -165.453       | 1029.6      | -28.6        |
| 360                     | 26 | 81.998     | -165.601       | 1035.0      | -29.5        |
| 361                     | 27 | 82.055     | -165.665       | 1038.8      | -27.3        |
| 362                     | 28 | 82.142     | -165.495       | 1038.3      | -23.6        |
| 363                     | 29 | 82.272     | -165.251       | 1032.4      | -21.8        |
| 364                     | 30 | 82.367     | -165.286       | 1027.5      | -23.3        |
| 365                     | 31 | 82.523     | -165.859       |             | -20.2*       |

# BUOY 3982

| BUOY( 3982)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3982)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 232                     | 20 | 74.974     | -139.972       | 1018.9      | -0.3         | 244                     | 1  | 74.811     | -138.124       | 1017.5      | -0.8         |
| 233                     | 21 | 74.896     | -139.732       | 1018.2      | -1.2         | 245                     | 2  | 74.796     | -138.220       | 1014.8      | -4.9         |
| 234                     | 22 | 74.838     | -139.365       | 1014.1      | -2.3         | 248                     | 5  | 74.813     | -138.346       | 1004.0      | -1.7         |
| 235                     | 23 | 74.867     | -139.158       | 1006.7      | -0.9         | 249                     | 6  | 74.713     | -138.152       | 1009.8      | -2.9         |
| 236                     | 24 | 74.844     | -139.098       | 999.5       | -1.0         | 250                     | 7  | 74.805     | -137.770       | 1004.2      | -1.0         |
| 237                     | 25 | 74.851     | -138.790       | 1002.6      | -1.9         | 251                     | 8  | 74.980     | -137.280       | 999.7       | -0.2         |
| 238                     | 26 | 74.892     | -138.119       | 1008.0      | -1.1         | 252                     | 9  | 75.089     | -137.089       | 999.5       | -1.8         |
| 239                     | 27 | 74.891     | -137.716       | 1017.6      | -3.5         | 253                     | 10 | 75.123     | -136.777       | 997.8       | -1.9         |
| 240                     | 28 | 74.877     | -137.698       | 1022.7      | -3.3         | 254                     | 11 | 75.259     | -136.475       | 996.4       | -1.8         |
| 241                     | 29 | 74.790     | -137.875       | 1022.5      | -2.0         | 255                     | 12 | 75.353     | -136.378       | 1005.7      | -3.2         |
| 242                     | 30 | 74.727     | -137.928       | 1022.9      | -3.6         | 256                     | 13 | 75.291     | -136.204       | 1011.1      | -2.5         |
| 243                     | 31 | 74.770     | -137.946       | 1018.0      | -2.2         | 257                     | 14 | 75.109     | -135.931       | 1016.8      | -2.6         |
|                         |    |            |                |             |              | 258                     | 15 | 74.978     | -135.576       | 1022.8      | -2.8         |
|                         |    |            |                |             |              | 259                     | 16 | 75.017     | -135.874       | 1025.8      | -3.6         |
|                         |    |            |                |             |              | 260                     | 17 | 74.937     | -136.283       | 1032.5      | -3.9         |
|                         |    |            |                |             |              | 261                     | 18 | 74.915     | -136.000       | 1022.0      | -4.1         |
|                         |    |            |                |             |              | 262                     | 19 | 74.938     | -135.779       | 1020.2      | -5.3         |
|                         |    |            |                |             |              | 263                     | 20 | 74.913     | -136.023       | 1022.7      | -6.6         |
|                         |    |            |                |             |              | 264                     | 21 | 74.750     | -136.416       | 1020.7      | -4.8         |
|                         |    |            |                |             |              | 265                     | 22 | 74.569     | -136.605       | 1023.1      | -3.0         |
|                         |    |            |                |             |              | 266                     | 23 | 74.437     | -136.690       | 1027.4      | -2.4         |
|                         |    |            |                |             |              | 268                     | 25 | 74.419     | -136.248       | 1010.8      | -3.1         |
|                         |    |            |                |             |              | 273                     | 30 | 74.143     | -134.518       | 1005.0      | -2.4*        |

| BUOY( 3982)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 3982)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 74.106     | -134.154       | 1011.6      | -2.9         | 305                     | 1  | 74.063     | -140.593       | 1026.4      | -8.5         |
| 275                     | 2  | 74.111     | -134.438       | 1006.0      | -1.9         | 308                     | 4  | 74.015     | -140.670       | 1026.9      | -14.9        |
| 276                     | 3  | 74.119     | -134.746       | 999.4       | 0.1          | 309                     | 5  | 74.148     | -140.634       | 1014.1      | -7.7         |
| 277                     | 4  | 74.154     | -134.646       | 996.3       | -1.8         | 310                     | 6  | 74.174     | -139.897       | 1003.2      | -3.2         |
| 278                     | 5  | 74.005     | -134.734       | 1006.7      | -4.9         | 311                     | 7  | 74.053     | -139.402       | 999.4       | -14.4        |
| 279                     | 6  | 73.800     | -134.834       | 1024.5      | -9.9         | 312                     | 8  | 73.862     | -139.097       | 1004.5      | -21.5        |
| 280                     | 7  | 73.785     | -135.190       | 1017.2      | -10.7        | 313                     | 9  | 73.759     | -139.081       | 999.7       | -21.5        |
| 282                     | 9  | 73.934     | -137.298       | 999.3       | -4.1         | 317                     | 13 | 73.647     | -138.625       | 1003.6      | -13.8        |
| 283                     | 10 | 74.058     | -138.059       |             | -4.9*        | 318                     | 14 | 73.686     | -138.686       | 1009.1      | -17.0        |
| 284                     | 11 | 74.048     | -138.279       | 1012.8      | -5.6         | 319                     | 15 | 73.685     | -138.814       | 1011.6      | -17.0        |
| 285                     | 12 | 73.999     | -138.553       | 1017.8      | -10.9        | 320                     | 16 | 73.707     | -139.059       | 1001.9      | -11.5        |
| 286                     | 13 | 74.002     | -138.886       | 1021.0      | -13.4        | 321                     | 17 | 73.705     | -138.912       | 1010.1      | -21.3        |
| 287                     | 14 | 74.010     | -139.139       | 1024.6      | -13.4        | 322                     | 18 | 73.721     | -138.884       | 1020.3      | -23.1        |
| 288                     | 15 | 74.041     | -139.418       | 1028.3      | -15.4*       | 325                     | 21 | 73.737     | -138.928       | 1017.0      | -18.4        |
| 289                     | 16 | 74.072     | -139.997       |             | -15.4*       | 326                     | 22 | 73.914     | -139.290       | 993.8       | -10.3        |
| 290                     | 17 | 74.074     | -140.450       | 1017.9      | -13.2*       | 327                     | 23 | 73.859     | -138.998       | 1013.9      | -20.1        |
| 291                     | 18 | 74.041     | -140.748       | 1013.0      | -15.8        | 328                     | 24 | 73.878     | -139.048       | 996.6       | -17.4        |
| 292                     | 19 | 74.020     | -140.999       | 1014.2      | -14.2        | 329                     | 25 | 73.922     | -139.277       | 993.9       | -13.9        |
| 293                     | 20 | 74.140     | -141.539       | 1016.1      | -5.6         | 330                     | 26 | 73.844     | -139.056       | 1009.6      | -21.8        |
| 294                     | 21 | 74.212     | -141.916       | 1020.2      | -8.4         | 333                     | 29 | 74.169     | -138.954       | 991.9       | -15.9        |
| 295                     | 22 | 74.191     | -142.158       | 1024.2      | -10.3        | 334                     | 30 | 74.152     | -138.980       | 1000.8      | -20.4        |
| 296                     | 23 | 74.244     | -142.319       | 1022.5      | -8.5         |                         |    |            |                |             |              |
| 297                     | 24 | 74.290     | -142.557       | 1021.5      | -6.5         |                         |    |            |                |             |              |
| 298                     | 25 | 74.325     | -142.794       | 1010.7      | -7.1         |                         |    |            |                |             |              |
| 299                     | 26 | 74.250     | -143.037       | 1017.1      | -14.2        |                         |    |            |                |             |              |
| 300                     | 27 | 74.260     | -142.984       | 1012.6      | -14.4        |                         |    |            |                |             |              |
| 301                     | 28 | 74.251     | -142.251       | 1012.6      | -12.6        |                         |    |            |                |             |              |
| 302                     | 29 | 74.033     | -141.510       | 1034.2      | -15.5        |                         |    |            |                |             |              |
| 303                     | 30 | 74.122     | -141.333       | 1021.0      | -8.0         |                         |    |            |                |             |              |
| 304                     | 31 | 74.175     | -140.914       | 1013.5      | -3.3         |                         |    |            |                |             |              |

# BUOY 3982

| BUOY( 3982)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 74.156     | -138.915       | 1003.0      | -21.6        |
| 336                     | 2  | 74.059     | -139.004       | 1000.0      | -22.1        |
| 339                     | 5  | 73.813     | -138.643       | 1026.1      | -25.8        |
| 343                     | 9  | 73.890     | -138.836       | 1014.5      | -25.2        |
| 344                     | 10 | 73.848     | -138.775       | 1020.1      | -25.7        |
| 345                     | 11 | 73.836     | -138.856       | 1021.1      | -25.4        |
| 346                     | 12 | 73.851     | -139.268       | 1019.9      | -25.5        |
| 347                     | 13 | 73.901     | -139.779       | 1018.8      | -22.8*       |
| 348                     | 14 | 73.931     | -140.241       | 1015.0      | -24.2        |
| 349                     | 15 | 73.929     | -140.641       | 1013.8      | -26.7        |
| 350                     | 16 | 73.888     | -141.020       | 1011.6      | -27.4        |
| 351                     | 17 | 73.859     | -141.242       | 1015.1      | -27.6        |
| 352                     | 18 | 73.819     | -141.592       | 1023.1      | -28.0        |
| 353                     | 19 | 73.821     | -142.045       | 1021.6      | -26.8        |
| 354                     | 20 | 73.845     | -142.690       | 1008.2      | -25.2        |
| 355                     | 21 | 73.846     | -143.203       | 1004.7      | -27.1        |
| 356                     | 22 | 73.839     | -143.190       | 999.1       | -27.0        |
| 357                     | 23 | 73.811     | -143.343       | 998.5       | -23.9        |
| 358                     | 24 | 73.789     | -143.426       | 1007.3      | -22.4        |
| 359                     | 25 | 73.783     | -143.551       | 1017.2      | -26.4*       |
| 360                     | 26 | 73.762     | -143.633       | 1030.7      | -24.3        |
| 361                     | 27 | 73.730     | -143.737       | 1038.6      | -24.4        |
| 362                     | 28 | 73.711     | -143.949       | 1036.9      | -26.0        |
| 365                     | 31 | 74.094     | -146.100       | 1022.2      | -19.8        |

# BUOY 5311

| BUOY( 5311)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 5311)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 83.990     | -118.491       | 1011.1      | -36.5        | 124                     | 4  | 84.094     | -106.916       | 1021.5      | -5.4         |
| 2                       | 2  | 84.005     | -118.819       | 1016.5      | -33.9        | 125                     | 5  | 84.068     | -107.156       | 1018.9      | -10.2        |
| 3                       | 3  | 84.022     | -119.060       | 1016.9      | -29.5        | 126                     | 6  | 83.975     | -108.065       | 1009.1      | -11.2        |
| 4                       | 4  | 84.015     | -119.237       | 1016.1      | -30.6        | 127                     | 7  | 83.883     | -108.867       | 1004.3      | -12.7        |
| 5                       | 5  | 84.024     | -119.159       | 1012.9      | -30.9        | 128                     | 8  | 83.846     | -109.433       | 1009.0      | -12.6        |
| 6                       | 6  | 84.205     | -119.881       | 985.2       | -19.2        | 129                     | 9  | 83.831     | -109.625       | 1016.7      | -12.7*       |
| 7                       | 7  | 84.292     | -119.433       | 999.9       | -23.3        | 130                     | 10 | 83.826     | -109.415       | 1019.2      | -13.5        |
| 8                       | 8  | 84.323     | -119.074       | 1006.1      | -25.8        | 131                     | 11 | 83.836     | -108.875       | 1013.6      | -13.8        |
| 9                       | 9  | 84.324     | -118.606       | 1028.1      | -37.7        | 132                     | 12 | 83.877     | -107.870       | 1001.7      | -11.9        |
| 10                      | 10 | 84.318     | -118.237       | 1035.2      | -35.1        | 133                     | 13 | 83.960     | -106.724       | 995.7       | -9.5         |
| 11                      | 11 | 84.312     | -117.334       | 1031.6      | -24.8        | 134                     | 14 | 84.015     | -105.733       | 1006.4      | -9.4         |
| 12                      | 12 | 84.331     | -116.303       | 1020.3      | -24.4        | 135                     | 15 | 84.050     | -105.480       | 1008.4      | -10.4        |
| 13                      | 13 | 84.349     | -115.304       | 1009.1      | -21.7        | 136                     | 16 | 84.054     | -105.470       | 1011.2      | -8.8         |
| 14                      | 14 | 84.308     | -115.307       | 1029.8      | -35.4        | 137                     | 17 | 84.053     | -105.470       | 1015.1      | -7.1         |
| 15                      | 15 | 84.343     | -114.643       | 1004.6      | -26.5        | 138                     | 18 | 84.053     | -105.470       | 1016.8      | -7.2         |
| 16                      | 16 | 84.293     | -114.264       | 1020.3      | -31.8        | 139                     | 19 | 84.058     | -105.454       | 1022.0      | -10.0        |
| 21                      | 21 | 84.296     | -112.614       | 1033.0      | -25.7        | 140                     | 20 | 84.066     | -105.440       | 1020.0      | -9.7         |
| 22                      | 22 | 84.306     | -112.014       | 1022.2      | -26.6        | 141                     | 21 | 84.050     | -105.459       | 1017.1      | -7.4         |
|                         |    |            |                |             |              | 142                     | 22 | 84.010     | -106.035       | 1012.0      | -7.4         |
|                         |    |            |                |             |              | 143                     | 23 | 83.910     | -106.967       | 1010.1      | -9.3         |
|                         |    |            |                |             |              | 144                     | 24 | 83.854     | -106.878       | 1016.4      | -6.4         |
|                         |    |            |                |             |              | 145                     | 25 | 83.844     | -106.575       | 1018.7      | -6.9         |
|                         |    |            |                |             |              | 146                     | 26 | 83.842     | -106.436       | 1020.4      | -6.4         |
|                         |    |            |                |             |              | 147                     | 27 | 83.842     | -106.335       | 1021.7      | -6.8         |
|                         |    |            |                |             |              | 148                     | 28 | 83.849     | -106.310       | 1021.1      | -6.5         |
|                         |    |            |                |             |              | 149                     | 29 | 83.902     | -106.427       | 1013.2      | -7.3         |
|                         |    |            |                |             |              | 150                     | 30 | 83.959     | -106.630       | 1011.2      | -4.3         |
|                         |    |            |                |             |              | 151                     | 31 | 83.975     | -106.765       | 1009.1      | -4.0         |

| BUOY( 5311)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 5311)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 83.958     | -106.925       | 1013.3      | -4.4         | 182                     | 1  | 83.593     | -105.773       | 1022.7      | 2.1          |
| 153                     | 2  | 83.924     | -106.989       | 1017.4      | -4.0         | 183                     | 2  | 83.601     | -105.590       | 1024.9      | 1.5          |
| 154                     | 3  | 83.902     | -106.886       | 1020.7      | -4.2*        | 184                     | 3  | 83.642     | -105.497       | 1024.5      | 1.3          |
| 155                     | 4  | 83.889     | -107.072       | 1018.1      | -3.7         | 185                     | 4  | 83.652     | -105.450       | 1023.7      | 3.0          |
| 156                     | 5  | 83.867     | -107.414       | 1021.3      | -4.2         | 186                     | 5  | 83.670     | -105.400       | 1022.5      | 1.6          |
| 157                     | 6  | 83.834     | -107.379       | 1025.1      | -5.1         | 187                     | 6  | 83.714     | -105.204       | 1020.5      | 0.8          |
| 158                     | 7  | 83.834     | -107.270       | 1023.7      | -5.2         | 188                     | 7  | 83.743     | -105.276       | 1013.2      | 0.5          |
| 159                     | 8  | 83.832     | -107.300       | 1022.9      | -5.6         | 189                     | 8  | 83.765     | -105.175       | 1016.3      | 1.0          |
| 160                     | 9  | 83.818     | -107.325       | 1023.2      | -5.5         | 190                     | 9  | 83.807     | -105.372       | 1014.0      | 1.9          |
| 161                     | 10 | 83.799     | -107.250       | 1025.2      | -5.3         | 191                     | 10 | 83.841     | -105.476       | 1013.9      | 2.4          |
| 162                     | 11 | 83.781     | -107.240       | 1026.5      | -5.9         | 192                     | 11 | 83.864     | -105.365       | 1014.7      | 1.4          |
| 163                     | 12 | 83.781     | -107.237       | 1026.1      | -5.0*        | 193                     | 12 | 83.883     | -104.998       | 1014.3      | 0.4          |
| 164                     | 13 | 83.787     | -107.127       | 1023.6      | -3.3         | 194                     | 13 | 83.906     | -104.850       | 1014.3      | 1.4          |
| 165                     | 14 | 83.787     | -107.130       | 1022.1      | -0.5         | 195                     | 14 | 83.876     | -105.118       | 1008.3      | 0.5*         |
| 166                     | 15 | 83.787     | -107.130       | 1020.7      | 1.5          | 196                     | 15 | 83.877     | -105.658       | 1008.6      | 0.8*         |
| 167                     | 16 | 83.776     | -107.260       | 1018.8      | 0.1*         | 197                     | 16 | 83.875     | -105.361       | 999.4       | -0.3         |
| 168                     | 17 | 83.744     | -107.501       | 1015.5      | 0.4          | 198                     | 17 | 83.935     | -104.857       | 1003.7      | 0.8*         |
| 169                     | 18 | 83.677     | -107.589       | 1004.4      | -0.2         | 199                     | 18 | 83.979     | -104.794       | 1008.5      | 0.6          |
| 170                     | 19 | 83.631     | -107.448       | 993.3       | 0.2          | 200                     | 19 | 84.022     | -104.681       | 1002.8      | 1.3          |
| 171                     | 20 | 83.624     | -107.380       | 1000.3      | 0.7          | 201                     | 20 | 84.051     | -104.930       | 1000.6      | 2.3          |
| 172                     | 21 | 83.646     | -107.577       | 1000.6      | 1.2          | 202                     | 21 | 84.046     | -104.914       | 1006.8      | 0.9          |
| 173                     | 22 | 83.647     | -107.949       |             | 0.3*         | 203                     | 22 | 84.022     | -104.635       | 1004.7      | 0.4          |
| 174                     | 23 | 83.632     | -108.506       | 1003.5      | -0.1         | 204                     | 23 | 83.999     | -104.426       | 1005.3      | 1.1          |
| 175                     | 24 | 83.589     | -108.675       | 1005.7      | -1.3         | 205                     | 24 | 83.989     | -104.230       | 1004.4      | 1.2*         |
| 176                     | 25 | 83.547     | -108.458       | 1010.9      | -0.9*        | 206                     | 25 | 84.061     | -104.230       | 1000.8      | 0.8          |
| 177                     | 26 | 83.561     | -107.869       | 1008.9      | -0.8         | 207                     | 26 | 84.136     | -104.384       | 995.5       | 1.4          |
| 178                     | 27 | 83.571     | -107.376       | 1008.9      | 0.2          | 208                     | 27 | 84.174     | -104.316       | 998.7       | 0.4          |
| 179                     | 28 | 83.579     | -107.023       | 1010.4      | 0.4          | 209                     | 28 | 84.213     | -104.120       | 1003.8      | 0.4          |
| 180                     | 29 | 83.589     | -106.423       | 1015.2      | 0.9          | 210                     | 29 | 84.232     | -104.490       | 993.7       | -0.7         |
| 181                     | 30 | 83.586     | -106.210       | 1020.3      | 3.1*         | 211                     | 30 | 84.233     | -104.834       | 987.3       | 0.6          |
|                         |    |            |                |             |              | 212                     | 31 | 84.267     | -104.954       | 992.6       | 0.0          |

# BUOY 5311

| BUOY( 5311)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 5311)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 213                     | 1  | 84.226     | -104.339       | 995.7       | 0.0          | 244                     | 1  | 85.044     | -93.603        | 993.0       | -2.7         |
| 214                     | 2  | 84.218     | -103.266       | 997.4       | 0.1          | 245                     | 2  | 85.043     | -93.150        | 993.0       | -6.8         |
| 215                     | 3  | 84.231     | -102.075       | 1000.7      | 0.4          | 246                     | 3  | 85.049     | -92.721        | 999.0       | -3.4         |
| 216                     | 4  | 84.267     | -100.914       |             | -0.3*        | 247                     | 4  | 85.073     | -91.865        | 1004.0      | -5.4         |
| 217                     | 5  | 84.320     | -100.230       | 998.3       | 0.2*         | 248                     | 5  | 85.122     | -91.450        | 1000.6      | -1.7         |
| 218                     | 6  | 84.368     | -99.261        | 1005.3      | 0.4          | 249                     | 6  | 85.158     | -91.208        | 1003.9      | -1.5*        |
| 219                     | 7  | 84.395     | -99.131        | 1004.6      | 0.9          | 250                     | 7  | 85.179     | -91.110        | 1006.5      | -5.2         |
| 220                     | 8  | 84.356     | -99.533        | 1006.3      | 0.2          | 251                     | 8  | 85.185     | -91.086        | 1010.0      | -5.1         |
| 221                     | 9  | 84.370     | -99.387        | 1003.9      | 0.0          | 252                     | 9  | 85.191     | -90.986        | 1016.0      | -4.5         |
| 222                     | 10 | 84.422     | -99.689        | 995.9       | -0.6         | 253                     | 10 | 85.219     | -91.098        | 1013.3      | -5.7         |
| 223                     | 11 | 84.439     | -99.816        | 998.4       | 0.3*         | 254                     | 11 | 85.255     | -92.012        | 1007.1      | -6.4         |
| 224                     | 12 | 84.478     | -99.558        | 1005.6      | -0.7         | 255                     | 12 | 85.258     | -92.986        | 1006.9      | -4.4         |
| 225                     | 13 | 84.466     | -100.298       | 996.6       | -1.4         | 256                     | 13 | 85.266     | -93.418        | 1006.6      | -6.6         |
| 226                     | 14 | 84.445     | -101.048       | 995.8       | -2.2         | 257                     | 14 | 85.254     | -94.088        | 1001.3      | -5.4         |
| 227                     | 15 | 84.424     | -101.026       | 999.4       | -2.2         | 258                     | 15 | 85.216     | -95.013        | 1008.3      | -5.4         |
| 228                     | 16 | 84.423     | -100.635       | 995.3       | -3.0*        | 259                     | 16 | 85.156     | -95.457        | 1018.5      | -6.1         |
| 229                     | 17 | 84.452     | -100.310       | 1001.4      | -4.3         | 260                     | 17 | 85.124     | -95.375        | 1019.0      | -8.0         |
| 230                     | 18 | 84.443     | -100.318       | 1009.0      | -3.7         | 261                     | 18 | 85.194     | -94.175        | 1000.9      | -5.9         |
| 231                     | 19 | 84.414     | -100.375       | 1010.7      | -2.1         | 262                     | 19 | 85.215     | -93.330        | 999.2       | -5.3         |
| 232                     | 20 | 84.408     | -100.291       | 1001.6      | -3.6         | 263                     | 20 | 85.154     | -92.232        | 1013.2      | -2.8         |
| 233                     | 21 | 84.426     | -100.353       | 1000.9      | -3.2         | 264                     | 21 | 85.108     | -90.624        | 1022.4      | -3.8*        |
| 234                     | 22 | 84.475     | -100.441       | 1007.3      | -2.5         | 265                     | 22 | 85.073     | -89.269        | 1020.7      | -7.2         |
| 235                     | 23 | 84.575     | -100.516       | 1012.7      | -2.1         | 266                     | 23 | 85.042     | -88.693        | 1021.2      | -9.5         |
| 236                     | 24 | 84.621     | -100.047       | 1018.7      | 0.3          | 267                     | 24 | 85.044     | -88.013        |             | -6.1*        |
| 237                     | 25 | 84.756     | -99.568        | 1014.3      | 1.0          | 268                     | 25 | 85.092     | -87.484        | 1002.8      | -7.3         |
| 238                     | 26 | 84.867     | -98.889        | 1012.2      | 0.5*         | 269                     | 26 | 85.155     | -86.250        | 992.4       | -8.3         |
| 239                     | 27 | 84.895     | -98.274        | 1017.6      | -2.6         | 270                     | 27 | 85.211     | -85.775        | 993.2       | -10.5        |
| 240                     | 28 | 84.947     | -97.256        | 1020.7      | -3.2         | 271                     | 28 | 85.249     | -85.227        | 1002.7      | -13.5        |
| 241                     | 29 | 84.972     | -96.057        | 1023.6      | -2.3         | 272                     | 29 | 85.290     | -84.689        | 1007.9      | -9.6         |
| 242                     | 30 | 84.994     | -95.270        | 1018.3      | -3.9         |                         |    |            |                |             |              |
| 243                     | 31 | 85.026     | -94.588        | 1008.2      | -2.5         |                         |    |            |                |             |              |

# BUOY 7950

| BUOY( 7950)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 7950)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 78.682     | -140.678       | 1011.2      | -6.1         | 307                     | 3  | 79.133     | -144.203       | 1029.9      | -17.7        |
| 275                     | 2  | 78.681     | -140.767       | 1016.6      | -8.1         | 308                     | 4  | 79.181     | -144.231       | 1025.7      | -15.0        |
| 276                     | 3  | 78.762     | -141.381       | 1007.8      | -9.8         | 309                     | 5  | 79.370     | -144.068       | 1001.0      | -9.8         |
| 277                     | 4  | 78.961     | -142.461       | 993.0       | -7.7         | 310                     | 6  | 79.341     | -143.713       | 995.5       | -13.2        |
| 278                     | 5  | 78.844     | -142.295       | 1010.1      | -10.3        | 311                     | 7  | 79.196     | -144.174       | 1003.9      | -23.2        |
| 279                     | 6  | 78.842     | -142.107       | 1012.2      | -7.8         | 312                     | 8  | 79.029     | -144.488       | 1007.2      | -25.5        |
| 280                     | 7  | 78.815     | -141.514       | 1021.0      | -6.8         | 313                     | 9  | 78.978     | -144.625       | 1007.0      | -24.3        |
| 281                     | 8  | 78.827     | -141.575       | 1019.2      | -11.7        | 314                     | 10 | 78.916     | -145.160       | 1005.8      | -25.8        |
| 282                     | 9  | 78.912     | -142.117       | 1016.8      | -14.1        | 315                     | 11 | 78.847     | -145.186       | 1003.2      | -27.6        |
| 283                     | 10 | 79.022     | -142.828       | 1018.7      | -12.8        | 316                     | 12 | 78.838     | -145.269       | 1006.2      | -26.0        |
| 284                     | 11 | 79.053     | -143.368       | 1025.6      | -15.3        | 317                     | 13 | 78.822     | -145.572       | 1010.1      | -28.7        |
| 285                     | 12 | 79.067     | -143.610       | 1024.0      | -15.7        | 318                     | 14 | 78.810     | -145.805       | 1012.7      | -27.8        |
| 286                     | 13 | 79.083     | -143.838       | 1027.4      | -15.5        | 319                     | 15 | 78.794     | -145.868       | 1013.0      | -23.6        |
| 287                     | 14 | 79.094     | -144.105       | 1030.1      | -15.9        | 320                     | 16 | 78.817     | -145.959       | 1010.2      | -21.9        |
| 288                     | 15 | 79.143     | -144.444       | 1034.7      | -22.7        | 321                     | 17 | 78.836     | -146.664       | 1006.2      | -18.5        |
| 289                     | 16 | 79.133     | -144.748       | 1034.3      | -10.8        | 322                     | 18 | 78.874     | -146.616       | 1017.0      | -28.5        |
| 290                     | 17 | 79.091     | -145.192       | 1017.1      | -8.7*        | 323                     | 19 | 78.896     | -146.671       | 1017.5      | -25.5        |
| 291                     | 18 | 79.078     | -145.395       | 1015.7      | -17.4*       | 324                     | 20 | 78.955     | -146.567       | 1018.6      | -26.3        |
| 292                     | 19 | 79.024     | -145.248       | 1015.6      | -17.7        | 325                     | 21 | 79.003     | -146.375       | 1009.8      | -25.1        |
| 293                     | 20 | 79.109     | -145.428       | 1019.9      | -9.7         | 326                     | 22 | 79.124     | -146.837       | 993.8       | -21.6        |
| 294                     | 21 | 79.186     | -145.377       | 1023.2      | -10.0        | 327                     | 23 | 79.107     | -146.462       | 999.4       | -28.3        |
| 295                     | 22 | 79.171     | -145.424       | 1027.5      | -15.6        | 328                     | 24 | 79.198     | -146.226       | 999.2       | -26.9        |
| 296                     | 23 | 79.199     | -145.636       | 1025.1      | -15.6        | 329                     | 25 | 79.268     | -146.603       | 999.5       | -23.5        |
| 297                     | 24 | 79.208     | -145.704       | 1026.5      | -22.5        | 330                     | 26 | 79.308     | -147.103       | 1002.6      | -23.9        |
| 298                     | 25 | 79.211     | -145.885       | 1022.8      | -9.8         | 331                     | 27 | 79.317     | -147.350       | 1005.9      | -31.0        |
| 299                     | 26 | 79.213     | -145.918       | 1018.3      | -14.2        | 332                     | 28 | 79.362     | -147.730       | 999.1       | -30.5        |
| 300                     | 27 | 79.352     | -145.412       | 1003.7      | -13.4        | 333                     | 29 | 79.423     | -148.463       | 996.0       | -24.7        |
| 301                     | 28 | 79.372     | -145.019       | 1008.0      | -17.9        | 334                     | 30 | 79.435     | -148.556       | 1001.9      | -22.0        |
| 302                     | 29 | 79.220     | -145.051       | 1019.6      | -17.1        |                         |    |            |                |             |              |
| 303                     | 30 | 79.332     | -145.014       | 1008.9      | -12.2        |                         |    |            |                |             |              |
| 304                     | 31 | 79.347     | -144.813       | 1006.9      | -9.5         |                         |    |            |                |             |              |

| BUOY( 7950)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 79.411     | -148.405       | 1001.0      | -28.5*       |
| 336                     | 2  | 79.425     | -147.944       | 1000.3      |              |
| 337                     | 3  | 79.446     | -147.362       | 1000.2      |              |
| 338                     | 4  | 79.425     | -146.937       | 1000.2      |              |
| 339                     | 5  | 79.406     | -146.489       |             |              |
| 340                     | 6  | 79.415     | -146.217       | 1000.2      |              |
| 341                     | 7  | 79.446     | -146.023       | 1000.2      |              |
| 342                     | 8  | 79.543     | -145.798       | 1000.2      |              |
| 343                     | 9  | 79.574     | -145.690       | 1000.3      |              |
| 344                     | 10 | 79.553     | -145.613       | 1000.1      |              |
| 345                     | 11 | 79.543     | -145.576       | 1000.2      |              |
| 346                     | 12 | 79.568     | -145.560       | 1000.4      |              |

# BUOY 9114

| BUOY( 9114)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9114)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 120                     | 30 | 88.941     | 73.626         |             |              | 121                     | 1  | 88.934     | 72.293         |             |              |
|                         |    |            |                |             |              | 122                     | 2  | 88.904     | 70.326         |             |              |
|                         |    |            |                |             |              | 123                     | 3  | 88.879     | 67.863         |             |              |
|                         |    |            |                |             |              | 124                     | 4  | 88.876     | 67.782         |             |              |
|                         |    |            |                |             |              | 125                     | 5  | 88.911     | 68.601         |             |              |
|                         |    |            |                |             |              | 126                     | 6  | 88.982     | 70.745         |             |              |
|                         |    |            |                |             |              | 127                     | 7  | 89.066     | 73.842         |             |              |
|                         |    |            |                |             |              | 128                     | 8  | 89.111     | 76.439         |             |              |
|                         |    |            |                |             |              | 129                     | 9  | 89.145     | 75.913         |             |              |
|                         |    |            |                |             |              | 130                     | 10 | 89.167     | 72.752         |             |              |
|                         |    |            |                |             |              | 131                     | 11 | 89.135     | 67.058         |             |              |
|                         |    |            |                |             |              | 132                     | 12 | 88.965     | 64.096         |             |              |
|                         |    |            |                |             |              | 133                     | 13 | 88.807     | 69.448         |             |              |
|                         |    |            |                |             |              | 134                     | 14 | 88.702     | 73.028         |             |              |
|                         |    |            |                |             |              | 135                     | 15 | 88.681     | 73.935         |             |              |
|                         |    |            |                |             |              | 136                     | 16 | 88.672     | 71.959         |             |              |
|                         |    |            |                |             |              | 137                     | 17 | 88.614     | 70.039         |             |              |
|                         |    |            |                |             |              | 138                     | 18 | 88.604     | 69.164         |             |              |
|                         |    |            |                |             |              | 139                     | 19 | 88.595     | 67.559         |             |              |
|                         |    |            |                |             |              | 140                     | 20 | 88.537     | 66.517         |             |              |
|                         |    |            |                |             |              | 141                     | 21 | 88.501     | 65.666         |             |              |
|                         |    |            |                |             |              | 142                     | 22 | 88.494     | 62.963         |             |              |
|                         |    |            |                |             |              | 143                     | 23 | 88.466     | 61.586         |             |              |
|                         |    |            |                |             |              | 144                     | 24 | 88.401     | 58.619         |             |              |
|                         |    |            |                |             |              | 145                     | 25 | 88.318     | 54.279         |             |              |
|                         |    |            |                |             |              | 146                     | 26 | 88.249     | 51.660         |             |              |
|                         |    |            |                |             |              | 147                     | 27 | 88.205     | 50.425         |             |              |
|                         |    |            |                |             |              | 148                     | 28 | 88.177     | 48.797         |             |              |
|                         |    |            |                |             |              | 149                     | 29 | 88.151     | 48.402         |             |              |
|                         |    |            |                |             |              | 150                     | 30 | 88.137     | 48.564         |             |              |
|                         |    |            |                |             |              | 151                     | 31 | 88.136     | 48.905         |             |              |

| BUOY( 9114)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9114)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 88.143     | 49.497         |             |              | 182                     | 1  | 87.459     | 30.854         |             |              |
| 153                     | 2  | 88.142     | 49.171         |             |              | 183                     | 2  | 87.349     | 27.797         |             |              |
| 154                     | 3  | 88.137     | 48.516         |             |              | 184                     | 3  | 87.263     | 27.202         |             |              |
| 155                     | 4  | 88.131     | 47.567         |             |              | 185                     | 4  | 87.138     | 26.631         |             |              |
| 156                     | 5  | 88.134     | 46.725         |             |              | 186                     | 5  | 87.027     | 26.323         |             |              |
| 157                     | 6  | 88.149     | 45.949         |             |              | 187                     | 6  | 86.916     | 25.898         |             |              |
| 158                     | 7  | 88.147     | 45.284         |             |              | 188                     | 7  | 86.868     | 25.686         |             |              |
| 159                     | 8  | 88.149     | 44.518         |             |              | 189                     | 8  | 86.834     | 25.670         |             |              |
| 160                     | 9  | 88.136     | 42.647         |             |              | 190                     | 9  | 86.804     | 25.509         |             |              |
| 161                     | 10 | 88.135     | 40.367         |             |              | 191                     | 10 | 86.781     | 25.714         |             |              |
| 162                     | 11 | 88.099     | 37.565         |             |              | 192                     | 11 | 86.759     | 25.899         |             |              |
| 163                     | 12 | 87.982     | 35.736         |             |              | 193                     | 12 | 86.725     | 25.878         |             |              |
| 164                     | 13 | 87.895     | 34.310         |             |              | 194                     | 13 | 86.684     | 26.190         |             |              |
| 165                     | 14 | 87.826     | 33.294         |             |              | 195                     | 14 | 86.680     | 26.524         |             |              |
| 166                     | 15 | 87.778     | 32.315         |             |              | 196                     | 15 | 86.675     | 26.254         |             |              |
| 167                     | 16 | 87.761     | 31.398         |             |              | 197                     | 16 | 86.656     | 26.557         |             |              |
| 168                     | 17 | 87.759     | 30.828         |             |              | 198                     | 17 | 86.616     | 26.514         |             |              |
| 169                     | 18 | 87.769     | 29.285         |             |              | 199                     | 18 | 86.532     | 26.079         |             |              |
| 170                     | 19 | 87.814     | 30.577         |             |              | 200                     | 19 | 86.477     | 26.175         |             |              |
| 171                     | 20 | 87.848     | 31.214         |             |              | 201                     | 20 | 86.451     | 25.861         |             |              |
| 172                     | 21 | 87.825     | 31.529         |             |              | 202                     | 21 | 86.446     | 25.630         |             |              |
| 173                     | 22 | 87.867     | 32.736         |             |              | 203                     | 22 | 86.414     | 25.365         |             |              |
| 174                     | 23 | 87.884     | 32.984         |             |              | 204                     | 23 | 86.339     | 25.638         |             |              |
| 175                     | 24 | 87.893     | 33.284         |             |              | 205                     | 24 | 86.279     | 25.324         |             |              |
| 176                     | 25 | 87.880     | 33.312         |             |              | 206                     | 25 | 86.271     | 25.670         |             |              |
| 177                     | 26 | 87.851     | 32.395         |             |              | 207                     | 26 | 86.290     | 26.409         |             |              |
| 178                     | 27 | 87.776     | 32.800         |             |              | 208                     | 27 | 86.327     | 27.574         |             |              |
| 179                     | 28 | 87.699     | 33.213         |             |              | 209                     | 28 | 86.321     | 28.973         |             |              |
| 180                     | 29 | 87.635     | 32.272         |             |              | 210                     | 29 | 86.357     | 29.519         |             |              |
| 181                     | 30 | 87.542     | 31.660         |             |              | 211                     | 30 | 86.355     | 29.694         |             |              |
|                         |    |            |                |             |              | 212                     | 31 | 86.363     | 30.290         |             |              |

# BUOY 9114

| BUOY( 9114)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9114)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 213                     | 1  | 86.370     | 31.036         |             |              | 244                     | 1  | 85.938     | 52.591         |             |              |
| 214                     | 2  | 86.327     | 31.663         |             |              | 245                     | 2  | 85.933     | 53.879         |             |              |
| 215                     | 3  | 86.270     | 33.296         |             |              | 246                     | 3  | 85.880     | 54.353         |             |              |
| 216                     | 4  | 86.182     | 34.259         |             |              | 247                     | 4  | 85.866     | 54.679         |             |              |
| 217                     | 5  | 86.089     | 34.760         |             |              | 248                     | 5  | 85.821     | 54.920         |             |              |
| 218                     | 6  | 86.041     | 35.942         |             |              | 249                     | 6  | 85.761     | 55.544         |             |              |
| 219                     | 7  | 85.980     | 36.223         |             |              | 250                     | 7  | 85.749     | 56.038         |             |              |
| 220                     | 8  | 86.015     | 37.453         |             |              | 251                     | 8  | 85.738     | 56.493         |             |              |
| 221                     | 9  | 86.009     | 39.379         |             |              | 252                     | 9  | 85.752     | 56.797         |             |              |
| 222                     | 10 | 86.056     | 40.375         |             |              | 253                     | 10 | 85.743     | 56.802         |             |              |
| 223                     | 11 | 86.157     | 41.660         |             |              | 254                     | 11 | 85.766     | 56.838         |             |              |
| 224                     | 12 | 86.195     | 42.721         |             |              | 255                     | 12 | 85.859     | 56.752         |             |              |
| 225                     | 13 | 86.229     | 43.949         |             |              | 256                     | 13 | 85.928     | 56.539         |             |              |
| 226                     | 14 | 86.285     | 45.182         |             |              | 257                     | 14 | 85.968     | 56.190         |             |              |
| 227                     | 15 | 86.328     | 46.745         |             |              | 258                     | 15 | 85.986     | 56.047         |             |              |
| 228                     | 16 | 86.379     | 48.405         |             |              | 259                     | 16 | 85.971     | 55.482         |             |              |
| 229                     | 17 | 86.353     | 50.215         |             |              | 260                     | 17 | 85.927     | 54.320         |             |              |
| 230                     | 18 | 86.326     | 52.219         |             |              | 261                     | 18 | 85.843     | 53.625         |             |              |
| 231                     | 19 | 86.356     | 52.987         |             |              | 262                     | 19 | 85.765     | 53.203         |             |              |
| 232                     | 20 | 86.408     | 53.480         |             |              | 263                     | 20 | 85.728     | 53.020         |             |              |
| 233                     | 21 | 86.443     | 54.090         |             |              | 264                     | 21 | 85.734     | 52.624         |             |              |
| 234                     | 22 | 86.462     | 55.058         |             |              | 265                     | 22 | 85.748     | 51.010         |             |              |
| 235                     | 23 | 86.494     | 55.446         |             |              | 266                     | 23 | 85.885     | 48.213         |             |              |
| 236                     | 24 | 86.470     | 54.514         |             |              | 267                     | 24 | 85.972     | 47.638         |             |              |
| 237                     | 25 | 86.408     | 53.069         |             |              | 268                     | 25 | 85.944     | 44.315         |             |              |
| 238                     | 26 | 86.323     | 53.212         |             |              | 269                     | 26 | 85.739     | 42.336         |             |              |
| 239                     | 27 | 86.232     | 54.007         |             |              | 270                     | 27 | 85.573     | 42.446         |             |              |
| 240                     | 28 | 86.188     | 54.408         |             |              | 271                     | 28 | 85.558     | 42.522         |             |              |
| 241                     | 29 | 86.084     | 53.776         |             |              | 272                     | 29 | 85.513     | 41.912         |             |              |
| 242                     | 30 | 85.988     | 53.281         |             |              | 273                     | 30 | 85.410     | 41.455         |             |              |
| 243                     | 31 | 85.960     | 52.671         |             |              |                         |    |            |                |             |              |

| BUOY( 9114)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9114)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 85.351     | 41.178         |             |              | 305                     | 1  | 85.170     | 25.755         |             |              |
| 275                     | 2  | 85.327     | 40.346         |             |              | 306                     | 2  | 85.142     | 25.538         |             |              |
| 276                     | 3  | 85.303     | 39.533         |             |              | 307                     | 3  | 85.090     | 25.523         |             |              |
| 277                     | 4  | 85.303     | 38.976         |             |              | 308                     | 4  | 85.075     | 25.360         |             |              |
| 278                     | 5  | 85.374     | 38.170         |             |              | 309                     | 5  | 85.096     | 25.108         |             |              |
| 279                     | 6  | 85.454     | 36.737         |             |              | 310                     | 6  | 85.136     | 24.974         |             |              |
| 280                     | 7  | 85.383     | 34.904         |             |              | 311                     | 7  | 85.199     | 24.900         |             |              |
| 281                     | 8  | 85.310     | 34.016         |             |              | 312                     | 8  | 85.232     | 25.214         |             |              |
| 282                     | 9  | 85.300     | 33.882         |             |              | 313                     | 9  | 85.322     | 24.578         |             |              |
| 283                     | 10 | 85.305     | 33.268         |             |              | 314                     | 10 | 85.321     | 24.746         |             |              |
| 284                     | 11 | 85.271     | 32.464         |             |              | 315                     | 11 | 85.345     | 24.606         |             |              |
| 285                     | 12 | 85.212     | 32.006         |             |              | 316                     | 12 | 85.317     | 22.762         |             |              |
| 286                     | 13 | 85.161     | 31.791         |             |              | 317                     | 13 | 85.294     | 22.304         |             |              |
| 287                     | 14 | 85.157     | 31.768         |             |              | 318                     | 14 | 85.310     | 22.122         |             |              |
| 288                     | 15 | 85.301     | 30.712         |             |              | 319                     | 15 | 85.334     | 21.894         |             |              |
| 289                     | 16 | 85.363     | 29.148         |             |              | 320                     | 16 | 85.336     | 21.925         |             |              |
| 290                     | 17 | 85.340     | 28.328         |             |              | 321                     | 17 | 85.347     | 22.090         |             |              |
| 291                     | 18 | 85.311     | 28.256         |             |              | 322                     | 18 | 85.331     | 21.713         |             |              |
| 292                     | 19 | 85.332     | 29.025         |             |              | 323                     | 19 | 85.313     | 21.574         |             |              |
| 293                     | 20 | 85.307     | 29.943         |             |              | 324                     | 20 | 85.292     | 20.846         |             |              |
| 294                     | 21 | 85.253     | 29.270         |             |              | 325                     | 21 | 85.283     | 19.940         |             |              |
| 295                     | 22 | 85.206     | 28.970         |             |              | 326                     | 22 | 85.324     | 18.982         |             |              |
| 296                     | 23 | 85.147     | 28.210         |             |              | 327                     | 23 | 85.374     | 18.413         |             |              |
| 297                     | 24 | 85.080     | 27.265         |             |              | 328                     | 24 | 85.358     | 17.907         |             |              |
| 298                     | 25 | 85.077     | 26.841         |             |              | 329                     | 25 | 85.325     | 17.915         |             |              |
| 299                     | 26 | 85.147     | 26.966         |             |              | 330                     | 26 | 85.290     | 18.024         |             |              |
| 300                     | 27 | 85.255     | 26.757         |             |              | 331                     | 27 | 85.327     | 17.936         |             |              |
| 301                     | 28 | 85.312     | 26.434         |             |              | 332                     | 28 | 85.400     | 18.070         |             |              |
| 302                     | 29 | 85.301     | 26.125         |             |              | 333                     | 29 | 85.419     | 17.840         |             |              |
| 303                     | 30 | 85.253     | 25.966         |             |              | 334                     | 30 | 85.218     | 16.936         |             |              |
| 304                     | 31 | 85.207     | 25.914         |             |              |                         |    |            |                |             |              |



# BUOY 9114

| BUOY( 9114)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 85.092     | 17.727         |             |              |
| 336                     | 2  | 85.128     | 17.828         |             |              |
| 337                     | 3  | 85.021     | 17.174         |             |              |
| 338                     | 4  | 84.940     | 17.184         |             |              |
| 339                     | 5  | 84.865     | 17.365         |             |              |
| 340                     | 6  | 84.812     | 17.479         |             |              |
| 341                     | 7  | 84.742     | 17.576         |             |              |
| 342                     | 8  | 84.598     | 18.028         |             |              |
| 343                     | 9  | 84.496     | 17.894         |             |              |
| 344                     | 10 | 84.424     | 17.879         |             |              |
| 345                     | 11 | 84.299     | 17.791         |             |              |
| 346                     | 12 | 84.229     | 17.566         |             |              |
| 347                     | 13 | 84.154     | 17.386         |             |              |
| 348                     | 14 | 84.054     | 17.201         |             |              |
| 349                     | 15 | 83.979     | 16.927         |             |              |
| 350                     | 16 | 83.903     | 16.800         |             |              |
| 351                     | 17 | 83.821     | 16.738         |             |              |
| 352                     | 18 | 83.703     | 16.650         |             |              |
| 353                     | 19 | 83.621     | 16.163         |             |              |
| 354                     | 20 | 83.516     | 15.712         |             |              |
| 355                     | 21 | 83.435     | 15.185         |             |              |
| 356                     | 22 | 83.384     | 14.875         |             |              |
| 357                     | 23 | 83.360     | 14.744         |             |              |
| 358                     | 24 | 83.358     | 14.561         |             |              |
| 359                     | 25 | 83.350     | 14.279         |             |              |
| 360                     | 26 | 83.311     | 13.985         |             |              |
| 361                     | 27 | 83.268     | 13.492         |             |              |
| 362                     | 28 | 83.216     | 13.191         |             |              |
| 363                     | 29 | 83.192     | 12.973         |             |              |
| 364                     | 30 | 83.159     | 12.961         |             |              |
| 365                     | 31 | 83.090     | 13.028         |             |              |

# BUOY 9115

| BUOY( 9115)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9115)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 120                     | 30 | 88.940     | 73.691         |             |              | 121                     | 1  | 88.931     | 72.264         |             |              |
|                         |    |            |                |             |              | 122                     | 2  | 88.904     | 70.528         |             |              |
|                         |    |            |                |             |              | 123                     | 3  | 88.883     | 67.991         |             |              |
|                         |    |            |                |             |              | 124                     | 4  | 88.876     | 67.503         |             |              |
|                         |    |            |                |             |              | 125                     | 5  | 88.912     | 68.664         |             |              |
|                         |    |            |                |             |              | 126                     | 6  | 88.982     | 70.747         |             |              |
|                         |    |            |                |             |              | 127                     | 7  | 89.064     | 73.813         |             |              |
|                         |    |            |                |             |              | 128                     | 8  | 89.110     | 76.474         |             |              |
|                         |    |            |                |             |              | 129                     | 9  | 89.143     | 75.888         |             |              |
|                         |    |            |                |             |              | 130                     | 10 | 89.163     | 72.758         |             |              |
|                         |    |            |                |             |              | 131                     | 11 | 89.133     | 67.084         |             |              |
|                         |    |            |                |             |              | 132                     | 12 | 88.964     | 64.184         |             |              |
|                         |    |            |                |             |              | 133                     | 13 | 88.803     | 69.466         |             |              |
|                         |    |            |                |             |              | 134                     | 14 | 88.702     | 73.064         |             |              |
|                         |    |            |                |             |              | 135                     | 15 | 88.680     | 73.916         |             |              |
|                         |    |            |                |             |              | 136                     | 16 | 88.671     | 72.051         |             |              |
|                         |    |            |                |             |              | 137                     | 17 | 88.615     | 70.231         |             |              |
|                         |    |            |                |             |              | 138                     | 18 | 88.603     | 69.192         |             |              |
|                         |    |            |                |             |              | 139                     | 19 | 88.593     | 67.609         |             |              |
|                         |    |            |                |             |              | 140                     | 20 | 88.537     | 66.472         |             |              |
|                         |    |            |                |             |              | 141                     | 21 | 88.500     | 65.712         |             |              |
|                         |    |            |                |             |              | 142                     | 22 | 88.494     | 62.984         |             |              |
|                         |    |            |                |             |              | 143                     | 23 | 88.467     | 61.590         |             |              |
|                         |    |            |                |             |              | 144                     | 24 | 88.402     | 58.606         |             |              |
|                         |    |            |                |             |              | 145                     | 25 | 88.317     | 54.322         |             |              |
|                         |    |            |                |             |              | 146                     | 26 | 88.248     | 51.683         |             |              |
|                         |    |            |                |             |              | 147                     | 27 | 88.204     | 50.465         |             |              |
|                         |    |            |                |             |              | 148                     | 28 | 88.176     | 48.820         |             |              |
|                         |    |            |                |             |              | 149                     | 29 | 88.151     | 48.441         |             |              |
|                         |    |            |                |             |              | 150                     | 30 | 88.138     | 48.608         |             |              |
|                         |    |            |                |             |              | 151                     | 31 | 88.136     | 48.936         |             |              |

| BUOY( 9115)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9115)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 88.143     | 49.524         |             |              | 182                     | 1  | 87.459     | 30.873         |             |              |
| 153                     | 2  | 88.142     | 49.209         |             |              | 183                     | 2  | 87.350     | 27.826         |             |              |
| 154                     | 3  | 88.137     | 48.533         |             |              | 184                     | 3  | 87.262     | 27.255         |             |              |
| 155                     | 4  | 88.132     | 47.608         |             |              | 185                     | 4  | 87.140     | 26.643         |             |              |
| 156                     | 5  | 88.134     | 46.774         |             |              | 186                     | 5  | 87.027     | 26.344         |             |              |
| 157                     | 6  | 88.149     | 45.967         |             |              | 187                     | 6  | 86.915     | 25.903         |             |              |
| 158                     | 7  | 88.147     | 45.339         |             |              | 188                     | 7  | 86.868     | 25.717         |             |              |
| 159                     | 8  | 88.146     | 44.563         |             |              | 189                     | 8  | 86.834     | 25.683         |             |              |
| 160                     | 9  | 88.136     | 42.665         |             |              | 190                     | 9  | 86.804     | 25.519         |             |              |
| 161                     | 10 | 88.135     | 40.406         |             |              | 191                     | 10 | 86.781     | 25.732         |             |              |
| 162                     | 11 | 88.099     | 37.599         |             |              | 192                     | 11 | 86.759     | 25.912         |             |              |
| 163                     | 12 | 87.982     | 35.752         |             |              | 193                     | 12 | 86.725     | 25.895         |             |              |
| 164                     | 13 | 87.895     | 34.325         |             |              | 194                     | 13 | 86.682     | 26.216         |             |              |
| 165                     | 14 | 87.826     | 33.317         |             |              | 195                     | 14 | 86.680     | 26.585         |             |              |
| 166                     | 15 | 87.778     | 32.314         |             |              | 196                     | 15 | 86.675     | 26.281         |             |              |
| 167                     | 16 | 87.761     | 31.427         |             |              | 197                     | 16 | 86.657     | 26.573         |             |              |
| 168                     | 17 | 87.759     | 30.840         |             |              | 198                     | 17 | 86.616     | 26.533         |             |              |
| 169                     | 18 | 87.769     | 29.310         |             |              | 199                     | 18 | 86.532     | 26.087         |             |              |
| 170                     | 19 | 87.815     | 30.620         |             |              | 200                     | 19 | 86.477     | 26.203         |             |              |
| 171                     | 20 | 87.848     | 31.248         |             |              | 201                     | 20 | 86.452     | 25.877         |             |              |
| 172                     | 21 | 87.825     | 31.567         |             |              | 202                     | 21 | 86.446     | 25.627         |             |              |
| 173                     | 22 | 87.866     | 32.751         |             |              | 203                     | 22 | 86.415     | 25.378         |             |              |
| 174                     | 23 | 87.885     | 33.007         |             |              | 204                     | 23 | 86.340     | 25.625         |             |              |
| 175                     | 24 | 87.893     | 33.325         |             |              | 205                     | 24 | 86.279     | 25.363         |             |              |
| 176                     | 25 | 87.880     | 33.303         |             |              | 206                     | 25 | 86.270     | 25.710         |             |              |
| 177                     | 26 | 87.851     | 32.417         |             |              | 207                     | 26 | 86.291     | 26.418         |             |              |
| 178                     | 27 | 87.776     | 32.826         |             |              | 208                     | 27 | 86.327     | 27.590         |             |              |
| 179                     | 28 | 87.699     | 33.241         |             |              | 209                     | 28 | 86.321     | 28.989         |             |              |
| 180                     | 29 | 87.635     | 32.309         |             |              | 210                     | 29 | 86.356     | 29.527         |             |              |
| 181                     | 30 | 87.541     | 31.684         |             |              | 211                     | 30 | 86.354     | 29.722         |             |              |
|                         |    |            |                |             |              | 212                     | 31 | 86.363     | 30.308         |             |              |

# BUOY 9115

| BUOY( 9115)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9115)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 213                     | 1  | 86.370     | 31.063         |             |              | 244                     | 1  | 85.938     | 52.595         |             |              |
| 214                     | 2  | 86.326     | 31.674         |             |              | 245                     | 2  | 85.931     | 53.878         |             |              |
| 215                     | 3  | 86.270     | 33.312         |             |              | 246                     | 3  | 85.879     | 54.396         |             |              |
| 216                     | 4  | 86.182     | 34.276         |             |              | 247                     | 4  | 85.865     | 54.708         |             |              |
| 217                     | 5  | 86.090     | 34.768         |             |              | 248                     | 5  | 85.818     | 54.933         |             |              |
| 218                     | 6  | 86.040     | 35.951         |             |              | 249                     | 6  | 85.758     | 55.582         |             |              |
| 219                     | 7  | 85.981     | 36.220         |             |              | 250                     | 7  | 85.749     | 56.047         |             |              |
| 220                     | 8  | 86.015     | 37.451         |             |              | 251                     | 8  | 85.736     | 56.510         |             |              |
| 221                     | 9  | 86.008     | 39.387         |             |              | 252                     | 9  | 85.752     | 56.813         |             |              |
| 222                     | 10 | 86.056     | 40.385         |             |              | 253                     | 10 | 85.742     | 56.812         |             |              |
| 223                     | 11 | 86.156     | 41.676         |             |              | 254                     | 11 | 85.764     | 56.854         |             |              |
| 224                     | 12 | 86.195     | 42.750         |             |              | 255                     | 12 | 85.858     | 56.755         |             |              |
| 225                     | 13 | 86.229     | 43.963         |             |              | 256                     | 13 | 85.928     | 56.549         |             |              |
| 226                     | 14 | 86.285     | 45.202         |             |              | 257                     | 14 | 85.967     | 56.183         |             |              |
| 227                     | 15 | 86.327     | 46.749         |             |              | 258                     | 15 | 85.984     | 56.052         |             |              |
| 228                     | 16 | 86.380     | 48.400         |             |              | 259                     | 16 | 85.971     | 55.485         |             |              |
| 229                     | 17 | 86.351     | 50.231         |             |              | 260                     | 17 | 85.925     | 54.320         |             |              |
| 230                     | 18 | 86.327     | 52.230         |             |              | 261                     | 18 | 85.843     | 53.630         |             |              |
| 231                     | 19 | 86.355     | 53.004         |             |              | 262                     | 19 | 85.764     | 53.200         |             |              |
| 232                     | 20 | 86.407     | 53.497         |             |              | 263                     | 20 | 85.726     | 53.040         |             |              |
| 233                     | 21 | 86.442     | 54.098         |             |              | 264                     | 21 | 85.734     | 52.637         |             |              |
| 234                     | 22 | 86.463     | 55.067         |             |              | 265                     | 22 | 85.746     | 51.001         |             |              |
| 235                     | 23 | 86.493     | 55.458         |             |              | 266                     | 23 | 85.884     | 48.225         |             |              |
| 236                     | 24 | 86.470     | 54.527         |             |              | 267                     | 24 | 85.971     | 47.641         |             |              |
| 237                     | 25 | 86.408     | 53.085         |             |              | 268                     | 25 | 85.942     | 44.337         |             |              |
| 238                     | 26 | 86.322     | 53.224         |             |              | 269                     | 26 | 85.739     | 42.350         |             |              |
| 239                     | 27 | 86.232     | 54.023         |             |              | 270                     | 27 | 85.572     | 42.469         |             |              |
| 240                     | 28 | 86.186     | 54.430         |             |              | 271                     | 28 | 85.558     | 42.538         |             |              |
| 241                     | 29 | 86.084     | 53.801         |             |              | 272                     | 29 | 85.514     | 41.924         |             |              |
| 242                     | 30 | 85.988     | 53.296         |             |              | 273                     | 30 | 85.410     | 41.466         |             |              |
| 243                     | 31 | 85.960     | 52.697         |             |              |                         |    |            |                |             |              |

| BUOY( 9115)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9115)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 85.350     | 41.174         |             |              | 305                     | 1  | 85.170     | 25.733         |             |              |
| 275                     | 2  | 85.325     | 40.354         |             |              | 306                     | 2  | 85.136     | 25.607         |             |              |
| 276                     | 3  | 85.304     | 39.536         |             |              | 307                     | 3  | 85.090     | 25.545         |             |              |
| 277                     | 4  | 85.301     | 38.983         |             |              | 308                     | 4  | 85.073     | 25.362         |             |              |
| 278                     | 5  | 85.371     | 38.185         |             |              | 309                     | 5  | 85.095     | 25.121         |             |              |
| 279                     | 6  | 85.453     | 36.746         |             |              | 310                     | 6  | 85.135     | 24.976         |             |              |
| 280                     | 7  | 85.383     | 34.919         |             |              | 311                     | 7  | 85.199     | 24.913         |             |              |
| 281                     | 8  | 85.310     | 34.038         |             |              | 312                     | 8  | 85.231     | 25.235         |             |              |
| 282                     | 9  | 85.300     | 33.901         |             |              | 313                     | 9  | 85.322     | 24.593         |             |              |
| 283                     | 10 | 85.304     | 33.273         |             |              | 314                     | 10 | 85.321     | 24.765         |             |              |
| 284                     | 11 | 85.272     | 32.462         |             |              | 315                     | 11 | 85.347     | 24.629         |             |              |
| 285                     | 12 | 85.214     | 32.031         |             |              | 316                     | 12 | 85.317     | 22.770         |             |              |
| 286                     | 13 | 85.161     | 31.812         |             |              | 317                     | 13 | 85.293     | 22.302         |             |              |
| 287                     | 14 | 85.156     | 31.778         |             |              | 318                     | 14 | 85.310     | 22.134         |             |              |
| 288                     | 15 | 85.300     | 30.722         |             |              | 319                     | 15 | 85.334     | 21.902         |             |              |
| 289                     | 16 | 85.362     | 29.165         |             |              | 320                     | 16 | 85.338     | 21.906         |             |              |
| 290                     | 17 | 85.339     | 28.345         |             |              | 321                     | 17 | 85.347     | 22.099         |             |              |
| 291                     | 18 | 85.311     | 28.261         |             |              | 322                     | 18 | 85.333     | 21.751         |             |              |
| 292                     | 19 | 85.332     | 29.007         |             |              | 323                     | 19 | 85.312     | 21.577         |             |              |
| 293                     | 20 | 85.306     | 29.947         |             |              | 324                     | 20 | 85.291     | 20.865         |             |              |
| 294                     | 21 | 85.253     | 29.270         |             |              | 325                     | 21 | 85.282     | 19.957         |             |              |
| 295                     | 22 | 85.206     | 28.979         |             |              | 326                     | 22 | 85.323     | 18.977         |             |              |
| 296                     | 23 | 85.144     | 28.220         |             |              | 327                     | 23 | 85.374     | 18.431         |             |              |
| 297                     | 24 | 85.080     | 27.262         |             |              | 328                     | 24 | 85.358     | 17.939         |             |              |
| 298                     | 25 | 85.077     | 26.854         |             |              | 329                     | 25 | 85.325     | 17.923         |             |              |
| 299                     | 26 | 85.145     | 26.984         |             |              | 330                     | 26 | 85.294     | 17.994         |             |              |
| 300                     | 27 | 85.253     | 26.762         |             |              | 331                     | 27 | 85.326     | 17.964         |             |              |
| 301                     | 28 | 85.312     | 26.438         |             |              | 332                     | 28 | 85.400     | 18.097         |             |              |
| 302                     | 29 | 85.301     | 26.130         |             |              | 333                     | 29 | 85.418     | 17.853         |             |              |
| 303                     | 30 | 85.253     | 25.983         |             |              | 334                     | 30 | 85.218     | 16.960         |             |              |
| 304                     | 31 | 85.205     | 25.907         |             |              |                         |    |            |                |             |              |

# BUOY 9115

| BUOY( 9115)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 85.090     | 17.759         |             |              |
| 336                     | 2  | 85.127     | 17.836         |             |              |
| 343                     | 9  | 84.495     | 17.965         |             |              |
| 344                     | 10 | 84.414     | 17.916         |             |              |
| 345                     | 11 | 84.298     | 17.798         |             |              |
| 346                     | 12 | 84.224     | 17.594         |             |              |
| 347                     | 13 | 84.153     | 17.377         |             |              |
| 348                     | 14 | 84.054     | 17.172         |             |              |
| 349                     | 15 | 83.973     | 16.931         |             |              |
| 350                     | 16 | 83.905     | 16.795         |             |              |
| 351                     | 17 | 83.813     | 16.737         |             |              |
| 352                     | 18 | 83.704     | 16.655         |             |              |
| 353                     | 19 | 83.615     | 16.205         |             |              |
| 354                     | 20 | 83.515     | 15.713         |             |              |
| 355                     | 21 | 83.435     | 15.193         |             |              |
| 359                     | 25 | 83.333     | 14.247         |             |              |
| 360                     | 26 | 83.305     | 13.864         |             |              |
| 361                     | 27 | 83.268     | 13.528         |             |              |

# BUOY 9120

| BUOY( 9120)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9120)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 84.029     | 26.329         |             |              | 32                      | 1  | 82.329     | 15.659         |             |              |
| 2                       | 2  | 84.077     | 26.515         |             |              | 33                      | 2  | 82.321     | 15.358         |             |              |
| 3                       | 3  | 84.096     | 26.414         |             |              | 34                      | 3  | 82.284     | 15.303         |             |              |
| 4                       | 4  | 84.100     | 26.254         |             |              | 35                      | 4  | 82.259     | 15.217         |             |              |
| 5                       | 5  | 84.121     | 25.743         |             |              | 36                      | 5  | 82.252     | 14.895         |             |              |
| 6                       | 6  | 84.111     | 24.737         |             |              | 37                      | 6  | 82.355     | 14.241         |             |              |
| 7                       | 7  | 84.050     | 24.406         |             |              | 38                      | 7  | 82.392     | 14.246         |             |              |
| 8                       | 8  | 84.014     | 24.734         |             |              | 39                      | 8  | 82.437     | 14.076         |             |              |
| 9                       | 9  | 83.929     | 25.075         |             |              | 40                      | 9  | 82.408     | 13.522         |             |              |
| 10                      | 10 | 83.819     | 24.555         |             |              | 41                      | 10 | 82.363     | 13.198         |             |              |
| 11                      | 11 | 83.683     | 24.050         |             |              | 42                      | 11 | 82.349     | 13.036         |             |              |
| 12                      | 12 | 83.611     | 23.468         |             |              | 43                      | 12 | 82.384     | 12.939         |             |              |
| 13                      | 13 | 83.597     | 23.306         |             |              | 44                      | 13 | 82.450     | 13.118         |             |              |
| 14                      | 14 | 83.560     | 22.443         |             |              | 45                      | 14 | 82.441     | 13.193         |             |              |
| 15                      | 15 | 83.465     | 21.790         |             |              | 46                      | 15 | 82.350     | 12.710         |             |              |
| 16                      | 16 | 83.418     | 21.495         |             |              | 47                      | 16 | 82.214     | 12.936         |             |              |
| 17                      | 17 | 83.393     | 21.426         |             |              | 48                      | 17 | 82.246     | 12.826         |             |              |
| 18                      | 18 | 83.355     | 21.305         |             |              | 49                      | 18 | 82.358     | 12.182         |             |              |
| 19                      | 19 | 83.297     | 21.010         |             |              | 50                      | 19 | 82.385     | 11.919         |             |              |
| 20                      | 20 | 83.103     | 21.329         |             |              | 51                      | 20 | 82.263     | 12.110         |             |              |
| 21                      | 21 | 83.020     | 19.859         |             |              | 52                      | 21 | 82.196     | 11.901         |             |              |
| 22                      | 22 | 82.951     | 18.952         |             |              | 53                      | 22 | 82.072     | 11.702         |             |              |
| 23                      | 23 | 82.911     | 17.932         |             |              | 54                      | 23 | 82.115     | 11.027         |             |              |
| 24                      | 24 | 82.861     | 17.213         |             |              | 55                      | 24 | 82.024     | 10.109         |             |              |
| 25                      | 25 | 82.801     | 16.879         |             |              | 56                      | 25 | 82.017     | 9.909          |             |              |
| 26                      | 26 | 82.715     | 16.630         |             |              | 57                      | 26 | 82.005     | 8.880          |             |              |
| 27                      | 27 | 82.661     | 16.473         |             |              | 58                      | 27 | 81.892     | 8.149          |             |              |
| 28                      | 28 | 82.605     | 16.251         |             |              | 59                      | 28 | 81.821     | 8.291          |             |              |
| 29                      | 29 | 82.476     | 16.179         |             |              |                         |    |            |                |             |              |
| 30                      | 30 | 82.374     | 15.925         |             |              |                         |    |            |                |             |              |
| 31                      | 31 | 82.342     | 15.727         |             |              |                         |    |            |                |             |              |

| BUOY( 9120)<br>2003 Mar |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|
| 60                      | 1 | 81.781     | 8.293          |             |              |
| 61                      | 2 | 81.739     | 7.871          |             |              |
| 62                      | 3 | 81.680     | 7.313          |             |              |
| 63                      | 4 | 81.588     | 6.715          |             |              |
| 64                      | 5 | 81.494     | 6.304          |             |              |
| 65                      | 6 | 81.385     | 5.542          |             |              |

# BUOY 9357

| BUOY( 9357)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9357)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 233                     | 21 | 78.017     | 169.370        | 1015.5      | -1.4         | 244                     | 1  | 77.700     | 172.275        | 1017.4      | -2.1         |
| 234                     | 22 | 77.912     | 169.394        | 1013.6      | -0.4         | 245                     | 2  | 77.809     | 173.039        | 1000.3      | -1.4         |
| 235                     | 23 | 77.822     | 169.349        | 1012.3      | -2.2         | 246                     | 3  | 77.733     | 173.779        | 1003.5      | -2.1         |
| 236                     | 24 | 77.781     | 169.401        | 1010.5      | -1.9         | 247                     | 4  | 77.671     | 174.358        | 1001.1      | -2.0         |
| 237                     | 25 | 77.743     | 169.356        | 1009.2      | -2.9         | 248                     | 5  | 77.700     | 174.842        | 994.7       | -1.2         |
| 238                     | 26 | 77.713     | 169.538        | 1002.3      | -1.3         | 249                     | 6  | 77.714     | 175.182        | 989.7       | -3.4         |
| 239                     | 27 | 77.682     | 170.021        | 1001.6      | -2.1         | 250                     | 7  | 77.711     | 175.427        | 986.7       | -5.0         |
| 240                     | 28 | 77.718     | 170.415        | 1007.3      | -1.5         | 251                     | 8  | 77.704     | 175.703        | 982.2       | -4.2         |
| 241                     | 29 | 77.808     | 170.753        | 1008.9      | -1.3         | 252                     | 9  | 77.602     | 175.692        | 983.4       | -4.4         |
| 242                     | 30 | 77.738     | 170.803        | 1019.2      | -2.8         | 253                     | 10 | 77.449     | 175.189        | 994.8       | -3.3         |
| 243                     | 31 | 77.711     | 171.423        | 1019.6      | -0.7*        | 254                     | 11 | 77.294     | 174.965        | 1006.1      | -3.5         |
|                         |    |            |                |             |              | 255                     | 12 | 77.239     | 174.770        | 1020.4      | -7.4         |
|                         |    |            |                |             |              | 256                     | 13 | 77.266     | 174.775        | 1025.7      | -7.3         |
|                         |    |            |                |             |              | 257                     | 14 | 77.315     | 174.874        | 1017.5      | -2.7         |
|                         |    |            |                |             |              | 258                     | 15 | 77.332     | 174.597        | 1024.4      | -4.4         |
|                         |    |            |                |             |              | 259                     | 16 | 77.510     | 174.436        | 1019.3      | -1.8         |
|                         |    |            |                |             |              | 260                     | 17 | 77.593     | 175.096        | 1017.3      | -0.8         |
|                         |    |            |                |             |              | 261                     | 18 | 77.563     | 175.725        | 1016.6      | -1.9         |
|                         |    |            |                |             |              | 262                     | 19 | 77.543     | 176.207        | 1016.0      | -2.2         |
|                         |    |            |                |             |              | 263                     | 20 | 77.549     | 176.594        | 1015.6      | -0.6*        |
|                         |    |            |                |             |              | 264                     | 21 | 77.585     | 176.879        | 1017.2      | -1.8         |
|                         |    |            |                |             |              | 266                     | 23 | 77.514     | 176.694        | 1023.7      | -2.4         |
|                         |    |            |                |             |              | 267                     | 24 | 77.507     | 176.929        | 1018.2      | -3.9         |
|                         |    |            |                |             |              | 268                     | 25 | 77.461     | 177.499        | 1012.4      | -2.5         |
|                         |    |            |                |             |              | 269                     | 26 | 77.408     | 177.960        | 1003.3      | -1.6         |
|                         |    |            |                |             |              | 270                     | 27 | 77.358     | 178.382        | 1012.2      | -1.4         |
|                         |    |            |                |             |              | 271                     | 28 | 77.370     | 179.150        | 1017.3      | -1.9         |
|                         |    |            |                |             |              | 272                     | 29 | 77.458     | 179.419        | 1011.1      | -3.5         |
|                         |    |            |                |             |              | 273                     | 30 | 77.470     | 179.424        | 1008.9      | -6.2         |

| BUOY( 9357)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9357)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 77.411     | 179.526        | 1016.5      | -7.1         | 305                     | 1  | 78.036     | 179.530        | 1030.8      | -8.1         |
| 275                     | 2  | 77.379     | 179.609        | 1012.9      | -9.0         | 306                     | 2  | 78.079     | 179.187        | 1024.0      | -6.0         |
| 276                     | 3  | 77.352     | 179.680        | 1008.5      | -10.2        | 307                     | 3  | 78.139     | 178.858        | 1020.3      | -4.5         |
| 277                     | 4  | 77.366     | 179.844        | 1002.5      | -7.2*        | 309                     | 5  | 78.198     | 178.493        | 1000.8      | -4.9         |
| 278                     | 5  | 77.370     | 179.965        | 1009.3      | -9.0         | 310                     | 6  | 78.099     | 178.630        | 1016.4      | -10.4        |
| 279                     | 6  | 77.430     | -179.573       |             | -4.8*        | 311                     | 7  | 78.045     | 178.590        | 1023.8      | -12.8        |
| 280                     | 7  | 77.476     | -179.225       | 1017.4      | -4.7         | 312                     | 8  | 78.004     | 178.594        | 1020.2      | -11.2        |
| 281                     | 8  | 77.491     | -179.163       | 1013.7      | -6.8         | 313                     | 9  | 77.924     | 178.826        | 1005.3      | -11.5        |
| 282                     | 9  | 77.452     | -179.478       | 1004.6      | -6.9         | 314                     | 10 | 77.850     | 178.519        | 1019.6      | -17.8        |
| 283                     | 10 | 77.468     | -179.790       | 1002.6      | -6.9         | 315                     | 11 | 77.782     | 178.704        | 1018.5      | -9.8         |
| 284                     | 11 | 77.505     | -179.706       | 1012.9      | -7.6         | 316                     | 12 | 77.665     | 178.845        |             | -9.3*        |
| 285                     | 12 | 77.550     | -179.762       | 1012.0      | -5.8         | 317                     | 13 | 77.584     | 178.735        | 1020.4      | -13.0        |
| 287                     | 14 | 77.710     | 179.750        | 1018.2      | -6.3         | 318                     | 14 | 77.496     | 178.626        | 1019.4      | -16.1        |
| 288                     | 15 | 77.749     | 179.465        | 1021.9      | -7.7         | 319                     | 15 | 77.408     | 178.494        | 1016.4      | -15.0        |
| 289                     | 16 | 77.781     | 179.353        | 1029.8      | -7.7         | 320                     | 16 | 77.320     | 178.383        | 1012.5      | -12.2        |
| 290                     | 17 | 77.820     | 178.992        | 1029.9      | -12.3        | 321                     | 17 | 77.200     | 178.380        | 1015.9      | -13.1        |
| 291                     | 18 | 77.773     | 178.870        |             | -8.8*        | 322                     | 18 | 77.129     | 178.272        |             | -13.4*       |
| 292                     | 19 | 77.763     | 178.840        | 1011.0      | -11.7        | 323                     | 19 | 77.121     | 178.008        | 1015.5      | -15.8        |
| 293                     | 20 | 77.796     | 178.750        | 1013.5      | -11.2        | 324                     | 20 | 77.073     | 177.982        | 1014.0      | -13.1        |
| 294                     | 21 | 77.839     | 178.943        | 1021.7      | -12.8        | 326                     | 22 | 77.044     | 178.172        | 1005.8      | -15.2        |
| 295                     | 22 | 77.954     | 178.802        | 1017.6      | -10.5        | 327                     | 23 | 77.012     | 178.537        | 998.4       | -14.5        |
| 296                     | 23 | 77.995     | 178.875        | 1020.0      | -10.1        | 328                     | 24 | 76.921     | 178.939        | 993.8       | -12.5        |
| 297                     | 24 | 78.043     | 179.090        |             | -9.4*        | 329                     | 25 | 76.814     | 178.966        | 1004.7      | -13.6        |
| 298                     | 25 | 78.118     | 179.099        | 1020.7      | -11.5        | 330                     | 26 | 76.695     | 179.113        | 1007.8      | -13.4        |
| 299                     | 26 | 78.244     | 179.190        | 1001.8      | -6.3         | 331                     | 27 | 76.642     | 179.195        | 1003.1      | -17.2        |
| 300                     | 27 | 78.113     | 179.015        | 1009.3      | -7.4         | 332                     | 28 | 76.587     | 179.033        | 999.3       | -18.4        |
| 303                     | 30 | 78.115     | 179.217        | 1001.6      | -7.2         | 333                     | 29 | 76.426     | 178.861        | 997.3       | -18.8*       |
| 304                     | 31 | 78.052     | 179.358        | 1015.6      | -8.3         | 334                     | 30 | 76.309     | 178.784        | 1001.7      | -15.3*       |

# BUOY 9357

| BUOY( 9357)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 76.382     | 178.805        | 1002.3      | -15.9        |
| 336                     | 2  | 76.420     | 179.060        | 1002.6      | -13.6        |
| 337                     | 3  | 76.345     | 179.522        | 1010.1      | -14.1        |
| 338                     | 4  | 76.332     | -179.981       | 1015.1      | -16.6        |
| 339                     | 5  | 76.326     | -179.667       |             | -17.7*       |
| 340                     | 6  | 76.342     | -179.575       | 1013.9      | -16.1        |
| 343                     | 9  | 76.450     | -179.131       | 1020.8      | -13.4        |
| 344                     | 10 | 76.503     | -179.199       | 1020.2      | -12.3        |
| 345                     | 11 | 76.574     | -179.448       | 1014.6      | -12.2        |
| 346                     | 12 | 76.678     | -179.847       | 1008.1      | -12.0        |
| 347                     | 13 | 76.783     | 179.803        | 1006.7      | -12.7        |
| 348                     | 14 | 76.898     | 179.204        | 1008.7      | -12.0        |
| 349                     | 15 | 76.953     | 178.871        | 1017.8      | -15.8        |
| 350                     | 16 | 76.972     | 178.566        | 1022.3      | -17.4        |
| 351                     | 17 | 76.983     | 178.269        | 1023.2      | -17.0        |
| 352                     | 18 | 77.003     | 178.006        | 1022.7      | -16.8        |
| 353                     | 19 | 77.064     | 177.492        | 1018.2      | -15.7        |
| 354                     | 20 | 77.117     | 176.806        | 1007.0      | -15.8        |
| 355                     | 21 | 77.152     | 176.191        | 1006.7      | -15.2        |
| 356                     | 22 | 77.139     | 175.672        | 1005.7      | -20.3        |
| 357                     | 23 | 77.100     | 175.429        | 1008.2      | -17.8        |

# BUOY 9834

| BUOY( 9834)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9834)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 79.898     | 177.125        | 1004.8      | -19.7        | 32                      | 1  | 81.206     | 178.871        | 1010.0      | -29.4        |
| 2                       | 2  | 79.868     | 176.891        | 1015.1      | -27.1        | 33                      | 2  | 81.220     | 178.935        | 1012.3      | -31.2        |
| 3                       | 3  | 79.844     | 176.850        | 1012.5      | -28.7        | 34                      | 3  | 81.276     | 178.980        | 1009.5      | -28.1        |
| 4                       | 4  | 79.836     | 176.574        | 1013.4      | -29.2        | 35                      | 4  | 81.283     | 178.932        | 1007.3      | -32.1        |
| 5                       | 5  | 79.787     | 176.399        | 1001.2      | -26.5        | 36                      | 5  | 81.245     | 179.201        | 1021.9      | -33.7        |
| 6                       | 6  | 79.693     | 176.615        | 973.5       | -23.5        | 37                      | 6  | 81.253     | 179.447        | 1032.5      | -31.3        |
| 7                       | 7  | 79.727     | 177.012        | 976.8       | -25.3        | 38                      | 7  | 81.297     | 179.568        | 1037.2      | -28.1        |
| 8                       | 8  | 79.833     | 177.598        | 1003.0      | -25.2        | 39                      | 8  | 81.317     | 179.549        | 1036.2      | -28.6        |
| 9                       | 9  | 79.925     | 177.890        | 1022.7      | -27.9        | 40                      | 9  | 81.326     | 179.587        | 1029.4      | -27.4        |
| 10                      | 10 | 80.061     | 177.779        | 1021.2      | -23.1        | 41                      | 10 | 81.321     | 179.780        | 1037.2      | -32.6        |
| 11                      | 11 | 80.188     | 177.435        | 1011.2      | -19.0        | 42                      | 11 | 81.349     | 179.877        | 1033.8      | -29.3        |
| 12                      | 12 | 80.351     | 177.166        | 1007.2      | -18.6        | 43                      | 12 | 81.369     | 179.866        | 1033.3      | -29.0        |
| 13                      | 13 | 80.395     | 177.554        | 1024.1      | -25.7        | 44                      | 13 | 81.394     | 179.900        | 1033.0      | -33.3        |
| 14                      | 14 | 80.451     | 177.244        | 1006.3      | -19.2        | 45                      | 14 | 81.422     | 179.886        | 1021.7      | -27.5        |
| 15                      | 15 | 80.565     | 178.381        | 1026.2      | -21.2        | 46                      | 15 | 81.428     | 179.865        | 1025.3      | -23.5        |
| 16                      | 16 | 80.623     | 178.491        |             | -20.8*       | 49                      | 18 | 81.453     | 179.722        | 1026.7      | -26.2        |
| 17                      | 17 | 80.671     | 178.457        | 1026.0      | -26.1        | 50                      | 19 | 81.470     | 179.897        | 1029.2      | -28.9        |
| 18                      | 18 | 80.685     | 178.396        | 1031.0      | -25.5        | 52                      | 21 | 81.501     | 179.990        | 1015.7      | -30.5        |
| 19                      | 19 | 80.774     | 178.197        | 1026.2      | -17.9        | 53                      | 22 | 81.485     | -179.751       | 1012.3      | -32.7        |
| 20                      | 20 | 80.930     | 178.311        | 1022.8      | -16.4        | 54                      | 23 | 81.462     | -179.364       | 1018.8      | -33.6        |
| 21                      | 21 | 81.007     | 178.174        | 1030.2      | -17.9        | 55                      | 24 | 81.455     | -179.139       | 1021.2      | -31.8        |
| 23                      | 23 | 81.037     | 178.506        | 1039.4      | -22.0        | 58                      | 27 | 81.556     | -178.715       | 1017.8      | -27.8        |
| 26                      | 26 | 81.103     | 178.601        | 1013.1      | -15.7        | 59                      | 28 | 81.569     | -178.750       | 1027.4      | -30.9        |
| 27                      | 27 | 81.097     | 178.672        | 1007.0      | -18.7        |                         |    |            |                |             |              |
| 28                      | 28 | 81.069     | 178.812        | 1019.1      | -24.3        |                         |    |            |                |             |              |
| 29                      | 29 | 81.064     | 178.870        | 1028.9      | -26.4        |                         |    |            |                |             |              |
| 30                      | 30 | 81.114     | 178.715        | 1023.0      | -25.3        |                         |    |            |                |             |              |

| BUOY( 9834)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9834)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 81.582     | -178.831       | 1036.6      | -31.7        | 91                      | 1  | 82.149     | -173.809       | 1019.2      | -21.9        |
| 61                      | 2  | 81.603     | -179.047       | 1035.6      | -27.8        | 92                      | 2  | 82.211     | -173.838       | 1014.3      | -22.5        |
| 62                      | 3  | 81.643     | -179.343       | 1023.4      | -23.4        | 93                      | 3  | 82.249     | -173.990       | 1011.1      | -19.9        |
| 63                      | 4  | 81.664     | -179.478       | 1028.9      | -26.8        | 94                      | 4  | 82.271     | -174.128       | 1016.2      | -20.3        |
| 64                      | 5  | 81.667     | -179.601       | 1029.9      | -28.2        | 95                      | 5  | 82.269     | -174.180       | 1021.9      | -19.8        |
| 65                      | 6  | 81.690     | -179.874       | 1010.5      | -24.0        | 96                      | 6  | 82.288     | -174.200       | 1021.5      | -20.9        |
| 66                      | 7  | 81.700     | -179.696       | 1026.2      | -19.9        | 97                      | 7  | 82.350     | -174.506       | 1003.1      | -17.4        |
| 67                      | 8  | 81.666     | -178.997       | 1046.1      | -27.1        | 98                      | 8  | 82.379     | -174.679       | 1001.0      | -16.6        |
| 68                      | 9  | 81.697     | -178.824       | 1039.8      | -24.1        | 99                      | 9  | 82.364     | -174.687       | 1001.7      | -18.0        |
| 69                      | 10 | 81.701     | -178.701       | 1021.6      | -21.4        | 100                     | 10 | 82.333     | -174.505       | 1014.4      | -22.2        |
| 70                      | 11 | 81.618     | -177.893       | 1027.1      | -25.1        | 101                     | 11 | 82.343     | -174.376       | 1026.5      | -24.5        |
| 71                      | 12 | 81.573     | -176.779       | 1012.2      | -23.6        | 102                     | 12 | 82.381     | -174.518       | 1027.4      | -23.4        |
| 72                      | 13 | 81.574     | -175.970       | 996.7       | -21.7        | 103                     | 13 | 82.402     | -174.654       | 1021.3      | -20.4        |
| 73                      | 14 | 81.572     | -175.334       | 1002.2      | -23.4        | 104                     | 14 | 82.424     | -174.904       | 1011.8      | -19.4        |
| 74                      | 15 | 81.605     | -174.720       | 1010.9      | -23.2        | 105                     | 15 | 82.458     | -175.363       | 990.5       | -15.1        |
| 75                      | 16 | 81.669     | -174.397       | 1017.9      | -22.7        | 106                     | 16 | 82.443     | -175.094       | 996.2       | -19.9        |
| 76                      | 17 | 81.724     | -174.314       | 1021.6      | -25.3        | 107                     | 17 | 82.471     | -174.901       | 1005.8      | -21.3        |
| 77                      | 18 | 81.781     | -174.380       | 1025.1      | -28.1        | 108                     | 18 | 82.499     | -174.816       | 1012.1      | -21.1        |
| 78                      | 19 | 81.806     | -174.440       | 1019.8      | -28.8        | 109                     | 19 | 82.506     | -174.753       | 1017.6      | -21.6        |
| 79                      | 20 | 81.812     | -174.417       | 1016.4      | -28.2        | 110                     | 20 | 82.521     | -174.718       | 1026.3      | -21.0        |
| 80                      | 21 | 81.838     | -174.247       | 1014.7      | -24.6        | 111                     | 21 | 82.551     | -174.859       | 1028.8      | -15.9        |
| 81                      | 22 | 81.881     | -174.135       | 1014.3      | -25.3        | 112                     | 22 | 82.581     | -175.115       | 1026.5      | -18.0        |
| 84                      | 25 | 81.920     | -174.183       | 1008.1      | -26.8        | 113                     | 23 | 82.609     | -175.382       | 1026.5      | -16.6        |
| 85                      | 26 | 81.946     | -174.019       | 1008.0      | -22.4        | 114                     | 24 | 82.625     | -175.509       | 1032.8      | -18.5        |
| 86                      | 27 | 81.964     | -173.979       | 1009.8      | -25.3        | 115                     | 25 | 82.646     | -175.739       | 1039.1      | -19.1        |
| 87                      | 28 | 81.989     | -173.946       | 1017.7      | -24.7        | 116                     | 26 | 82.674     | -176.355       | 1031.5      | -15.4        |
| 89                      | 30 | 82.075     | -173.808       | 1018.5      | -18.5        | 117                     | 27 | 82.741     | -177.212       | 1028.0      | -10.4        |
| 90                      | 31 | 82.107     | -173.771       | 1020.3      | -21.1        | 120                     | 30 | 82.877     | -177.861       | 1019.5      | -6.9         |



# BUOY 9834

| BUOY( 9834)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9834)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 82.903     | -177.889       | 1022.5      | -6.4         | 152                     | 1  | 83.920     | -175.077       | 1014.6      | -0.4         |
| 122                     | 2  | 82.988     | -177.857       |             | -5.7*        | 153                     | 2  | 83.928     | -174.867       | 1013.9      | -1.9         |
| 123                     | 3  | 83.073     | -177.674       | 1022.0      | -3.9         | 154                     | 3  | 83.950     | -174.728       | 1016.1      | -0.6         |
| 124                     | 4  | 83.117     | -177.481       | 1026.6      | -3.7         | 155                     | 4  | 83.975     | -174.722       | 1019.0      | 0.3          |
| 125                     | 5  | 83.090     | -177.400       | 1031.1      | -4.2         | 156                     | 5  | 84.003     | -174.531       | 1020.4      | -1.1         |
| 126                     | 6  | 83.025     | -177.517       | 1037.1      | -8.0         | 157                     | 6  | 84.032     | -174.495       | 1019.6      | -2.8         |
| 127                     | 7  | 82.949     | -177.354       | 1025.6      | -7.2         | 158                     | 7  | 84.046     | -174.515       | 1019.2      | -2.4         |
| 128                     | 8  | 82.855     | -177.189       | 1025.1      | -8.4         | 159                     | 8  | 84.048     | -174.538       | 1026.6      | -4.1         |
| 129                     | 9  | 82.813     | -176.886       | 1019.4      | -7.9         | 160                     | 9  | 84.058     | -174.388       | 1026.2      | -4.3         |
| 130                     | 10 | 82.813     | -176.591       | 1014.4      | -6.8         | 161                     | 10 | 84.094     | -173.984       | 1026.2      | -3.8         |
| 131                     | 11 | 82.854     | -176.113       | 1002.6      | -5.3         | 162                     | 11 | 84.170     | -173.847       | 1020.9      | -0.8         |
| 132                     | 12 | 82.928     | -175.396       | 989.8       | -3.2         | 163                     | 12 | 84.274     | -173.591       | 1016.5      | 0.5          |
| 133                     | 13 | 82.949     | -175.003       | 989.7       | -3.6         | 164                     | 13 | 84.385     | -173.342       | 1012.8      | 0.1          |
| 134                     | 14 | 82.996     | -174.693       | 996.7       | -5.2         | 165                     | 14 | 84.480     | -173.529       | 1016.8      | 0.3          |
| 135                     | 15 | 83.059     | -174.855       | 999.6       | -5.8         | 166                     | 15 | 84.543     | -173.863       | 1020.2      | -0.1         |
| 136                     | 16 | 83.107     | -175.087       |             | -5.1*        | 167                     | 16 | 84.572     | -174.127       | 1023.2      | 0.6          |
| 137                     | 17 | 83.177     | -175.282       | 1008.8      | -6.1         | 168                     | 17 | 84.567     | -174.029       | 1024.2      | -0.9         |
| 138                     | 18 | 83.258     | -175.774       | 1008.0      | -6.2         | 169                     | 18 | 84.530     | -173.051       | 1017.2      | -0.1         |
| 139                     | 19 | 83.335     | -176.073       | 1007.0      | -4.9         | 170                     | 19 | 84.463     | -171.810       | 1005.9      | 0.4          |
| 140                     | 20 | 83.388     | -175.883       | 1012.5      | -5.1         | 171                     | 20 | 84.342     | -171.365       | 1010.2      | 0.5          |
| 141                     | 21 | 83.428     | -175.919       | 1016.3      | -1.9         | 172                     | 21 | 84.295     | -170.982       | 998.5       | 0.5          |
| 142                     | 22 | 83.440     | -175.934       | 1018.3      | -1.8         | 173                     | 22 | 84.300     | -171.556       | 1009.7      | 0.2          |
| 143                     | 23 | 83.504     | -175.511       | 1010.5      | -3.7         | 174                     | 23 | 84.262     | -171.704       | 1012.1      | -0.3         |
| 144                     | 24 | 83.639     | -174.800       | 1006.8      | -3.0         | 175                     | 24 | 84.273     | -171.265       | 1008.0      | -0.6         |
| 145                     | 25 | 83.759     | -174.161       | 1010.8      | -3.0         | 176                     | 25 | 84.328     | -171.286       | 1002.0      | 0.4          |
| 146                     | 26 | 83.864     | -173.555       | 1014.3      | -2.6         | 177                     | 26 | 84.388     | -171.415       | 999.8       | 0.4          |
| 147                     | 27 | 83.931     | -173.332       | 1018.4      | -3.3         | 178                     | 27 | 84.477     | -171.244       | 994.9       | -0.1         |
| 148                     | 28 | 83.965     | -173.552       | 1016.1      | -4.8         | 179                     | 28 | 84.549     | -170.939       | 1000.3      | 1.3          |
| 149                     | 29 | 83.975     | -174.236       | 1010.1      | -4.4         | 180                     | 29 | 84.616     | -170.691       | 1007.8      | 0.8          |
| 150                     | 30 | 83.948     | -174.885       | 1009.5      | -4.1         | 181                     | 30 | 84.727     | -170.365       | 1008.9      | 0.9          |
| 151                     | 31 | 83.926     | -175.157       | 1012.9      | -2.0         |                         |    |            |                |             |              |

| BUOY( 9834)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9834)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 84.818     | -170.160       | 1013.1      | 1.3          | 213                     | 1  | 85.507     | -179.353       | 993.6       | -0.6         |
| 183                     | 2  | 84.896     | -170.433       | 1014.0      | 1.5          | 214                     | 2  | 85.499     | -178.137       | 990.9       | 0.2          |
| 184                     | 3  | 84.990     | -171.341       | 1007.1      | 0.9          | 215                     | 3  | 85.478     | -176.590       | 994.0       | 0.1          |
| 185                     | 4  | 85.106     | -172.205       | 1010.9      | 0.8          | 216                     | 4  | 85.450     | -175.064       | 993.8       | -0.7         |
| 186                     | 5  | 85.202     | -172.684       | 1010.6      | 0.8          | 217                     | 5  | 85.473     | -174.340       | 991.8       | -1.7         |
| 187                     | 6  | 85.248     | -172.745       | 1012.4      | 0.7          | 218                     | 6  | 85.456     | -174.133       | 1000.2      | -1.5         |
| 188                     | 7  | 85.289     | -172.879       | 1012.7      | 1.3          | 219                     | 7  | 85.447     | -173.926       | 1009.5      | -1.5         |
| 189                     | 8  | 85.307     | -173.027       | 1015.1      | 1.6          | 220                     | 8  | 85.465     | -173.104       | 1007.8      | -2.3         |
| 190                     | 9  | 85.303     | -173.258       | 1008.6      | 0.9          | 221                     | 9  | 85.467     | -173.101       | 1008.6      | -2.3         |
| 191                     | 10 | 85.364     | -173.413       | 1007.2      | 0.8          | 222                     | 10 | 85.408     | -173.452       | 1011.6      | -0.8         |
| 192                     | 11 | 85.463     | -174.225       | 1000.0      | 0.5          | 223                     | 11 | 85.275     | -174.187       | 1009.1      | -0.1         |
| 193                     | 12 | 85.545     | -175.263       | 1001.7      | 0.7          | 224                     | 12 | 85.201     | -174.720       | 1010.3      | 0.1          |
| 194                     | 13 | 85.580     | -176.148       | 1011.3      | 0.5          | 225                     | 13 | 85.184     | -174.724       | 1006.9      | -0.5         |
| 195                     | 14 | 85.576     | -177.061       | 1020.2      | 0.6          | 226                     | 14 | 85.135     | -174.739       | 1006.1      | -0.6         |
| 196                     | 15 | 85.547     | -176.896       | 1011.6      | 0.1          | 227                     | 15 | 85.086     | -175.023       | 1006.4      | -0.8         |
| 197                     | 16 | 85.514     | -176.128       | 997.1       | 0.2          | 228                     | 16 | 85.042     | -175.119       | 1000.1      | -0.5         |
| 198                     | 17 | 85.459     | -176.020       | 999.4       | -0.2*        | 229                     | 17 | 85.007     | -175.306       | 999.2       | -0.8         |
| 199                     | 18 | 85.502     | -176.199       | 1003.5      | 0.3*         | 230                     | 18 | 85.054     | -175.544       | 1009.5      | -0.4         |
| 200                     | 19 | 85.565     | -176.144       | 1005.8      | -0.4         | 231                     | 19 | 85.091     | -175.225       | 1012.2      | -0.5         |
| 201                     | 20 | 85.597     | -176.538       | 1005.7      | 0.8          | 232                     | 20 | 85.062     | -174.470       | 1008.5      | -2.2         |
| 202                     | 21 | 85.566     | -176.768       | 1007.8      | 0.9*         | 233                     | 21 | 84.999     | -174.329       | 1005.4      | -1.8         |
| 203                     | 22 | 85.627     | -176.300       | 998.5       | -0.2         | 234                     | 22 | 85.001     | -174.462       | 1006.9      | -3.0         |
| 204                     | 23 | 85.689     | -175.620       | 998.3       | 0.4          | 235                     | 23 | 85.007     | -174.793       | 1011.1      | -4.5         |
| 205                     | 24 | 85.767     | -175.734       | 998.1       | 0.6          | 236                     | 24 | 84.996     | -175.593       | 1013.0      | -2.9         |
| 206                     | 25 | 85.787     | -176.826       | 998.7       | 0.0          | 237                     | 25 | 84.949     | -176.729       | 1000.4      | -1.4         |
| 207                     | 26 | 85.751     | -178.451       | 1003.0      | 0.6          | 238                     | 26 | 84.980     | -177.305       | 997.4       | -2.5         |
| 208                     | 27 | 85.629     | -179.241       | 1001.2      | -0.6         | 239                     | 27 | 85.034     | -178.137       | 998.9       | -2.5         |
| 210                     | 29 | 85.586     | 179.629        | 1003.0      | 0.1          | 240                     | 28 | 85.127     | -178.423       | 1006.2      | -3.3         |
| 211                     | 30 | 85.549     | 179.612        | 996.0       | -0.5         | 241                     | 29 | 85.215     | -178.113       | 1006.7      | -2.3         |
|                         |    |            |                |             |              | 242                     | 30 | 85.307     | -177.331       | 1007.0      | -5.1         |
|                         |    |            |                |             |              | 243                     | 31 | 85.364     | -176.651       | 1000.7      | -3.4         |

# BUOY 9834

| BUOY( 9834)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9834)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 85.421     | -176.323       | 987.4       | 0.2          | 274                     | 1  | 85.891     | -174.099       | 1015.8      | -10.0        |
| 245                     | 2  | 85.425     | -175.597       | 995.9       | -2.9         | 275                     | 2  | 85.966     | -174.647       | 1018.4      | -12.9        |
| 246                     | 3  | 85.401     | -176.564       | 985.2       | -4.7         | 276                     | 3  | 86.048     | -175.275       | 1020.4      | -15.4        |
| 247                     | 4  | 85.464     | -175.977       | 991.0       | -5.3         | 277                     | 4  | 86.155     | -177.047       | 1015.6      | -12.8        |
| 248                     | 5  | 85.679     | -176.515       | 990.6       | -3.2         | 278                     | 5  | 86.174     | -179.944       | 1009.7      | -15.9        |
| 249                     | 6  | 85.805     | -176.998       | 998.3       | -2.8         | 281                     | 8  | 86.238     | 178.278        | 1010.0      | -11.4        |
| 250                     | 7  | 85.878     | -178.278       | 1002.6      | -6.7         | 282                     | 9  | 86.304     | 178.109        | 1017.4      | -8.5         |
| 251                     | 8  | 85.875     | 179.982        | 1001.3      | -5.9         | 283                     | 10 | 86.371     | 177.567        | 1023.8      | -9.3         |
| 252                     | 9  | 85.889     | 178.022        | 1006.8      | -3.1         | 284                     | 11 | 86.477     | 176.336        | 1024.1      | -11.7        |
| 253                     | 10 | 85.888     | 176.321        | 1012.7      | -6.1         | 285                     | 12 | 86.570     | 175.449        | 1022.6      | -14.4        |
| 254                     | 11 | 85.850     | 175.165        | 1016.5      | -5.2         | 286                     | 13 | 86.660     | 174.668        | 1025.1      | -11.2        |
| 255                     | 12 | 85.809     | 175.116        | 1019.4      | -8.1         | 287                     | 14 | 86.734     | 174.420        | 1032.3      | -12.2        |
| 256                     | 13 | 85.778     | 175.672        | 1016.5      | -4.7         | 288                     | 15 | 86.761     | 174.597        | 1033.5      | -16.9        |
| 257                     | 14 | 85.756     | 175.970        | 1014.2      | -6.1         | 289                     | 16 | 86.794     | 174.785        | 1040.2      | -17.7        |
| 258                     | 15 | 85.763     | 176.389        | 1017.2      | -5.3         | 290                     | 17 | 86.816     | 174.625        | 1039.7      | -18.6        |
| 259                     | 16 | 85.777     | 177.810        | 1021.8      | -5.6         | 291                     | 18 | 86.756     | 174.048        | 1024.5      | -12.3        |
| 260                     | 17 | 85.917     | 177.451        | 998.5       | -3.9         | 292                     | 19 | 86.730     | 172.941        | 1015.6      | -10.1        |
| 261                     | 18 | 85.880     | 177.696        | 999.6       | -5.3         | 293                     | 20 | 86.796     | 171.699        | 1021.0      | -13.0        |
| 262                     | 19 | 85.907     | 178.563        | 996.4       | -2.9*        | 294                     | 21 | 86.866     | 170.605        | 1015.8      | -12.4        |
| 263                     | 20 | 85.920     | 179.831        | 1007.7      | -3.4         | 295                     | 22 | 86.948     | 170.710        | 1018.9      | -9.2         |
| 264                     | 21 | 85.930     | 179.997        | 1016.1      | -5.4         | 296                     | 23 | 87.038     | 171.422        | 1029.9      | -7.5         |
| 265                     | 22 | 85.936     | -179.641       | 1022.8      | -13.4        | 297                     | 24 | 87.069     | 170.749        |             | -9.0*        |
| 266                     | 23 | 86.006     | -178.846       | 1012.3      | -6.3         | 298                     | 25 | 87.079     | 169.967        | 1016.5      | -9.9         |
| 267                     | 24 | 86.052     | -177.892       | 1003.0      | -4.4         | 299                     | 26 | 87.068     | 169.689        | 1008.4      | -13.1        |
| 268                     | 25 | 85.982     | -177.345       | 995.2       | -7.3         | 300                     | 27 | 87.009     | 169.534        | 1004.9      | -14.0        |
| 269                     | 26 | 85.984     | -176.141       | 982.4       | -2.2         | 301                     | 28 | 86.956     | 169.715        | 1013.4      | -13.9        |
| 270                     | 27 | 85.920     | -174.739       | 985.2       | -2.4         | 302                     | 29 | 86.985     | 169.882        | 1014.0      | -14.6        |
| 271                     | 28 | 85.871     | -173.240       | 1000.6      | -3.5         | 303                     | 30 | 87.028     | 170.160        | 1017.8      | -14.0        |
| 272                     | 29 | 85.858     | -172.652       | 1010.5      | -10.2        | 304                     | 31 | 87.042     | 169.266        | 1019.5      | -14.2        |
| 273                     | 30 | 85.871     | -173.052       | 1014.4      | -13.7        |                         |    |            |                |             |              |

| BUOY( 9834)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY( 9834)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 87.014     | 168.571        | 1027.3      | -14.0        | 335                     | 1  | 86.809     | 166.991        | 977.6       | -13.5        |
| 306                     | 2  | 87.005     | 168.736        | 1030.7      | -19.3        | 336                     | 2  | 86.879     | 165.922        | 978.7       | -17.7        |
| 307                     | 3  | 87.054     | 169.513        | 1025.0      | -17.3        | 337                     | 3  | 86.904     | 164.976        | 982.6       | -23.9        |
| 308                     | 4  | 87.104     | 169.616        | 1022.8      | -15.4        | 338                     | 4  | 86.935     | 164.496        | 984.5       | -27.2        |
| 309                     | 5  | 87.135     | 167.349        | 1018.0      | -13.3        | 339                     | 5  | 86.983     | 164.395        |             | -26.8*       |
| 310                     | 6  | 87.106     | 166.398        | 1018.8      | -18.4        | 340                     | 6  | 87.037     | 164.432        | 996.4       | -28.4        |
| 311                     | 7  | 87.063     | 166.355        | 1021.1      | -17.1        | 341                     | 7  | 87.152     | 164.682        | 988.5       | -20.9        |
| 312                     | 8  | 87.033     | 166.656        | 1011.3      | -12.8        | 342                     | 8  | 87.246     | 164.836        | 996.4       | -20.3        |
| 313                     | 9  | 86.984     | 166.893        | 1009.2      | -13.9        | 343                     | 9  | 87.274     | 164.720        | 1008.3      | -28.1        |
| 314                     | 10 | 86.927     | 167.825        | 1008.4      | -9.7         | 344                     | 10 | 87.351     | 165.175        | 1007.8      | -23.9        |
| 315                     | 11 | 86.813     | 169.156        | 1007.2      | -12.4        | 345                     | 11 | 87.488     | 165.823        | 1002.5      | -17.4        |
| 316                     | 12 | 86.771     | 169.548        | 1018.5      | -14.1        | 346                     | 12 | 87.581     | 166.255        | 1007.9      | -19.2        |
| 317                     | 13 | 86.781     | 169.702        | 1025.2      | -14.5        | 347                     | 13 | 87.668     | 165.934        | 1012.5      | -20.5        |
| 318                     | 14 | 86.777     | 169.751        | 1028.9      | -18.3        | 350                     | 16 | 87.917     | 165.323        | 1012.5      | -24.2        |
| 319                     | 15 | 86.712     | 169.847        | 1025.2      | -16.3        | 351                     | 17 | 88.029     | 166.121        | 1009.2      | -21.9        |
| 320                     | 16 | 86.626     | 169.861        | 1011.9      | -14.4        | 352                     | 18 | 88.156     | 167.373        | 1009.8      | -20.6        |
| 321                     | 17 | 86.668     | 169.841        | 1015.5      | -18.2        | 353                     | 19 | 88.224     | 167.970        | 1025.2      | -22.3        |
| 322                     | 18 | 86.702     | 169.996        | 1022.8      | -18.2        | 354                     | 20 | 88.288     | 167.742        | 1031.9      | -24.9        |
| 323                     | 19 | 86.720     | 169.855        | 1024.2      | -15.8        | 355                     | 21 | 88.306     | 167.109        | 1030.6      | -27.1        |
| 324                     | 20 | 86.729     | 169.722        | 1024.7      | -15.7        | 356                     | 22 | 88.296     | 166.753        | 1027.0      | -27.7        |
| 325                     | 21 | 86.747     | 169.345        | 1019.3      | -16.4        | 357                     | 23 | 88.272     | 166.679        | 1026.4      | -28.2        |
| 326                     | 22 | 86.725     | 168.424        | 1014.8      | -17.4        | 358                     | 24 | 88.260     | 167.367        | 1024.9      | -27.6        |
| 327                     | 23 | 86.690     | 167.774        | 1004.9      | -18.6        | 359                     | 25 | 88.277     | 168.527        | 1026.5      | -26.0        |
| 328                     | 24 | 86.582     | 167.374        | 1003.8      | -16.4        | 360                     | 26 | 88.322     | 169.500        | 1033.7      | -25.0        |
| 329                     | 25 | 86.578     | 167.536        | 1013.0      | -18.5        | 361                     | 27 | 88.403     | 169.457        | 1031.7      | -24.7        |
| 330                     | 26 | 86.610     | 167.560        | 1023.2      | -20.9        | 362                     | 28 | 88.492     | 170.120        | 1031.4      | -25.7        |
| 331                     | 27 | 86.626     | 167.285        | 1020.7      | -23.3        | 363                     | 29 | 88.587     | 170.444        |             | -19.3*       |
| 332                     | 28 | 86.555     | 167.750        | 1002.2      | -18.2        | 364                     | 30 | 88.689     | 171.749        | 1022.2      | -18.4        |
| 333                     | 29 | 86.566     | 167.916        | 995.8       | -14.7        | 365                     | 31 | 88.788     | 171.456        | 1023.5      | -21.3        |
| 334                     | 30 | 86.649     | 167.646        | 991.5       | -14.5        |                         |    |            |                |             |              |

# BUOY 10120

| BUOY(10120)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(10120)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 249                     | 6  | 79.421     | 131.314        |             |              | 278                     | 5  | 79.817     | 134.794        |             |              |
| 250                     | 7  | 79.212     | 131.550        |             |              | 279                     | 6  | 79.709     | 134.493        |             |              |
| 251                     | 8  | 79.080     | 131.554        |             |              | 280                     | 7  | 79.704     | 134.812        |             |              |
| 252                     | 9  | 78.973     | 131.558        |             |              | 281                     | 8  | 79.763     | 135.249        |             |              |
| 253                     | 10 | 78.886     | 131.301        |             |              | 282                     | 9  | 79.796     | 135.369        |             |              |
| 254                     | 11 | 78.882     | 130.906        |             |              | 283                     | 10 | 79.809     | 134.990        |             |              |
| 255                     | 12 | 78.928     | 130.649        |             |              | 284                     | 11 | 79.721     | 134.826        |             |              |
| 256                     | 13 | 78.979     | 130.689        |             |              | 285                     | 12 | 79.685     | 134.852        |             |              |
| 257                     | 14 | 79.052     | 130.865        |             |              | 286                     | 13 | 79.747     | 134.332        |             |              |
| 258                     | 15 | 79.154     | 131.125        |             |              | 287                     | 14 | 79.834     | 133.421        |             |              |
| 259                     | 16 | 79.253     | 131.061        |             |              | 288                     | 15 | 79.870     | 132.585        |             |              |
| 260                     | 17 | 79.286     | 131.346        |             |              | 289                     | 16 | 79.908     | 131.738        |             |              |
| 261                     | 18 | 79.352     | 131.929        |             |              | 290                     | 17 | 79.940     | 130.956        |             |              |
| 262                     | 19 | 79.460     | 132.555        |             |              | 291                     | 18 | 79.953     | 130.197        |             |              |
| 263                     | 20 | 79.467     | 132.844        |             |              | 292                     | 19 | 79.877     | 130.042        |             |              |
| 264                     | 21 | 79.467     | 132.321        |             |              | 293                     | 20 | 79.814     | 130.132        |             |              |
| 265                     | 22 | 79.518     | 132.299        |             |              | 294                     | 21 | 79.824     | 130.321        |             |              |
| 266                     | 23 | 79.619     | 132.687        |             |              | 295                     | 22 | 79.853     | 130.547        |             |              |
| 267                     | 24 | 79.572     | 133.034        |             |              | 296                     | 23 | 79.881     | 130.680        |             |              |
| 268                     | 25 | 79.603     | 133.422        |             |              | 297                     | 24 | 79.902     | 130.558        |             |              |
| 269                     | 26 | 79.565     | 134.344        |             |              | 298                     | 25 | 79.915     | 130.161        |             |              |
| 270                     | 27 | 79.598     | 135.069        |             |              |                         |    |            |                |             |              |
| 271                     | 28 | 79.574     | 135.592        |             |              |                         |    |            |                |             |              |
| 272                     | 29 | 79.519     | 135.769        |             |              |                         |    |            |                |             |              |
| 273                     | 30 | 79.561     | 136.055        |             |              |                         |    |            |                |             |              |

# BUOY 10810

| BUOY(10810)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(10810)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 250                     | 7  | 79.261     | 135.164        |             |              | 278                     | 5  | 80.183     | 139.694        |             |              |
| 251                     | 8  | 79.136     | 135.172        |             |              | 279                     | 6  | 80.102     | 139.326        |             |              |
| 252                     | 9  | 79.004     | 135.113        |             |              | 280                     | 7  | 80.102     | 139.585        |             |              |
| 253                     | 10 | 78.926     | 134.976        |             |              | 281                     | 8  | 80.212     | 139.993        |             |              |
| 254                     | 11 | 78.902     | 134.832        |             |              | 282                     | 9  | 80.297     | 139.944        |             |              |
| 255                     | 12 | 78.945     | 134.765        |             |              | 283                     | 10 | 80.355     | 139.468        |             |              |
| 256                     | 13 | 78.989     | 135.016        |             |              | 284                     | 11 | 80.289     | 139.273        |             |              |
| 257                     | 14 | 78.987     | 135.224        |             |              | 285                     | 12 | 80.253     | 139.253        |             |              |
| 258                     | 15 | 79.096     | 135.268        |             |              | 286                     | 13 | 80.329     | 138.726        |             |              |
| 259                     | 16 | 79.188     | 135.155        |             |              | 287                     | 14 | 80.397     | 138.052        |             |              |
| 260                     | 17 | 79.228     | 135.651        |             |              | 288                     | 15 | 80.408     | 137.355        |             |              |
| 261                     | 18 | 79.307     | 136.418        |             |              | 289                     | 16 | 80.441     | 136.696        |             |              |
| 262                     | 19 | 79.443     | 137.187        |             |              | 290                     | 17 | 80.475     | 135.934        |             |              |
| 263                     | 20 | 79.512     | 137.664        |             |              | 291                     | 18 | 80.491     | 135.189        |             |              |
| 264                     | 21 | 79.566     | 137.660        |             |              | 292                     | 19 | 80.395     | 135.105        |             |              |
| 265                     | 22 | 79.641     | 137.650        |             |              | 293                     | 20 | 80.353     | 135.119        |             |              |
| 266                     | 23 | 79.779     | 137.960        |             |              | 294                     | 21 | 80.373     | 135.202        |             |              |
| 267                     | 24 | 79.793     | 138.170        |             |              | 295                     | 22 | 80.412     | 135.384        |             |              |
| 268                     | 25 | 79.793     | 138.514        |             |              | 296                     | 23 | 80.424     | 135.474        |             |              |
| 269                     | 26 | 79.798     | 139.371        |             |              | 297                     | 24 | 80.429     | 135.269        |             |              |
| 270                     | 27 | 79.869     | 140.090        |             |              | 298                     | 25 | 80.452     | 134.860        |             |              |
| 271                     | 28 | 79.874     | 140.613        |             |              | 299                     | 26 | 80.414     | 134.418        |             |              |
| 272                     | 29 | 79.813     | 140.809        |             |              | 300                     | 27 | 80.390     | 134.322        |             |              |
| 273                     | 30 | 79.805     | 141.204        |             |              | 301                     | 28 | 80.460     | 134.144        |             |              |
|                         |    |            |                |             |              | 302                     | 29 | 80.488     | 134.258        |             |              |
|                         |    |            |                |             |              | 303                     | 30 | 80.434     | 134.066        |             |              |
|                         |    |            |                |             |              | 304                     | 31 | 80.370     | 133.762        |             |              |

| BUOY(10810)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 80.324     | 133.624        |             |              |
| 306                     | 2  | 80.307     | 133.600        |             |              |
| 307                     | 3  | 80.300     | 133.792        |             |              |
| 308                     | 4  | 80.322     | 133.930        |             |              |
| 309                     | 5  | 80.322     | 133.866        |             |              |
| 310                     | 6  | 80.332     | 133.705        |             |              |
| 311                     | 7  | 80.302     | 133.624        |             |              |
| 312                     | 8  | 80.260     | 133.587        |             |              |
| 313                     | 9  | 80.210     | 133.776        |             |              |
| 314                     | 10 | 80.184     | 133.972        |             |              |
| 315                     | 11 | 80.194     | 134.222        |             |              |
| 316                     | 12 | 80.209     | 134.479        |             |              |

# BUOY 15524

| BUOY(15524)<br>2003 Jan | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |        |
|-------------------------|------------|----------------|-------------|--------------|--------|
| 1                       | 1          | 72.905         | -175.349    | 998.0        | -17.1  |
| 2                       | 2          | 72.780         | -175.409    |              | -29.1* |
| 3                       | 3          | 72.663         | -175.526    | 1011.4       | -33.0  |
| 4                       | 4          | 72.605         | -175.508    |              | -34.5* |
| 5                       | 5          | 72.560         | -175.553    | 1001.9       | -34.6  |
| 6                       | 6          | 72.501         | -175.448    | 997.2        | -32.0  |
| 7                       | 7          | 72.511         | -175.299    | 1003.4       | -29.6  |
| 8                       | 8          | 72.573         | -175.172    | 1016.5       | -27.6  |
| 9                       | 9          | 72.701         | -175.216    | 1020.8       | -26.0  |
| 10                      | 10         | 72.768         | -175.651    | 1009.0       | -17.7  |
| 11                      | 11         | 72.871         | -176.080    | 1007.0       | -13.0  |
| 12                      | 12         | 72.842         | -176.070    | 1016.3       | -25.4  |
| 14                      | 14         | 72.837         | -176.206    | 1029.2       | -23.7  |
| 15                      | 15         | 72.819         | -176.350    | 1022.9       | -21.1  |
| 17                      | 17         | 72.913         | -176.724    | 1027.7       | -21.1  |
| 18                      | 18         | 72.966         | -176.916    | 1020.6       | -19.8  |
| 19                      | 19         | 73.060         | -177.476    | 1018.6       | -14.5* |
| 20                      | 20         | 73.221         | -178.068    | 1020.1       | -13.8  |
| 21                      | 21         | 73.247         | -178.326    | 1028.8       | -16.2  |

# BUOY 19577

| BUOY(19577)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19577)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 82.860     | -162.671       | 1008.9      | -32.5        | 32                      | 1  | 83.958     | -157.689       | 1008.9      | -38.0        |
| 2                       | 2  | 82.856     | -162.840       | 1014.8      | -35.7        | 33                      | 2  | 83.966     | -157.570       | 1012.0      | -40.2        |
| 3                       | 3  | 82.842     | -163.383       | 1016.3      | -38.3        | 34                      | 3  | 84.006     | -157.401       | 1016.0      | -37.6        |
| 4                       | 4  | 82.854     | -163.633       | 1014.7      | -40.0        | 35                      | 4  | 84.039     | -157.495       | 1009.8      | -35.1        |
| 5                       | 5  | 82.848     | -163.900       | 1000.2      | -28.4        | 36                      | 5  | 84.039     | -157.495       | 1009.4      | -34.1        |
| 6                       | 6  | 82.817     | -165.034       | 973.7       | -24.2        | 37                      | 6  | 84.039     | -157.495       | 1032.6      | -40.2        |
| 7                       | 7  | 82.852     | -165.005       | 985.5       | -34.2        | 38                      | 7  | 83.981     | -157.123       | 1030.2      | -36.9        |
| 9                       | 9  | 83.124     | -164.741       | 1026.4      | -33.9        | 39                      | 8  | 83.964     | -156.779       | 1034.3      | -37.8        |
| 10                      | 10 | 83.203     | -163.977       | 1030.1      | -28.0        | 40                      | 9  | 83.930     | -156.451       | 1027.8      | -36.3        |
| 11                      | 11 | 83.351     | -163.352       | 1024.7      | -23.5        | 41                      | 10 | 83.904     | -156.236       | 1033.1      | -39.1        |
| 12                      | 12 | 83.505     | -163.134       | 1007.0      | -20.7        | 42                      | 11 | 83.886     | -156.040       | 1035.6      | -39.3        |
| 13                      | 13 | 83.549     | -162.502       | 1020.6      | -27.7        | 45                      | 14 | 83.895     | -155.854       | 1023.3      | -40.6        |
| 14                      | 14 | 83.535     | -162.211       | 1016.6      | -28.0        | 46                      | 15 | 83.896     | -155.423       | 1022.2      | -32.2        |
| 16                      | 16 | 83.624     | -160.792       | 1028.2      | -28.5        | 47                      | 16 | 83.896     | -155.397       | 1019.4      | -25.7        |
| 17                      | 17 | 83.659     | -160.466       | 1020.4      | -28.2        | 48                      | 17 | 83.895     | -155.411       | 1026.6      | -35.9        |
| 18                      | 18 | 83.653     | -160.437       | 1036.8      | -35.7        | 49                      | 18 | 83.894     | -155.427       | 1029.7      | -35.2        |
| 19                      | 19 | 83.684     | -160.467       | 1029.8      | -23.2        | 50                      | 19 | 83.895     | -155.427       | 1022.9      | -33.7        |
| 20                      | 20 | 83.825     | -159.596       | 1026.8      | -22.0*       | 51                      | 20 | 83.919     | -155.017       | 1026.0      | -37.4        |
| 21                      | 21 | 83.899     | -159.469       | 1029.0      | -22.7        | 53                      | 22 | 83.929     | -155.087       | 1005.9      | -39.9        |
| 22                      | 22 | 83.911     | -159.084       | 1034.9      | -30.4        | 54                      | 23 | 83.934     | -155.127       | 1006.3      | -41.4        |
| 23                      | 23 | 83.873     | -158.615       | 1038.0      | -25.0        | 56                      | 25 | 83.892     | -154.874       | 1016.5      | -40.1        |
| 24                      | 24 | 83.896     | -158.289       | 1020.8      | -25.4        | 57                      | 26 | 83.908     | -154.876       | 1015.3      | -35.2        |
| 25                      | 25 | 83.895     | -158.290       | 1025.2      | -35.2        | 58                      | 27 | 83.928     | -154.841       | 1014.9      | -34.0        |
| 26                      | 26 | 83.895     | -158.290       | 1015.3      | -29.8        | 59                      | 28 | 83.939     | -154.821       | 1025.3      | -36.8        |
| 27                      | 27 | 83.905     | -158.340       | 1002.7      | -27.2        |                         |    |            |                |             |              |
| 28                      | 28 | 83.898     | -158.325       | 1013.3      | -37.3        |                         |    |            |                |             |              |
| 29                      | 29 | 83.850     | -158.154       | 1028.7      | -40.5        |                         |    |            |                |             |              |
| 30                      | 30 | 83.866     | -157.990       | 1029.3      | -39.9        |                         |    |            |                |             |              |
| 31                      | 31 | 83.901     | -157.890       | 1014.2      | -31.9        |                         |    |            |                |             |              |

| BUOY(19577)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19577)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 83.948     | -154.821       | 1033.7      | -36.1        | 91                      | 1  | 84.187     | -150.051       | 1020.7      | -24.2        |
| 61                      | 2  | 83.957     | -154.857       |             | -34.3*       | 92                      | 2  | 84.237     | -149.818       | 1016.1      | -27.4        |
| 62                      | 3  | 83.972     | -154.917       | 1032.8      | -32.2        | 93                      | 3  | 84.272     | -149.808       | 1015.4      | -27.2        |
| 63                      | 4  | 84.027     | -155.105       | 1028.6      | -28.5        | 94                      | 4  | 84.307     | -149.911       | 1018.3      | -25.4        |
| 64                      | 5  | 84.033     | -155.159       | 1031.4      | -37.4        | 95                      | 5  | 84.308     | -149.980       | 1019.4      | -28.6        |
| 65                      | 6  | 84.043     | -155.279       | 1025.1      | -31.1        | 96                      | 6  | 84.308     | -149.863       | 1021.5      | -27.1        |
| 66                      | 7  | 84.118     | -155.960       | 1016.5      | -22.8        | 97                      | 7  | 84.347     | -149.862       | 1013.3      | -26.2        |
| 67                      | 8  | 84.060     | -155.806       | 1035.3      | -32.1        | 98                      | 8  | 84.406     | -150.097       | 1004.1      | -23.1        |
| 68                      | 9  | 84.007     | -155.623       | 1044.0      | -35.2        | 99                      | 9  | 84.422     | -150.247       | 999.1       | -23.8        |
| 69                      | 10 | 84.033     | -155.155       | 1009.0      | -26.5        | 100                     | 10 | 84.410     | -150.314       | 1008.4      | -28.9        |
| 70                      | 11 | 83.935     | -155.038       | 1018.1      | -38.5        | 101                     | 11 | 84.397     | -150.186       | 1022.5      | -31.6        |
| 71                      | 12 | 83.916     | -154.696       | 1001.6      | -30.6        | 102                     | 12 | 84.402     | -150.060       | 1027.1      | -31.0        |
| 72                      | 13 | 83.883     | -153.567       |             | -26.2*       | 103                     | 13 | 84.414     | -150.035       | 1026.6      | -27.7        |
| 73                      | 14 | 83.949     | -152.871       | 995.3       | -29.7        | 104                     | 14 | 84.432     | -150.132       | 1019.9      | -23.3        |
| 74                      | 15 | 83.953     | -152.548       | 1007.9      | -30.3        | 105                     | 15 | 84.512     | -150.580       | 1002.0      | -16.9        |
| 75                      | 16 | 84.013     | -151.354       | 1017.2      | -27.8        | 106                     | 16 | 84.572     | -150.981       | 999.2       | -16.4        |
| 76                      | 17 | 84.044     | -151.034       | 1022.7      | -30.0        | 107                     | 17 | 84.609     | -151.083       | 1006.4      | -24.2        |
| 77                      | 18 | 84.048     | -151.011       | 1028.0      | -32.1        | 108                     | 18 | 84.617     | -150.867       | 1011.7      | -25.5        |
| 78                      | 19 | 84.048     | -151.012       | 1017.4      | -32.6        | 109                     | 19 | 84.618     | -150.716       | 1015.0      | -24.0        |
| 79                      | 20 | 84.048     | -151.012       | 1014.4      | -35.3        | 110                     | 20 | 84.614     | -150.521       | 1027.8      | -24.2        |
| 80                      | 21 | 84.048     | -151.012       | 1009.1      | -31.2        | 111                     | 21 | 84.627     | -150.477       | 1032.9      | -22.4        |
| 81                      | 22 | 84.062     | -150.884       | 1011.5      | -29.5        | 112                     | 22 | 84.645     | -150.575       | 1032.9      | -21.3        |
| 82                      | 23 | 84.069     | -150.852       | 1015.8      | -33.1        | 113                     | 23 | 84.671     | -150.724       | 1031.8      | -21.7        |
| 83                      | 24 | 84.073     | -150.872       | 1014.1      | -35.8        | 114                     | 24 | 84.677     | -150.746       | 1035.5      | -21.6        |
| 84                      | 25 | 84.073     | -150.871       | 1011.3      | -36.1*       | 115                     | 25 | 84.681     | -150.800       | 1042.9      | -20.8        |
| 85                      | 26 | 84.073     | -150.869       | 1009.2      | -33.6        | 116                     | 26 | 84.705     | -151.070       | 1045.0      | -19.7        |
| 86                      | 27 | 84.094     | -150.778       | 1009.1      | -31.8        | 117                     | 27 | 84.783     | -151.946       | 1036.9      | -15.9        |
| 87                      | 28 | 84.100     | -150.760       | 1018.1      | -32.4        | 118                     | 28 | 84.857     | -152.191       | 1033.7      | -12.5        |
| 88                      | 29 | 84.117     | -150.672       | 1018.8      | -25.1        | 119                     | 29 | 84.920     | -152.103       | 1025.2      | -9.9         |
| 89                      | 30 | 84.147     | -150.408       | 1017.4      | -22.9        | 120                     | 30 | 84.950     | -152.106       | 1025.0      | -10.7        |
| 90                      | 31 | 84.161     | -150.196       | 1018.4      | -22.6        |                         |    |            |                |             |              |

# BUOY 19577

| BUOY(19577)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19577)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 84.971     | -152.044       | 1024.9      | -11.8        | 153                     | 2  | 85.598     | -144.484       | 1017.2      | -2.7         |
| 122                     | 2  | 85.010     | -151.518       | 1029.7      | -9.1         | 154                     | 3  | 85.604     | -144.320       | 1020.5      | -5.2         |
| 123                     | 3  | 85.072     | -150.864       | 1023.6      | -6.8         | 155                     | 4  | 85.601     | -144.319       | 1022.6      | -3.7*        |
| 124                     | 4  | 85.085     | -150.466       | 1024.9      | -5.2         | 156                     | 5  | 85.568     | -144.345       | 1026.0      | -3.0         |
| 125                     | 5  | 85.048     | -150.463       | 1029.8      | -9.3         | 158                     | 7  | 85.565     | -143.878       | 1024.9      | -4.0         |
| 126                     | 6  | 84.937     | -150.606       | 1026.8      | -14.1        | 159                     | 8  | 85.557     | -143.851       | 1025.1      | -4.5         |
| 127                     | 7  | 84.806     | -150.415       | 1016.7      | -12.4        | 160                     | 9  | 85.540     | -143.583       | 1023.4      | -5.1         |
| 128                     | 8  | 84.689     | -150.586       | 1017.7      | -12.6        | 161                     | 10 | 85.525     | -142.835       | 1026.2      | -5.4         |
| 129                     | 9  | 84.651     | -150.616       | 1018.5      | -10.7        | 162                     | 11 | 85.535     | -142.157       | 1026.0      | -4.5         |
| 130                     | 10 | 84.657     | -150.301       | 1015.5      | -11.9        | 163                     | 12 | 85.591     | -141.825       | 1020.8      | -1.8         |
| 131                     | 11 | 84.709     | -149.648       | 1005.0      | -12.1        | 164                     | 13 | 85.651     | -141.065       | 1018.8      | -0.6         |
| 133                     | 13 | 84.875     | -148.251       | 988.1       | -5.1         | 165                     | 14 | 85.713     | -140.886       | 1021.5      | -3.4         |
| 134                     | 14 | 84.931     | -147.891       | 999.0       | -6.5*        | 166                     | 15 | 85.739     | -140.854       | 1022.4      | 2.6          |
| 135                     | 15 | 84.991     | -147.896       | 1002.8      | -8.7*        | 167                     | 16 | 85.740     | -140.871       | 1022.8      | 4.4          |
| 136                     | 16 | 85.041     | -148.002       | 1006.0      | -8.7         | 168                     | 17 | 85.714     | -140.807       | 1019.5      | 0.7          |
| 137                     | 17 | 85.082     | -147.931       | 1013.2      | -9.0         | 169                     | 18 | 85.628     | -140.043       | 1007.2      | 0.3          |
| 138                     | 18 | 85.141     | -147.883       | 1016.0      | -9.2         | 170                     | 19 | 85.520     | -139.331       | 995.3       | 0.9          |
| 139                     | 19 | 85.225     | -148.015       | 1013.5      | -8.1         | 171                     | 20 | 85.436     | -139.612       | 1003.2      | 1.5          |
| 140                     | 20 | 85.304     | -147.730       | 1014.4      | -6.5         | 172                     | 21 | 85.417     | -139.715       | 1001.8      | 2.9          |
| 141                     | 21 | 85.336     | -147.499       | 1017.3      | -5.7         | 173                     | 22 | 85.434     | -140.161       | 1007.2      | 1.8          |
| 142                     | 22 | 85.334     | -147.443       | 1015.3      | -5.7         | 174                     | 23 | 85.390     | -140.623       | 1009.3      | 1.1          |
| 143                     | 23 | 85.304     | -147.326       | 1011.5      | -7.3         | 175                     | 24 | 85.355     | -140.375       | 1007.9      | -0.3*        |
| 144                     | 24 | 85.338     | -145.813       | 1012.6      | -5.4         | 176                     | 25 | 85.359     | -139.763       | 1007.6      | -0.1         |
| 145                     | 25 | 85.409     | -144.701       | 1014.4      | -4.1         | 177                     | 26 | 85.446     | -139.295       | 1001.9      | 0.8          |
| 146                     | 26 | 85.466     | -143.743       | 1016.4      | -5.1         | 178                     | 27 | 85.516     | -138.502       | 1002.8      | 0.7          |
| 147                     | 27 | 85.509     | -143.224       | 1018.9      | -4.8         | 179                     | 28 | 85.597     | -137.818       | 1005.0      | 0.9          |
|                         |    |            |                |             |              | 180                     | 29 | 85.646     | -137.400       | 1011.3      | 1.8          |
|                         |    |            |                |             |              | 181                     | 30 | 85.702     | -136.428       | 1014.6      | 2.0*         |

| BUOY(19577)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19577)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 85.783     | -135.582       | 1015.1      | 1.1          | 213                     | 1  | 86.716     | -140.191       | 990.3       | -0.8         |
| 183                     | 2  | 85.832     | -135.274       | 1021.0      | 2.5          | 214                     | 2  | 86.694     | -138.584       | 989.2       | 0.1          |
| 184                     | 3  | 85.933     | -135.419       | 1016.6      | 1.3          | 215                     | 3  | 86.707     | -136.738       | 990.1       | 0.0          |
| 185                     | 4  | 86.047     | -135.306       | 1018.0      | 2.3          | 216                     | 4  | 86.704     | -134.808       | 996.4       | -0.5         |
| 186                     | 5  | 86.123     | -135.111       | 1016.5      | 1.7          | 217                     | 5  | 86.759     | -134.079       | 992.1       | -0.8         |
| 187                     | 6  | 86.168     | -134.930       | 1015.4      | 0.8          | 220                     | 8  | 86.755     | -132.528       | 1008.4      | -0.7         |
| 188                     | 7  | 86.208     | -134.781       | 1014.3      | 1.0          | 221                     | 9  | 86.756     | -132.662       | 1006.6      | -1.3         |
| 189                     | 8  | 86.218     | -134.769       | 1015.8      | 2.2          | 222                     | 10 | 86.725     | -134.374       | 1003.1      | -0.5*        |
| 190                     | 9  | 86.256     | -135.296       | 1011.9      | 1.7          | 223                     | 11 | 86.690     | -136.743       | 1001.8      | -0.1         |
| 191                     | 10 | 86.309     | -135.462       | 1011.8      | 1.5          | 224                     | 12 | 86.699     | -137.250       | 1010.1      | -2.2*        |
| 192                     | 11 | 86.390     | -135.562       | 1008.5      | 1.0          | 225                     | 13 | 86.659     | -137.228       | 1003.3      | -0.2         |
| 193                     | 12 | 86.542     | -135.489       | 1007.5      | 0.8          | 226                     | 14 | 86.611     | -137.832       | 1001.3      | -1.2         |
| 195                     | 14 | 86.612     | -136.454       | 1016.3      | 2.1          | 227                     | 15 | 86.583     | -138.536       | 1003.2      | -2.4         |
| 196                     | 15 | 86.567     | -136.879       | 1009.5      | 1.1          | 228                     | 16 | 86.572     | -138.787       | 997.9       | -1.5         |
| 197                     | 16 | 86.556     | -136.175       | 993.7       | 1.5          | 229                     | 17 | 86.605     | -138.527       | 1000.9      | -1.3         |
| 198                     | 17 | 86.572     | -135.962       | 1001.1      | 1.7          | 230                     | 18 | 86.602     | -138.087       | 1010.1      | -2.1         |
| 199                     | 18 | 86.632     | -136.049       | 1005.8      | 1.1          | 231                     | 19 | 86.581     | -137.209       | 1009.8      | -1.4         |
| 200                     | 19 | 86.675     | -135.864       | 1007.9      | 0.8          | 232                     | 20 | 86.551     | -136.823       | 1004.2      | -1.9         |
| 201                     | 20 | 86.660     | -136.566       | 1002.1      | 1.1          | 233                     | 21 | 86.562     | -137.084       | 1003.2      | -2.5         |
| 202                     | 21 | 86.638     | -137.011       | 1006.4      | 2.3          | 234                     | 22 | 86.566     | -136.795       | 1008.6      | -3.0         |
| 204                     | 23 | 86.658     | -135.253       | 1001.0      | 0.6          | 235                     | 23 | 86.605     | -137.922       | 1011.3      | -2.5         |
| 205                     | 24 | 86.710     | -134.549       | 1002.5      | 0.7          | 236                     | 24 | 86.661     | -138.628       |             | -2.1*        |
| 206                     | 25 | 86.769     | -135.404       | 999.8       | 0.6          | 237                     | 25 | 86.743     | -139.846       | 1007.2      | -0.3         |
| 207                     | 26 | 86.845     | -136.580       | 1000.8      | 0.6          | 238                     | 26 | 86.857     | -140.461       | 1004.6      | -1.0         |
| 208                     | 27 | 86.830     | -138.609       | 998.0       | 0.6          | 239                     | 27 | 87.030     | -140.571       | 1010.1      | -2.8         |
| 209                     | 28 | 86.852     | -138.874       | 1003.9      | 0.3          | 240                     | 28 | 87.189     | -140.134       | 1010.0      | -2.9*        |
| 210                     | 29 | 86.889     | -139.532       | 999.7       | 0.0          | 241                     | 29 | 87.280     | -138.252       | 1015.6      | -2.6         |
| 211                     | 30 | 86.842     | -140.362       | 992.2       | -0.6         | 242                     | 30 | 87.390     | -136.176       | 1008.5      | -1.3*        |
| 212                     | 31 | 86.768     | -140.910       | 994.4       | -1.3         | 243                     | 31 | 87.419     | -134.605       | 1003.7      | -6.0         |

# BUOY 19577

| BUOY(19577)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19577)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 87.463     | -133.909       | 992.2       | -4.5         | 274                     | 1  | 88.309     | -117.460       | 1020.6      | -17.7        |
| 245                     | 2  | 87.493     | -134.565       | 996.0       | -7.0         | 275                     | 2  | 88.357     | -116.231       | 1024.7      | -20.2        |
| 246                     | 3  | 87.549     | -135.071       | 990.2       | -3.2         | 276                     | 3  | 88.406     | -114.879       | 1028.6      | -21.8        |
| 247                     | 4  | 87.645     | -133.328       | 998.9       | -6.6         | 277                     | 4  | 88.459     | -114.169       | 1027.4      | -21.5        |
| 248                     | 5  | 87.685     | -132.684       | 998.2       | -4.6         | 278                     | 5  | 88.492     | -115.511       | 1017.8      | -23.0        |
| 249                     | 6  | 87.713     | -132.105       | 1004.4      | -8.0         | 279                     | 6  | 88.495     | -115.100       | 1015.3      | -22.1        |
| 250                     | 7  | 87.728     | -131.988       | 1005.6      | -4.1         | 280                     | 7  | 88.512     | -114.578       | 1011.4      | -18.1        |
| 251                     | 8  | 87.778     | -132.211       | 1009.4      | -3.0         | 281                     | 8  | 88.515     | -113.983       | 1019.0      | -16.0        |
| 252                     | 9  | 87.842     | -132.694       | 1013.4      | -4.4         | 282                     | 9  | 88.579     | -113.591       | 1022.8      | -17.2        |
| 253                     | 10 | 87.905     | -133.168       | 1016.5      | -5.7         | 283                     | 10 | 88.597     | -113.143       | 1029.0      | -18.6        |
| 254                     | 11 | 87.914     | -134.627       | 1015.0      | -7.2         | 284                     | 11 | 88.616     | -112.078       | 1030.1      | -19.1        |
| 256                     | 13 | 87.825     | -136.214       | 1012.3      | -5.0         | 285                     | 12 | 88.644     | -110.864       | 1028.9      | -21.6        |
| 257                     | 14 | 87.772     | -137.153       | 1009.8      | -4.3         | 286                     | 13 | 88.676     | -108.725       | 1031.0      | -18.9*       |
| 258                     | 15 | 87.721     | -137.282       | 1014.0      | -5.9         | 287                     | 14 | 88.671     | -106.364       | 1028.6      | -11.1        |
| 259                     | 16 | 87.702     | -136.768       | 1020.8      | -6.0         | 288                     | 15 | 88.578     | -106.681       | 1028.3      | -11.4        |
| 260                     | 17 | 87.733     | -135.850       | 1008.6      | -8.5         | 290                     | 17 | 88.518     | -106.183       | 1039.2      | -10.2        |
| 261                     | 18 | 87.870     | -135.743       | 996.1       | -4.9         | 291                     | 18 | 88.530     | -108.786       | 1025.9      | -8.7*        |
| 262                     | 19 | 87.870     | -135.301       | 996.3       | -4.5         | 292                     | 19 | 88.569     | -110.092       | 1020.8      | -6.4*        |
| 263                     | 20 | 87.855     | -132.900       | 1006.1      | -4.9         | 293                     | 20 | 88.648     | -108.446       | 1025.5      | -9.4*        |
| 264                     | 21 | 87.865     | -131.380       | 1013.9      | -8.7         | 294                     | 21 | 88.668     | -106.669       | 1020.5      | -12.7        |
| 265                     | 22 | 87.852     | -130.239       | 1019.6      | -10.2        | 295                     | 22 | 88.680     | -103.757       | 1022.1      | -11.6        |
| 266                     | 23 | 87.844     | -126.763       | 1013.8      | -8.9         | 296                     | 23 | 88.652     | -100.536       | 1030.9      | -8.9         |
| 267                     | 24 | 87.900     | -122.936       | 1003.4      | -5.0         | 297                     | 24 | 88.649     | -100.014       | 1031.1      | -8.1         |
| 268                     | 25 | 87.991     | -121.864       | 994.7       | -8.9         | 298                     | 25 | 88.662     | -100.273       | 1019.3      | -9.0         |
| 269                     | 26 | 88.079     | -119.613       | 985.1       | -8.5         | 299                     | 26 | 88.649     | -100.912       | 1006.1      | -10.6        |
| 270                     | 27 | 88.183     | -118.328       | 987.0       | -13.3        | 300                     | 27 | 88.623     | -102.051       | 1002.0      | -13.7        |
| 271                     | 28 | 88.289     | -118.459       | 996.9       | -12.2        | 301                     | 28 | 88.607     | -103.017       | 1008.9      | -12.4        |
| 272                     | 29 | 88.326     | -118.441       | 1006.2      | -13.9        | 302                     | 29 | 88.594     | -102.793       | 1018.4      | -11.8        |
|                         |    |            |                |             |              | 303                     | 30 | 88.606     | -100.703       | 1019.5      | -13.6        |
|                         |    |            |                |             |              | 304                     | 31 | 88.632     | -98.982        | 1023.1      | -14.1        |

| BUOY(19577)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19577)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 88.665     | -97.815        | 1026.6      | -13.3        | 335                     | 1  | 88.696     | -81.266        | 995.3       | -23.8        |
| 306                     | 2  | 88.662     | -97.753        | 1028.3      | -17.1        | 336                     | 2  | 88.779     | -77.214        | 988.1       | -24.4        |
| 307                     | 3  | 88.650     | -97.382        | 1024.6      | -19.1        | 337                     | 3  | 88.830     | -72.240        | 991.4       | -26.7        |
| 308                     | 4  | 88.651     | -95.928        | 1024.7      | -16.0        | 338                     | 4  | 88.864     | -68.819        | 993.7       | -26.7        |
| 309                     | 5  | 88.656     | -96.073        | 1020.6      | -17.6        | 339                     | 5  | 88.870     | -65.002        | 996.4       | -28.8        |
| 310                     | 6  | 88.674     | -97.229        | 1019.0      | -16.6        | 340                     | 6  | 88.852     | -62.226        | 997.5       | -31.7        |
| 311                     | 7  | 88.678     | -97.967        | 1019.2      | -17.0        | 343                     | 9  | 88.692     | -49.747        | 1004.0      | -26.1        |
| 312                     | 8  | 88.687     | -98.280        | 1011.9      | -16.3        | 344                     | 10 | 88.675     | -49.084        | 1009.2      | -29.1        |
| 313                     | 9  | 88.641     | -98.490        | 1004.0      | -15.1        | 345                     | 11 | 88.558     | -45.904        | 999.5       | -20.7        |
| 314                     | 10 | 88.622     | -94.678        | 998.5       | -13.6        | 347                     | 13 | 88.410     | -43.525        | 1014.8      | -23.0        |
| 315                     | 11 | 88.689     | -92.419        | 1007.4      | -19.2        | 348                     | 14 | 88.330     | -41.962        | 1017.0      | -25.0        |
| 316                     | 12 | 88.685     | -91.065        | 1019.6      | -21.9        | 349                     | 15 | 88.268     | -40.889        | 1016.1      | -27.6        |
| 317                     | 13 | 88.680     | -91.087        | 1025.3      | -22.2        | 350                     | 16 | 88.206     | -39.713        | 1014.8      | -28.4        |
| 318                     | 14 | 88.665     | -92.442        | 1024.3      | -20.3        | 351                     | 17 | 88.101     | -38.163        | 1009.9      | -27.4        |
| 319                     | 15 | 88.647     | -95.859        | 1020.9      | -18.4        | 353                     | 19 | 87.903     | -36.652        | 1024.9      | -28.3        |
| 320                     | 16 | 88.654     | -97.877        | 1014.7      | -19.7        | 354                     | 20 | 87.836     | -36.159        | 1032.4      | -29.1        |
| 321                     | 17 | 88.660     | -96.134        | 1017.5      | -22.2        | 355                     | 21 | 87.818     | -36.441        | 1029.2      | -29.8        |
| 322                     | 18 | 88.640     | -93.392        | 1020.1      | -21.4*       | 356                     | 22 | 87.818     | -37.317        | 1023.2      | -28.6        |
| 323                     | 19 | 88.629     | -92.760        | 1024.1      | -22.4        | 357                     | 23 | 87.820     | -38.351        | 1020.2      | -29.0        |
| 324                     | 20 | 88.634     | -92.424        |             | -19.2*       | 358                     | 24 | 87.813     | -39.981        | 1015.8      | -30.7*       |
| 325                     | 21 | 88.642     | -91.979        | 1021.4      | -17.3        | 359                     | 25 | 87.799     | -41.540        | 1021.4      | -32.0*       |
| 326                     | 22 | 88.623     | -92.631        | 1014.2      | -21.9        | 360                     | 26 | 87.715     | -42.333        | 1028.5      | -30.5        |
| 327                     | 23 | 88.588     | -94.557        | 1000.9      | -15.2        | 361                     | 27 | 87.689     | -42.778        | 1034.7      | -27.7        |
| 328                     | 24 | 88.611     | -96.353        | 1003.2      | -13.0        | 362                     | 28 | 87.615     | -42.181        | 1027.3      | -27.9        |
| 329                     | 25 | 88.610     | -96.116        | 1012.8      | -18.5        | 363                     | 29 | 87.558     | -41.827        | 1024.0      | -29.6        |
| 330                     | 26 | 88.618     | -94.323        | 1023.4      | -22.3        | 364                     | 30 | 87.548     | -40.895        | 1025.2      | -27.1        |
| 331                     | 27 | 88.619     | -94.013        | 1013.9      | -25.4        | 365                     | 31 | 87.516     | -40.440        | 1027.6      | -28.5        |
| 332                     | 28 | 88.597     | -95.003        |             | -21.4*       |                         |    |            |                |             |              |
| 333                     | 29 | 88.587     | -92.374        | 997.4       | -21.6        |                         |    |            |                |             |              |
| 334                     | 30 | 88.628     | -88.038        | 1000.4      | -24.3        |                         |    |            |                |             |              |



# BUOY 19578

| BUOY(19578)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19578)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 80.299     | -156.299       | 1002.1      | -34.5        | 32                      | 1  | 81.259     | -152.350       | 1014.0      | -36.4        |
| 2                       | 2  | 80.293     | -156.685       | 1009.4      | -38.7        | 33                      | 2  | 81.270     | -152.262       | 1016.7      | -37.6        |
| 3                       | 3  | 80.282     | -156.850       | 1010.1      | -38.3        | 34                      | 3  | 81.286     | -152.267       | 1019.6      | -40.2        |
| 4                       | 4  | 80.278     | -157.403       | 1008.5      | -31.9        | 35                      | 4  | 81.312     | -152.371       | 1008.2      | -34.4        |
| 5                       | 5  | 80.259     | -157.861       | 987.9       | -25.4        | 36                      | 5  | 81.285     | -152.228       | 1009.6      | -35.2        |
| 6                       | 6  | 80.258     | -157.894       | 981.0       | -30.4        | 37                      | 6  | 81.201     | -151.826       | 1035.5      | -38.6        |
| 7                       | 7  | 80.409     | -157.314       | 991.0       | -34.9        | 38                      | 7  | 81.211     | -151.662       | 1036.0      | -34.0        |
| 8                       | 8  | 80.498     | -156.893       | 1009.9      | -33.8        | 39                      | 8  | 81.191     | -151.538       | 1038.0      | -34.7        |
| 9                       | 9  | 80.523     | -156.448       | 1032.3      | -33.4        | 40                      | 9  | 81.153     | -151.427       | 1032.9      | -33.1        |
| 10                      | 10 | 80.583     | -156.242       | 1035.3      | -28.7        | 41                      | 10 | 81.115     | -151.353       | 1034.5      | -34.5        |
| 11                      | 11 | 80.720     | -156.133       | 1028.6      | -25.7        | 42                      | 11 | 81.091     | -151.245       | 1038.2      | -38.6        |
| 12                      | 12 | 80.899     | -155.965       | 1012.3      | -20.5        | 43                      | 12 | 81.098     | -150.995       | 1031.7      | -34.3        |
| 13                      | 13 | 80.909     | -155.421       | 1023.6      | -29.5        | 44                      | 13 | 81.058     | -150.594       | 1036.1      | -38.2        |
| 14                      | 14 | 80.943     | -155.441       | 1019.1      | -24.3        | 45                      | 14 | 81.089     | -150.389       | 1024.5      | -35.9        |
| 15                      | 15 | 80.988     | -154.480       | 1023.2      | -27.0        | 46                      | 15 | 81.104     | -150.362       | 1024.4      | -32.8        |
| 16                      | 16 | 80.944     | -153.964       | 1031.1      | -29.6        | 47                      | 16 | 81.103     | -150.358       | 1023.7      | -25.3        |
| 17                      | 17 | 80.992     | -153.980       | 1023.2      | -28.3        | 48                      | 17 | 81.085     | -150.324       | 1026.9      | -27.6        |
| 18                      | 18 | 80.987     | -153.992       | 1037.9      | -34.3        | 49                      | 18 | 81.073     | -150.236       | 1032.4      | -32.5        |
| 19                      | 19 | 81.055     | -153.951       | 1039.3      | -24.4        | 51                      | 20 | 81.073     | -149.756       | 1028.2      | -34.1        |
| 20                      | 20 | 81.145     | -153.467       | 1037.4      | -24.0        | 52                      | 21 | 81.095     | -149.787       | 1015.8      | -34.7        |
| 21                      | 21 | 81.224     | -153.354       | 1036.3      | -24.3        | 53                      | 22 | 81.076     | -149.838       | 1008.6      | -34.4        |
| 22                      | 22 | 81.249     | -153.170       | 1039.7      | -29.5        | 54                      | 23 | 81.053     | -149.569       | 1011.3      | -40.0        |
| 24                      | 24 | 81.223     | -152.565       | 1023.9      | -20.6        | 55                      | 24 | 81.029     | -149.473       | 1019.5      | -39.2        |
| 25                      | 25 | 81.219     | -152.586       | 1025.2      | -26.9        | 56                      | 25 | 81.025     | -149.395       | 1020.5      | -37.7        |
| 26                      | 26 | 81.235     | -152.596       | 1017.3      | -22.3        | 57                      | 26 | 81.033     | -149.317       | 1019.5      | -35.4*       |
| 27                      | 27 | 81.237     | -152.548       | 1003.3      | -22.1        | 58                      | 27 | 81.049     | -149.240       | 1021.9      | -33.4        |
| 28                      | 28 | 81.216     | -152.538       | 1011.0      | -28.7        | 59                      | 28 | 81.057     | -149.245       | 1030.8      | -36.1        |
| 29                      | 29 | 81.177     | -152.566       | 1027.0      | -35.5        |                         |    |            |                |             |              |
| 30                      | 30 | 81.184     | -152.577       | 1027.7      | -38.8        |                         |    |            |                |             |              |
| 31                      | 31 | 81.222     | -152.546       | 1016.3      | -32.2        |                         |    |            |                |             |              |

| BUOY(19578)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19578)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 81.066     | -149.282       | 1038.7      | -37.9        | 91                      | 1  | 80.992     | -146.201       | 1029.0      | -23.3        |
| 61                      | 2  | 81.075     | -149.340       | 1041.6      | -38.8        | 92                      | 2  | 81.042     | -146.066       | 1021.9      | -22.3        |
| 62                      | 3  | 81.111     | -149.459       | 1034.5      | -32.1        | 93                      | 3  | 81.076     | -146.105       | 1018.2      | -23.1        |
| 63                      | 4  | 81.144     | -149.561       | 1033.3      | -30.0        | 94                      | 4  | 81.111     | -146.123       | 1018.6      | -25.7        |
| 64                      | 5  | 81.172     | -149.644       | 1029.5      | -27.1        | 95                      | 5  | 81.108     | -146.157       | 1018.4      | -24.8        |
| 65                      | 6  | 81.198     | -149.691       | 1025.9      | -24.8        | 96                      | 6  | 81.078     | -146.031       | 1022.5      | -27.1        |
| 66                      | 7  | 81.245     | -149.380       | 1018.4      | -19.0        | 97                      | 7  | 81.119     | -145.810       | 1016.4      | -22.9        |
| 67                      | 8  | 81.114     | -148.884       | 1036.0      | -28.9        | 98                      | 8  | 81.200     | -145.651       | 1006.5      | -19.4        |
| 68                      | 9  | 81.028     | -148.669       | 1047.6      | -32.5        | 99                      | 9  | 81.228     | -145.577       | 998.7       | -20.6        |
| 69                      | 10 | 81.105     | -148.259       | 1003.7      | -23.7        | 101                     | 11 | 81.200     | -145.472       | 1023.3      | -27.0        |
| 70                      | 11 | 80.918     | -148.256       | 1019.3      | -32.6        | 102                     | 12 | 81.206     | -145.463       | 1031.8      | -28.0        |
| 71                      | 12 | 80.823     | -147.930       | 1011.2      | -32.8        | 103                     | 13 | 81.229     | -145.485       | 1028.2      | -22.1        |
| 72                      | 13 | 80.777     | -147.270       | 1001.7      | -30.6        | 104                     | 14 | 81.272     | -145.620       | 1020.2      | -19.0        |
| 73                      | 14 | 80.841     | -146.882       | 998.8       | -26.4        | 105                     | 15 | 81.365     | -145.911       | 1000.4      | -16.1        |
| 74                      | 15 | 80.865     | -146.837       | 1014.7      | -32.1        | 106                     | 16 | 81.397     | -146.005       | 1001.0      | -16.4        |
| 75                      | 16 | 80.867     | -146.802       | 1022.7      | -31.7        | 107                     | 17 | 81.385     | -145.874       | 1011.4      | -24.1        |
| 76                      | 17 | 80.880     | -146.788       | 1026.9      | -33.4        | 108                     | 18 | 81.392     | -145.678       | 1017.8      | -22.7        |
| 77                      | 18 | 80.884     | -146.782       | 1024.0      | -28.9        | 109                     | 19 | 81.395     | -145.646       | 1021.6      | -21.6        |
| 78                      | 19 | 80.884     | -146.781       | 1019.7      | -33.0        | 110                     | 20 | 81.394     | -145.663       | 1021.6      | -21.0*       |
| 79                      | 20 | 80.884     | -146.780       | 1019.8      | -33.3        | 111                     | 21 | 81.404     | -145.785       | 1030.9      | -20.2        |
| 80                      | 21 | 80.884     | -146.755       | 1018.8      | -33.1        | 112                     | 22 | 81.424     | -146.053       | 1021.6      | -18.5*       |
| 81                      | 22 | 80.897     | -146.682       | 1020.3      | -34.0        | 113                     | 23 | 81.440     | -146.231       | 1028.4      | -20.2        |
| 82                      | 23 | 80.904     | -146.684       | 1019.8      | -34.4        | 114                     | 24 | 81.443     | -146.346       | 1031.7      | -20.3        |
| 83                      | 24 | 80.908     | -146.700       | 1009.5      | -29.4        | 115                     | 25 | 81.447     | -146.545       | 1038.6      | -18.8        |
| 84                      | 25 | 80.906     | -146.632       | 1012.8      | -33.5*       | 116                     | 26 | 81.496     | -146.955       | 1037.1      | -15.9        |
| 85                      | 26 | 80.910     | -146.563       | 1013.0      | -29.6        | 117                     | 27 | 81.609     | -147.325       | 1030.5      | -9.4         |
| 86                      | 27 | 80.924     | -146.479       | 1014.2      | -28.0        | 118                     | 28 | 81.659     | -147.342       | 1033.2      | -5.4         |
| 87                      | 28 | 80.934     | -146.431       | 1023.5      | -28.9        | 119                     | 29 | 81.721     | -147.359       | 1024.5      | -8.8         |
| 88                      | 29 | 80.952     | -146.337       | 1025.2      | -23.9        | 120                     | 30 | 81.751     | -147.454       | 1023.3      | -11.8        |
| 89                      | 30 | 80.960     | -146.271       | 1025.2      | -26.5        |                         |    |            |                |             |              |
| 90                      | 31 | 80.969     | -146.233       | 1026.5      | -25.2        |                         |    |            |                |             |              |

# BUOY 19578

| BUOY(19578)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19578)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 81.758     | -147.370       | 1026.9      | -10.4        | 152                     | 1  | 81.945     | -143.801       | 1016.8      | -4.3         |
| 122                     | 2  | 81.758     | -147.060       | 1033.3      | -8.4         | 153                     | 2  | 81.938     | -143.681       | 1019.4      | -3.3         |
| 123                     | 3  | 81.807     | -146.687       | 1031.7      | -7.0         | 155                     | 4  | 81.944     | -143.715       |             | -2.2*        |
| 124                     | 4  | 81.820     | -146.339       | 1029.2      | -5.4         | 156                     | 5  | 81.899     | -143.690       | 1026.6      | -5.1         |
| 125                     | 5  | 81.781     | -146.296       | 1025.1      | -5.1         | 157                     | 6  | 81.888     | -143.569       | 1028.0      | -4.2         |
| 126                     | 6  | 81.681     | -146.629       |             | -11.5*       | 158                     | 7  | 81.911     | -143.615       | 1022.9      | -3.4         |
| 127                     | 7  | 81.540     | -146.637       | 1017.3      | -11.6        | 159                     | 8  | 81.901     | -143.869       | 1026.3      | -4.1         |
| 128                     | 8  | 81.420     | -146.697       | 1026.2      | -12.6        | 160                     | 9  | 81.891     | -143.872       | 1028.7      | -4.9         |
| 129                     | 9  | 81.363     | -146.774       | 1020.5      | -12.4        | 162                     | 11 | 81.890     | -143.474       | 1029.1      | -4.5         |
| 130                     | 10 | 81.367     | -146.570       | 1019.5      | -12.9        | 163                     | 12 | 81.921     | -142.933       | 1025.7      | -3.9         |
| 131                     | 11 | 81.415     | -146.101       | 1011.2      | -12.2        | 164                     | 13 | 81.951     | -142.472       | 1021.3      | -2.7         |
| 132                     | 12 | 81.485     | -145.363       | 997.8       | -9.8         | 165                     | 14 | 81.981     | -142.360       | 1020.4      | -1.4         |
| 133                     | 13 | 81.569     | -144.560       | 994.9       | -7.6         | 166                     | 15 | 82.001     | -142.432       | 1019.0      | -0.5         |
| 134                     | 14 | 81.647     | -144.072       | 1002.3      | -7.9         | 167                     | 16 | 82.004     | -142.530       | 1019.8      | 0.6          |
| 135                     | 15 | 81.701     | -144.036       | 1003.1      | -7.1         | 168                     | 17 | 81.975     | -142.761       | 1020.6      | 0.7          |
| 136                     | 16 | 81.746     | -144.024       | 1006.9      | -6.0         | 169                     | 18 | 81.900     | -142.780       | 1017.7      | 0.1          |
| 137                     | 17 | 81.768     | -143.817       | 1015.6      | -7.2         | 170                     | 19 | 81.788     | -142.228       | 1004.4      | 0.6          |
| 138                     | 18 | 81.808     | -143.733       | 1017.1      | -7.0         | 171                     | 20 | 81.684     | -141.805       | 998.8       | -0.2         |
| 139                     | 19 | 81.869     | -143.631       | 1016.0      | -6.6         | 172                     | 21 | 81.599     | -141.921       | 1001.1      | -0.8         |
| 140                     | 20 | 81.892     | -143.507       | 1018.0      | -5.8         | 173                     | 22 | 81.599     | -141.963       | 1004.6      | -0.6         |
| 141                     | 21 | 81.914     | -143.609       | 1018.8      | -4.6         | 174                     | 23 | 81.559     | -142.120       | 1010.0      | -0.1         |
| 142                     | 22 | 81.893     | -143.819       | 1018.1      | -4.8         | 175                     | 24 | 81.507     | -142.081       | 1010.7      | -0.5         |
| 145                     | 25 | 81.795     | -142.753       | 1019.7      | -6.5         | 177                     | 26 | 81.618     | -141.379       | 1007.6      | 1.0*         |
| 146                     | 26 | 81.802     | -142.523       |             | -6.3*        | 178                     | 27 | 81.673     | -140.897       | 1008.0      | 0.7          |
| 147                     | 27 | 81.827     | -142.527       | 1021.6      | -5.5         | 179                     | 28 | 81.712     | -140.613       | 1010.0      | 1.3          |
| 148                     | 28 | 81.872     | -142.749       | 1013.5      | -4.4         | 180                     | 29 | 81.724     | -140.121       | 1019.2      | 2.2          |
| 150                     | 30 | 81.957     | -143.454       | 1002.7      | -2.5         | 181                     | 30 | 81.766     | -139.955       | 1019.0      | 1.4          |
| 151                     | 31 | 81.968     | -143.763       | 1009.6      | -3.9         |                         |    |            |                |             |              |

| BUOY(19578)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19578)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 81.852     | -139.680       | 1019.8      | 1.5          | 213                     | 1  | 82.749     | -144.727       | 998.3       | -0.5         |
| 183                     | 2  | 81.915     | -139.772       |             | 1.7*         | 214                     | 2  | 82.731     | -144.063       | 999.4       | 0.2          |
| 189                     | 8  | 82.311     | -140.887       | 1005.2      | 0.9          | 215                     | 3  | 82.726     | -143.037       | 1000.5      | -0.2         |
| 190                     | 9  | 82.349     | -141.281       | 1008.1      | 1.1          | 216                     | 4  | 82.695     | -142.472       | 999.8       | -0.9         |
| 191                     | 10 | 82.357     | -141.317       | 1007.4      | 1.3          | 217                     | 5  | 82.725     | -142.145       | 995.6       | -1.3         |
| 192                     | 11 | 82.411     | -141.263       | 1006.7      | 0.1          | 218                     | 6  | 82.725     | -142.004       | 1001.0      | -2.2         |
| 193                     | 12 | 82.564     | -140.875       | 1006.2      | 0.4          | 219                     | 7  | 82.697     | -142.438       | 1005.6      | -1.8         |
| 194                     | 13 | 82.655     | -140.901       | 1009.1      | 0.8          | 220                     | 8  | 82.610     | -142.708       | 1011.6      | -3.6         |
| 195                     | 14 | 82.713     | -141.233       | 1013.9      | 1.8          | 221                     | 9  | 82.610     | -143.026       | 997.6       | -2.3         |
| 196                     | 15 | 82.674     | -141.710       | 1010.2      | 0.5          | 222                     | 10 | 82.458     | -143.820       | 1001.7      | -0.6         |
| 197                     | 16 | 82.648     | -141.491       | 996.7       | 0.4          | 223                     | 11 | 82.363     | -144.221       | 999.1       | -0.5         |
| 198                     | 17 | 82.613     | -141.292       | 999.7       | 1.1          | 224                     | 12 | 82.319     | -144.741       | 1004.1      | -2.1         |
| 199                     | 18 | 82.640     | -141.351       | 1003.7      | 0.7          | 225                     | 13 | 82.265     | -145.152       | 1005.7      | -3.4         |
| 202                     | 21 | 82.648     | -141.878       | 1008.5      | -0.4         | 226                     | 14 | 82.171     | -145.041       | 1004.3      | -0.6         |
| 203                     | 22 | 82.668     | -141.686       | 1004.1      | -0.1         | 227                     | 15 | 82.121     | -144.921       | 1004.4      | -0.4         |
| 204                     | 23 | 82.675     | -141.434       | 1003.9      | 0.2          | 228                     | 16 | 82.106     | -145.070       | 1001.6      | -3.8         |
| 205                     | 24 | 82.741     | -141.407       | 996.4       | 0.0          | 229                     | 17 | 82.088     | -144.750       | 999.3       | -2.3         |
| 206                     | 25 | 82.806     | -142.079       | 987.1       | 0.2          | 230                     | 18 | 82.075     | -144.684       | 1010.9      | -0.5         |
| 207                     | 26 | 82.909     | -142.912       | 988.0       | 0.3          | 231                     | 19 | 82.057     | -144.611       | 1015.0      | 0.0          |
| 208                     | 27 | 82.914     | -144.064       | 992.9       | -0.3         | 232                     | 20 | 81.987     | -144.393       | 1010.6      | -2.0         |
| 209                     | 28 | 82.940     | -144.382       | 999.7       | -0.1         | 233                     | 21 | 81.879     | -143.893       | 1001.3      | -2.2         |
| 210                     | 29 | 82.949     | -144.586       | 997.2       | -0.2         | 234                     | 22 | 81.850     | -144.111       | 1003.1      | -3.2         |
| 211                     | 30 | 82.924     | -145.004       | 988.3       | 0.2          | 235                     | 23 | 81.844     | -144.288       | 1002.9      | -3.0         |
| 212                     | 31 | 82.803     | -145.377       | 1000.6      | -0.9         | 236                     | 24 | 81.887     | -144.575       | 1003.8      | -0.7         |
|                         |    |            |                |             |              | 237                     | 25 | 81.953     | -145.319       | 1001.0      | -1.9         |
|                         |    |            |                |             |              | 238                     | 26 | 81.967     | -145.449       | 997.2       | -2.7         |
|                         |    |            |                |             |              | 239                     | 27 | 82.027     | -145.019       | 1006.6      | -2.7         |
|                         |    |            |                |             |              | 240                     | 28 | 82.102     | -144.282       | 1017.3      | -2.3         |
|                         |    |            |                |             |              | 241                     | 29 | 82.140     | -143.568       | 1022.0      | -2.4         |
|                         |    |            |                |             |              | 242                     | 30 | 82.195     | -143.034       | 1015.1      | -0.9         |
|                         |    |            |                |             |              | 243                     | 31 | 82.191     | -142.671       | 1011.2      | -5.5         |

# BUOY 19578

| BUOY(19578)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19578)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 82.183     | -141.542       | 1001.8      | -1.0         | 274                     | 1  | 82.532     | -136.489       | 1014.7      | -10.0        |
| 245                     | 2  | 82.103     | -140.357       | 1002.5      | -1.7         | 275                     | 2  | 82.580     | -136.781       | 1020.3      | -17.1        |
| 246                     | 3  | 82.117     | -139.470       | 999.5       | -2.7         | 276                     | 3  | 82.630     | -137.081       | 1024.8      | -22.4        |
| 247                     | 4  | 82.175     | -139.120       | 999.5       | -4.8         | 277                     | 4  | 82.740     | -138.033       | 1005.7      | -14.3*       |
| 248                     | 5  | 82.174     | -139.121       | 1000.4      | -8.2         | 278                     | 5  | 82.841     | -138.880       | 1007.1      | -13.5        |
| 249                     | 6  | 82.190     | -138.848       | 1004.4      | -5.8         | 279                     | 6  | 82.832     | -138.721       | 1016.1      | -15.8        |
| 250                     | 7  | 82.260     | -138.716       | 1001.8      | -7.4         | 280                     | 7  | 82.843     | -138.373       |             | -10.8*       |
| 251                     | 8  | 82.441     | -139.034       | 999.4       | -1.7         | 281                     | 8  | 82.826     | -137.982       | 1020.4      | -14.3        |
| 252                     | 9  | 82.599     | -139.358       | 1002.5      | -2.9         | 282                     | 9  | 82.868     | -137.759       | 1023.8      | -16.9        |
| 253                     | 10 | 82.738     | -140.154       | 1003.8      | -4.5         | 283                     | 10 | 82.904     | -137.892       | 1027.3      | -21.1        |
| 254                     | 11 | 82.765     | -141.194       | 1003.5      | -6.6         | 284                     | 11 | 82.936     | -138.231       | 1025.2      | -22.3        |
| 255                     | 12 | 82.702     | -142.229       | 1010.3      | -4.6         | 285                     | 12 | 82.947     | -138.406       | 1027.7      | -24.3*       |
| 256                     | 13 | 82.592     | -142.574       | 1011.3      | -3.8         | 286                     | 13 | 82.945     | -138.402       | 1031.1      | -26.4*       |
| 257                     | 14 | 82.487     | -142.603       | 1010.7      | -4.1         | 287                     | 14 | 82.946     | -138.431       | 1034.3      | -27.0        |
| 258                     | 15 | 82.380     | -142.482       | 1018.8      | -5.7         | 288                     | 15 | 82.927     | -138.343       | 1037.1      | -24.6        |
| 259                     | 16 | 82.328     | -142.373       | 1028.3      | -5.2         | 289                     | 16 | 82.893     | -138.321       | 1039.5      | -18.5        |
| 260                     | 17 | 82.344     | -141.710       | 1011.8      | -4.2         | 290                     | 17 | 82.845     | -138.982       | 1027.7      | -16.5        |
| 261                     | 18 | 82.363     | -140.713       | 1001.7      | -2.4         | 291                     | 18 | 82.841     | -139.327       | 1017.6      | -17.0        |
| 262                     | 19 | 82.314     | -140.075       | 1010.1      | -3.2         | 292                     | 19 | 82.859     | -139.686       | 1009.2      | -10.2        |
| 263                     | 20 | 82.305     | -139.282       | 1019.6      | -2.9         | 293                     | 20 | 82.898     | -139.366       | 1027.5      | -24.8        |
| 264                     | 21 | 82.373     | -138.779       | 1020.8      | -3.7         | 294                     | 21 | 82.959     | -139.345       | 1022.5      | -19.8        |
| 265                     | 22 | 82.421     | -138.644       | 1023.8      | -5.1         | 295                     | 22 | 82.945     | -139.178       | 1029.1      | -27.4        |
| 266                     | 23 | 82.453     | -138.622       | 1022.5      | -5.3         | 296                     | 23 | 82.941     | -139.182       | 1030.0      | -24.4        |
| 267                     | 24 | 82.502     | -138.358       | 1008.4      | -5.6         | 297                     | 24 | 82.975     | -139.338       | 1027.6      | -18.1        |
| 268                     | 25 | 82.534     | -137.975       | 997.7       | -6.1         | 299                     | 26 | 82.954     | -138.800       | 1014.8      | -17.2        |
| 269                     | 26 | 82.509     | -137.598       | 985.1       | -9.1         | 300                     | 27 | 83.014     | -138.162       | 999.0       | -14.9        |
| 270                     | 27 | 82.550     | -137.344       | 991.5       | -6.6         | 301                     | 28 | 83.092     | -138.484       | 1002.6      | -18.2        |
| 271                     | 28 | 82.485     | -136.883       | 1005.4      | -7.4         | 302                     | 29 | 83.048     | -138.744       | 1024.0      | -23.8        |
| 272                     | 29 | 82.469     | -136.482       | 1011.9      | -3.0         | 303                     | 30 | 83.072     | -138.480       | 1021.6      | -21.6        |
| 273                     | 30 | 82.479     | -136.349       | 1012.8      | -4.6         | 304                     | 31 | 83.189     | -139.067       | 1010.4      | -17.9        |

| BUOY(19578)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19578)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 83.237     | -139.728       | 1019.7      | -17.5        | 335                     | 1  | 83.486     | -149.055       | 996.3       | -33.7        |
| 306                     | 2  | 83.215     | -139.957       | 1030.9      | -26.2        | 336                     | 2  | 83.553     | -148.567       | 986.1       | -31.3        |
| 307                     | 3  | 83.198     | -139.891       | 1031.6      | -25.2        | 337                     | 3  | 83.625     | -148.140       | 988.7       | -28.0        |
| 308                     | 4  | 83.203     | -139.754       | 1027.8      | -29.3        | 338                     | 4  | 83.647     | -147.651       | 997.7       | -31.4        |
| 309                     | 5  | 83.293     | -139.800       | 1010.6      | -19.2        | 339                     | 5  | 83.644     | -146.985       | 1006.2      | -32.6        |
| 310                     | 6  | 83.390     | -141.329       | 1006.7      | -22.3        | 340                     | 6  | 83.677     | -146.204       | 1005.4      | -32.6        |
| 311                     | 7  | 83.341     | -142.184       | 1015.4      | -30.9        | 341                     | 7  | 83.693     | -145.680       | 1009.7      | -29.2        |
| 312                     | 8  | 83.282     | -142.518       | 1009.5      | -32.3        | 342                     | 8  | 83.786     | -144.935       | 1006.7      | -23.0        |
| 313                     | 9  | 83.275     | -142.726       | 1012.0      | -34.5        | 343                     | 9  | 83.843     | -144.480       | 1008.0      | -27.2        |
| 314                     | 10 | 83.224     | -142.903       | 1010.2      | -32.5        | 345                     | 11 | 83.814     | -143.678       | 1020.7      | -23.6        |
| 315                     | 11 | 83.208     | -142.552       | 1001.6      | -23.2        | 346                     | 12 | 83.858     | -143.000       | 1022.1      | -28.7        |
| 316                     | 12 | 83.214     | -142.864       | 1012.2      | -22.4        | 347                     | 13 | 83.896     | -142.816       | 1026.3      | -30.5        |
| 317                     | 13 | 83.183     | -143.380       | 1016.9      | -22.4        | 348                     | 14 | 83.920     | -142.685       | 1028.3      | -31.8        |
| 318                     | 14 | 83.131     | -144.023       | 1014.4      | -21.7        | 349                     | 15 | 83.928     | -142.667       | 1025.6      | -32.5        |
| 319                     | 15 | 83.091     | -144.466       | 1011.8      | -24.6        | 350                     | 16 | 83.912     | -142.552       | 1022.8      | -35.3        |
| 320                     | 16 | 83.110     | -144.493       | 1016.2      | -26.1        | 351                     | 17 | 83.876     | -142.349       | 1023.6      | -35.4        |
| 321                     | 17 | 83.142     | -144.606       | 1017.6      | -24.1        | 352                     | 18 | 83.846     | -141.990       | 1027.3      | -32.1        |
| 322                     | 18 | 83.181     | -145.047       | 1019.4      | -22.3        | 353                     | 19 | 83.844     | -141.708       | 1034.3      | -35.1        |
| 323                     | 19 | 83.185     | -145.336       | 1020.5      | -25.6        | 354                     | 20 | 83.852     | -141.776       | 1029.1      | -33.4        |
| 326                     | 22 | 83.272     | -146.104       | 1008.1      | -26.8        | 355                     | 21 | 83.812     | -142.415       | 1014.0      | -25.4        |
| 327                     | 23 | 83.286     | -147.111       | 990.7       | -24.0        | 358                     | 24 | 83.625     | -145.024       | 1020.2      | -26.5        |
| 328                     | 24 | 83.316     | -146.884       | 1003.1      | -35.2        | 359                     | 25 | 83.575     | -145.238       | 1026.1      | -29.5        |
| 329                     | 25 | 83.340     | -146.873       |             | -30.4*       | 360                     | 26 | 83.561     | -145.229       | 1037.6      | -32.2        |
| 330                     | 26 | 83.389     | -147.953       | 1014.0      | -25.3        | 361                     | 27 | 83.577     | -145.003       | 1042.0      | -34.6        |
| 331                     | 27 | 83.417     | -149.098       |             | -28.9*       | 362                     | 28 | 83.607     | -144.497       | 1040.3      | -26.1        |
| 332                     | 28 | 83.389     | -149.387       | 1003.1      | -34.0        | 363                     | 29 | 83.642     | -143.825       | 1033.9      | -25.0        |
| 333                     | 29 | 83.398     | -149.309       | 1004.1      | -38.0        | 364                     | 30 | 83.681     | -143.294       | 1032.7      | -29.9        |
| 334                     | 30 | 83.431     | -149.263       | 1002.7      | -32.9        | 365                     | 31 | 83.717     | -143.132       | 1031.0      | -33.5        |

# BUOY 19579

| BUOY(19579)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19579)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 2                       | 2  | 74.545     | -171.777       | 1002.4      | -30.0        | 32                      | 1  | 75.394     | -174.999       | 1021.2      | -32.4        |
| 3                       | 3  | 74.426     | -171.851       | 1006.1      | -34.3        | 33                      | 2  | 75.398     | -174.947       | 1020.9      | -33.5        |
| 4                       | 4  | 74.389     | -171.804       | 1004.5      | -37.1        | 34                      | 3  | 75.390     | -174.900       | 1018.1      | -34.7        |
| 5                       | 5  | 74.356     | -171.804       | 997.3       | -35.9        | 35                      | 4  | 75.374     | -174.698       | 1018.4      | -34.4        |
| 6                       | 6  | 74.291     | -171.642       | 992.7       | -34.8        | 36                      | 5  | 75.336     | -174.399       |             | -34.8*       |
| 7                       | 7  | 74.328     | -171.386       | 999.8       | -31.5        | 38                      | 7  | 75.387     | -175.042       | 1031.6      | -26.5        |
| 8                       | 8  | 74.391     | -171.153       | 1019.0      | -29.7        | 39                      | 8  | 75.389     | -175.371       | 1030.0      | -31.1        |
| 9                       | 9  | 74.494     | -171.121       | 1028.6      | -26.9        | 40                      | 9  | 75.376     | -175.433       | 1033.7      | -26.3        |
| 10                      | 10 | 74.615     | -171.743       | 1016.5      | -21.3        | 41                      | 10 | 75.366     | -175.521       | 1036.8      | -26.7        |
| 11                      | 11 | 74.769     | -172.404       | 1009.7      | -16.7        | 42                      | 11 | 75.386     | -175.631       | 1035.5      | -27.2        |
| 12                      | 12 | 74.791     | -172.470       | 1015.8      | -22.8        | 43                      | 12 | 75.410     | -175.638       | 1039.6      | -30.4        |
| 13                      | 13 | 74.772     | -172.736       |             | -16.7*       | 44                      | 13 | 75.485     | -175.665       | 1033.6      | -24.5        |
| 14                      | 14 | 74.829     | -172.745       | 1026.1      | -20.9        | 45                      | 14 | 75.633     | -175.566       | 1022.3      | -18.9        |
| 15                      | 15 | 74.806     | -172.795       | 1030.6      | -23.4        | 46                      | 15 | 75.676     | -175.535       | 1023.4      | -25.3        |
| 18                      | 18 | 74.977     | -173.311       | 1027.4      | -21.0        | 47                      | 16 | 75.677     | -175.609       | 1026.9      | -26.2        |
| 19                      | 19 | 75.063     | -173.783       | 1027.1      | -18.3        | 49                      | 18 | 75.701     | -175.839       | 1031.0      | -25.8        |
| 22                      | 22 | 75.248     | -174.708       | 1047.3      | -21.6        | 50                      | 19 | 75.708     | -175.841       | 1031.1      | -27.5        |
| 23                      | 23 | 75.269     | -174.871       | 1042.0      | -23.3        | 51                      | 20 | 75.730     | -176.019       | 1022.0      | -28.4        |
| 24                      | 24 | 75.376     | -174.857       | 1030.1      | -20.8        | 52                      | 21 | 75.679     | -176.199       | 1013.6      | -27.5        |
| 25                      | 25 | 75.416     | -174.783       | 1023.7      | -20.5        | 53                      | 22 | 75.602     | -175.943       | 1025.3      | -31.8        |
| 26                      | 26 | 75.424     | -174.802       | 1018.7      | -19.3        | 54                      | 23 | 75.606     | -175.645       | 1027.7      | -31.0        |
| 27                      | 27 | 75.413     | -174.867       | 1010.2      | -21.2        | 55                      | 24 | 75.598     | -175.590       | 1029.3      | -33.2        |
| 28                      | 28 | 75.347     | -174.912       | 1021.7      | -27.7*       | 56                      | 25 | 75.603     | -175.602       | 1028.4      | -31.3        |
| 29                      | 29 | 75.334     | -174.957       | 1026.8      | -25.9        | 57                      | 26 | 75.622     | -175.586       | 1030.0      | -29.8        |
| 30                      | 30 | 75.382     | -175.185       | 1019.5      | -25.3        | 58                      | 27 | 75.639     | -175.578       | 1028.6      | -33.0        |
| 31                      | 31 | 75.394     | -175.127       | 1022.2      | -31.4        | 59                      | 28 | 75.638     | -175.707       | 1029.8      | -30.6        |

| BUOY(19579)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19579)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 75.633     | -176.044       | 1031.4      | -27.1        | 91                      | 1  | 76.094     | -175.939       |             | -19.0        |
| 61                      | 2  | 75.663     | -176.500       | 1025.2      | -24.7        | 92                      | 2  | 76.165     | -176.009       | 1011.6      | -20.3        |
| 63                      | 4  | 75.675     | -176.888       | 1020.3      | -21.8        | 93                      | 3  | 76.184     | -176.150       | 1009.8      | -20.3        |
| 64                      | 5  | 75.678     | -176.854       | 1031.3      | -24.5        | 94                      | 4  | 76.209     | -176.139       | 1017.9      | -22.7        |
| 65                      | 6  | 75.789     | -176.969       | 1018.4      | -13.5        | 95                      | 5  | 76.220     | -176.195       | 1020.2      | -21.5        |
| 66                      | 7  | 75.775     | -176.443       | 1043.9      | -21.1        | 96                      | 6  | 76.262     | -176.357       |             | -18.4*       |
| 67                      | 8  | 75.777     | -176.554       | 1044.3      | -17.0        | 97                      | 7  | 76.329     | -176.277       | 1006.4      | -15.7        |
| 68                      | 9  | 75.794     | -176.891       | 1038.1      | -16.9        | 98                      | 8  | 76.352     | -176.122       | 1007.5      | -21.3        |
| 70                      | 11 | 75.724     | -176.243       |             | -26.9*       | 99                      | 9  | 76.337     | -175.847       | 1010.8      | -25.5        |
| 71                      | 12 | 75.703     | -175.952       | 1034.3      | -27.5        | 100                     | 10 | 76.304     | -175.664       | 1022.6      | -26.5        |
| 72                      | 13 | 75.706     | -175.425       | 1015.5      | -23.0        | 101                     | 11 | 76.319     | -175.777       | 1026.0      | -21.5        |
| 73                      | 14 | 75.704     | -174.913       | 1006.9      | -23.6        | 102                     | 12 | 76.383     | -176.027       | 1024.3      | -20.2        |
| 74                      | 15 | 75.687     | -174.963       | 1015.8      | -28.3        | 103                     | 13 | 76.398     | -176.298       | 1013.8      | -19.4        |
| 75                      | 16 | 75.688     | -175.015       | 1017.7      | -28.3        | 104                     | 14 | 76.403     | -176.898       | 998.1       | -13.3        |
| 76                      | 17 | 75.703     | -175.101       | 1018.8      | -28.1        | 105                     | 15 | 76.365     | -177.020       | 1001.6      | -21.5        |
| 77                      | 18 | 75.745     | -175.255       | 1020.9      | -29.3        | 106                     | 16 | 76.306     | -176.876       | 1010.7      | -23.4        |
| 78                      | 19 | 75.760     | -175.352       | 1023.5      | -27.2        | 107                     | 17 | 76.323     | -176.695       | 1016.1      | -22.4        |
| 79                      | 20 | 75.777     | -175.318       | 1025.1      | -27.2        | 108                     | 18 | 76.354     | -176.648       | 1018.2      | -20.7        |
| 80                      | 21 | 75.781     | -175.318       | 1023.2      | -27.0        | 109                     | 19 | 76.358     | -176.735       | 1016.8      | -16.4        |
| 81                      | 22 | 75.794     | -175.390       | 1018.1      | -30.4        | 110                     | 20 | 76.378     | -176.900       | 1020.7      | -14.5        |
| 84                      | 25 | 75.860     | -175.501       | 1018.8      | -23.9*       | 111                     | 21 | 76.404     | -177.102       | 1022.4      | -16.3        |
| 86                      | 27 | 75.906     | -175.387       | 1019.0      | -23.1        | 112                     | 22 | 76.425     | -177.283       | 1022.0      | -17.4        |
| 87                      | 28 | 75.942     | -175.450       | 1021.3      | -20.6        | 113                     | 23 | 76.452     | -177.401       | 1026.0      | -17.2        |
| 88                      | 29 | 75.991     | -175.559       | 1023.1      | -22.6        | 114                     | 24 | 76.478     | -177.609       | 1026.9      | -14.1        |
| 89                      | 30 | 76.029     | -175.678       | 1024.4      | -24.4        | 115                     | 25 | 76.500     | -178.079       | 1020.4      | -14.0        |
| 90                      | 31 | 76.060     | -175.795       | 1025.1      | -22.7        | 116                     | 26 | 76.545     | -178.613       | 1014.0      | -5.8         |
|                         |    |            |                |             |              | 117                     | 27 | 76.623     | -178.826       | 1022.5      | -2.7         |
|                         |    |            |                |             |              | 118                     | 28 | 76.680     | -178.992       | 1020.9      | -2.2         |
|                         |    |            |                |             |              | 119                     | 29 | 76.714     | -179.116       |             | -3.0*        |
|                         |    |            |                |             |              | 120                     | 30 | 76.722     | -179.076       | 1021.8      | -7.4         |

# BUOY 19579

| BUOY(19579)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19579)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 76.778     | -178.994       | 1022.0      | -6.8         | 152                     | 1  | 77.422     | -177.951       | 1014.4      | -4.5         |
| 124                     | 4  | 77.047     | -179.048       | 1031.4      | -4.1         | 153                     | 2  | 77.435     | -178.131       | 1016.5      | -4.6         |
| 125                     | 5  | 77.042     | -179.111       | 1033.6      | -6.4         | 154                     | 3  | 77.433     | -178.229       | 1020.3      | -4.3         |
| 126                     | 6  | 76.998     | -179.392       | 1034.1      | -5.3         | 155                     | 4  | 77.450     | -178.251       | 1021.7      | -5.6         |
| 127                     | 7  | 76.965     | -179.518       | 1033.0      | -6.5*        | 156                     | 5  | 77.512     | -178.431       | 1020.3      | -3.2         |
| 128                     | 8  | 76.899     | -179.580       | 1030.0      | -9.4*        | 157                     | 6  | 77.580     | -178.798       | 1014.7      | 0.1          |
| 129                     | 9  | 76.846     | -179.567       | 1025.3      | -11.0        | 158                     | 7  | 77.588     | -179.050       | 1018.0      | -0.3         |
| 130                     | 10 | 76.831     | -179.534       | 1019.8      | -11.0        | 159                     | 8  | 77.602     | -179.456       | 1016.9      | -1.8         |
| 132                     | 12 | 76.855     | -179.186       | 1001.9      | -7.0         | 160                     | 9  | 77.606     | -179.850       | 1021.0      | -0.6*        |
| 133                     | 13 | 76.869     | -178.759       | 999.6       | -4.8         | 161                     | 10 | 77.673     | 179.888        | 1019.5      | 0.4          |
| 134                     | 14 | 76.863     | -178.593       | 999.0       | -5.4         | 162                     | 11 | 77.778     | 179.793        | 1018.4      | 0.9          |
| 135                     | 15 | 76.859     | -178.297       | 1001.4      | -9.8         | 163                     | 12 | 77.886     | 179.858        | 1016.6      | 0.5          |
| 136                     | 16 | 76.909     | -177.955       | 1001.0      | -9.6         | 164                     | 13 | 77.999     | 179.908        | 1011.8      | 0.9          |
| 138                     | 18 | 77.082     | -177.289       | 1008.6      | -7.9         | 165                     | 14 | 78.097     | 179.863        | 1008.8      | 0.7          |
| 139                     | 19 | 77.162     | -177.123       | 1010.8      | -4.4         | 166                     | 15 | 78.164     | 179.602        | 1009.3      | 0.6          |
| 140                     | 20 | 77.215     | -177.307       | 1009.3      | -2.2         | 167                     | 16 | 78.232     | 179.143        | 1017.5      | -0.9         |
| 141                     | 21 | 77.231     | -177.493       | 1015.7      | -1.9         | 168                     | 17 | 78.279     | 178.661        | 1026.1      | -0.4         |
| 142                     | 22 | 77.227     | -177.615       | 1021.3      | -4.7         | 169                     | 18 | 78.266     | 178.529        | 1030.7      | 2.6          |
| 143                     | 23 | 77.306     | -177.652       |             | -3.5*        | 170                     | 19 | 78.252     | 178.682        | 1023.2      | 0.7          |
| 144                     | 24 | 77.429     | -177.644       | 1010.0      | -2.4         | 171                     | 20 | 78.208     | 178.931        |             | 0.0*         |
| 145                     | 25 | 77.515     | -177.626       | 1015.5      | -4.8         | 172                     | 21 | 78.153     | 179.235        | 1009.9      | -0.5         |
| 146                     | 26 | 77.563     | -177.701       | 1018.4      | -5.7         | 173                     | 22 | 78.090     | 179.571        | 1009.4      | 0.5          |
| 147                     | 27 | 77.570     | -177.935       | 1013.1      | -6.8         | 174                     | 23 | 78.091     | 179.558        | 1012.7      | 0.5          |
| 148                     | 28 | 77.563     | -178.430       | 1006.6      | -5.6         | 175                     | 24 | 78.149     | 179.330        | 1003.3      | 0.6          |
| 149                     | 29 | 77.485     | -178.373       | 1008.5      | -6.0         | 177                     | 26 | 78.219     | 179.809        | 1002.5      | -0.2*        |
| 150                     | 30 | 77.417     | -178.071       | 1013.6      | -6.9         | 178                     | 27 | 78.253     | -179.633       | 1003.9      | 0.4          |
| 151                     | 31 | 77.393     | -177.873       | 1013.8      | -5.7         | 179                     | 28 | 78.330     | -178.937       | 1010.8      | 0.9*         |
|                         |    |            |                |             |              | 181                     | 30 | 78.554     | -178.722       | 1006.1      | 1.2          |

| BUOY(19579)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19579)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 78.564     | -178.817       |             | 0.5*         | 213                     | 1  | 77.203     | -175.610       | 1011.6      | -0.7         |
| 183                     | 2  | 78.580     | -179.054       | 1000.7      | 0.3          | 214                     | 2  | 77.204     | -175.036       | 1007.2      | -0.2         |
| 189                     | 8  | 78.440     | -179.098       | 1014.3      | 0.5          | 215                     | 3  | 77.117     | -174.612       | 1012.1      | -0.4         |
| 190                     | 9  | 78.378     | -178.974       | 1010.2      | 1.1          | 216                     | 4  | 77.130     | -174.244       | 995.1       | 0.0          |
| 191                     | 10 | 78.410     | -178.771       | 1002.2      | 0.7          | 217                     | 5  | 76.945     | -174.058       | 1011.4      | -1.3         |
| 192                     | 11 | 78.386     | -178.493       | 998.6       | -0.5         | 218                     | 6  | 76.937     | -173.223       | 1002.1      | -0.5         |
| 193                     | 12 | 78.416     | -177.915       | 997.6       | -0.4         | 219                     | 7  | 76.751     | -173.174       | 1020.8      | -1.9         |
| 194                     | 13 | 78.387     | -177.713       | 999.3       | 0.2          | 220                     | 8  | 76.806     | -172.757       | 1012.0      | -0.5         |
| 197                     | 16 | 78.228     | -178.054       | 1007.7      | 0.1          | 221                     | 9  | 76.779     | -172.750       | 1017.7      | -2.2         |
| 198                     | 17 | 78.126     | -177.846       | 1005.7      | 0.0*         | 222                     | 10 | 76.706     | -172.563       | 1014.4      | -1.9         |
| 199                     | 18 | 78.125     | -177.475       | 998.0       | 0.3          | 223                     | 11 | 76.566     | -172.342       | 1015.4      | -1.2         |
| 200                     | 19 | 78.062     | -177.201       | 1006.3      | 0.2          | 224                     | 12 | 76.457     | -171.947       | 1002.2      | -1.0         |
| 202                     | 21 | 78.002     | -176.895       | 1006.5      | 0.1          | 225                     | 13 | 76.436     | -172.259       | 1011.4      | -2.2         |
| 203                     | 22 | 78.014     | -177.153       | 1000.1      | 0.0          | 226                     | 14 | 76.467     | -172.316       | 1013.7      | -1.9         |
| 204                     | 23 | 78.067     | -177.025       | 1001.4      | -0.3         | 227                     | 15 | 76.492     | -172.186       | 1014.3      | -2.7         |
| 205                     | 24 | 78.065     | -176.783       | 993.9       | -0.1         | 228                     | 16 | 76.466     | -171.697       | 1008.0      | -0.2         |
| 206                     | 25 | 77.987     | -176.570       | 994.0       | -0.2         | 229                     | 17 | 76.422     | -171.462       | 1008.8      | -0.2         |
| 207                     | 26 | 77.799     | -176.359       | 994.4       | -0.2         | 230                     | 18 | 76.432     | -171.160       | 1014.3      | 0.0          |
| 208                     | 27 | 77.596     | -176.307       | 1000.5      | -0.2         | 231                     | 19 | 76.508     | -170.973       | 1019.4      | -1.1         |
| 209                     | 28 | 77.423     | -176.200       | 1003.3      | -1.0         | 232                     | 20 | 76.608     | -170.798       | 1020.0      | -0.4         |
| 210                     | 29 | 77.393     | -176.626       | 991.4       | -1.2         | 233                     | 21 | 76.655     | -170.585       | 1015.8      | -1.5         |
| 211                     | 30 | 77.245     | -176.667       |             | -0.9*        | 234                     | 22 | 76.639     | -170.178       | 1011.6      | -1.3         |
| 212                     | 31 | 77.220     | -176.240       | 1009.9      | -0.7         | 235                     | 23 | 76.579     | -169.701       | 1004.0      | -2.1         |
|                         |    |            |                |             |              | 236                     | 24 | 76.493     | -169.733       | 1002.8      | -2.9         |
|                         |    |            |                |             |              | 237                     | 25 | 76.374     | -169.494       | 996.8       | -2.0         |
|                         |    |            |                |             |              | 238                     | 26 | 76.193     | -168.909       | 1005.5      | -2.3         |
|                         |    |            |                |             |              | 239                     | 27 | 76.193     | -168.219       | 1007.2      | -0.8         |
|                         |    |            |                |             |              | 240                     | 28 | 76.264     | -167.586       | 1016.0      | -1.2         |
|                         |    |            |                |             |              | 241                     | 29 | 76.362     | -167.476       | 1017.5      | -0.6         |
|                         |    |            |                |             |              | 242                     | 30 | 76.409     | -167.395       | 1017.7      | -0.6         |
|                         |    |            |                |             |              | 243                     | 31 | 76.380     | -167.380       | 1020.8      | -2.9         |

# BUOY 19579

| BUOY(19579)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19579)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 245                     | 2  | 76.320     | -166.809       | 1013.4      | -2.6         | 274                     | 1  | 76.647     | -160.970       | 1013.2      | -3.0         |
| 246                     | 3  | 76.375     | -166.575       | 1000.6      | -2.6         | 275                     | 2  | 76.599     | -161.276       | 1006.6      | -3.6         |
| 247                     | 4  | 76.303     | -166.558       | 1004.8      | -2.5         | 276                     | 3  | 76.551     | -161.619       | 998.4       | -3.9         |
| 248                     | 5  | 76.326     | -166.250       | 1003.3      | -2.0         | 277                     | 4  | 76.398     | -161.487       | 1004.4      | -8.6         |
| 249                     | 6  | 76.516     | -166.130       | 992.1       | -1.4         | 278                     | 5  | 76.391     | -161.084       | 1013.8      | -4.3         |
| 250                     | 7  | 76.598     | -165.927       | 985.5       | -2.1         | 279                     | 6  | 76.435     | -160.674       | 1021.4      | -4.0         |
| 251                     | 8  | 76.613     | -165.633       | 986.4       | -3.5         | 280                     | 7  | 76.454     | -160.476       | 1019.4      | -6.9         |
| 252                     | 9  | 76.633     | -165.532       | 979.0       | -4.0         | 281                     | 8  | 76.479     | -161.124       | 1007.9      | -6.9         |
| 253                     | 10 | 76.790     | -165.644       | 980.4       | -4.1         | 282                     | 9  | 76.559     | -162.041       | 1002.7      | -6.6         |
| 254                     | 11 | 76.773     | -166.117       | 994.0       | -2.8         | 283                     | 10 | 76.670     | -162.589       | 1005.9      | -3.4         |
| 255                     | 12 | 76.706     | -166.447       | 1014.1      | -4.2         | 285                     | 12 | 76.887     | -163.333       | 1016.3      | -8.3         |
| 256                     | 13 | 76.650     | -166.476       | 1025.7      | -6.0*        | 286                     | 13 | 76.982     | -163.823       | 1016.6      | -9.1         |
| 257                     | 14 | 76.652     | -166.132       | 1023.0      | -3.3*        | 287                     | 14 | 77.076     | -164.430       | 1019.8      | -7.4         |
| 258                     | 15 | 76.702     | -165.959       | 1019.4      | -3.0         | 288                     | 15 | 77.161     | -165.056       | 1023.1      | -6.2         |
| 259                     | 16 | 76.694     | -166.256       | 1033.4      | -3.8         | 289                     | 16 | 77.233     | -165.579       | 1032.4      | -12.8        |
| 261                     | 18 | 76.888     | -165.243       | 1014.7      | -1.9         | 290                     | 17 | 77.205     | -166.003       | 1024.6      | -14.7        |
| 262                     | 19 | 76.816     | -164.890       | 1017.3      | -2.2         | 291                     | 18 | 77.179     | -166.115       | 1016.0      | -17.5        |
| 263                     | 20 | 76.817     | -164.604       | 1020.0      | -1.6         | 292                     | 19 | 77.190     | -166.146       | 1013.2      | -16.8        |
| 264                     | 21 | 76.833     | -164.083       | 1023.8      | -2.2         | 293                     | 20 | 77.249     | -166.201       | 1014.7      | -16.0        |
| 265                     | 22 | 76.897     | -163.612       | 1023.2      | -1.9         | 294                     | 21 | 77.288     | -165.986       | 1024.5      | -21.4        |
| 266                     | 23 | 76.958     | -163.192       | 1019.8      | -1.8         | 295                     | 22 | 77.331     | -166.097       | 1024.4      | -16.3        |
| 267                     | 24 | 76.888     | -163.199       | 1017.9      | -3.2         | 296                     | 23 | 77.398     | -166.111       | 1024.9      | -14.2        |
| 268                     | 25 | 76.820     | -162.678       | 1007.9      | -4.6         | 297                     | 24 | 77.431     | -166.020       | 1026.5      | -10.8        |
| 269                     | 26 | 76.751     | -162.287       | 999.1       | -3.5         | 298                     | 25 | 77.433     | -166.047       | 1024.5      | -11.8        |
| 270                     | 27 | 76.651     | -161.922       | 1012.2      | -3.5         | 299                     | 26 | 77.506     | -165.964       | 1012.4      | -11.7        |
| 273                     | 30 | 76.644     | -161.120       |             | -2.2*        | 300                     | 27 | 77.705     | -165.456       | 989.3       | -11.5        |
|                         |    |            |                |             |              | 301                     | 28 | 77.370     | -164.522       | 1018.9      | -17.2        |
|                         |    |            |                |             |              | 302                     | 29 | 77.326     | -164.099       | 1026.4      | -15.4        |
|                         |    |            |                |             |              | 303                     | 30 | 77.491     | -164.017       | 1003.9      | -4.5         |
|                         |    |            |                |             |              | 304                     | 31 | 77.491     | -163.253       | 1012.3      | -10.0        |

| BUOY(19579)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(19579)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 77.420     | -162.711       | 1032.3      | -18.7        | 335                     | 1  | 76.849     | -163.354       | 1005.0      | -33.9        |
| 306                     | 2  | 77.458     | -162.700       | 1030.5      | -11.6        | 336                     | 2  | 76.855     | -163.021       | 1000.8      | -27.5        |
| 307                     | 3  | 77.577     | -162.855       | 1023.2      | -9.9         | 337                     | 3  | 76.860     | -162.422       | 1004.6      | -26.0        |
| 308                     | 4  | 77.646     | -163.043       | 1014.9      | -8.5         | 338                     | 4  | 76.836     | -161.923       | 1016.0      | -28.2        |
| 309                     | 5  | 77.775     | -162.841       | 998.5       | -2.0         | 339                     | 5  | 76.847     | -161.528       | 1019.2      | -30.4*       |
| 310                     | 6  | 77.700     | -162.298       | 1004.3      | -16.1        | 340                     | 6  | 76.882     | -161.404       | 1019.0      | -30.6*       |
| 311                     | 7  | 77.531     | -162.191       | 1015.3      | -23.6        | 341                     | 7  | 76.952     | -161.405       | 1013.3      | -21.6        |
| 312                     | 8  | 77.432     | -162.231       | 1016.0      | -25.6        | 342                     | 8  | 77.062     | -161.288       | 1011.4      | -21.4        |
| 314                     | 10 | 77.336     | -162.307       | 1011.0      | -24.3        | 343                     | 9  | 77.045     | -161.089       | 1019.1      | -26.4        |
| 315                     | 11 | 77.267     | -162.162       | 1007.1      | -19.5        | 344                     | 10 | 77.031     | -160.960       | 1022.9      | -26.1        |
| 316                     | 12 | 77.128     | -162.045       | 1008.0      | -16.3*       | 345                     | 11 | 77.049     | -161.126       | 1022.3      | -28.8        |
| 317                     | 13 | 77.019     | -162.272       | 1011.8      | -25.1        | 346                     | 12 | 77.117     | -161.358       | 1019.3      | -28.2        |
| 318                     | 14 | 76.933     | -162.601       | 1012.0      | -25.5        | 347                     | 13 | 77.192     | -161.649       | 1017.1      | -26.0        |
| 319                     | 15 | 76.912     | -162.711       | 1012.8      | -26.5        | 348                     | 14 | 77.274     | -162.073       | 1017.6      | -26.0        |
| 320                     | 16 | 76.910     | -162.757       | 1008.8      | -22.4        | 349                     | 15 | 77.316     | -162.400       | 1020.6      | -28.0        |
| 323                     | 19 | 76.913     | -163.737       | 1007.1      | -22.6        | 350                     | 16 | 77.313     | -162.672       | 1022.4      | -27.0        |
| 324                     | 20 | 76.939     | -163.869       | 1014.8      | -26.8        | 351                     | 17 | 77.296     | -162.908       | 1024.0      | -29.1        |
| 325                     | 21 | 76.977     | -163.808       | 1008.6      | -27.5        | 352                     | 18 | 77.301     | -163.121       | 1027.4      | -30.2        |
| 326                     | 22 | 76.914     | -163.757       | 998.5       | -28.7        | 353                     | 19 | 77.331     | -163.440       | 1025.3      | -30.2        |
| 327                     | 23 | 76.878     | -163.137       | 1001.6      | -28.4        | 354                     | 20 | 77.371     | -163.960       | 1013.9      | -27.8        |
| 328                     | 24 | 76.957     | -162.679       | 988.9       | -28.5        | 355                     | 21 | 77.400     | -164.514       | 1010.5      | -29.2        |
| 329                     | 25 | 76.961     | -162.755       | 996.4       | -35.2        | 356                     | 22 | 77.367     | -164.709       | 1002.4      | -29.0        |
| 330                     | 26 | 76.928     | -162.744       | 1000.4      | -35.6        | 357                     | 23 | 77.347     | -164.857       | 1006.7      | -26.1        |
| 331                     | 27 | 76.910     | -162.790       | 999.7       | -35.7        | 358                     | 24 | 77.277     | -164.993       | 1009.6      | -23.7        |
| 332                     | 28 | 76.867     | -162.938       | 988.0       | -32.6        | 359                     | 25 | 77.267     | -165.473       | 1021.0      | -28.0        |
| 333                     | 29 | 76.841     | -163.288       | 985.5       | -25.3        | 360                     | 26 | 77.304     | -165.749       | 1030.9      | -26.4        |
| 334                     | 30 | 76.857     | -163.391       | 1004.9      | -33.7        | 361                     | 27 | 77.360     | -165.861       | 1038.6      | -21.0        |
|                         |    |            |                |             |              | 362                     | 28 | 77.470     | -166.227       | 1033.3      | -22.9        |
|                         |    |            |                |             |              | 363                     | 29 | 77.614     | -166.655       | 1026.5      | -21.1        |
|                         |    |            |                |             |              | 364                     | 30 | 77.746     | -167.534       | 1009.6      | -18.9        |
|                         |    |            |                |             |              | 365                     | 31 | 77.956     | -168.348       | 1008.9      | -16.8        |

# BUOY 20601

| BUOY(20601)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20601)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 82.118     | 3.769          | 1013.2      | -28.1        | 121                     | 1  | 80.741     | 2.218          | 1019.3      | -11.2        |
| 94                      | 4  | 81.987     | 3.638          | 1024.5      | -27.6        | 122                     | 2  | 80.657     | 1.984          | 1023.4      | -12.4        |
| 95                      | 5  | 81.893     | 3.723          | 1030.9      | -26.5        | 123                     | 3  | 80.559     | 1.884          | 1019.4      | -12.9        |
| 96                      | 6  | 81.952     | 3.878          | 1006.5      | -17.9        | 124                     | 4  | 80.501     | 1.788          | 1015.6      | -11.7        |
| 97                      | 7  | 81.951     | 4.012          | 1000.0      | -19.3        | 125                     | 5  | 80.492     | 1.777          | 1017.1      | -8.2         |
| 98                      | 8  | 82.047     | 3.818          | 979.1       | -14.1        | 126                     | 6  | 80.436     | 1.901          | 1014.1      | -6.9         |
| 99                      | 9  | 81.891     | 4.114          | 1013.0      | -20.2        | 127                     | 7  | 80.386     | 1.938          | 1011.2      | -6.1         |
| 100                     | 10 | 81.862     | 4.054          | 1017.8      | -19.2        | 128                     | 8  | 80.354     | 1.849          | 1014.9      | -6.2         |
| 101                     | 11 | 81.838     | 4.042          | 1025.5      | -17.6        | 129                     | 9  | 80.328     | 1.648          | 1011.9      | -6.8         |
| 102                     | 12 | 81.889     | 4.365          | 1020.1      | -5.3         | 130                     | 10 | 80.271     | 1.269          | 1012.5      | -6.4         |
| 103                     | 13 | 81.899     | 4.342          | 1013.1      | -4.0         | 131                     | 11 | 80.186     | 0.891          | 1016.6      | -7.2         |
| 104                     | 14 | 81.887     | 4.514          | 1010.6      | -7.7         | 132                     | 12 | 80.140     | 0.748          | 1017.3      | -7.6         |
| 105                     | 15 | 81.834     | 4.685          | 1015.5      | -13.7        | 133                     | 13 | 80.053     | 0.503          | 1010.2      | -5.6         |
| 106                     | 16 | 81.795     | 4.704          | 1015.6      | -13.1        | 134                     | 14 | 79.952     | 0.357          | 1007.3      | -6.8         |
| 107                     | 17 | 81.760     | 4.494          | 1015.8      | -14.5        | 135                     | 15 | 79.852     | 0.255          | 1011.1      | -6.2         |
| 108                     | 18 | 81.726     | 4.456          | 1001.4      | -11.4        | 136                     | 16 | 79.784     | 0.251          | 1020.5      | -5.6         |
| 109                     | 19 | 81.635     | 4.487          | 1003.7      | -17.3        | 137                     | 17 | 79.780     | 0.571          | 1017.5      | -3.0         |
| 110                     | 20 | 81.488     | 4.099          | 1017.5      | -20.4        | 138                     | 18 | 79.763     | 1.012          | 1024.0      | -4.1         |
| 111                     | 21 | 81.361     | 4.180          | 1027.6      | -20.9        | 139                     | 19 | 79.748     | 0.936          | 1022.9      | -4.4         |
| 112                     | 22 | 81.256     | 4.143          | 1037.2      | -20.4        | 140                     | 20 | 79.740     | 0.886          | 1016.0      | -2.8         |
| 113                     | 23 | 81.206     | 4.148          | 1038.9      | -17.5        | 141                     | 21 | 79.686     | 0.977          | 1015.3      | -2.6         |
| 114                     | 24 | 81.174     | 4.078          | 1038.6      | -17.8        | 142                     | 22 | 79.676     | 1.105          | 1016.3      | -3.3         |
| 115                     | 25 | 81.150     | 3.814          | 1036.0      | -16.7        | 143                     | 23 | 79.686     | 1.479          | 1006.6      | -2.9         |
| 116                     | 26 | 81.111     | 3.559          | 1036.8      | -18.4        | 144                     | 24 | 79.608     | 1.710          | 1016.1      | -1.8         |
| 117                     | 27 | 81.040     | 3.382          | 1030.5      | -15.9        | 145                     | 25 | 79.550     | 1.803          | 1021.0      | -2.1         |
| 118                     | 28 | 80.998     | 2.819          | 1031.3      | -11.5        | 146                     | 26 | 79.522     | 1.819          | 1015.8      | -0.6         |
| 119                     | 29 | 80.938     | 2.512          | 1025.0      | -12.8        | 147                     | 27 | 79.461     | 1.417          | 1017.5      | -2.8         |
| 120                     | 30 | 80.850     | 2.397          | 1019.7      | -14.3        | 148                     | 28 | 79.375     | 0.961          | 1020.5      | -2.0         |
|                         |    |            |                |             |              | 149                     | 29 | 79.300     | 0.829          | 1018.7      | -1.5         |
|                         |    |            |                |             |              | 150                     | 30 | 79.228     | 0.618          | 1018.5      | -0.9         |
|                         |    |            |                |             |              | 151                     | 31 | 79.170     | 0.512          | 1018.7      | -0.7         |

| BUOY(20601)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20601)<br>2003 Jul |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|---|------------|----------------|-------------|--------------|
| 152                     | 1  | 79.105     | 0.565          | 1020.8      | -0.7         | 182                     | 1 | 75.883     | -7.457         | 1018.0      | 1.0          |
| 153                     | 2  | 79.040     | 0.495          | 1022.4      | -0.7         | 183                     | 2 | 75.684     | -7.556         | 1020.2      | 1.1          |
| 157                     | 6  | 79.099     | -2.052         | 1011.7      | 1.4          | 184                     | 3 | 75.556     | -8.032         | 1024.5      | 0.9          |
| 158                     | 7  | 79.003     | -2.858         | 1016.4      | 1.6          | 185                     | 4 | 75.529     | -8.353         | 1023.8      | 1.0          |
| 159                     | 8  | 78.859     | -3.023         | 1019.9      | 1.8          | 186                     | 5 | 75.480     | -8.761         | 1020.5      | 0.9          |
| 160                     | 9  | 78.669     | -3.278         | 1016.4      | 1.7          | 187                     | 6 | 75.437     | -8.811         | 1019.2      | 1.0          |
| 161                     | 10 | 78.356     | -3.259         | 1019.6      | 0.8          | 188                     | 7 | 75.448     | -8.964         | 1018.8      | 0.8          |
| 162                     | 11 | 78.045     | -3.393         | 1021.6      | -1.2         | 189                     | 8 | 75.450     | -9.157         | 1013.7      | 0.8          |
| 163                     | 12 | 77.826     | -3.835         | 1022.3      | 0.8          | 190                     | 9 | 75.416     | -9.333         | 1017.9      | 0.8          |
| 164                     | 13 | 77.667     | -4.107         | 1020.9      | 1.3          |                         |   |            |                |             |              |
| 165                     | 14 | 77.421     | -4.387         | 1020.6      | 1.4          |                         |   |            |                |             |              |
| 166                     | 15 | 77.187     | -4.873         | 1019.3      | 2.8          |                         |   |            |                |             |              |
| 167                     | 16 | 76.909     | -5.375         | 1016.9      | 5.4          |                         |   |            |                |             |              |
| 168                     | 17 | 76.798     | -5.974         | 1010.7      | 1.9          |                         |   |            |                |             |              |
| 169                     | 18 | 76.659     | -6.183         | 1009.7      | 1.3          |                         |   |            |                |             |              |
| 170                     | 19 | 76.477     | -6.615         | 1009.0      | 1.5          |                         |   |            |                |             |              |
| 171                     | 20 | 76.258     | -6.427         | 1007.9      | 1.5          |                         |   |            |                |             |              |
| 172                     | 21 | 76.221     | -6.164         | 1009.6      | 1.6          |                         |   |            |                |             |              |
| 173                     | 22 | 76.258     | -5.925         | 1007.7      | 1.1          |                         |   |            |                |             |              |
| 174                     | 23 | 76.245     | -5.555         | 1009.9      | 0.9          |                         |   |            |                |             |              |
| 175                     | 24 | 76.277     | -5.419         | 1010.8      | 1.0          |                         |   |            |                |             |              |
| 176                     | 25 | 76.253     | -6.175         | 1015.4      | 1.1          |                         |   |            |                |             |              |
| 177                     | 26 | 76.208     | -6.125         | 1014.5      | 1.2          |                         |   |            |                |             |              |
| 178                     | 27 | 76.214     | -6.348         | 1021.8      | 1.5          |                         |   |            |                |             |              |
| 179                     | 28 | 76.222     | -6.574         | 1018.5      | 1.0          |                         |   |            |                |             |              |
| 180                     | 29 | 76.223     | -6.679         | 1013.2      | 0.9          |                         |   |            |                |             |              |
| 181                     | 30 | 76.085     | -7.483         | 1012.8      | 1.0          |                         |   |            |                |             |              |

# BUOY 20627

| BUOY(20627)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20627)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 81.118     | 3.621          | 1011.3      | -27.9        | 126                     | 6  | 78.713     | -1.802         | 1015.6      | -10.1        |
| 94                      | 4  | 80.967     | 3.113          | 1022.9      | -28.2        | 127                     | 7  | 78.616     | -2.263         | 1011.6      | -9.1         |
| 95                      | 5  | 80.847     | 2.804          | 1031.7      | -25.8        | 128                     | 8  | 78.551     | -2.553         | 1014.6      | -4.2         |
| 96                      | 6  | 80.909     | 2.844          | 1004.6      | -14.4        | 129                     | 9  | 78.476     | -2.762         | 1012.4      | -5.2         |
| 97                      | 7  | 80.852     | 2.945          | 1000.2      | -17.8        | 130                     | 10 | 78.398     | -2.989         | 1013.6      | -4.9         |
| 98                      | 8  | 80.969     | 3.398          | 983.7       | -14.2        | 131                     | 11 | 78.292     | -3.221         | 1017.7      | -5.6         |
| 99                      | 9  | 80.811     | 4.499          | 1012.9      | -20.4        | 132                     | 12 | 78.208     | -3.371         | 1017.1      | -4.8         |
| 100                     | 10 | 80.835     | 4.244          | 1019.0      | -14.3        | 133                     | 13 | 78.046     | -3.644         | 1010.8      | -5.5         |
| 101                     | 11 | 80.844     | 4.227          | 1025.9      | -11.1        | 134                     | 14 | 77.890     | -3.753         | 1008.6      | -6.6         |
| 102                     | 12 | 80.959     | 4.581          | 1020.6      | -0.8         | 135                     | 15 | 77.726     | -3.796         | 1012.3      | -6.7         |
| 103                     | 13 | 80.999     | 4.604          | 1012.5      | -0.9         | 136                     | 16 | 77.573     | -3.781         | 1018.4      | -4.1         |
| 104                     | 14 | 81.009     | 4.896          | 1011.5      | -6.1         | 137                     | 17 | 77.466     | -3.215         | 1021.9      | -1.0         |
| 105                     | 15 | 80.950     | 4.998          | 1016.0      | -12.5        | 138                     | 18 | 77.319     | -3.098         | 1023.7      | -2.0         |
| 106                     | 16 | 80.907     | 5.116          | 1014.9      | -13.3        | 139                     | 19 | 77.133     | -3.509         | 1020.0      | -0.5         |
| 107                     | 17 | 80.880     | 4.683          | 1014.9      | -11.1        | 140                     | 20 | 76.937     | -3.782         | 1015.6      | -0.2         |
| 108                     | 18 | 80.847     | 4.712          | 1002.1      | -8.7         | 141                     | 21 | 76.713     | -4.060         | 1016.4      | -1.8         |
| 109                     | 19 | 80.774     | 4.628          | 1003.8      | -15.6        |                         |    |            |                |             |              |
| 110                     | 20 | 80.593     | 3.989          | 1017.1      | -20.2        |                         |    |            |                |             |              |
| 111                     | 21 | 80.442     | 4.105          | 1028.9      | -20.9        |                         |    |            |                |             |              |
| 112                     | 22 | 80.293     | 4.122          | 1037.8      | -20.6        |                         |    |            |                |             |              |
| 113                     | 23 | 80.176     | 4.213          | 1039.0      | -17.3        |                         |    |            |                |             |              |
| 114                     | 24 | 80.105     | 3.911          | 1037.4      | -17.0        |                         |    |            |                |             |              |
| 115                     | 25 | 80.016     | 3.400          | 1033.8      | -13.3        |                         |    |            |                |             |              |
| 116                     | 26 | 79.977     | 2.773          | 1035.2      | -13.3        |                         |    |            |                |             |              |
| 117                     | 27 | 79.852     | 2.418          | 1029.9      | -15.5        |                         |    |            |                |             |              |
| 118                     | 28 | 79.762     | 1.957          | 1028.2      | -10.8        |                         |    |            |                |             |              |
| 119                     | 29 | 79.668     | 1.365          | 1023.3      | -11.5        |                         |    |            |                |             |              |
| 120                     | 30 | 79.531     | 1.008          | 1020.1      | -13.7        |                         |    |            |                |             |              |



# BUOY 20726

| BUOY(20726)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20726)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 84.028     | 26.300         |             |              | 32                      | 1  | 82.328     | 15.629         |             |              |
| 2                       | 2  | 84.076     | 26.486         |             |              | 33                      | 2  | 82.322     | 15.344         |             |              |
| 3                       | 3  | 84.096     | 26.374         |             |              | 34                      | 3  | 82.280     | 15.265         |             |              |
| 4                       | 4  | 84.098     | 26.230         |             |              | 35                      | 4  | 82.253     | 15.130         |             |              |
| 5                       | 5  | 84.120     | 25.738         |             |              | 36                      | 5  | 82.253     | 14.862         |             |              |
| 6                       | 6  | 84.110     | 24.700         |             |              | 37                      | 6  | 82.351     | 14.220         |             |              |
| 7                       | 7  | 84.050     | 24.383         |             |              | 38                      | 7  | 82.389     | 14.223         |             |              |
| 8                       | 8  | 84.013     | 24.717         |             |              | 39                      | 8  | 82.440     | 14.076         |             |              |
| 9                       | 9  | 83.927     | 25.051         |             |              | 40                      | 9  | 82.407     | 13.512         |             |              |
| 10                      | 10 | 83.816     | 24.540         |             |              | 41                      | 10 | 82.357     | 13.158         |             |              |
| 11                      | 11 | 83.680     | 24.030         |             |              | 42                      | 11 | 82.344     | 13.027         |             |              |
| 12                      | 12 | 83.618     | 23.430         |             |              | 43                      | 12 | 82.384     | 12.918         |             |              |
| 13                      | 13 | 83.596     | 23.218         |             |              | 44                      | 13 | 82.453     | 13.093         |             |              |
| 14                      | 14 | 83.564     | 22.438         |             |              | 45                      | 14 | 82.441     | 13.177         |             |              |
| 15                      | 15 | 83.462     | 21.751         |             |              | 46                      | 15 | 82.348     | 12.701         |             |              |
| 16                      | 16 | 83.415     | 21.488         |             |              | 47                      | 16 | 82.213     | 12.909         |             |              |
| 17                      | 17 | 83.389     | 21.398         |             |              | 48                      | 17 | 82.240     | 12.812         |             |              |
| 18                      | 18 | 83.354     | 21.266         |             |              | 49                      | 18 | 82.357     | 12.152         |             |              |
| 19                      | 19 | 83.287     | 21.082         |             |              | 50                      | 19 | 82.378     | 11.869         |             |              |
| 20                      | 20 | 83.102     | 21.316         |             |              | 51                      | 20 | 82.257     | 12.102         |             |              |
| 21                      | 21 | 83.018     | 19.834         |             |              | 52                      | 21 | 82.192     | 11.890         |             |              |
| 22                      | 22 | 82.947     | 18.935         |             |              | 53                      | 22 | 82.072     | 11.688         |             |              |
| 23                      | 23 | 82.910     | 17.920         |             |              | 54                      | 23 | 82.115     | 11.019         |             |              |
| 24                      | 24 | 82.860     | 17.195         |             |              | 55                      | 24 | 82.015     | 10.075         |             |              |
| 25                      | 25 | 82.801     | 16.865         |             |              | 56                      | 25 | 82.009     | 9.997          |             |              |
| 26                      | 26 | 82.713     | 16.603         |             |              | 57                      | 26 | 82.004     | 8.868          |             |              |
| 27                      | 27 | 82.659     | 16.451         |             |              | 58                      | 27 | 81.889     | 8.131          |             |              |
| 28                      | 28 | 82.603     | 16.236         |             |              | 59                      | 28 | 81.815     | 8.241          |             |              |
| 29                      | 29 | 82.474     | 16.158         |             |              |                         |    |            |                |             |              |
| 30                      | 30 | 82.369     | 15.897         |             |              |                         |    |            |                |             |              |
| 31                      | 31 | 82.339     | 15.705         |             |              |                         |    |            |                |             |              |

| BUOY(20726)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20726)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 81.774     | 8.254          |             |              | 91                      | 1  | 76.622     | -10.010        |             |              |
| 61                      | 2  | 81.741     | 7.848          |             |              | 92                      | 2  | 76.300     | -10.333        |             |              |
| 62                      | 3  | 81.677     | 7.305          |             |              | 93                      | 3  | 76.092     | -10.416        |             |              |
| 63                      | 4  | 81.582     | 6.702          |             |              | 94                      | 4  | 75.796     | -10.694        |             |              |
| 64                      | 5  | 81.495     | 6.284          |             |              | 95                      | 5  | 75.558     | -10.877        |             |              |
| 65                      | 6  | 81.382     | 5.521          |             |              | 96                      | 6  | 75.662     | -10.324        |             |              |
| 66                      | 7  | 81.274     | 4.031          |             |              | 97                      | 7  | 75.557     | -10.436        |             |              |
| 67                      | 8  | 81.137     | 2.206          |             |              | 98                      | 8  | 75.360     | -10.312        |             |              |
| 68                      | 9  | 80.915     | 0.798          |             |              | 103                     | 13 | 75.023     | -10.499        |             |              |
| 69                      | 10 | 80.697     | 0.330          |             |              | 104                     | 14 | 75.050     | -10.320        |             |              |
| 70                      | 11 | 80.466     | 0.185          |             |              |                         |    |            |                |             |              |
| 75                      | 16 | 79.781     | 0.630          |             |              |                         |    |            |                |             |              |
| 76                      | 17 | 79.632     | 0.603          |             |              |                         |    |            |                |             |              |
| 77                      | 18 | 79.409     | -0.200         |             |              |                         |    |            |                |             |              |
| 78                      | 19 | 79.115     | -0.719         |             |              |                         |    |            |                |             |              |
| 82                      | 23 | 78.160     | -3.846         |             |              |                         |    |            |                |             |              |
| 83                      | 24 | 77.867     | -5.462         |             |              |                         |    |            |                |             |              |
| 84                      | 25 | 77.812     | -6.110         |             |              |                         |    |            |                |             |              |
| 85                      | 26 | 77.673     | -7.277         |             |              |                         |    |            |                |             |              |
| 86                      | 27 | 77.379     | -8.111         |             |              |                         |    |            |                |             |              |
| 87                      | 28 | 77.247     | -8.567         |             |              |                         |    |            |                |             |              |
| 88                      | 29 | 77.059     | -9.401         |             |              |                         |    |            |                |             |              |
| 89                      | 30 | 76.907     | -9.563         |             |              |                         |    |            |                |             |              |
| 90                      | 31 | 76.837     | -9.659         |             |              |                         |    |            |                |             |              |

# BUOY 20751

| BUOY(20751)<br>2003 Apr |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|
| 93                      | 3 | 80.305     | 8.751          | 1008.7      | -25.2        |
| 94                      | 4 | 80.115     | 7.649          | 1019.3      | -24.8        |
| 95                      | 5 | 79.970     | 6.851          | 1031.2      | -23.9        |

# BUOY 20755

| BUOY(20755)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20755)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 82.277     | 10.940         | 1011.9      | -30.2        | 121                     | 1  | 81.182     | 8.296          | 1018.7      | -12.9        |
| 94                      | 4  | 82.191     | 10.823         | 1022.2      | -30.6        | 122                     | 2  | 81.133     | 7.992          | 1022.5      | -13.2        |
| 95                      | 5  | 82.074     | 10.743         | 1028.5      | -28.9        | 123                     | 3  | 81.083     | 7.740          | 1019.5      | -13.4        |
| 96                      | 6  | 82.126     | 10.954         | 1012.4      | -20.9        | 124                     | 4  | 81.069     | 7.518          | 1016.5      | -10.2        |
| 97                      | 7  | 82.184     | 10.786         | 1002.1      | -15.7        | 125                     | 5  | 81.110     | 7.345          | 1017.9      | -6.5         |
| 98                      | 8  | 82.248     | 10.434         | 981.3       | -14.4        | 126                     | 6  | 81.120     | 7.249          | 1013.8      | -6.4         |
| 99                      | 9  | 82.122     | 10.602         | 1010.8      | -20.6        | 127                     | 7  | 81.102     | 7.113          | 1011.0      | -9.3         |
| 100                     | 10 | 82.079     | 10.452         | 1018.0      | -21.2        | 128                     | 8  | 81.065     | 7.063          | 1014.2      | -6.8         |
| 101                     | 11 | 82.059     | 10.440         | 1027.3      | -14.2        | 129                     | 9  | 81.009     | 6.985          | 1011.2      | -9.9         |
| 102                     | 12 | 82.116     | 10.904         | 1021.9      | -1.6         | 130                     | 10 | 80.909     | 6.970          | 1010.3      | -8.9         |
| 103                     | 13 | 82.129     | 10.878         | 1015.2      | -2.7         | 131                     | 11 | 80.823     | 6.870          | 1015.5      | -10.2        |
| 104                     | 14 | 82.124     | 11.028         | 1009.3      | -6.2         | 132                     | 12 | 80.796     | 6.807          | 1017.8      | -8.6         |
| 105                     | 15 | 82.069     | 11.253         | 1016.3      | -15.9        | 133                     | 13 | 80.774     | 6.703          | 1008.5      | -6.7         |
| 106                     | 16 | 82.037     | 11.263         | 1015.4      | -16.1        | 134                     | 14 | 80.704     | 6.525          | 1005.8      | -9.0         |
| 107                     | 17 | 82.002     | 11.089         | 1017.4      | -15.7        | 135                     | 15 | 80.614     | 6.348          | 1009.1      | -9.8         |
| 108                     | 18 | 81.994     | 11.046         | 998.7       | -9.0         | 136                     | 16 | 80.526     | 6.561          | 1020.3      | -5.6         |
| 109                     | 19 | 81.927     | 11.180         | 1000.9      | -18.7        | 137                     | 17 | 80.592     | 6.650          | 1017.1      | -2.6         |
| 110                     | 20 | 81.794     | 10.766         | 1014.6      | -23.5        | 138                     | 18 | 80.586     | 7.191          | 1023.9      | -3.4         |
| 111                     | 21 | 81.670     | 10.911         | 1025.1      | -24.6        | 139                     | 19 | 80.575     | 7.163          | 1024.1      | -5.2         |
| 112                     | 22 | 81.589     | 10.798         | 1034.8      | -22.7        | 140                     | 20 | 80.574     | 6.868          | 1015.3      | -2.7         |
| 113                     | 23 | 81.541     | 10.688         | 1038.1      | -21.7        | 141                     | 21 | 80.535     | 6.724          | 1015.3      | -4.7         |
| 114                     | 24 | 81.510     | 10.571         | 1038.4      | -18.6        | 142                     | 22 | 80.513     | 6.622          | 1016.7      | -5.5         |
| 115                     | 25 | 81.484     | 10.301         | 1037.2      | -18.7        | 143                     | 23 | 80.520     | 6.716          | 1006.4      | -4.9         |
| 116                     | 26 | 81.441     | 10.093         | 1035.8      | -19.0        | 144                     | 24 | 80.464     | 6.949          | 1013.4      | -2.7         |
| 117                     | 27 | 81.398     | 9.800          | 1030.7      | -14.3        | 145                     | 25 | 80.397     | 7.060          | 1019.9      | -3.9         |
| 118                     | 28 | 81.374     | 9.160          | 1031.9      | -11.6        | 146                     | 26 | 80.384     | 7.057          | 1016.6      | -3.5         |
| 119                     | 29 | 81.325     | 8.766          | 1024.5      | -14.4        | 147                     | 27 | 80.324     | 6.741          | 1017.5      | -4.9         |
| 120                     | 30 | 81.252     | 8.603          | 1018.0      | -15.1        | 148                     | 28 | 80.253     | 6.368          | 1019.7      | -3.6         |
|                         |    |            |                |             |              | 149                     | 29 | 80.187     | 6.267          | 1017.9      | -1.8         |
|                         |    |            |                |             |              | 150                     | 30 | 80.125     | 6.234          | 1018.4      | -2.0         |
|                         |    |            |                |             |              | 151                     | 31 | 80.075     | 6.177          | 1018.8      | -3.2         |

| BUOY(20755)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20755)<br>2003 Jul |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|---|------------|----------------|-------------|--------------|
| 152                     | 1  | 80.075     | 6.397          | 1020.6      | -1.7         | 182                     | 1 | 78.049     | -2.603         | 1015.0      | 1.3          |
| 153                     | 2  | 80.033     | 6.467          | 1022.2      | -2.1         | 183                     | 2 | 77.963     | -2.277         | 1018.1      | 1.3          |
| 154                     | 3  | 80.022     | 6.365          | 1021.9      | -0.3         | 184                     | 3 | 77.852     | -2.520         | 1023.0      | 0.9          |
| 155                     | 4  | 79.989     | 6.531          | 1022.4      | -0.6         | 185                     | 4 | 77.633     | -2.827         | 1021.1      | 0.7          |
| 156                     | 5  | 80.000     | 6.569          | 1017.7      | 0.0          |                         |   |            |                |             |              |
| 157                     | 6  | 80.046     | 6.581          | 1011.9      | 0.5          |                         |   |            |                |             |              |
| 158                     | 7  | 79.998     | 6.110          | 1015.4      | -1.6         |                         |   |            |                |             |              |
| 159                     | 8  | 79.908     | 5.757          | 1018.8      | -1.4         |                         |   |            |                |             |              |
| 160                     | 9  | 79.862     | 5.703          | 1015.7      | 0.0          |                         |   |            |                |             |              |
| 161                     | 10 | 79.790     | 5.679          | 1017.5      | -1.7         |                         |   |            |                |             |              |
| 162                     | 11 | 79.648     | 5.505          | 1018.4      | -2.4         |                         |   |            |                |             |              |
| 163                     | 12 | 79.487     | 5.278          | 1019.3      | -0.2         |                         |   |            |                |             |              |
| 164                     | 13 | 79.321     | 4.970          | 1016.1      | -0.5         |                         |   |            |                |             |              |
| 165                     | 14 | 79.077     | 4.368          | 1017.5      | 0.5          |                         |   |            |                |             |              |
| 166                     | 15 | 78.877     | 3.681          | 1016.0      | 0.8          |                         |   |            |                |             |              |
| 167                     | 16 | 78.684     | 2.181          | 1015.6      | 1.5          |                         |   |            |                |             |              |
| 168                     | 17 | 78.723     | 0.401          | 1010.3      | 1.7          |                         |   |            |                |             |              |
| 169                     | 18 | 78.757     | -1.272         | 1008.7      | 0.5          |                         |   |            |                |             |              |
| 173                     | 22 | 78.869     | -1.900         | 1008.2      | 0.6          |                         |   |            |                |             |              |
| 174                     | 23 | 78.912     | -1.677         | 1010.9      | 1.0          |                         |   |            |                |             |              |
| 175                     | 24 | 78.892     | -1.499         | 1010.5      | 2.8          |                         |   |            |                |             |              |
| 176                     | 25 | 78.771     | -2.081         | 1014.5      | 1.4          |                         |   |            |                |             |              |
| 177                     | 26 | 78.710     | -2.465         | 1014.6      | 0.7          |                         |   |            |                |             |              |
| 178                     | 27 | 78.591     | -3.136         | 1021.6      | 3.3          |                         |   |            |                |             |              |
| 179                     | 28 | 78.533     | -3.257         | 1013.5      | 1.4          |                         |   |            |                |             |              |
| 180                     | 29 | 78.286     | -3.046         | 1012.0      | 1.1          |                         |   |            |                |             |              |
| 181                     | 30 | 78.114     | -2.746         | 1011.6      | 1.4          |                         |   |            |                |             |              |

# BUOY 20756

| BUOY(20756)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20756)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 80.666     | 15.448         | 1008.3      | -27.3        | 121                     | 1  | 80.284     | 15.164         | 1017.1      | -9.2         |
| 94                      | 4  | 80.575     | 14.980         | 1017.5      | -26.1        | 122                     | 2  | 80.257     | 14.887         | 1019.7      | -10.1        |
| 95                      | 5  | 80.501     | 14.809         | 1029.6      | -25.3        | 123                     | 3  | 80.239     | 14.607         | 1018.0      | -11.9        |
| 96                      | 6  | 80.551     | 14.827         | 1015.4      | -17.3        | 124                     | 4  | 80.214     | 14.382         | 1016.0      | -9.5         |
| 97                      | 7  | 80.617     | 15.108         | 1002.2      | -11.9        | 125                     | 5  | 80.269     | 14.114         | 1018.4      | -4.8         |
| 98                      | 8  | 80.707     | 15.257         | 981.2       | -8.1         | 126                     | 6  | 80.272     | 13.983         | 1012.0      | -4.8         |
| 99                      | 9  | 80.656     | 16.633         | 1012.1      | -17.2        | 127                     | 7  | 80.273     | 13.895         | 1010.3      | -2.8         |
| 100                     | 10 | 80.648     | 16.523         | 1017.2      | -15.8        | 128                     | 8  | 80.260     | 13.778         | 1012.4      | -4.5         |
| 101                     | 11 | 80.649     | 16.572         | 1029.1      | -7.4         | 129                     | 9  | 80.230     | 13.500         | 1009.5      | -5.9         |
| 102                     | 12 | 80.684     | 16.702         | 1023.7      | -6.1         | 130                     | 10 | 80.173     | 13.470         | 1008.7      | -6.5         |
| 103                     | 13 | 80.701     | 16.716         | 1015.2      | -4.6         | 131                     | 11 | 80.127     | 13.434         | 1014.7      | -4.5         |
| 104                     | 14 | 80.701     | 16.889         | 1012.5      | -2.7         | 132                     | 12 | 80.122     | 13.436         | 1018.0      | -4.1         |
| 105                     | 15 | 80.665     | 16.903         | 1017.7      | -6.0         | 133                     | 13 | 80.209     | 13.610         | 1008.6      | 0.0          |
| 106                     | 16 | 80.674     | 17.195         | 1014.6      | -7.1         | 134                     | 14 | 80.169     | 13.488         | 1001.2      | -0.2         |
| 107                     | 17 | 80.649     | 16.925         | 1016.7      | -6.1         | 135                     | 15 | 80.080     | 12.881         | 1007.2      | -6.7         |
| 108                     | 18 | 80.676     | 17.110         | 998.4       | -2.7         | 136                     | 16 | 80.016     | 13.082         | 1020.2      | -4.5         |
| 109                     | 19 | 80.658     | 17.240         | 997.5       | -10.7        | 137                     | 17 | 80.085     | 13.096         | 1020.0      | -2.3         |
| 110                     | 20 | 80.555     | 16.782         | 1009.9      | -15.9        | 138                     | 18 | 80.059     | 13.783         | 1024.0      | -1.1         |
| 111                     | 21 | 80.451     | 16.778         | 1026.1      | -19.8        | 139                     | 19 | 80.054     | 13.593         | 1023.4      | -3.1         |
| 112                     | 22 | 80.430     | 16.760         | 1034.3      | -18.8        | 140                     | 20 | 80.081     | 13.293         | 1015.0      | 1.0          |
| 113                     | 23 | 80.420     | 16.761         | 1037.2      | -17.6        | 141                     | 21 | 80.065     | 13.434         | 1014.1      | -2.3         |
| 114                     | 24 | 80.420     | 16.773         | 1037.4      | -16.3        | 142                     | 22 | 80.079     | 13.206         | 1016.5      | -4.0         |
| 115                     | 25 | 80.421     | 16.778         | 1035.7      | -15.2        |                         |    |            |                |             |              |
| 116                     | 26 | 80.420     | 16.765         | 1034.4      | -14.8        |                         |    |            |                |             |              |
| 117                     | 27 | 80.424     | 16.740         | 1029.3      | -13.0        |                         |    |            |                |             |              |
| 118                     | 28 | 80.429     | 16.207         | 1029.2      | -10.0        |                         |    |            |                |             |              |
| 119                     | 29 | 80.393     | 15.595         | 1021.9      | -10.2        |                         |    |            |                |             |              |
| 120                     | 30 | 80.322     | 15.288         | 1016.3      | -11.9        |                         |    |            |                |             |              |

# BUOY 20811

| BUOY(20811)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20811)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 81.330     | 9.666          | 1011.0      | -28.6        | 121                     | 1  | 80.203     | 7.015          | 1018.2      | -12.1        |
| 94                      | 4  | 81.194     | 9.250          | 1021.6      | -28.4        | 122                     | 2  | 80.129     | 6.423          | 1021.2      | -12.0        |
| 95                      | 5  | 81.072     | 8.990          | 1031.2      | -26.7        | 123                     | 3  | 80.053     | 5.991          | 1018.8      | -13.9        |
| 96                      | 6  | 81.115     | 9.035          | 1011.0      | -17.1        | 124                     | 4  | 80.013     | 5.602          | 1015.0      | -11.1        |
| 97                      | 7  | 81.135     | 9.290          | 1001.4      | -17.2        | 125                     | 5  | 80.081     | 5.466          | 1018.0      | -6.0         |
| 98                      | 8  | 81.252     | 9.376          | 982.4       | -12.3        | 126                     | 6  | 80.061     | 5.377          | 1013.8      | -5.8         |
| 99                      | 9  | 81.109     | 10.407         | 1013.2      | -19.6        | 127                     | 7  | 80.035     | 5.199          | 1011.3      | -6.6         |
| 100                     | 10 | 81.084     | 10.199         | 1018.3      | -18.2        | 128                     | 8  | 79.999     | 4.922          | 1013.9      | -8.8*        |
| 101                     | 11 | 81.073     | 10.172         | 1027.6      | -11.2        | 129                     | 9  | 79.940     | 4.372          | 1011.5      | -8.3*        |
| 102                     | 12 | 81.143     | 10.535         | 1022.7      | -4.4         | 130                     | 10 | 79.871     | 4.122          | 1012.1      | -8.1         |
| 103                     | 13 | 81.161     | 10.514         | 1015.1      | -4.1         | 131                     | 11 | 79.788     | 4.051          | 1016.5      | -8.6         |
| 104                     | 14 | 81.161     | 10.738         | 1012.0      | -5.8         | 132                     | 12 | 79.728     | 4.363          | 1018.1      |              |
| 105                     | 15 | 81.117     | 10.897         | 1017.5      | -11.7        | 133                     | 13 | 79.823     | 4.585          | 1009.3      |              |
| 106                     | 16 | 81.094     | 11.086         | 1015.2      | -13.2        | 134                     | 14 | 79.847     | 4.343          | 1005.4      | -5.3*        |
| 107                     | 17 | 81.068     | 10.745         | 1016.3      | -10.1        | 135                     | 15 | 79.756     | 4.039          | 1010.1      | -7.4         |
| 108                     | 18 | 81.061     | 10.846         | 999.4       | -6.8         | 136                     | 16 | 79.702     | 4.298          | 1021.2      | -5.6         |
| 109                     | 19 | 80.996     | 11.030         | 1001.5      | -15.1        | 137                     | 17 | 79.897     | 4.663          | 1018.6      | -2.6         |
| 110                     | 20 | 80.861     | 10.493         | 1014.0      | -19.6        | 138                     | 18 | 79.880     | 5.206          | 1024.0      | -3.1*        |
| 111                     | 21 | 80.733     | 10.553         | 1026.9      | -21.1        | 139                     | 19 | 79.892     | 4.910          | 1023.6      | -4.6         |
| 112                     | 22 | 80.647     | 10.521         | 1036.2      | -20.3        | 140                     | 20 | 79.923     | 4.635          | 1016.0      | -2.6         |
| 113                     | 23 | 80.594     | 10.493         | 1038.7      | -20.0        | 141                     | 21 | 79.900     | 4.643          | 1015.4      | -3.0         |
| 114                     | 24 | 80.560     | 10.290         | 1037.8      | -20.1        | 142                     | 22 | 79.891     | 4.595          | 1016.9      | -3.4         |
| 115                     | 25 | 80.557     | 9.952          | 1036.1      | -16.5        | 143                     | 23 | 79.885     | 4.808          | 1007.2      | -3.3         |
| 116                     | 26 | 80.528     | 9.591          | 1035.9      | -16.4        | 144                     | 24 | 79.773     | 5.091          | 1015.2      | -2.3         |
| 117                     | 27 | 80.472     | 9.273          | 1028.7      | -16.0        | 145                     | 25 | 79.618     | 5.652          | 1021.5      | -2.0         |
| 118                     | 28 | 80.459     | 8.536          | 1029.4      | -12.1        | 146                     | 26 | 79.504     | 6.414          | 1016.3      | -0.3         |
| 119                     | 29 | 80.384     | 7.876          | 1023.2      | -12.6        | 147                     | 27 | 79.403     | 5.896          | 1015.8      | -3.0         |
| 120                     | 30 | 80.297     | 7.460          | 1018.2      | -14.2        | 148                     | 28 | 79.356     | 4.747          | 1019.8      | -2.8         |
|                         |    |            |                |             |              | 149                     | 29 | 79.301     | 4.115          | 1018.4      | -1.7         |
|                         |    |            |                |             |              | 150                     | 30 | 79.155     | 3.595          | 1018.5      | -1.8         |
|                         |    |            |                |             |              | 151                     | 31 | 78.981     | 3.762          | 1019.3      | -1.3         |

| BUOY(20811)<br>2003 Jun |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|
| 152                     | 1 | 78.908     | 4.154          | 1021.5      | 0.3          |
| 153                     | 2 | 78.759     | 4.499          | 1022.9      | 0.0          |
| 154                     | 3 | 78.741     | 3.816          | 1022.9      | 1.0          |
| 155                     | 4 | 78.778     | 3.271          | 1022.6      | 0.5          |
| 156                     | 5 | 78.911     | 2.701          | 1017.2      | 1.2          |
| 157                     | 6 | 78.980     | 3.026          | 1010.1      | 1.6          |

# BUOY 20835

| BUOY(20835)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20835)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 93                      | 3  | 82.305     | 17.890         | 1011.1      | -30.6        | 121                     | 1  | 81.408     | 15.022         | 1017.8      | -12.3        |
| 94                      | 4  | 82.243     | 17.774         | 1020.0      | -30.6        | 122                     | 2  | 81.379     | 14.690         | 1021.4      | -12.7        |
| 95                      | 5  | 82.180     | 17.613         | 1028.6      | -28.4        | 123                     | 3  | 81.342     | 14.502         | 1019.6      | -13.9        |
| 96                      | 6  | 82.207     | 17.773         | 1016.6      | -24.6        | 124                     | 4  | 81.339     | 14.284         | 1017.2      | -11.7        |
| 97                      | 7  | 82.265     | 17.340         | 1002.2      | -17.0        | 125                     | 5  | 81.405     | 14.180         | 1020.4      | -9.7         |
| 98                      | 8  | 82.315     | 16.995         | 981.0       | -12.9        | 126                     | 6  | 81.450     | 13.944         | 1014.5      | -9.7         |
| 99                      | 9  | 82.233     | 17.087         | 1008.8      | -21.2        | 127                     | 7  | 81.478     | 13.780         | 1011.1      | -9.7         |
| 100                     | 10 | 82.185     | 16.961         | 1018.6      | -22.3        | 128                     | 8  | 81.487     | 13.551         | 1013.2      | -7.3         |
| 101                     | 11 | 82.168     | 16.950         | 1029.0      | -16.1        | 129                     | 9  | 81.421     | 13.347         | 1009.5      | -9.4         |
| 102                     | 12 | 82.213     | 17.455         | 1023.2      | -7.3         | 130                     | 10 | 81.324     | 13.276         | 1007.8      | -7.5         |
| 103                     | 13 | 82.226     | 17.464         | 1015.9      | -8.3         | 131                     | 11 | 81.236     | 13.304         | 1014.0      | -9.0         |
| 104                     | 14 | 82.227     | 17.597         | 1009.6      | -7.0         | 132                     | 12 | 81.218     | 13.349         | 1017.9      | -11.1        |
| 105                     | 15 | 82.159     | 18.044         | 1016.2      | -15.3        | 133                     | 13 | 81.251     | 13.432         | 1007.5      | -5.1         |
| 106                     | 16 | 82.136     | 18.092         | 1014.9      | -13.9        | 134                     | 14 | 81.223     | 13.293         | 1004.9      | -5.8         |
| 107                     | 17 | 82.103     | 17.900         | 1018.9      | -14.6        | 135                     | 15 | 81.120     | 13.023         | 1006.9      | -8.3         |
| 108                     | 18 | 82.120     | 17.817         | 997.5       | -8.2         | 136                     | 16 | 81.042     | 13.135         | 1018.7      | -7.4         |
| 109                     | 19 | 82.045     | 18.131         | 998.4       | -16.8        | 137                     | 17 | 81.089     | 13.168         | 1019.4      | -6.3         |
| 110                     | 20 | 81.932     | 17.743         | 1011.4      | -20.6        | 138                     | 18 | 81.091     | 13.847         | 1024.1      | -4.9         |
| 111                     | 21 | 81.824     | 17.797         | 1023.9      | -23.0        | 139                     | 19 | 81.089     | 13.848         | 1024.8      | -5.4         |
| 112                     | 22 | 81.746     | 17.741         | 1032.8      | -21.9        | 140                     | 20 | 81.092     | 13.422         | 1016.5      | -4.7         |
| 113                     | 23 | 81.694     | 17.614         | 1036.3      | -20.5        | 141                     | 21 | 81.056     | 13.187         | 1014.2      | -5.8         |
| 114                     | 24 | 81.671     | 17.465         | 1037.9      | -20.1        | 142                     | 22 | 81.024     | 13.142         | 1016.7      | -6.1         |
| 115                     | 25 | 81.643     | 17.177         | 1037.0      | -20.7        | 143                     | 23 | 81.009     | 13.151         | 1010.3      | -10.1        |
| 116                     | 26 | 81.607     | 16.929         | 1034.6      | -19.9        | 144                     | 24 | 80.979     | 13.362         | 1012.2      | -10.8        |
| 117                     | 27 | 81.586     | 16.543         | 1031.2      | -14.0        | 145                     | 25 | 80.925     | 13.367         | 1018.4      | -6.1         |
| 118                     | 28 | 81.571     | 15.929         | 1032.0      | -12.2        | 146                     | 26 | 80.904     | 13.372         | 1016.0      | -3.7         |
| 119                     | 29 | 81.531     | 15.516         | 1024.4      | -14.4        | 147                     | 27 | 80.865     | 13.214         | 1016.9      | -3.9         |
| 120                     | 30 | 81.461     | 15.359         | 1016.1      | -15.2        | 148                     | 28 | 80.811     | 13.029         | 1018.8      | -3.3         |
|                         |    |            |                |             |              | 149                     | 29 | 80.776     | 12.909         | 1017.3      | -2.1         |
|                         |    |            |                |             |              | 150                     | 30 | 80.771     | 12.882         | 1017.7      | -2.3         |
|                         |    |            |                |             |              | 151                     | 31 | 80.764     | 12.898         | 1018.1      | -2.1         |

| BUOY(20835)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20835)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 80.765     | 13.024         | 1020.8      | -1.9         | 182                     | 1  | 80.463     | 13.274         | 1010.6      | 2.1          |
| 153                     | 2  | 80.763     | 13.201         | 1021.3      | -1.6         | 183                     | 2  | 80.382     | 13.123         | 1011.7      | 1.8          |
| 154                     | 3  | 80.751     | 13.338         | 1022.3      | -0.9         | 184                     | 3  | 80.304     | 12.687         | 1019.4      | 1.6          |
| 155                     | 4  | 80.758     | 13.386         | 1022.2      | 0.0          | 185                     | 4  | 80.293     | 12.529         | 1018.1      | 2.7          |
| 156                     | 5  | 80.765     | 13.324         | 1018.6      | 0.5          | 186                     | 5  | 80.286     | 12.327         | 1017.9      | 3.1          |
| 157                     | 6  | 80.809     | 13.071         | 1013.7      | 0.2          | 187                     | 6  | 80.278     | 12.012         | 1018.2      | 5.5          |
| 158                     | 7  | 80.780     | 12.662         | 1014.9      | -0.5         | 188                     | 7  | 80.236     | 11.730         | 1018.5      | 3.0          |
| 159                     | 8  | 80.751     | 12.267         | 1019.1      | 0.3          | 189                     | 8  | 80.223     | 11.401         | 1020.2      | 2.3          |
| 160                     | 9  | 80.710     | 12.100         | 1015.0      | 0.1          | 190                     | 9  | 80.218     | 11.284         | 1022.3      | 4.0          |
| 161                     | 10 | 80.658     | 12.014         | 1015.6      | -1.3         | 191                     | 10 | 80.227     | 10.850         | 1014.5      | 2.6          |
| 162                     | 11 | 80.578     | 11.842         | 1016.0      | -0.6         | 192                     | 11 | 80.264     | 10.588         | 1014.2      | 2.9          |
| 163                     | 12 | 80.514     | 11.656         | 1017.6      | 0.3          | 193                     | 12 | 80.244     | 10.486         | 1020.6      | 2.9          |
| 164                     | 13 | 80.418     | 11.428         | 1014.2      | 0.6          | 194                     | 13 | 80.223     | 10.037         | 1021.8      | 2.5          |
| 165                     | 14 | 80.353     | 11.118         | 1015.5      | 1.1          | 195                     | 14 | 80.221     | 9.813          | 1018.6      | 4.1          |
| 166                     | 15 | 80.287     | 10.753         | 1014.5      | 1.7          | 196                     | 15 | 80.243     | 9.676          | 1000.5      | 0.2*         |
| 167                     | 16 | 80.235     | 10.430         | 1013.6      | 1.9          | 197                     | 16 | 80.237     | 9.818          | 1009.3      | 1.5*         |
| 168                     | 17 | 80.186     | 10.289         | 1008.0      | 1.8          | 198                     | 17 | 80.255     | 10.371         | 1014.2      | 2.5          |
| 169                     | 18 | 80.189     | 10.519         | 1007.9      | 1.0          | 199                     | 18 | 80.341     | 11.220         | 1014.7      | 3.1          |
| 170                     | 19 | 80.250     | 10.958         | 1011.5      | 2.4          | 200                     | 19 | 80.376     | 10.650         | 1013.5      | 2.9*         |
| 171                     | 20 | 80.293     | 11.130         | 1008.4      | 2.3          | 201                     | 20 | 80.340     | 10.256         |             |              |
| 172                     | 21 | 80.331     | 11.267         | 1009.0      | 1.9          |                         |    |            |                |             |              |
| 173                     | 22 | 80.374     | 11.587         | 1011.5      | 3.2          |                         |    |            |                |             |              |
| 174                     | 23 | 80.427     | 11.958         | 1012.4      | 2.6          |                         |    |            |                |             |              |
| 175                     | 24 | 80.442     | 12.310         | 1010.0      | 2.2          |                         |    |            |                |             |              |
| 176                     | 25 | 80.425     | 12.305         | 1013.1      | 2.4          |                         |    |            |                |             |              |
| 177                     | 26 | 80.419     | 12.516         | 1014.9      | 1.8          |                         |    |            |                |             |              |
| 178                     | 27 | 80.405     | 12.508         | 1021.3      | 2.6          |                         |    |            |                |             |              |
| 179                     | 28 | 80.452     | 13.061         | 1012.8      | 2.6          |                         |    |            |                |             |              |
| 180                     | 29 | 80.481     | 13.528         | 1012.3      | 1.6          |                         |    |            |                |             |              |
| 181                     | 30 | 80.478     | 13.390         | 1010.7      | 2.5          |                         |    |            |                |             |              |

# BUOY 20857

| BUOY(20857)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20857)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 84.455     | -93.561        | 1010.3      | -21.3        | 32                      | 1  | 84.490     | -88.711        | 1011.5      | -26.2        |
| 2                       | 2  | 84.461     | -93.339        | 1020.0      | -21.4        | 33                      | 2  | 84.493     | -88.653        | 1015.2      | -26.6        |
| 3                       | 3  | 84.467     | -93.357        | 1017.3      | -23.0        | 34                      | 3  | 84.500     | -88.545        | 1023.2      | -26.8        |
| 4                       | 4  | 84.453     | -93.564        | 1013.0      | -23.2        | 35                      | 4  | 84.511     | -88.463        | 1022.3      | -27.7        |
| 5                       | 5  | 84.450     | -93.569        | 1016.9      | -22.7        | 36                      | 5  | 84.535     | -88.519        | 1011.0      | -27.9        |
| 6                       | 6  | 84.532     | -93.393        | 998.1       | -22.2        | 37                      | 6  | 84.500     | -89.029        | 1013.4      | -27.7        |
| 7                       | 7  | 84.605     | -92.849        | 1000.4      | -19.0        | 38                      | 7  | 84.441     | -89.063        | 1012.3      | -26.2        |
| 8                       | 8  | 84.630     | -92.660        | 1007.1      | -17.2        | 39                      | 8  | 84.372     | -89.231        | 1004.8      | -25.5        |
| 9                       | 9  | 84.615     | -92.390        | 1026.6      | -16.5        | 40                      | 9  | 84.293     | -89.797        | 1005.9      | -22.7        |
| 10                      | 10 | 84.590     | -92.253        | 1034.7      | -19.6        | 41                      | 10 | 84.217     | -90.415        | 1011.1      | -20.9        |
| 11                      | 11 | 84.575     | -91.972        | 1029.0      | -21.6        | 42                      | 11 | 84.188     | -90.426        | 1015.8      | -21.9        |
| 12                      | 12 | 84.580     | -91.534        | 1021.9      | -20.3        | 43                      | 12 | 84.190     | -90.421        | 1012.9      | -23.1        |
| 13                      | 13 | 84.578     | -90.577        | 1003.8      | -18.9        | 44                      | 13 | 84.184     | -90.390        | 1009.2      | -23.1        |
| 14                      | 14 | 84.542     | -90.819        | 1027.1      | -19.7        | 45                      | 14 | 84.174     | -90.248        | 1009.6      | -23.5        |
| 15                      | 15 | 84.558     | -90.553        | 1004.7      | -22.4        | 46                      | 15 | 84.174     | -90.238        | 1012.0      | -23.9        |
| 16                      | 16 | 84.555     | -90.574        | 1014.4      | -22.3        | 47                      | 16 | 84.172     | -90.244        | 1010.3      | -26.0        |
| 17                      | 17 | 84.552     | -90.534        | 1020.7      | -23.2        | 48                      | 17 | 84.173     | -90.239        | 1007.7      | -27.6        |
| 18                      | 18 | 84.553     | -90.546        | 1024.0      | -24.5        | 49                      | 18 | 84.154     | -90.353        | 1009.5      | -26.7        |
| 19                      | 19 | 84.552     | -90.549        | 1037.1      | -25.3        | 50                      | 19 | 84.149     | -90.297        | 1009.6      | -25.1        |
| 20                      | 20 | 84.538     | -89.986        | 1022.4      | -23.9        | 51                      | 20 | 84.144     | -90.243        | 1017.8      | -25.3        |
| 21                      | 21 | 84.526     | -89.521        | 1032.9      | -20.7        | 52                      | 21 | 84.144     | -90.246        | 1018.4      | -26.7        |
| 22                      | 22 | 84.521     | -88.916        | 1019.3      | -19.6        | 53                      | 22 | 84.151     | -90.205        | 1007.8      | -27.1        |
| 23                      | 23 | 84.485     | -89.000        | 1023.0      | -20.1        | 54                      | 23 | 84.153     | -90.211        | 1004.2      | -26.0        |
| 24                      | 24 | 84.478     | -88.923        | 1013.4      | -22.4        | 55                      | 24 | 84.152     | -90.198        | 1014.2      | -27.3        |
| 25                      | 25 | 84.477     | -88.934        | 1016.2      | -23.6        | 56                      | 25 | 84.152     | -90.185        | 1016.4      | -29.8        |
| 26                      | 26 | 84.479     | -88.937        | 1013.1      | -24.4        | 57                      | 26 | 84.151     | -90.168        | 1020.1      | -31.5        |
| 27                      | 27 | 84.478     | -88.929        | 1009.4      | -25.7        | 58                      | 27 | 84.153     | -90.152        | 1020.0      | -31.8        |
| 28                      | 28 | 84.492     | -88.826        | 1021.9      | -25.8        | 59                      | 28 | 84.153     | -90.146        | 1022.3      | -30.9        |
| 29                      | 29 | 84.512     | -88.706        | 1036.2      | -24.8        |                         |    |            |                |             |              |
| 30                      | 30 | 84.497     | -88.759        | 1031.6      | -26.0        |                         |    |            |                |             |              |
| 31                      | 31 | 84.485     | -88.793        | 1017.0      | -26.2        |                         |    |            |                |             |              |

| BUOY(20857)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20857)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 84.154     | -90.141        | 1029.0      | -30.9        | 91                      | 1  | 84.197     | -87.680        | 1018.5      | -25.5        |
| 61                      | 2  | 84.159     | -90.121        | 1027.7      | -31.3        | 92                      | 2  | 84.197     | -87.659        | 1018.7      | -24.3        |
| 62                      | 3  | 84.153     | -90.133        | 1029.7      | -31.7        | 93                      | 3  | 84.197     | -87.666        | 1024.3      | -24.3        |
| 63                      | 4  | 84.153     | -90.122        | 1034.7      | -32.0        | 94                      | 4  | 84.210     | -87.603        | 1030.0      | -24.4        |
| 64                      | 5  | 84.156     | -90.128        | 1034.9      | -32.1        | 95                      | 5  | 84.217     | -87.604        | 1020.4      | -23.3        |
| 65                      | 6  | 84.155     | -90.128        | 1039.6      | -31.6        | 96                      | 6  | 84.204     | -87.641        | 1014.6      | -23.6        |
| 66                      | 7  | 84.154     | -90.124        | 1026.8      | -30.7        | 97                      | 7  | 84.200     | -87.645        | 1012.9      | -24.1        |
| 67                      | 8  | 84.159     | -90.438        | 1020.3      | -28.7        | 98                      | 8  | 84.198     | -87.661        | 1014.8      | -24.7        |
| 68                      | 9  | 84.136     | -90.568        | 1027.9      | -28.0        | 99                      | 9  | 84.214     | -87.600        | 1007.7      | -24.9        |
| 69                      | 10 | 84.133     | -90.542        | 1018.4      | -29.0        | 100                     | 10 | 84.233     | -87.557        | 1013.6      | -24.6        |
| 70                      | 11 | 84.135     | -90.540        | 1010.4      | -29.5        | 101                     | 11 | 84.221     | -87.578        | 1017.0      | -24.4        |
| 71                      | 12 | 84.135     | -90.530        | 999.6       | -29.6        | 102                     | 12 | 84.210     | -87.587        | 1018.6      | -23.8        |
| 72                      | 13 | 84.133     | -90.456        | 997.9       | -30.5        | 103                     | 13 | 84.210     | -87.589        | 1022.1      | -23.9        |
| 73                      | 14 | 84.162     | -89.360        | 1004.4      | -29.1        | 104                     | 14 | 84.210     | -87.572        | 1017.7      | -24.3        |
| 74                      | 15 | 84.199     | -87.987        | 1017.2      | -26.6        | 105                     | 15 | 84.210     | -87.564        | 1015.4      | -23.7        |
| 75                      | 16 | 84.205     | -87.680        | 1018.5      | -26.2        | 106                     | 16 | 84.213     | -87.556        | 1014.6      | -23.4        |
| 76                      | 17 | 84.199     | -87.679        | 1016.8      | -25.9        | 107                     | 17 | 84.214     | -87.550        | 1013.8      | -23.1        |
| 77                      | 18 | 84.200     | -87.683        | 1026.8      | -25.5        | 108                     | 18 | 84.213     | -87.560        | 1011.3      | -22.8        |
| 78                      | 19 | 84.200     | -87.684        | 1017.0      | -25.2        | 109                     | 19 | 84.212     | -87.560        | 1017.1      | -22.1        |
| 79                      | 20 | 84.201     | -87.688        | 1006.9      | -25.3        | 110                     | 20 | 84.213     | -87.565        | 1028.9      | -22.0        |
| 80                      | 21 | 84.199     | -87.679        | 1004.1      | -25.3        | 111                     | 21 | 84.211     | -87.551        | 1036.7      | -22.1        |
| 81                      | 22 | 84.200     | -87.683        | 1007.6      | -26.9        | 112                     | 22 | 84.211     | -87.561        | 1036.8      | -22.2        |
| 82                      | 23 | 84.198     | -87.683        | 1014.1      | -28.4        | 113                     | 23 | 84.212     | -87.558        | 1035.5      | -21.9        |
| 83                      | 24 | 84.200     | -87.684        | 1015.2      | -29.4        | 114                     | 24 | 84.212     | -87.552        | 1034.2      | -21.5        |
| 84                      | 25 | 84.198     | -87.684        | 1011.8      | -29.8        | 115                     | 25 | 84.212     | -87.561        | 1037.3      | -20.9        |
| 85                      | 26 | 84.199     | -87.690        | 1013.9      | -30.2        | 116                     | 26 | 84.213     | -87.571        | 1044.9      | -20.5        |
| 86                      | 27 | 84.198     | -87.670        | 1014.5      | -30.5        | 117                     | 27 | 84.211     | -87.560        | 1040.4      | -20.1        |
| 87                      | 28 | 84.200     | -87.681        | 1021.0      | -29.7        | 118                     | 28 | 84.211     | -87.565        | 1037.0      | -19.2        |
| 88                      | 29 | 84.201     | -87.687        | 1026.8      | -28.7        | 119                     | 29 | 84.212     | -87.562        | 1029.7      | -18.5        |
| 89                      | 30 | 84.201     | -87.676        | 1020.8      | -28.0        | 120                     | 30 | 84.212     | -87.567        | 1028.9      | -18.4        |
| 90                      | 31 | 84.198     | -87.696        | 1014.4      | -27.1        |                         |    |            |                |             |              |

# BUOY 20857

| BUOY(20857)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20857)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 84.212     | -87.563        | 1030.9      | -18.0        | 152                     | 1  | 84.074     | -88.898        | 1012.8      | -6.4         |
| 122                     | 2  | 84.212     | -87.560        | 1034.3      | -17.0        | 153                     | 2  | 84.072     | -89.177        | 1015.6      | -5.6         |
| 123                     | 3  | 84.212     | -87.556        | 1028.0      | -16.0        | 154                     | 3  | 84.042     | -89.326        | 1019.3      | -4.8         |
| 124                     | 4  | 84.213     | -87.564        | 1017.5      | -13.6        | 155                     | 4  | 84.034     | -89.581        | 1017.7      | -4.7         |
| 125                     | 5  | 84.211     | -87.583        | 1014.1      | -11.8        | 156                     | 5  | 84.012     | -89.977        | 1020.1      | -4.6         |
| 126                     | 6  | 84.144     | -88.868        | 1003.1      | -11.7        | 157                     | 6  | 83.979     | -89.983        | 1022.7      | -4.0         |
| 127                     | 7  | 84.084     | -89.833        | 1000.3      | -11.2        | 158                     | 7  | 83.975     | -89.905        | 1022.2      | -3.7         |
| 128                     | 8  | 84.078     | -90.002        | 1008.3      | -11.2        | 159                     | 8  | 83.973     | -89.919        | 1020.8      | -3.5         |
| 129                     | 9  | 84.069     | -90.090        | 1015.7      | -11.8        | 160                     | 9  | 83.964     | -89.906        | 1021.7      | -3.2         |
| 130                     | 10 | 84.063     | -89.977        | 1018.1      | -11.6        | 161                     | 10 | 83.949     | -89.792        | 1023.5      | -3.0         |
| 131                     | 11 | 84.056     | -89.669        | 1014.7      | -11.3        | 162                     | 11 | 83.943     | -89.766        | 1024.9      | -2.8         |
| 132                     | 12 | 84.085     | -89.068        | 1006.7      | -11.8        | 163                     | 12 | 83.943     | -89.774        | 1025.0      | -2.3         |
| 133                     | 13 | 84.159     | -88.016        | 999.3       | -11.8        | 164                     | 13 | 83.946     | -89.738        | 1023.1      | -2.3         |
| 134                     | 14 | 84.213     | -87.135        | 1006.7      | -10.8        | 165                     | 14 | 83.947     | -89.731        | 1022.7      | -2.2         |
| 135                     | 15 | 84.222     | -86.960        | 1009.3      | -10.4        | 166                     | 15 | 83.946     | -89.737        | 1020.4      | -1.7         |
| 136                     | 16 | 84.223     | -86.959        | 1011.8      | -10.6        | 167                     | 16 | 83.935     | -89.893        | 1017.3      | -1.3         |
| 137                     | 17 | 84.222     | -86.952        | 1015.1      | -10.9        | 168                     | 17 | 83.901     | -90.211        | 1013.2      | -1.2         |
| 138                     | 18 | 84.223     | -86.960        | 1018.8      | -10.5        | 169                     | 18 | 83.855     | -90.377        | 1003.4      | -1.0         |
| 139                     | 19 | 84.223     | -86.975        | 1021.3      | -9.1         | 170                     | 19 | 83.869     | -90.117        | 990.5       | -0.9         |
| 140                     | 20 | 84.223     | -86.967        | 1020.1      | -9.0         | 171                     | 20 | 83.898     | -89.895        | 1001.7      | -0.7         |
| 141                     | 21 | 84.220     | -87.023        | 1016.1      | -8.3         | 172                     | 21 | 83.906     | -90.152        | 1000.7      | -0.4         |
| 142                     | 22 | 84.189     | -87.749        | 1009.4      | -8.9         | 173                     | 22 | 83.901     | -90.675        | 999.2       | -0.3         |
| 143                     | 23 | 84.115     | -89.113        | 1005.8      | -9.1         | 174                     | 23 | 83.909     | -91.127        | 1002.1      | -0.3         |
| 144                     | 24 | 84.046     | -89.097        | 1016.2      | -9.1         | 175                     | 24 | 83.887     | -91.176        | 1003.2      | -0.3         |
| 145                     | 25 | 84.019     | -88.792        | 1017.8      | -8.7         | 176                     | 25 | 83.857     | -90.925        | 1010.0      | -0.3         |
| 146                     | 26 | 84.016     | -88.697        | 1019.3      | -7.7         | 177                     | 26 | 83.843     | -90.673        | 1010.9      | -0.3         |
| 147                     | 27 | 84.017     | -88.690        | 1021.1      | -6.8         | 178                     | 27 | 83.850     | -90.421        | 1009.2      | -0.3         |
| 148                     | 28 | 84.018     | -88.675        | 1021.6      | -6.4         | 179                     | 28 | 83.851     | -90.263        | 1010.0      | -0.3         |
| 149                     | 29 | 84.039     | -88.724        | 1015.3      | -6.5         | 180                     | 29 | 83.860     | -89.930        | 1013.5      | -0.3         |
| 150                     | 30 | 84.069     | -88.679        | 1012.8      | -6.6         | 181                     | 30 | 83.860     | -89.817        | 1020.2      | -0.3         |
| 151                     | 31 | 84.069     | -88.756        | 1008.5      | -6.1         |                         |    |            |                |             |              |

| BUOY(20857)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20857)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 187                     | 6  | 83.902     | -89.245        | 1022.0      | 1.2          | 213                     | 1  | 84.032     | -88.181        | 996.1       | -0.6         |
| 188                     | 7  | 83.922     | -89.211        | 1016.5      | 0.7          | 214                     | 2  | 84.031     | -86.728        | 999.7       | -0.8         |
| 189                     | 8  | 83.941     | -89.067        | 1018.5      | 1.1          | 215                     | 3  | 84.040     | -85.175        | 1003.5      | 0.0          |
| 190                     | 9  | 83.964     | -89.160        | 1016.4      | 2.6          | 216                     | 4  | 84.064     | -83.808        | 1005.7      | -0.3         |
| 191                     | 10 | 83.975     | -89.289        | 1014.6      | 2.0          | 217                     | 5  | 84.101     | -83.119        | 1002.0      | 0.0          |
| 192                     | 11 | 83.978     | -89.399        | 1015.8      | 2.8          | 218                     | 6  | 84.137     | -82.219        | 1007.9      | 0.3          |
| 193                     | 12 | 83.973     | -89.311        | 1015.2      | 2.3          | 219                     | 7  | 84.149     | -82.313        | 1002.8      | 0.4          |
| 194                     | 13 | 83.971     | -89.337        | 1012.5      | 1.0          | 220                     | 8  | 84.122     | -82.811        | 1004.5      | 0.2          |
| 195                     | 14 | 83.957     | -89.732        | 1007.1      | 0.1          | 221                     | 9  | 84.132     | -82.574        | 1007.2      | -0.3         |
| 196                     | 15 | 83.963     | -90.183        | 1007.6      | -0.2         | 222                     | 10 | 84.158     | -82.508        | 996.1       | -0.8         |
| 197                     | 16 | 83.956     | -89.827        | 1001.5      | -0.1         | 223                     | 11 | 84.169     | -82.297        | 999.0       | 0.7          |
| 198                     | 17 | 83.980     | -89.531        | 1005.9      | 0.8          | 224                     | 12 | 84.173     | -82.168        | 1003.0      | -0.9         |
| 199                     | 18 | 84.006     | -89.464        | 1011.1      | 1.4          | 225                     | 13 | 84.186     | -82.679        | 994.5       | -1.8         |
| 200                     | 19 | 84.024     | -89.444        | 1004.2      | 1.8          | 226                     | 14 | 84.185     | -83.052        | 992.6       | -2.2         |
| 201                     | 20 | 84.021     | -89.440        | 999.6       | 1.8          | 227                     | 15 | 84.178     | -82.654        | 1000.7      | -2.0         |
| 202                     | 21 | 84.012     | -89.312        | 1005.6      | 0.4          | 228                     | 16 | 84.173     | -82.469        | 999.3       | -2.4         |
| 203                     | 22 | 83.982     | -89.293        | 1004.1      | 0.1          | 229                     | 17 | 84.159     | -82.436        | 999.9       | -3.4         |
| 204                     | 23 | 83.975     | -89.248        | 1004.9      | 1.3          | 230                     | 18 | 84.132     | -82.544        | 1007.3      | -3.3         |
| 205                     | 24 | 83.959     | -89.240        | 1005.1      | 1.5          | 231                     | 19 | 84.119     | -82.561        | 1009.4      | -2.8         |
| 206                     | 25 | 83.977     | -89.133        | 1004.9      | 1.5          | 232                     | 20 | 84.117     | -82.577        | 1001.9      | -3.8         |
| 207                     | 26 | 83.986     | -89.065        | 996.9       | 1.9          | 233                     | 21 | 84.123     | -82.543        | 1000.6      | -2.5         |
| 208                     | 27 | 84.001     | -88.724        | 999.9       | 0.7          | 234                     | 22 | 84.132     | -82.502        | 1011.0      | -3.8         |
| 209                     | 28 | 84.029     | -88.646        | 1004.9      | -0.2         | 235                     | 23 | 84.155     | -82.392        | 1015.4      | -3.5         |
| 210                     | 29 | 84.038     | -89.013        | 990.8       | -0.5         | 236                     | 24 | 84.179     | -81.857        | 1023.2      | 0.5          |
| 211                     | 30 | 84.046     | -88.826        | 990.2       | 0.4          | 237                     | 25 | 84.207     | -81.569        | 1020.4      | 0.9          |
| 212                     | 31 | 84.056     | -88.878        | 990.5       | -0.2         | 238                     | 26 | 84.229     | -81.296        | 1015.9      | 0.0          |
|                         |    |            |                |             |              | 239                     | 27 | 84.226     | -80.985        | 1017.6      | -2.8         |
|                         |    |            |                |             |              | 240                     | 28 | 84.220     | -80.207        | 1024.4      | -3.7         |
|                         |    |            |                |             |              | 241                     | 29 | 84.220     | -79.295        | 1025.8      | -4.3         |
|                         |    |            |                |             |              | 242                     | 30 | 84.219     | -78.771        | 1020.3      | -5.2         |
|                         |    |            |                |             |              | 243                     | 31 | 84.219     | -78.355        | 1010.2      | -5.3         |



# BUOY 20857

| BUOY(20857)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20857)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 84.217     | -77.409        | 996.6       | -2.8         | 274                     | 1  | 84.330     | -69.176        | 1017.6      | -15.7        |
| 245                     | 2  | 84.247     | -76.381        | 991.7       | -2.9         | 275                     | 2  | 84.322     | -69.303        | 1023.1      | -16.7        |
| 246                     | 3  | 84.249     | -76.061        | 1002.1      | -4.7         | 276                     | 3  | 84.314     | -69.423        | 1027.9      | -16.1        |
| 247                     | 4  | 84.251     | -75.398        | 1006.4      | -3.7         | 277                     | 4  | 84.312     | -69.571        | 1024.5      | -19.4        |
| 248                     | 5  | 84.266     | -75.211        | 1002.3      | -6.5         | 278                     | 5  | 84.323     | -69.939        | 1014.1      | -23.1        |
| 249                     | 6  | 84.280     | -75.003        | 1005.0      | -6.5         | 279                     | 6  | 84.309     | -70.035        | 1016.3      | -23.7        |
| 250                     | 7  | 84.287     | -74.964        | 1005.5      | -8.0         | 280                     | 7  | 84.309     | -69.997        | 1007.2      | -23.5        |
| 251                     | 8  | 84.292     | -74.928        | 1009.8      | -9.3         | 281                     | 8  | 84.301     | -70.060        | 1013.0      | -22.8        |
| 252                     | 9  | 84.293     | -74.844        | 1016.3      | -9.9         | 282                     | 9  | 84.300     | -70.056        | 1019.5      | -24.4        |
| 253                     | 10 | 84.309     | -74.992        | 1012.2      | -5.8         | 283                     | 10 | 84.288     | -70.208        | 1023.0      | -18.9        |
| 254                     | 11 | 84.352     | -75.708        | 1004.0      | -6.7         | 284                     | 11 | 84.275     | -70.851        | 1020.3      | -14.2        |
| 255                     | 12 | 84.370     | -76.228        | 1005.3      | -7.0         | 285                     | 12 | 84.260     | -71.746        | 1017.1      | -17.4        |
| 256                     | 13 | 84.377     | -76.259        | 1003.9      | -7.5         | 286                     | 13 | 84.245     | -72.441        | 1020.7      | -18.3        |
| 257                     | 14 | 84.382     | -76.651        | 997.9       | -9.6         | 287                     | 14 | 84.209     | -72.829        | 1020.8      | -14.5        |
| 258                     | 15 | 84.384     | -77.446        | 1004.0      | -9.7         | 288                     | 15 | 84.186     | -72.545        | 1020.8      | -14.0        |
| 259                     | 16 | 84.374     | -77.501        | 1018.5      | -14.9        | 289                     | 16 | 84.176     | -72.705        | 1033.0      | -16.1        |
| 260                     | 17 | 84.366     | -77.388        | 1021.2      | -14.3        | 290                     | 17 | 84.190     | -73.443        | 1027.4      | -18.2        |
| 261                     | 18 | 84.385     | -76.516        | 1007.7      | -9.6         | 291                     | 18 | 84.199     | -73.693        | 1021.9      | -17.1        |
| 262                     | 19 | 84.431     | -75.177        | 999.9       | -5.5         | 292                     | 19 | 84.203     | -73.711        | 1019.8      | -15.2        |
| 263                     | 20 | 84.374     | -73.868        | 1013.8      | -3.6         | 293                     | 20 | 84.189     | -73.557        | 1028.3      | -13.8        |
| 264                     | 21 | 84.324     | -72.482        | 1023.9      | -3.6         | 294                     | 21 | 84.183     | -73.730        | 1019.7      | -14.4        |
| 265                     | 22 | 84.288     | -71.423        | 1019.0      | -5.7         | 295                     | 22 | 84.167     | -73.676        | 1020.3      | -12.8        |
| 266                     | 23 | 84.241     | -71.093        | 1021.6      | -10.8        | 296                     | 23 | 84.127     | -74.292        | 1026.1      | -19.2        |
| 267                     | 24 | 84.241     | -71.026        | 1014.0      | -8.5         | 297                     | 24 | 84.111     | -75.448        | 1019.9      | -17.1        |
| 268                     | 25 | 84.253     | -70.757        | 1007.1      | -9.3         | 298                     | 25 | 84.104     | -75.723        | 1008.3      | -17.3        |
| 269                     | 26 | 84.275     | -69.922        | 997.0       | -9.5         | 299                     | 26 | 84.054     | -75.585        | 1003.6      | -18.6        |
| 270                     | 27 | 84.293     | -69.876        | 995.6       | -14.8        | 300                     | 27 | 84.012     | -75.207        | 1005.1      | -22.4        |
| 271                     | 28 | 84.303     | -69.862        | 1004.9      | -14.2        | 301                     | 28 | 84.014     | -74.993        | 1010.6      | -24.7        |
| 272                     | 29 | 84.335     | -69.550        | 1009.6      | -8.6         | 302                     | 29 | 84.015     | -74.987        | 1018.5      | -21.4        |
| 273                     | 30 | 84.335     | -69.167        | 1013.0      | -12.8        | 303                     | 30 | 84.014     | -74.924        | 1026.6      | -18.9        |
|                         |    |            |                |             |              | 304                     | 31 | 84.017     | -74.754        | 1028.9      | -22.1        |

| BUOY(20857)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20857)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 84.024     | -74.739        | 1026.1      | -25.1        | 335                     | 1  | 83.996     | -76.392        | 1005.2      | -35.8        |
| 306                     | 2  | 84.024     | -74.781        | 1025.7      | -28.0        | 336                     | 2  | 84.003     | -76.075        | 1000.5      | -30.2        |
| 307                     | 3  | 84.021     | -74.793        | 1025.9      | -30.7        | 337                     | 3  | 84.026     | -75.559        | 1001.0      | -27.8        |
| 308                     | 4  | 84.018     | -74.774        | 1021.4      | -33.1        | 338                     | 4  | 84.047     | -74.927        | 1004.3      | -27.6        |
| 309                     | 5  | 84.018     | -74.789        | 1019.0      | -33.4        | 339                     | 5  | 84.041     | -74.920        | 1002.8      | -24.7        |
| 310                     | 6  | 84.022     | -74.781        | 1017.7      | -34.7        | 340                     | 6  | 84.031     | -74.830        | 1006.6      | -36.4        |
| 311                     | 7  | 84.026     | -74.810        | 1015.6      | -36.7        | 341                     | 7  | 84.030     | -74.733        | 1013.3      | -38.3        |
| 312                     | 8  | 84.027     | -74.910        | 1005.7      | -33.4        | 342                     | 8  | 84.021     | -74.182        | 1016.3      | -29.6        |
| 313                     | 9  | 84.015     | -74.928        | 1012.6      | -32.3        | 343                     | 9  | 84.022     | -73.205        | 1013.3      | -25.6        |
| 314                     | 10 | 84.015     | -74.905        | 1009.7      | -28.9        | 344                     | 10 | 84.028     | -72.884        | 1013.1      | -29.0        |
| 315                     | 11 | 84.016     | -74.909        | 1011.2      | -30.1        | 345                     | 11 | 84.023     | -72.852        | 1014.2      | -31.5        |
| 316                     | 12 | 84.016     | -74.920        | 1017.8      | -29.8        | 346                     | 12 | 84.007     | -72.690        | 1015.0      | -24.8        |
| 317                     | 13 | 84.024     | -75.338        | 1012.2      | -26.6        | 347                     | 13 | 84.007     | -72.704        | 1022.2      | -31.8        |
| 318                     | 14 | 84.026     | -75.931        | 1011.0      | -26.3        | 348                     | 14 | 84.006     | -72.694        | 1022.4      | -29.6        |
| 319                     | 15 | 84.028     | -75.964        | 1018.6      | -28.3        | 349                     | 15 | 84.007     | -72.693        | 1017.8      | -34.7        |
| 320                     | 16 | 84.030     | -75.890        | 1017.6      | -24.0        | 350                     | 16 | 84.007     | -72.702        | 1015.3      | -32.6        |
| 321                     | 17 | 84.023     | -76.007        | 1019.1      | -24.4        | 351                     | 17 | 84.006     | -72.693        | 1017.9      | -33.6        |
| 322                     | 18 | 84.021     | -76.135        | 1021.6      | -23.4        | 352                     | 18 | 84.007     | -72.689        | 1018.7      | -34.6        |
| 323                     | 19 | 84.020     | -76.322        | 1020.5      | -23.7        | 353                     | 19 | 84.006     | -72.705        | 1028.7      | -35.7        |
| 324                     | 20 | 84.015     | -76.707        | 1022.3      | -26.4        | 354                     | 20 | 84.007     | -72.675        | 1025.5      | -31.7        |
| 325                     | 21 | 84.011     | -77.141        | 1014.3      | -27.9        | 355                     | 21 | 84.034     | -73.809        | 1007.2      | -22.1        |
| 326                     | 22 | 83.994     | -77.649        | 1005.8      | -27.0        | 356                     | 22 | 84.064     | -75.146        | 1003.7      | -20.6        |
| 327                     | 23 | 83.987     | -77.761        | 995.0       | -20.7        | 357                     | 23 | 84.072     | -76.488        | 1002.9      | -24.4        |
| 328                     | 24 | 83.994     | -77.369        | 1001.8      | -25.8        | 358                     | 24 | 84.039     | -77.632        | 1005.2      | -28.9        |
| 329                     | 25 | 83.996     | -76.818        | 1017.3      | -31.9        | 359                     | 25 | 83.989     | -78.753        | 1011.7      | -30.2        |
| 330                     | 26 | 84.000     | -76.763        | 1024.0      | -34.0        | 360                     | 26 | 83.915     | -79.804        | 1025.4      | -30.1        |
| 331                     | 27 | 83.992     | -77.084        | 1006.5      | -32.0        | 361                     | 27 | 83.834     | -80.508        | 1033.8      | -30.5        |
| 332                     | 28 | 83.985     | -77.123        | 1004.8      | -27.6        | 362                     | 28 | 83.761     | -81.057        | 1030.0      | -27.4        |
| 333                     | 29 | 83.984     | -76.965        | 1007.9      | -31.4        | 363                     | 29 | 83.686     | -81.228        | 1028.0      | -26.6        |
| 334                     | 30 | 83.990     | -76.632        | 1015.0      | -32.5        | 364                     | 30 | 83.659     | -81.080        | 1021.3      | -28.0        |
|                         |    |            |                |             |              | 365                     | 31 | 83.638     | -81.099        | 1023.7      | -34.8        |

# BUOY 20858

| BUOY(20858)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20858)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 106                     | 16 | 73.855     | -140.823       |             | -11.4        | 121                     | 1  | 73.787     | -143.671       |             | -6.9         |
| 107                     | 17 | 73.827     | -141.033       |             | -13.3        | 122                     | 2  | 73.739     | -143.612       |             | -6.5         |
| 108                     | 18 | 73.798     | -141.450       |             | -13.0        | 123                     | 3  | 73.738     | -143.605       |             | -6.1         |
| 109                     | 19 | 73.804     | -141.674       |             | -10.5        | 124                     | 4  | 73.747     | -143.708       |             | -11.1        |
| 110                     | 20 | 73.807     | -141.774       |             | -8.7         | 125                     | 5  | 73.781     | -143.771       |             | -10.2        |
| 111                     | 21 | 73.805     | -142.106       |             | -10.9        | 126                     | 6  | 73.738     | -143.781       |             | -8.0         |
| 112                     | 22 | 73.764     | -142.342       |             | -10.6        | 127                     | 7  | 73.637     | -143.844       |             | -10.4        |
| 113                     | 23 | 73.733     | -142.403       |             | -9.6         | 128                     | 8  | 73.579     | -143.682       |             | -10.8        |
| 114                     | 24 | 73.731     | -142.576       |             | -14.4        | 129                     | 9  | 73.553     | -143.707       |             | -8.8         |
| 115                     | 25 | 73.782     | -142.922       |             | -10.9        | 130                     | 10 | 73.564     | -143.957       |             | -12.8        |
| 116                     | 26 | 73.894     | -143.186       |             | -7.5         | 131                     | 11 | 73.611     | -144.451       |             | -13.3        |
| 117                     | 27 | 73.894     | -143.192       |             | -4.9         | 132                     | 12 | 73.637     | -144.782       |             | -13.7        |
| 118                     | 28 | 73.937     | -143.513       |             | -4.8         | 133                     | 13 | 73.655     | -144.919       |             | -13.5        |
| 119                     | 29 | 73.995     | -143.654       |             | -4.0         | 134                     | 14 | 73.650     | -144.911       |             | -12.8        |
| 120                     | 30 | 73.943     | -143.669       |             | -6.1         | 135                     | 15 | 73.647     | -144.845       |             | -11.0        |
|                         |    |            |                |             |              | 136                     | 16 | 73.650     | -144.699       |             | -8.8         |
|                         |    |            |                |             |              | 137                     | 17 | 73.635     | -144.498       |             | -7.8         |
|                         |    |            |                |             |              | 138                     | 18 | 73.718     | -144.275       |             | -4.6         |
|                         |    |            |                |             |              | 139                     | 19 | 73.758     | -144.115       |             | -1.2         |
|                         |    |            |                |             |              | 140                     | 20 | 73.785     | -143.996       | 1010.0      | 0.0          |
|                         |    |            |                |             |              | 141                     | 21 | 73.816     | -144.160       | 1007.2      | -1.0         |
|                         |    |            |                |             |              | 142                     | 22 | 73.810     | -144.468       | 1012.5      | -5.8         |
|                         |    |            |                |             |              | 143                     | 23 | 73.752     | -144.746       | 1018.1      | -6.1         |
|                         |    |            |                |             |              | 144                     | 24 | 73.741     | -144.982       | 1016.4      | -6.5         |
|                         |    |            |                |             |              | 145                     | 25 | 73.746     | -145.260       | 1012.8      | -7.5         |
|                         |    |            |                |             |              | 146                     | 26 | 73.756     | -145.523       | 1010.9      | -7.0         |
|                         |    |            |                |             |              | 147                     | 27 | 73.822     | -145.867       | 1008.2      | -4.3         |
|                         |    |            |                |             |              | 148                     | 28 | 73.908     | -145.853       | 1010.3      | -1.4         |
|                         |    |            |                |             |              | 149                     | 29 | 73.904     | -145.470       | 1013.8      | -4.7         |
|                         |    |            |                |             |              | 150                     | 30 | 73.888     | -145.167       | 1012.6      | -4.1         |
|                         |    |            |                |             |              | 151                     | 31 | 73.835     | -144.960       | 1016.0      | -5.0         |

| BUOY(20858)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20858)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 73.872     | -145.109       | 1013.5      | -4.7         | 182                     | 1  | 74.249     | -147.613       | 1008.9      | 1.2          |
| 153                     | 2  | 73.951     | -145.372       | 1011.2      | -2.1         | 183                     | 2  | 74.361     | -147.907       | 994.2       | 0.8          |
| 154                     | 3  | 73.944     | -145.254       | 1015.4      | -1.2         | 184                     | 3  | 74.381     | -147.927       | 997.0       | 0.7          |
| 155                     | 4  | 73.901     | -144.954       | 1023.1      | -3.5         | 185                     | 4  | 74.310     | -147.947       | 1007.1      | -0.3         |
| 156                     | 5  | 73.928     | -145.042       | 1025.8      | -1.5         | 186                     | 5  | 74.272     | -147.850       | 1014.9      | 0.5          |
| 157                     | 6  | 73.960     | -145.194       | 1025.1      | 0.3          | 187                     | 6  | 74.322     | -147.795       | 1012.6      | 0.4          |
| 158                     | 7  | 73.984     | -145.119       | 1018.8      | 0.4          | 188                     | 7  | 74.316     | -147.848       | 1006.3      | 0.2          |
| 159                     | 8  | 73.968     | -145.153       | 1020.1      | -0.8         | 189                     | 8  | 74.202     | -147.607       | 1007.3      | -0.3         |
| 160                     | 9  | 74.040     | -145.300       | 1021.6      | -0.7         | 190                     | 9  | 74.084     | -147.236       | 1008.0      | 0.0          |
| 161                     | 10 | 74.091     | -145.554       | 1028.0      | -1.3         | 191                     | 10 | 74.007     | -147.091       | 1012.8      | 0.1          |
| 162                     | 11 | 74.135     | -145.869       | 1029.2      | -4.5         | 192                     | 11 | 74.035     | -146.839       | 1009.1      | 0.7          |
| 163                     | 12 | 74.180     | -146.145       | 1026.5      | -4.8         | 193                     | 12 | 74.053     | -146.708       | 1006.0      | 0.6          |
| 164                     | 13 | 74.206     | -146.350       | 1022.0      | -4.6         | 194                     | 13 | 74.039     | -146.424       | 1006.0      | -0.7         |
| 165                     | 14 | 74.237     | -146.539       | 1015.2      | -5.1         | 195                     | 14 | 74.046     | -146.236       | 1003.2      | -0.8         |
| 166                     | 15 | 74.256     | -146.748       | 1010.7      | -3.5         | 196                     | 15 | 74.088     | -146.153       | 1006.2      | -0.9         |
| 167                     | 16 | 74.280     | -147.013       | 1014.5      | -1.6         | 197                     | 16 | 74.110     | -146.258       | 1008.1      | -1.0         |
| 168                     | 17 | 74.239     | -147.065       | 1019.1      | -0.7         | 198                     | 17 | 74.040     | -146.034       | 1005.9      | -1.7         |
| 169                     | 18 | 74.175     | -147.196       | 1021.5      | -1.1         | 199                     | 18 | 74.030     | -145.520       | 1002.0      | -0.5         |
| 170                     | 19 | 74.135     | -147.377       | 1020.2      | -0.3         | 200                     | 19 | 73.913     | -145.017       | 1009.1      | 0.0          |
| 171                     | 20 | 74.064     | -147.352       | 1015.5      | 0.8          | 201                     | 20 | 73.872     | -144.601       | 1005.8      | 0.6          |
| 172                     | 21 | 73.982     | -147.169       | 1011.5      | -0.4         | 202                     | 21 | 73.820     | -144.183       | 1008.0      | 0.9          |
| 173                     | 22 | 73.900     | -146.781       | 1007.6      | 0.0          | 203                     | 22 | 73.841     | -144.008       | 1005.6      | 1.3          |
| 174                     | 23 | 73.834     | -146.614       | 1014.0      | 0.5*         | 204                     | 23 | 73.804     | -143.839       | 1007.3      | 0.6          |
| 175                     | 24 | 73.852     | -146.603       | 1015.1      | 0.3*         | 205                     | 24 | 73.800     | -143.272       | 1002.8      | -0.4         |
| 176                     | 25 | 73.915     | -146.593       | 1013.3      | 0.0          | 206                     | 25 | 73.814     | -142.742       | 993.0       | -0.5         |
| 177                     | 26 | 73.994     | -146.790       | 1010.3      | 0.2          | 207                     | 26 | 73.777     | -141.992       | 992.6       | -0.6         |
| 178                     | 27 | 74.049     | -146.869       | 1013.4      | 1.4          | 208                     | 27 | 73.785     | -141.311       | 993.8       | -0.7         |
| 179                     | 28 | 74.021     | -146.966       | 1020.5      | 0.5          | 209                     | 28 | 73.790     | -140.694       | 993.9       | -1.1         |
| 180                     | 29 | 74.036     | -147.162       | 1020.0      | 1.3          | 210                     | 29 | 73.698     | -140.258       | 998.8       | -0.3         |
| 181                     | 30 | 74.148     | -147.355       | 1015.0      | 1.3          | 211                     | 30 | 73.685     | -139.224       | 996.8       | -0.6         |
|                         |    |            |                |             |              | 212                     | 31 | 73.587     | -138.800       | 1013.7      | -1.2         |

# BUOY 20858

| BUOY(20858)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20858)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 213                     | 1  | 73.528     | -138.613       | 1021.0      | -2.3         | 244                     | 1  | 72.665     | -139.198       | 1014.0      | -0.4         |
| 214                     | 2  | 73.486     | -138.319       | 1020.4      | -3.1         | 245                     | 2  | 72.648     | -139.795       | 1010.8      | -0.7         |
| 215                     | 3  | 73.509     | -138.268       | 1013.6      | -1.5         | 246                     | 3  | 72.664     | -140.448       | 998.4       | -0.3         |
| 216                     | 4  | 73.478     | -138.429       | 1014.5      | -0.6         | 247                     | 4  | 72.606     | -140.559       | 997.1       | -0.3         |
| 217                     | 5  | 73.523     | -138.104       | 997.6       | -0.6         | 248                     | 5  | 72.475     | -140.284       | 1007.7      | -1.4         |
| 218                     | 6  | 73.362     | -137.331       | 1001.9      | -1.1         | 249                     | 6  | 72.465     | -140.123       | 1010.0      | -1.8         |
| 219                     | 7  | 73.232     | -136.664       | 999.1       | -1.1         | 250                     | 7  | 72.586     | -139.897       | 1005.9      | -1.1         |
| 220                     | 8  | 73.057     | -136.503       | 1022.9      | -1.3         | 251                     | 8  | 72.725     | -139.797       | 997.6       | -1.1         |
| 221                     | 9  | 73.008     | -136.035       | 1010.6      | -0.8         | 252                     | 9  | 72.727     | -139.812       | 1001.5      | -1.6         |
| 222                     | 10 | 72.907     | -135.915       | 1014.9      | -2.6         | 253                     | 10 | 72.762     | -139.596       | 999.0       | -2.0         |
| 223                     | 11 | 72.854     | -135.692       | 1004.4      | -2.7         | 254                     | 11 | 72.838     | -139.209       | 995.8       | -1.8         |
| 224                     | 12 | 72.712     | -135.353       | 1003.9      | -1.7         | 255                     | 12 | 72.857     | -138.923       | 1004.3      | -2.9         |
| 225                     | 13 | 72.621     | -135.052       | 1002.6      | -2.1         | 256                     | 13 | 72.789     | -138.843       | 1016.0      | -2.2         |
| 226                     | 14 | 72.621     | -135.163       | 1009.0      | -3.3         | 257                     | 14 | 72.685     | -138.581       | 1023.8      | -1.7         |
| 227                     | 15 | 72.639     | -135.558       | 1007.1      | -1.8         | 258                     | 15 | 72.699     | -138.173       | 1024.7      | -1.9         |
| 228                     | 16 | 72.660     | -136.015       | 999.7       | -1.3         | 259                     | 16 | 72.700     | -137.914       | 1015.7      | -2.3         |
| 229                     | 17 | 72.683     | -136.414       | 1000.8      | -0.5         | 260                     | 17 | 72.653     | -138.629       | 1031.9      | -4.1         |
| 230                     | 18 | 72.739     | -136.848       | 1008.7      | -0.5         | 261                     | 18 | 72.649     | -138.656       | 1021.9      | -5.1         |
| 231                     | 19 | 72.706     | -137.349       | 1015.6      | -1.2         | 262                     | 19 | 72.690     | -138.824       | 1017.1      | -3.7         |
| 232                     | 20 | 72.733     | -137.799       | 1019.1      | -1.9         | 263                     | 20 | 72.561     | -139.137       | 1019.6      | -4.9         |
| 233                     | 21 | 72.730     | -137.957       | 1018.9      | -1.8         | 266                     | 23 | 72.032     | -139.466       | 1028.4      | -2.5         |
| 234                     | 22 | 72.740     | -138.077       | 1014.2      | -1.6         | 267                     | 24 | 71.994     | -139.452       | 1018.7      | -3.2         |
| 235                     | 23 | 72.743     | -138.195       | 1004.8      | -0.8         | 268                     | 25 | 72.016     | -139.809       | 1011.6      | -5.5         |
| 236                     | 24 | 72.668     | -138.055       | 1001.9      | -1.3         | 269                     | 26 | 72.019     | -139.737       | 1009.3      | -3.9         |
| 237                     | 25 | 72.614     | -137.826       | 1008.4      | -1.2         | 270                     | 27 | 71.920     | -139.037       | 1015.5      | -2.0         |
| 238                     | 26 | 72.659     | -137.425       | 1011.2      | -0.7         | 271                     | 28 | 71.828     | -138.642       | 1025.6      | -2.6         |
| 239                     | 27 | 72.690     | -137.486       | 1014.1      | -0.5         | 272                     | 29 | 71.805     | -138.695       | 1013.0      | -2.6         |
| 240                     | 28 | 72.601     | -137.809       | 1019.1      | -0.9         | 273                     | 30 | 71.833     | -138.788       | 1007.6      | -2.1         |
| 241                     | 29 | 72.524     | -138.138       | 1021.7      | -0.8         |                         |    |            |                |             |              |
| 242                     | 30 | 72.511     | -138.350       | 1021.8      | -2.2         |                         |    |            |                |             |              |
| 243                     | 31 | 72.624     | -138.806       | 1012.0      | -0.7         |                         |    |            |                |             |              |

| BUOY(20858)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(20858)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 71.764     | -138.851       | 1011.8      | -2.5         | 305                     | 1  | 72.035     | -148.953       | 1033.4      | -5.5         |
| 275                     | 2  | 71.784     | -139.259       | 1002.0      | -1.2         | 306                     | 2  | 72.000     | -149.437       | 1030.4      | -11.5        |
| 276                     | 3  | 71.808     | -139.650       | 992.0       | 0.3          | 307                     | 3  | 72.255     | -150.231       | 1023.9      | -8.1         |
| 277                     | 4  | 71.757     | -139.590       | 996.3       | -1.0         | 308                     | 4  | 72.477     | -150.031       | 1021.7      | -8.7         |
| 278                     | 5  | 71.664     | -139.861       | 1010.8      | -3.4         | 309                     | 5  | 72.601     | -149.533       | 1013.4      | -4.2         |
| 279                     | 6  | 71.685     | -140.420       | 1019.4      | -7.2         | 310                     | 6  | 72.556     | -148.837       | 1009.2      | -3.0         |
| 280                     | 7  | 71.812     | -141.388       | 1004.6      | -5.8         | 311                     | 7  | 72.443     | -148.650       | 1010.1      | -10.8        |
| 281                     | 8  | 71.870     | -142.211       | 995.7       | -1.9         | 312                     | 8  | 72.354     | -148.673       | 1009.5      | -17.5        |
| 282                     | 9  | 71.811     | -142.396       | 995.1       | -3.5         | 313                     | 9  | 72.321     | -149.121       | 1001.0      | -19.9        |
| 283                     | 10 | 71.768     | -142.340       | 1004.1      | -4.0         | 314                     | 10 | 72.324     | -149.314       | 1004.2      | -19.5        |
| 284                     | 11 | 71.736     | -142.569       | 1009.7      | -6.0         | 315                     | 11 | 72.282     | -149.383       | 1010.5      | -18.1        |
| 285                     | 12 | 71.728     | -143.098       | 1012.6      | -4.7         | 316                     | 12 | 72.242     | -149.119       | 1001.9      | -14.4        |
| 286                     | 13 | 71.776     | -143.595       | 1016.8      | -5.5         | 317                     | 13 | 72.207     | -149.132       | 1001.7      | -19.1        |
| 287                     | 14 | 71.847     | -143.718       | 1022.1      | -7.3         | 318                     | 14 | 72.201     | -149.244       | 1004.8      | -23.7        |
| 288                     | 15 | 71.928     | -143.935       | 1022.5      | -11.3        | 319                     | 15 | 72.231     | -149.468       | 1008.0      | -22.4        |
| 289                     | 16 | 72.105     | -144.804       | 1018.9      | -13.6        | 320                     | 16 | 72.237     | -149.630       | 1004.2      | -26.6        |
| 290                     | 17 | 72.152     | -145.837       | 1012.8      | -11.6        | 321                     | 17 | 72.268     | -149.571       | 1006.6      | -28.7        |
| 291                     | 18 | 72.155     | -146.530       | 1011.1      | -16.7        | 322                     | 18 | 72.363     | -149.703       | 1012.2      | -24.8        |
| 292                     | 19 | 72.161     | -147.171       | 1007.0      | -10.3        | 323                     | 19 | 72.537     | -149.911       | 1012.1      | -22.5        |
| 293                     | 20 | 72.170     | -147.445       | 1011.6      | -4.3         | 324                     | 20 | 72.658     | -149.967       | 1021.7      | -22.0        |
| 294                     | 21 | 72.151     | -147.668       | 1015.6      | -4.0         | 325                     | 21 | 72.807     | -150.373       | 1002.9      | -18.5        |
| 295                     | 22 | 72.162     | -147.828       | 1020.8      | -4.2         | 326                     | 22 | 72.938     | -150.467       | 991.5       | -11.4        |
| 296                     | 23 | 72.110     | -148.019       | 1018.5      | -4.7         | 327                     | 23 | 72.843     | -150.319       | 1014.3      | -22.8        |
| 297                     | 24 | 72.060     | -148.465       | 1017.4      | -4.4         | 328                     | 24 | 72.906     | -150.580       | 993.5       | -20.1        |
| 298                     | 25 | 71.981     | -149.073       | 1011.7      | -5.6         | 329                     | 25 | 72.839     | -150.566       | 998.8       | -21.4        |
| 299                     | 26 | 71.879     | -149.959       | 1018.7      | -9.0         | 330                     | 26 | 72.846     | -150.253       | 1007.2      | -22.7        |
| 300                     | 27 | 72.038     | -150.142       | 1009.8      | -6.8         | 331                     | 27 | 72.924     | -149.699       | 1002.8      | -18.5        |
| 301                     | 28 | 71.998     | -150.090       | 1026.5      | -10.6        | 332                     | 28 | 73.095     | -149.795       | 981.0       | -15.0        |
| 302                     | 29 | 71.996     | -150.391       | 1034.7      | -7.5         | 333                     | 29 | 73.094     | -149.693       | 993.1       | -21.9        |
| 303                     | 30 | 72.359     | -150.171       | 1019.7      | -1.6         | 334                     | 30 | 73.081     | -149.720       | 1001.8      | -24.9        |
| 304                     | 31 | 72.330     | -149.306       | 1017.0      | -1.7         |                         |    |            |                |             |              |

# BUOY 20858

| BUOY(20858)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 73.092     | -149.763       | 1001.4      | -26.2        |
| 336                     | 2  | 73.077     | -149.882       | 1004.6      | -25.4        |
| 337                     | 3  | 73.054     | -149.862       | 1009.4      | -25.9        |
| 338                     | 4  | 73.026     | -149.557       | 1023.5      | -23.9        |
| 339                     | 5  | 73.022     | -149.439       | 1024.3      | -24.8        |
| 340                     | 6  | 73.036     | -149.403       | 1023.2      | -24.8        |
| 341                     | 7  | 73.077     | -149.611       | 1018.4      | -22.3        |
| 342                     | 8  | 73.123     | -149.802       | 1012.6      | -23.2        |
| 343                     | 9  | 73.081     | -149.710       | 1018.6      | -24.3        |
| 344                     | 10 | 73.068     | -149.704       | 1020.1      | -25.1        |
| 345                     | 11 | 73.092     | -150.054       | 1015.2      | -23.8        |
| 359                     | 25 | 73.749     | -160.005       | 1015.3      | -15.2*       |
| 360                     | 26 | 73.786     | -160.068       | 1030.7      | -18.3        |
| 361                     | 27 | 73.839     | -160.266       | 1036.6      | -20.4        |

# BUOY 23676

| BUOY(23676)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(23676)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 232                     | 20 | 77.995     | -139.979       | 1016.0      | -1.0         | 244                     | 1  | 78.138     | -134.602       | 1014.2      | -2.5         |
| 233                     | 21 | 77.934     | -139.559       | 1012.8      | -0.7         | 246                     | 3  | 78.079     | -133.742       | 1005.8      | -3.5*        |
| 234                     | 22 | 77.934     | -138.459       | 1007.7      | -1.3*        | 248                     | 5  | 78.079     | -134.149       | 998.3       | -3.8         |
| 235                     | 23 | 77.963     | -137.574       | 1006.8      | -1.3         | 249                     | 6  | 77.991     | -134.080       | 1008.6      | -6.8         |
| 236                     | 24 | 78.062     | -137.756       | 994.0       | -0.4         | 250                     | 7  | 78.093     | -133.858       | 1004.0      | -3.3         |
| 239                     | 27 | 78.222     | -136.083       | 1015.5      | -3.3         | 251                     | 8  | 78.291     | -133.676       | 1001.4      | -0.8         |
| 241                     | 29 | 78.217     | -135.442       | 1025.4      | -3.7*        | 252                     | 9  | 78.516     | -133.866       | 997.6       | -1.7         |
| 242                     | 30 | 78.157     | -135.503       |             | -1.5*        | 257                     | 14 | 78.235     | -133.875       | 1011.8      | -4.6         |
| 243                     | 31 | 78.159     | -135.037       | 1016.8      | -0.4         | 258                     | 15 | 78.111     | -133.613       |             | -4.0*        |
|                         |    |            |                |             |              | 259                     | 16 | 78.050     | -133.666       | 1029.0      | -5.1*        |
|                         |    |            |                |             |              | 260                     | 17 | 77.982     | -133.622       | 1028.8      | -5.5         |
|                         |    |            |                |             |              | 261                     | 18 | 78.044     | -132.777       | 1013.5      | -2.2         |
|                         |    |            |                |             |              | 262                     | 19 | 78.058     | -132.046       | 1017.0      | -2.1         |
|                         |    |            |                |             |              | 264                     | 21 | 78.124     | -131.980       | 1023.9      | -12.5        |
|                         |    |            |                |             |              | 265                     | 22 | 78.135     | -132.021       | 1022.1      | -5.6         |
|                         |    |            |                |             |              | 266                     | 23 | 78.150     | -132.086       | 1025.3      | -7.2         |
|                         |    |            |                |             |              | 267                     | 24 | 78.180     | -131.882       | 1015.9      | -3.5         |
|                         |    |            |                |             |              | 268                     | 25 | 78.206     | -131.548       | 1001.8      | -4.2         |
|                         |    |            |                |             |              | 269                     | 26 | 78.190     | -131.185       | 994.7       | -7.9         |
|                         |    |            |                |             |              | 272                     | 29 | 78.018     | -130.175       | 1018.5      | -2.3         |
|                         |    |            |                |             |              | 273                     | 30 | 78.034     | -130.186       | 1011.7      | -5.0*        |

| BUOY(23676)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(23676)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 78.063     | -130.451       | 1011.0      | -6.5*        | 307                     | 3  | 78.072     | -133.825       | 1031.0      | -21.0        |
| 275                     | 2  | 78.085     | -130.718       | 1013.9      | -10.4        | 308                     | 4  | 78.087     | -133.810       | 1029.6      | -23.4        |
| 276                     | 3  | 78.116     | -131.043       | 1015.6      | -13.2        | 309                     | 5  | 78.215     | -133.649       | 1009.9      | -14.3        |
| 277                     | 4  | 78.309     | -131.993       | 990.8       | -6.4         | 312                     | 8  | 78.011     | -133.431       | 999.4       | -22.0        |
| 278                     | 5  | 78.259     | -132.176       | 1006.0      | -9.4         | 313                     | 9  | 77.894     | -133.589       | 996.7       | -21.0        |
| 279                     | 6  | 78.101     | -132.113       | 1022.6      | -12.1        | 316                     | 12 | 77.746     | -133.948       | 1004.6      | -27.3*       |
| 280                     | 7  | 78.088     | -131.629       | 1021.2      | -6.5         | 317                     | 13 | 77.770     | -134.096       | 1009.5      | -29.8        |
| 281                     | 8  | 78.074     | -131.643       | 1020.2      | -10.7        | 318                     | 14 | 77.786     | -134.217       | 1011.7      | -22.7        |
| 282                     | 9  | 78.125     | -132.156       | 1018.1      | -15.2        | 319                     | 15 | 77.767     | -134.226       | 1011.5      | -19.4        |
| 283                     | 10 | 78.170     | -132.809       | 1017.6      | -14.0        | 320                     | 16 | 77.791     | -134.302       | 1011.4      | -19.4        |
| 286                     | 13 | 78.137     | -133.891       | 1025.9      | -21.1        | 321                     | 17 | 77.869     | -134.870       | 1006.6      | -13.2        |
| 287                     | 14 | 78.109     | -134.100       |             | -22.7*       | 322                     | 18 | 77.881     | -134.688       | 1019.7      | -23.9        |
| 288                     | 15 | 78.111     | -134.313       | 1034.8      | -23.6        | 323                     | 19 | 77.849     | -134.560       | 1015.7      | -21.9        |
| 289                     | 16 | 78.068     | -134.505       | 1031.0      | -16.8*       | 326                     | 22 | 77.948     | -134.448       | 998.7       | -19.9        |
| 290                     | 17 | 78.045     | -134.808       | 1021.7      | -15.5*       | 327                     | 23 | 78.053     | -134.059       | 1003.6      | -23.0        |
| 291                     | 18 | 77.982     | -135.064       | 1011.5      | -15.8        | 328                     | 24 | 78.083     | -133.798       | 1004.8      | -25.3        |
| 293                     | 20 | 77.989     | -134.886       | 1024.6      | -18.9        | 329                     | 25 | 78.163     | -134.044       | 1001.2      | -20.1        |
| 294                     | 21 | 78.047     | -134.975       | 1024.3      | -19.4        | 330                     | 26 | 78.230     | -134.380       | 1003.6      | -19.6        |
| 295                     | 22 | 78.037     | -135.115       |             | -19.7*       | 331                     | 27 | 78.221     | -134.236       | 1006.9      | -24.7        |
| 296                     | 23 | 78.051     | -135.340       | 1026.3      | -14.8        | 332                     | 28 | 78.270     | -134.102       | 1002.2      | -25.0        |
| 297                     | 24 | 78.067     | -135.476       | 1027.4      | -11.7        |                         |    |            |                |             |              |
| 300                     | 27 | 78.119     | -135.621       | 1007.6      | -15.3        |                         |    |            |                |             |              |
| 301                     | 28 | 78.222     | -134.886       | 996.9       | -18.1        |                         |    |            |                |             |              |
| 302                     | 29 | 78.141     | -134.726       | 1026.4      | -20.4        |                         |    |            |                |             |              |
| 303                     | 30 | 78.174     | -134.686       | 1019.2      | -16.8        |                         |    |            |                |             |              |
| 304                     | 31 | 78.288     | -134.412       | 1007.0      | -6.5         |                         |    |            |                |             |              |

# BUOY 23676

| BUOY(23676)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 336                     | 2  | 78.535     | -134.482       | 999.1       | -29.9        |
| 337                     | 3  | 78.528     | -134.066       | 1000.3      | -27.6        |
| 338                     | 4  | 78.484     | -133.750       | 1009.0      | -28.6        |
| 339                     | 5  | 78.436     | -133.400       | 1019.5      | -29.4        |
| 340                     | 6  | 78.425     | -133.194       | 1018.3      | -28.7        |
| 341                     | 7  | 78.420     | -133.086       | 1023.8      | -28.9        |
| 342                     | 8  | 78.463     | -132.940       | 1021.3      | -23.6        |
| 343                     | 9  | 78.506     | -132.850       |             | -25.8*       |
| 345                     | 11 | 78.449     | -132.876       | 1026.7      | -31.4        |
| 346                     | 12 | 78.444     | -132.900       | 1029.1      | -32.1        |
| 347                     | 13 | 78.455     | -132.965       | 1029.5      | -26.4        |
| 348                     | 14 | 78.450     | -133.138       | 1024.9      | -29.3        |
| 349                     | 15 | 78.430     | -133.393       | 1021.6      | -27.7        |
| 350                     | 16 | 78.373     | -133.683       | 1018.5      | -27.9        |
| 351                     | 17 | 78.315     | -133.868       | 1020.2      | -30.3        |
| 352                     | 18 | 78.273     | -133.984       | 1028.5      | -30.8        |
| 353                     | 19 | 78.250     | -134.004       | 1030.6      | -30.0        |
| 354                     | 20 | 78.237     | -134.228       | 1017.7      | -30.7        |
| 355                     | 21 | 78.191     | -134.351       | 1001.7      | -29.5        |
| 356                     | 22 | 78.175     | -134.447       | 1000.8      | -29.0        |
| 359                     | 25 | 78.023     | -135.034       | 1016.1      | -27.2        |
| 360                     | 26 | 77.945     | -135.255       | 1031.8      | -27.5*       |
| 361                     | 27 | 77.893     | -135.365       | 1038.9      | -28.5        |
| 363                     | 29 | 77.827     | -135.593       | 1040.0      | -28.1        |
| 364                     | 30 | 77.852     | -135.772       | 1031.8      | -26.9        |

# BUOY 23678

| BUOY(23678)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(23678)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 232                     | 20 | 74.920     | -130.064       | 1016.2      | 0.2          | 244                     | 1  | 74.607     | -130.726       | 1015.6      | 0.0          |
| 234                     | 22 | 74.818     | -129.818       | 1018.5      | -2.7         | 245                     | 2  | 74.553     | -130.915       | 1014.1      | -2.1*        |
| 235                     | 23 | 74.842     | -129.821       | 1008.0      | 0.6          | 246                     | 3  | 74.543     | -131.130       | 1001.7      | -0.6         |
| 236                     | 24 | 74.865     | -129.812       | 999.4       | -0.5         | 248                     | 5  | 74.503     | -130.951       | 999.8       | -0.3         |
| 237                     | 25 | 74.875     | -129.662       | 1003.7      | -1.8         | 249                     | 6  | 74.392     | -130.960       | 1010.6      | -3.9         |
| 238                     | 26 | 74.880     | -129.280       | 1013.3      | -1.4         | 250                     | 7  | 74.393     | -130.911       | 1009.5      | -2.0         |
| 239                     | 27 | 74.885     | -129.216       | 1018.0      | -2.6         | 251                     | 8  | 74.522     | -130.684       | 1004.3      | -0.7         |
| 240                     | 28 | 74.837     | -129.651       | 1018.2      | 0.4          | 252                     | 9  | 74.623     | -130.813       | 997.4       | -0.2         |
| 242                     | 30 | 74.663     | -130.325       |             | -1.1*        | 253                     | 10 | 74.500     | -130.819       | 999.6       | -3.4         |
| 243                     | 31 | 74.611     | -130.505       | 1018.8      | -2.1         | 254                     | 11 | 74.515     | -130.698       | 997.9       | -3.5         |
|                         |    |            |                |             |              | 255                     | 12 | 74.490     | -130.810       | 1006.3      | -4.4*        |
|                         |    |            |                |             |              | 256                     | 13 | 74.411     | -130.808       | 1009.0      | -3.5         |
|                         |    |            |                |             |              | 257                     | 14 | 74.243     | -130.651       | 1015.6      | -2.8         |
|                         |    |            |                |             |              | 258                     | 15 | 74.146     | -130.470       | 1022.2      | -3.1         |
|                         |    |            |                |             |              | 259                     | 16 | 74.175     | -130.517       | 1019.6      | -4.3         |
|                         |    |            |                |             |              | 260                     | 17 | 74.146     | -130.951       | 1031.2      | -5.9         |
|                         |    |            |                |             |              | 261                     | 18 | 74.133     | -131.010       | 1023.7      | -6.2         |
|                         |    |            |                |             |              | 262                     | 19 | 74.129     | -131.072       | 1019.6      | -10.4        |
|                         |    |            |                |             |              | 263                     | 20 | 74.078     | -131.452       | 1018.6      | -4.9         |
|                         |    |            |                |             |              | 264                     | 21 | 73.969     | -131.942       | 1015.1      | -1.6         |
|                         |    |            |                |             |              | 265                     | 22 | 73.867     | -132.180       | 1019.5      | -2.1         |
|                         |    |            |                |             |              | 266                     | 23 | 73.750     | -132.304       | 1025.7      | -4.3         |
|                         |    |            |                |             |              | 267                     | 24 | 73.696     | -132.280       |             | -4.1*        |
|                         |    |            |                |             |              | 268                     | 25 | 73.672     | -132.097       | 1012.3      | -6.8         |
|                         |    |            |                |             |              | 269                     | 26 | 73.635     | -131.763       | 1005.1      | -4.2         |
|                         |    |            |                |             |              | 272                     | 29 | 73.373     | -130.665       |             | -6.7*        |
|                         |    |            |                |             |              | 273                     | 30 | 73.438     | -130.757       | 1005.1      | -1.5         |

| BUOY(23678)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(23678)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 73.399     | -130.464       | 1011.6      | -2.5         | 305                     | 1  | 73.073     | -135.664       | 1024.3      | -8.8         |
| 275                     | 2  | 73.409     | -130.641       | 1007.4      | -1.2         | 306                     | 2  | 72.922     | -135.643       | 1032.5      | -15.8        |
| 276                     | 3  | 73.421     | -130.818       | 1002.2      | 0.2          | 307                     | 3  | 72.889     | -135.728       | 1031.3      | -18.4        |
| 277                     | 4  | 73.473     | -130.750       | 996.2       | -1.3         | 308                     | 4  | 72.914     | -135.869       | 1027.2      | -16.9        |
| 278                     | 5  | 73.385     | -130.909       | 1001.9      | -3.5         | 309                     | 5  | 72.978     | -135.987       | 1001.2      | -13.7        |
| 279                     | 6  | 73.213     | -131.082       | 1023.6      | -13.0        | 310                     | 6  | 72.992     | -135.548       | 1006.3      | -5.4         |
| 280                     | 7  | 73.186     | -131.330       | 1016.6      | -12.1        | 311                     | 7  | 72.897     | -135.039       | 997.5       | -11.5        |
| 281                     | 8  | 73.239     | -132.064       | 1002.4      | -4.2         | 312                     | 8  | 72.692     | -134.777       | 1003.2      | -22.6        |
| 282                     | 9  | 73.322     | -132.764       | 1000.7      | -4.1         | 313                     | 9  | 72.575     | -134.743       | 998.2       | -25.6        |
| 283                     | 10 | 73.406     | -133.259       | 1005.7      | -4.9         | 314                     | 10 | 72.511     | -134.745       | 1001.1      | -25.9        |
| 284                     | 11 | 73.385     | -133.261       | 1012.3      | -5.4         | 315                     | 11 | 72.447     | -134.517       | 1004.7      | -22.7        |
| 285                     | 12 | 73.327     | -133.318       | 1016.8      | -11.3        | 316                     | 12 | 72.404     | -134.309       | 1004.9      | -21.1        |
| 286                     | 13 | 73.286     | -133.509       | 1020.2      | -14.3        | 317                     | 13 | 72.420     | -134.210       | 1006.4      | -21.1        |
| 288                     | 15 | 73.250     | -133.823       | 1027.7      | -14.0        | 318                     | 14 | 72.439     | -134.288       | 1008.0      | -19.3        |
| 289                     | 16 | 73.263     | -134.363       | 1024.7      | -15.5        | 319                     | 15 | 72.424     | -134.485       | 1010.6      | -23.6        |
| 290                     | 17 | 73.242     | -134.791       | 1016.0      | -15.2        | 320                     | 16 | 72.455     | -134.725       | 999.8       | -15.8        |
| 291                     | 18 | 73.190     | -135.042       | 1011.6      | -15.6*       | 321                     | 17 | 72.410     | -134.578       | 1009.5      | -27.4        |
| 292                     | 19 | 73.179     | -135.250       | 1014.1      | -12.2*       | 322                     | 18 | 72.366     | -134.609       | 1019.1      | -26.7        |
| 293                     | 20 | 73.280     | -135.677       | 1017.3      | -5.8*        | 323                     | 19 | 72.345     | -134.709       | 1015.0      | -23.2        |
| 294                     | 21 | 73.337     | -136.075       | 1019.7      | -11.4        | 324                     | 20 | 72.335     | -134.691       | 1025.1      | -30.9        |
| 295                     | 22 | 73.339     | -136.250       | 1024.6      | -14.3        | 325                     | 21 | 72.342     | -134.674       | 1019.1      | -28.1        |
| 296                     | 23 | 73.355     | -136.448       | 1022.3      | -7.5*        | 326                     | 22 | 72.499     | -134.960       | 1001.4      | -12.6        |
| 297                     | 24 | 73.404     | -136.719       | 1023.0      | -7.0         | 327                     | 23 | 72.431     | -134.906       | 1013.1      | -20.6        |
| 298                     | 25 | 73.458     | -136.973       | 1009.6      | -7.1         | 328                     | 24 | 72.428     | -135.120       | 996.2       | -21.1        |
| 301                     | 28 | 73.344     | -136.761       | 1015.4      | -13.7        | 329                     | 25 | 72.492     | -135.326       | 992.0       | -15.1        |
| 302                     | 29 | 73.139     | -136.120       | 1032.4      | -16.4        | 330                     | 26 | 72.363     | -135.078       | 1010.8      | -24.5        |
| 303                     | 30 | 73.133     | -136.054       | 1023.1      | -12.8        | 333                     | 29 | 72.652     | -134.999       | 991.3       | -20.4        |
| 304                     | 31 | 73.189     | -135.833       | 1013.7      | -4.1         | 334                     | 30 | 72.675     | -135.040       | 1000.9      | -20.6        |

# BUOY 23678

| BUOY(23678)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 72.702     | -134.958       | 1002.5      | -23.1        |
| 336                     | 2  | 72.676     | -135.102       | 1002.0      | -22.5        |
| 337                     | 3  | 72.527     | -135.583       | 997.7       | -19.4        |
| 338                     | 4  | 72.287     | -135.473       | 1022.2      | -24.5        |
| 339                     | 5  | 72.295     | -135.350       | 1026.5      | -29.4        |
| 340                     | 6  | 72.289     | -135.350       | 1024.8      | -28.9        |
| 343                     | 9  | 72.372     | -135.694       | 1013.3      | -25.5        |
| 344                     | 10 | 72.327     | -135.631       | 1020.0      | -28.5        |
| 345                     | 11 | 72.323     | -135.656       | 1018.9      | -27.8        |
| 346                     | 12 | 72.342     | -136.066       | 1020.1      | -26.5        |
| 349                     | 15 | 72.466     | -137.337       | 1011.2      | -27.7        |
| 350                     | 16 | 72.462     | -137.540       | 1008.7      | -30.1        |
| 351                     | 17 | 72.437     | -137.964       | 1014.1      | -30.6        |
| 352                     | 18 | 72.405     | -138.270       | 1020.4      | -30.3        |
| 353                     | 19 | 72.427     | -138.759       | 1018.2      | -27.4        |
| 354                     | 20 | 72.483     | -139.474       | 1004.1      | -24.6        |
| 355                     | 21 | 72.496     | -140.094       | 1002.2      | -26.9        |
| 356                     | 22 | 72.511     | -140.301       | 998.6       | -27.6        |
| 357                     | 23 | 72.495     | -140.635       | 996.6       | -25.6        |
| 358                     | 24 | 72.476     | -140.909       | 1006.5      | -25.0        |
| 359                     | 25 | 72.464     | -141.099       | 1016.2      | -28.8        |
| 360                     | 26 | 72.423     | -141.287       | 1029.9      | -26.4        |
| 361                     | 27 | 72.377     | -141.403       | 1037.1      | -24.7        |
| 362                     | 28 | 72.362     | -141.606       | 1033.3      | -27.7        |
| 363                     | 29 | 72.401     | -142.120       | 1024.8      | -25.6        |
| 364                     | 30 | 72.584     | -142.952       | 1009.5      | -22.1        |
| 365                     | 31 | 72.750     | -143.580       | 1021.1      | -21.6        |



# BUOY 24226

| BUOY(24226)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24226)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 120                     | 30 | 79.200     | -123.048       | 1024.5      | -16.6        | 121                     | 1  | 79.194     | -123.065       | 1029.8      | -15.0        |
|                         |    |            |                |             |              | 122                     | 2  | 79.178     | -122.988       | 1035.4      | -15.2        |
|                         |    |            |                |             |              | 123                     | 3  | 79.151     | -122.884       | 1039.6      | -13.2        |
|                         |    |            |                |             |              | 124                     | 4  | 79.133     | -122.634       | 1030.7      | -7.5         |
|                         |    |            |                |             |              | 125                     | 5  | 79.091     | -122.658       | 1015.9      | -6.7         |
|                         |    |            |                |             |              | 126                     | 6  | 79.010     | -123.012       | 1012.0      | -12.2        |
|                         |    |            |                |             |              | 127                     | 7  | 78.899     | -123.289       | 1006.1      | -12.6        |
|                         |    |            |                |             |              | 128                     | 8  | 78.847     | -123.374       | 1009.2      | -13.5        |
|                         |    |            |                |             |              | 129                     | 9  | 78.840     | -123.411       | 1014.8      | -12.3        |
|                         |    |            |                |             |              | 130                     | 10 | 78.817     | -123.479       | 1021.9      | -13.4        |
|                         |    |            |                |             |              | 131                     | 11 | 78.808     | -123.323       | 1024.8      | -12.9        |
|                         |    |            |                |             |              | 132                     | 12 | 78.824     | -123.106       | 1012.9      | -13.2        |
|                         |    |            |                |             |              | 133                     | 13 | 78.853     | -122.759       | 1009.6      | -11.8        |
|                         |    |            |                |             |              | 134                     | 14 | 78.867     | -122.745       | 1009.1      | -12.1        |
|                         |    |            |                |             |              | 135                     | 15 | 78.883     | -122.745       | 1007.2      | -11.6        |
|                         |    |            |                |             |              | 136                     | 16 | 78.876     | -122.757       | 1009.3      | -10.0        |
|                         |    |            |                |             |              | 137                     | 17 | 78.869     | -122.755       | 1015.4      | -8.7         |
|                         |    |            |                |             |              | 138                     | 18 | 78.869     | -122.753       | 1022.7      | -8.6         |
|                         |    |            |                |             |              | 139                     | 19 | 78.890     | -122.752       | 1019.4      | -7.0         |
|                         |    |            |                |             |              | 140                     | 20 | 78.894     | -122.770       | 1016.2      | -5.1         |
|                         |    |            |                |             |              | 141                     | 21 | 78.882     | -122.990       | 1014.3      | -9.6         |
|                         |    |            |                |             |              | 142                     | 22 | 78.801     | -123.419       | 1005.6      | -8.2         |
|                         |    |            |                |             |              | 143                     | 23 | 78.690     | -123.880       | 1011.3      | -7.3         |
|                         |    |            |                |             |              | 144                     | 24 | 78.601     | -123.951       | 1016.7      | -8.3         |
|                         |    |            |                |             |              | 145                     | 25 | 78.557     | -123.952       | 1017.2      | -7.1         |
|                         |    |            |                |             |              | 146                     | 26 | 78.542     | -124.066       | 1020.4      | -7.4         |
|                         |    |            |                |             |              | 147                     | 27 | 78.551     | -124.201       | 1021.7      | -6.3         |
|                         |    |            |                |             |              | 148                     | 28 | 78.596     | -124.230       | 1015.1      | -5.3         |
|                         |    |            |                |             |              | 149                     | 29 | 78.597     | -123.885       | 1009.6      | -4.0         |
|                         |    |            |                |             |              | 150                     | 30 | 78.586     | -123.578       | 1007.0      | -5.5         |
|                         |    |            |                |             |              | 151                     | 31 | 78.594     | -123.521       | 1005.7      | -2.8         |

| BUOY(24226)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24226)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 78.582     | -123.557       | 1015.0      | -6.0         | 182                     | 1  | 77.371     | -125.307       | 1022.5      | 1.0          |
| 153                     | 2  | 78.576     | -123.567       | 1019.2      | -4.9         | 183                     | 2  | 77.380     | -125.341       | 1016.7      | 1.2          |
| 154                     | 3  | 78.575     | -123.599       | 1018.8      | -4.2         | 184                     | 3  | 77.456     | -125.318       | 1014.2      | 1.6          |
| 155                     | 4  | 78.581     | -123.772       | 1014.2      | -4.4         | 185                     | 4  | 77.492     | -125.356       | 1015.3      | 1.5          |
| 156                     | 5  | 78.540     | -123.745       | 1024.0      | -5.9         | 186                     | 5  | 77.537     | -125.291       | 1015.1      | 0.8          |
| 157                     | 6  | 78.534     | -123.710       | 1029.2      | -4.1         | 187                     | 6  | 77.550     | -125.051       | 1017.8      | 0.1          |
| 158                     | 7  | 78.538     | -123.708       | 1022.0      | -4.6         | 188                     | 7  | 77.558     | -125.017       | 1011.3      | 1.5          |
| 159                     | 8  | 78.564     | -123.930       | 1017.4      | -3.9         | 189                     | 8  | 77.590     | -124.903       | 1006.2      | -0.1         |
| 160                     | 9  | 78.536     | -124.230       | 1025.1      | -5.8         | 190                     | 9  | 77.623     | -124.794       | 1006.0      | -0.3         |
| 161                     | 10 | 78.483     | -124.401       | 1028.8      | -6.0         | 191                     | 10 | 77.592     | -124.892       | 1005.5      | -0.1         |
| 162                     | 11 | 78.409     | -124.508       | 1028.7      | -7.6         | 192                     | 11 | 77.564     | -124.924       | 1012.8      | -0.2         |
| 163                     | 12 | 78.333     | -124.592       | 1026.1      | -6.8         | 193                     | 12 | 77.565     | -124.745       | 1015.9      | -0.4         |
| 164                     | 13 | 78.262     | -124.616       | 1022.0      | -6.5         | 194                     | 13 | 77.586     | -124.631       | 1011.1      | 1.3          |
| 165                     | 14 | 78.208     | -124.710       | 1015.7      | -3.1         | 195                     | 14 | 77.614     | -124.621       | 1006.2      | 2.0          |
| 166                     | 15 | 78.195     | -124.873       | 1014.1      | -0.5         | 196                     | 15 | 77.602     | -124.576       | 1009.3      | -1.6         |
| 167                     | 16 | 78.182     | -125.083       | 1012.9      | -1.0         | 197                     | 16 | 77.576     | -124.586       | 1004.0      | -2.6         |
| 168                     | 17 | 78.129     | -125.605       | 1009.4      | -0.7         | 198                     | 17 | 77.540     | -124.560       | 1001.9      | -1.7         |
| 169                     | 18 | 78.055     | -125.966       | 1015.0      | -0.4         | 199                     | 18 | 77.555     | -124.314       | 1006.6      | -1.6         |
| 170                     | 19 | 77.958     | -125.877       | 1007.5      | 0.0          | 200                     | 19 | 77.562     | -124.276       | 998.5       | -1.3         |
| 171                     | 20 | 77.862     | -125.715       | 1002.0      | -0.3         | 201                     | 20 | 77.535     | -124.172       | 1001.2      | -1.5         |
| 172                     | 21 | 77.828     | -125.620       | 996.0       | -1.1         | 202                     | 21 | 77.561     | -124.221       | 1003.9      | -0.4         |
| 173                     | 22 | 77.779     | -125.693       | 1000.9      | -1.2         | 203                     | 22 | 77.568     | -124.200       | 1008.2      | -0.8         |
| 174                     | 23 | 77.711     | -125.729       | 1004.0      | -0.4         | 204                     | 23 | 77.577     | -124.072       | 1003.7      | -0.7         |
| 175                     | 24 | 77.640     | -125.841       | 1011.4      | -0.8         | 205                     | 24 | 77.596     | -124.043       | 997.0       | -0.4         |
| 176                     | 25 | 77.591     | -125.777       | 1013.0      | 0.6          | 206                     | 25 | 77.640     | -123.740       | 995.6       | -0.9         |
| 177                     | 26 | 77.547     | -125.675       | 1014.3      | 1.0          | 207                     | 26 | 77.687     | -123.491       | 987.5       | -0.9         |
| 178                     | 27 | 77.487     | -125.519       | 1015.7      | 1.6          | 208                     | 27 | 77.767     | -123.236       | 994.5       | -1.0         |
| 179                     | 28 | 77.476     | -125.399       | 1016.4      | -0.3         | 209                     | 28 | 77.817     | -123.108       | 994.5       | -0.6         |
| 180                     | 29 | 77.446     | -125.392       | 1022.7      | 0.7          | 210                     | 29 | 77.794     | -123.083       | 994.6       | -1.3         |
| 181                     | 30 | 77.399     | -125.383       | 1023.8      | 2.1          | 211                     | 30 | 77.856     | -122.893       | 977.9       | -1.3         |
|                         |    |            |                |             |              | 212                     | 31 | 77.863     | -122.644       | 1000.4      | -0.4         |

# BUOY 24226

| BUOY(24226)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24226)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 213                     | 1  | 77.866     | -122.586       | 1011.7      | -1.7         | 244                     | 1  | 78.026     | -120.796       | 1013.6      | -2.0         |
| 214                     | 2  | 77.891     | -122.283       | 1012.6      | -1.5         | 245                     | 2  | 77.977     | -120.603       | 1009.0      | -3.6         |
| 215                     | 3  | 77.901     | -122.259       | 1014.1      | -1.3         | 246                     | 3  | 77.977     | -120.611       | 1007.1      | -5.1         |
| 216                     | 4  | 77.903     | -122.264       | 1010.7      | -1.0         | 247                     | 4  | 77.997     | -120.741       | 997.5       | -3.4         |
| 217                     | 5  | 77.940     | -122.167       | 1003.8      | -0.6         | 248                     | 5  | 77.988     | -120.823       | 994.9       | -1.3         |
| 218                     | 6  | 78.010     | -122.061       | 998.0       | -0.2         | 249                     | 6  | 77.926     | -120.857       | 1005.1      | -5.6         |
| 219                     | 7  | 78.025     | -122.005       | 996.9       | -1.4         | 250                     | 7  | 77.927     | -120.835       | 1009.8      | -8.4         |
| 220                     | 8  | 77.989     | -122.083       | 1011.2      | -0.4         | 251                     | 8  | 77.988     | -120.681       | 1009.3      | -3.9         |
| 221                     | 9  | 77.995     | -121.828       | 996.3       | -1.8         | 252                     | 9  | 78.060     | -120.615       | 1003.3      | -4.6         |
| 222                     | 10 | 77.991     | -121.671       | 989.1       | -1.4         | 253                     | 10 | 78.119     | -120.842       | 993.1       | -3.1         |
| 223                     | 11 | 77.984     | -121.621       | 992.7       | -2.3         | 254                     | 11 | 78.088     | -120.855       | 995.9       | -3.3         |
| 224                     | 12 | 77.984     | -121.648       | 992.4       | -2.6         | 255                     | 12 | 78.040     | -120.680       | 1002.0      | -4.7         |
| 225                     | 13 | 77.976     | -121.731       | 998.3       | -3.3         | 256                     | 13 | 78.033     | -120.543       | 999.2       | -7.8         |
| 226                     | 14 | 77.955     | -121.717       | 1001.2      | -2.5         | 257                     | 14 | 77.992     | -120.621       | 1002.4      | -6.3         |
| 227                     | 15 | 77.953     | -121.720       | 1006.6      | -1.4         | 258                     | 15 | 77.970     | -120.574       | 1012.1      | -4.8         |
| 228                     | 16 | 77.953     | -121.716       | 1005.2      | -2.6         | 259                     | 16 | 77.964     | -120.614       | 1023.0      | -7.1         |
| 229                     | 17 | 77.955     | -121.710       | 1003.5      | -2.0         | 260                     | 17 | 77.931     | -120.682       | 1027.1      | -8.9         |
| 230                     | 18 | 77.957     | -121.710       | 1010.5      | -1.5         | 261                     | 18 | 77.962     | -120.464       | 1016.7      | -6.8         |
| 231                     | 19 | 77.953     | -121.718       | 1014.5      | -1.9         | 262                     | 19 | 77.984     | -120.303       | 1018.1      | -6.2         |
| 232                     | 20 | 77.933     | -121.755       | 1011.1      | -2.1         | 263                     | 20 | 77.983     | -120.291       | 1026.0      | -11.6        |
| 233                     | 21 | 77.909     | -121.713       | 1007.3      | -1.5         | 264                     | 21 | 77.988     | -120.387       | 1023.4      | -8.7         |
| 234                     | 22 | 77.925     | -121.594       | 1008.2      | -1.2         | 265                     | 22 | 77.978     | -120.494       | 1021.1      | -5.9         |
| 235                     | 23 | 77.944     | -121.512       | 1011.6      | -2.2         | 266                     | 23 | 77.959     | -120.628       | 1024.7      | -9.7         |
| 236                     | 24 | 77.982     | -121.647       | 999.6       | 0.1          | 267                     | 24 | 77.947     | -120.664       | 1017.8      | -8.6         |
| 237                     | 25 | 78.010     | -121.417       | 1003.5      | -1.6         | 268                     | 25 | 77.968     | -120.591       | 1005.5      | -6.5         |
| 238                     | 26 | 78.061     | -120.874       | 1011.9      | -2.9         | 269                     | 26 | 77.987     | -120.447       | 994.7       | -7.8         |
| 239                     | 27 | 78.106     | -120.643       | 1018.6      | -2.7         | 270                     | 27 | 77.996     | -120.439       | 991.9       | -10.0        |
| 240                     | 28 | 78.118     | -120.621       | 1023.7      | -3.2         | 271                     | 28 | 77.986     | -120.429       | 1006.9      | -5.7         |
| 241                     | 29 | 78.100     | -120.851       | 1022.2      | -0.7         | 272                     | 29 | 77.989     | -120.439       | 1017.6      | -3.5         |
| 242                     | 30 | 78.100     | -120.946       | 1018.2      | -0.3         | 273                     | 30 | 77.991     | -120.442       | 1013.9      | -6.3         |
| 243                     | 31 | 78.070     | -120.921       | 1018.3      | -1.7         |                         |    |            |                |             |              |

| BUOY(24226)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24226)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 78.001     | -120.633       | 1006.9      | -8.0         | 305                     | 1  | 77.328     | -125.077       | 1013.3      | -11.6        |
| 275                     | 2  | 77.998     | -120.912       | 1013.4      | -15.1        | 306                     | 2  | 77.270     | -125.117       | 1025.5      | -15.9        |
| 276                     | 3  | 77.994     | -121.190       | 1018.9      | -20.5        | 307                     | 3  | 77.230     | -125.098       | 1029.9      | -24.6        |
| 277                     | 4  | 78.121     | -121.583       | 996.9       | -11.3        | 308                     | 4  | 77.226     | -125.105       | 1029.4      | -28.0        |
| 278                     | 5  | 78.161     | -121.917       | 998.2       | -6.6         | 309                     | 5  | 77.241     | -125.077       | 1020.8      | -22.1        |
| 279                     | 6  | 78.015     | -122.340       | 1017.8      | -14.1        | 310                     | 6  | 77.313     | -124.680       | 990.9       | -10.4        |
| 280                     | 7  | 77.948     | -122.272       | 1019.4      | -8.4         | 311                     | 7  | 77.283     | -124.527       | 986.8       | -17.4        |
| 281                     | 8  | 77.896     | -122.347       | 1021.1      | -12.0        | 312                     | 8  | 77.218     | -124.832       | 990.8       | -17.8        |
| 282                     | 9  | 77.900     | -122.619       | 1020.1      | -19.3        | 313                     | 9  | 77.136     | -125.067       | 990.9       | -18.6        |
| 283                     | 10 | 77.901     | -123.069       | 1017.7      | -17.4        | 314                     | 10 | 77.097     | -125.272       | 993.7       | -15.8        |
| 284                     | 11 | 77.924     | -123.524       | 1016.2      | -17.5        | 315                     | 11 | 77.066     | -125.411       | 997.1       | -24.3        |
| 285                     | 12 | 77.894     | -123.872       | 1020.5      | -21.2        | 316                     | 12 | 77.055     | -125.384       | 1004.3      | -31.9        |
| 286                     | 13 | 77.833     | -124.114       | 1023.0      | -23.2        | 317                     | 13 | 77.056     | -125.346       | 1009.4      | -32.9        |
| 287                     | 14 | 77.786     | -124.336       | 1027.6      | -24.4        | 318                     | 14 | 77.054     | -125.351       | 1008.7      | -21.8        |
| 288                     | 15 | 77.746     | -124.471       | 1032.6      | -21.1        | 319                     | 15 | 77.050     | -125.373       | 1012.2      | -20.0        |
| 289                     | 16 | 77.700     | -124.618       | 1028.9      | -17.3        | 320                     | 16 | 77.058     | -125.424       | 1012.2      | -22.8        |
| 290                     | 17 | 77.664     | -124.886       | 1019.5      | -20.0        | 321                     | 17 | 77.114     | -125.645       | 1008.4      | -13.9        |
| 291                     | 18 | 77.601     | -125.225       | 1007.8      | -13.0        | 322                     | 18 | 77.096     | -125.653       | 1016.7      | -22.4        |
| 292                     | 19 | 77.577     | -125.227       | 1017.7      | -19.2        | 323                     | 19 | 77.058     | -125.635       | 1014.8      | -20.6        |
| 293                     | 20 | 77.546     | -125.224       | 1026.7      | -26.0        | 324                     | 20 | 77.038     | -125.580       | 1018.6      | -24.5        |
| 294                     | 21 | 77.493     | -125.319       | 1021.9      | -18.6        | 325                     | 21 | 77.026     | -125.481       | 1019.7      | -27.0        |
| 295                     | 22 | 77.414     | -125.489       | 1024.5      | -16.8        | 326                     | 22 | 77.050     | -125.505       | 1005.8      | -25.7        |
| 296                     | 23 | 77.364     | -125.693       | 1026.4      | -18.2        | 327                     | 23 | 77.067     | -125.373       | 1004.1      | -23.5        |
| 297                     | 24 | 77.332     | -125.759       | 1028.5      | -22.3        | 328                     | 24 | 77.065     | -125.295       | 1008.3      | -29.7        |
| 298                     | 25 | 77.318     | -125.803       | 1020.0      | -19.3        | 329                     | 25 | 77.094     | -125.421       | 1001.9      | -23.8        |
| 299                     | 26 | 77.305     | -126.059       | 1017.6      | -16.9        | 330                     | 26 | 77.132     | -125.558       | 1003.1      | -21.5        |
| 300                     | 27 | 77.276     | -126.121       | 1014.3      | -21.2        | 331                     | 27 | 77.112     | -125.431       | 1008.5      | -26.6        |
| 301                     | 28 | 77.302     | -125.660       | 999.1       | -17.9        | 332                     | 28 | 77.121     | -125.229       | 1007.5      | -29.2        |
| 302                     | 29 | 77.269     | -125.556       | 1021.0      | -22.6        | 333                     | 29 | 77.205     | -125.218       | 1002.3      | -26.0        |
| 303                     | 30 | 77.263     | -125.510       | 1029.5      | -21.4        | 334                     | 30 | 77.281     | -125.244       | 1004.5      | -24.3        |
| 304                     | 31 | 77.347     | -125.202       | 1007.8      | -10.0        |                         |    |            |                |             |              |

# BUOY 24226

| BUOY(24226)<br>2003 Dec |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|
| 335                     | 1 | 77.344     | -125.158       | 1001.3      | -24.4        |
| 336                     | 2 | 77.362     | -125.040       | 998.1       | -24.5        |
| 337                     | 3 | 77.350     | -124.917       | 1002.0      | -29.4        |
| 338                     | 4 | 77.281     | -124.792       | 1006.8      | -30.5        |
| 339                     | 5 | 77.253     | -124.638       | 1020.3      | -31.6        |
| 340                     | 6 | 77.249     | -124.583       | 1019.6      | -30.4        |

# BUOY 24227

| BUOY(24227)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24227)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 120                     | 30 | 79.964     | -120.508       | 1025.6      | -18.5        | 121                     | 1  | 79.960     | -120.491       | 1029.9      | -16.8        |
|                         |    |            |                |             |              | 122                     | 2  | 79.950     | -120.457       | 1035.4      | -15.5        |
|                         |    |            |                |             |              | 123                     | 3  | 79.940     | -120.357       | 1038.4      | -13.8        |
|                         |    |            |                |             |              | 124                     | 4  | 79.936     | -120.161       | 1028.6      | -7.5         |
|                         |    |            |                |             |              | 125                     | 5  | 79.915     | -120.176       | 1015.6      | -7.5         |
|                         |    |            |                |             |              | 126                     | 6  | 79.821     | -120.625       | 1010.6      | -12.5        |
|                         |    |            |                |             |              | 127                     | 7  | 79.720     | -120.951       | 1005.2      | -12.8        |
|                         |    |            |                |             |              | 128                     | 8  | 79.669     | -121.053       | 1008.0      | -12.8        |
|                         |    |            |                |             |              | 129                     | 9  | 79.664     | -121.102       | 1014.8      | -12.9        |
|                         |    |            |                |             |              | 130                     | 10 | 79.655     | -121.109       | 1021.4      | -13.6        |
|                         |    |            |                |             |              | 131                     | 11 | 79.659     | -120.973       | 1018.3      | -13.3        |
|                         |    |            |                |             |              | 132                     | 12 | 79.683     | -120.628       | 1011.0      | -13.4        |
|                         |    |            |                |             |              | 133                     | 13 | 79.718     | -120.067       | 1007.8      | -11.6        |
|                         |    |            |                |             |              | 134                     | 14 | 79.729     | -119.921       | 1009.9      | -11.8        |
|                         |    |            |                |             |              | 135                     | 15 | 79.745     | -119.911       | 1007.8      | -12.6        |
|                         |    |            |                |             |              | 136                     | 16 | 79.739     | -119.916       | 1009.7      | -8.9         |
|                         |    |            |                |             |              | 137                     | 17 | 79.731     | -119.905       | 1014.9      | -9.7         |
|                         |    |            |                |             |              | 138                     | 18 | 79.732     | -119.907       | 1021.9      | -9.3         |
|                         |    |            |                |             |              | 139                     | 19 | 79.749     | -119.924       | 1020.1      | -8.1         |
|                         |    |            |                |             |              | 140                     | 20 | 79.750     | -119.943       | 1017.2      | -6.4         |
|                         |    |            |                |             |              | 141                     | 21 | 79.734     | -120.134       | 1014.7      | -10.6        |
|                         |    |            |                |             |              | 142                     | 22 | 79.660     | -120.601       | 1005.7      | -8.3         |
|                         |    |            |                |             |              | 143                     | 23 | 79.545     | -121.132       | 1010.1      | -7.5         |
|                         |    |            |                |             |              | 144                     | 24 | 79.469     | -121.180       | 1016.4      | -8.4         |
|                         |    |            |                |             |              | 145                     | 25 | 79.445     | -121.142       | 1018.0      | -7.0         |
|                         |    |            |                |             |              | 146                     | 26 | 79.444     | -121.151       | 1021.5      | -5.2         |
|                         |    |            |                |             |              | 147                     | 27 | 79.442     | -121.173       | 1022.7      | -6.9         |
|                         |    |            |                |             |              | 148                     | 28 | 79.464     | -121.205       | 1017.3      | -7.3         |
|                         |    |            |                |             |              | 149                     | 29 | 79.518     | -121.146       | 1008.3      | -4.2         |
|                         |    |            |                |             |              | 150                     | 30 | 79.517     | -121.011       | 1007.7      | -6.9         |
|                         |    |            |                |             |              | 151                     | 31 | 79.532     | -121.013       | 1006.0      | -3.9         |

| BUOY(24227)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24227)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 152                     | 1  | 79.516     | -121.049       | 1014.1      | -6.1         | 182                     | 1  | 78.603     | -122.623       | 1023.5      | 2.6          |
| 153                     | 2  | 79.505     | -121.060       | 1018.6      | -3.8         | 183                     | 2  | 78.610     | -122.644       | 1019.3      | -0.1         |
| 154                     | 3  | 79.499     | -121.078       | 1019.6      | -3.4         | 184                     | 3  | 78.665     | -122.649       | 1016.6      | 1.2          |
| 155                     | 4  | 79.506     | -121.198       | 1014.7      | -3.9         | 185                     | 4  | 78.702     | -122.724       | 1017.4      | 0.6          |
| 156                     | 5  | 79.467     | -121.225       | 1021.8      | -5.1         | 186                     | 5  | 78.738     | -122.745       | 1017.1      | 0.9          |
| 157                     | 6  | 79.455     | -121.187       | 1028.6      | -4.4         | 187                     | 6  | 78.759     | -122.588       | 1015.8      | -0.6         |
| 158                     | 7  | 79.458     | -121.195       | 1022.9      | -5.4         | 188                     | 7  | 78.761     | -122.444       | 1013.8      | 0.5          |
| 159                     | 8  | 79.474     | -121.329       | 1019.5      | -5.6         | 189                     | 8  | 78.795     | -122.444       | 1005.9      | 0.0          |
| 160                     | 9  | 79.455     | -121.561       | 1025.8      | -6.7         | 190                     | 9  | 78.813     | -122.287       | 1007.5      | -0.7         |
| 161                     | 10 | 79.400     | -121.683       | 1028.5      | -7.0         | 191                     | 10 | 78.804     | -122.366       | 1005.3      | 0.2          |
| 162                     | 11 | 79.323     | -121.810       | 1028.0      | -7.5         | 192                     | 11 | 78.808     | -122.407       | 1012.7      | 0.3          |
| 163                     | 12 | 79.248     | -121.875       | 1026.2      | -6.7         | 193                     | 12 | 78.820     | -122.273       | 1015.3      | -0.6         |
| 164                     | 13 | 79.171     | -121.836       | 1022.5      | -7.0         | 194                     | 13 | 78.821     | -122.046       | 1012.6      | 0.1          |
| 165                     | 14 | 79.103     | -121.845       | 1016.7      | -2.8         | 195                     | 14 | 78.843     | -122.126       | 1009.0      | 1.4          |
| 166                     | 15 | 79.093     | -122.021       | 1015.7      | -0.5         | 196                     | 15 | 78.825     | -122.104       | 1008.0      | -0.3         |
| 167                     | 16 | 79.081     | -122.150       | 1014.4      | -0.4         | 197                     | 16 | 78.801     | -121.964       | 1003.6      | -2.5         |
| 168                     | 17 | 79.057     | -122.627       | 1012.0      | -1.1         | 198                     | 17 | 78.800     | -121.925       | 1001.1      | -1.9         |
| 169                     | 18 | 78.990     | -122.998       | 1014.3      | -0.9         | 199                     | 18 | 78.826     | -121.732       | 1007.3      | -1.2         |
| 170                     | 19 | 78.879     | -122.872       | 1003.7      | -0.6         | 200                     | 19 | 78.823     | -121.638       | 995.6       | -0.6         |
| 171                     | 20 | 78.790     | -122.737       | 999.7       | -0.7         | 201                     | 20 | 78.817     | -121.476       | 999.4       | -0.7         |
| 172                     | 21 | 78.767     | -122.659       | 994.1       | -1.5         | 202                     | 21 | 78.828     | -121.513       | 1005.5      | -1.8         |
| 173                     | 22 | 78.746     | -122.771       | 1000.1      | -1.4         | 203                     | 22 | 78.838     | -121.482       | 1007.8      | -1.7         |
| 174                     | 23 | 78.720     | -122.837       | 1003.4      | -0.5         | 204                     | 23 | 78.845     | -121.373       | 1003.6      | -0.6         |
| 175                     | 24 | 78.666     | -122.935       | 1009.9      | -1.1         | 205                     | 24 | 78.862     | -121.370       | 997.9       | -0.7         |
| 176                     | 25 | 78.633     | -122.903       | 1012.7      | 0.4          | 206                     | 25 | 78.914     | -120.907       | 995.7       | -1.0         |
| 177                     | 26 | 78.634     | -122.889       | 1013.8      | 0.2          | 207                     | 26 | 78.951     | -120.647       | 985.5       | -1.0         |
| 178                     | 27 | 78.616     | -122.811       | 1014.5      | 1.0          | 208                     | 27 | 79.014     | -120.190       | 994.4       | -1.2         |
| 179                     | 28 | 78.618     | -122.660       | 1014.4      | -0.4         | 209                     | 28 | 79.056     | -120.118       | 995.9       | -1.0         |
| 180                     | 29 | 78.607     | -122.629       | 1021.6      | 0.7          | 210                     | 29 | 79.039     | -120.296       | 992.0       | -1.2         |
| 181                     | 30 | 78.605     | -122.605       | 1023.9      | 3.7          | 211                     | 30 | 79.073     | -120.058       | 976.5       | -1.7         |
|                         |    |            |                |             |              | 212                     | 31 | 79.086     | -119.737       | 997.8       | -1.0         |

# BUOY 24289

| BUOY(24289)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24289)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 78.505     | 160.110        | 1007.7      |              | 32                      | 1  | 79.499     | 161.358        | 1010.0      |              |
| 2                       | 2  | 78.484     | 160.015        | 1017.1      |              | 33                      | 2  | 79.528     | 161.485        | 1008.7      |              |
| 3                       | 3  | 78.490     | 160.070        | 1008.9      |              | 34                      | 3  | 79.581     | 161.612        | 1004.7      |              |
| 4                       | 4  | 78.518     | 159.860        | 1014.1      |              | 35                      | 4  | 79.553     | 161.803        | 999.7       |              |
| 5                       | 5  | 78.513     | 159.668        | 1008.4      |              | 36                      | 5  | 79.561     | 161.955        | 1021.0      |              |
| 6                       | 6  | 78.435     | 159.782        | 985.6       |              | 37                      | 6  | 79.624     | 161.949        | 1025.4      |              |
| 7                       | 7  | 78.380     | 160.538        | 977.2       |              | 38                      | 7  | 79.679     | 161.893        | 1032.4      |              |
| 8                       | 8  | 78.462     | 161.179        | 998.0       |              | 39                      | 8  | 79.698     | 161.775        | 1029.1      |              |
| 9                       | 9  | 78.571     | 161.470        | 1015.3      |              | 40                      | 9  | 79.705     | 161.868        | 1030.7      |              |
| 10                      | 10 | 78.633     | 161.507        | 1018.8      |              | 41                      | 10 | 79.731     | 161.965        | 1033.7      |              |
| 11                      | 11 | 78.636     | 161.240        | 1003.2      |              | 42                      | 11 | 79.789     | 161.899        | 1027.8      |              |
| 12                      | 12 | 78.711     | 161.244        | 1006.6      |              | 43                      | 12 | 79.795     | 161.818        | 1034.2      |              |
| 13                      | 13 | 78.742     | 161.378        | 1021.3      |              | 44                      | 13 | 79.837     | 161.663        | 1030.1      |              |
| 14                      | 14 | 78.769     | 161.081        | 999.4       |              | 45                      | 14 | 79.848     | 161.661        | 1019.2      |              |
| 15                      | 15 | 78.855     | 161.921        | 1025.9      |              | 46                      | 15 | 79.852     | 161.641        | 1021.4      |              |
| 16                      | 16 | 78.925     | 161.701        | 1012.0      |              | 47                      | 16 | 79.865     | 161.661        | 1023.7      |              |
| 17                      | 17 | 78.942     | 161.772        | 1025.3      |              | 48                      | 17 | 79.876     | 161.488        | 1021.3      |              |
| 18                      | 18 | 78.968     | 161.576        | 1023.1      |              | 49                      | 18 | 79.901     | 161.404        | 1022.8      |              |
| 19                      | 19 | 79.084     | 161.308        | 1015.8      |              | 50                      | 19 | 79.923     | 161.540        | 1028.5      |              |
| 20                      | 20 | 79.149     | 161.210        | 1017.0      |              | 51                      | 20 | 79.958     | 161.567        | 1023.0      |              |
| 21                      | 21 | 79.175     | 161.181        | 1033.7      |              | 52                      | 21 | 79.964     | 161.584        | 1013.5      |              |
| 22                      | 22 | 79.199     | 161.391        | 1046.5      |              | 53                      | 22 | 79.956     | 161.865        | 1004.5      |              |
| 23                      | 23 | 79.295     | 161.337        | 1031.9      |              | 54                      | 23 | 79.949     | 162.186        | 1006.4      |              |
| 24                      | 24 | 79.327     | 161.316        | 1022.9      |              | 55                      | 24 | 79.965     | 162.362        | 1012.2      |              |
| 25                      | 25 | 79.333     | 161.251        | 1015.1      |              | 56                      | 25 | 80.019     | 162.435        | 1015.9      |              |
| 26                      | 26 | 79.336     | 161.233        | 1013.0      |              | 57                      | 26 | 80.070     | 162.455        | 1013.2      |              |
| 27                      | 27 | 79.328     | 161.330        | 1013.6      |              | 58                      | 27 | 80.088     | 162.475        | 1016.8      |              |
| 28                      | 28 | 79.320     | 161.456        | 1023.3      |              | 59                      | 28 | 80.105     | 162.405        | 1024.1      |              |
| 29                      | 29 | 79.344     | 161.425        | 1024.0      |              |                         |    |            |                |             |              |
| 30                      | 30 | 79.417     | 161.096        | 1012.1      |              |                         |    |            |                |             |              |
| 31                      | 31 | 79.469     | 161.178        | 1008.6      |              |                         |    |            |                |             |              |

| BUOY(24289)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24289)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 80.117     | 162.279        | 1030.6      |              | 91                      | 1  | 81.336     | 165.679        | 1011.6      |              |
| 61                      | 2  | 80.138     | 161.989        | 1026.0      |              | 92                      | 2  | 81.393     | 165.508        | 1008.5      |              |
| 62                      | 3  | 80.169     | 161.699        | 1020.4      |              | 93                      | 3  | 81.425     | 165.269        | 1007.7      |              |
| 63                      | 4  | 80.169     | 161.614        | 1029.9      |              | 94                      | 4  | 81.432     | 165.174        | 1013.6      |              |
| 64                      | 5  | 80.165     | 161.539        | 1036.4      |              | 95                      | 5  | 81.427     | 165.101        | 1011.2      |              |
| 65                      | 6  | 80.193     | 160.911        | 1033.6      |              | 96                      | 6  | 81.452     | 164.863        | 1007.7      |              |
| 66                      | 7  | 80.195     | 161.231        | 1032.3      |              | 97                      | 7  | 81.471     | 164.578        | 999.2       |              |
| 67                      | 8  | 80.205     | 161.589        | 1037.1      |              | 98                      | 8  | 81.459     | 164.455        | 998.4       |              |
| 68                      | 9  | 80.264     | 161.548        | 1031.8      |              | 99                      | 9  | 81.418     | 164.607        | 1004.8      |              |
| 69                      | 10 | 80.235     | 161.855        | 1032.3      |              | 100                     | 10 | 81.405     | 164.897        |             |              |
| 70                      | 11 | 80.226     | 162.673        | 1032.6      |              | 101                     | 11 | 81.445     | 164.890        |             |              |
| 71                      | 12 | 80.271     | 163.713        | 1013.8      |              | 102                     | 12 | 81.490     | 164.615        |             |              |
| 72                      | 13 | 80.305     | 164.464        | 995.3       |              | 103                     | 13 | 81.504     | 164.440        |             |              |
| 73                      | 14 | 80.286     | 165.054        | 1002.6      |              | 104                     | 14 | 81.512     | 164.226        |             |              |
| 74                      | 15 | 80.380     | 165.679        | 1005.4      |              | 105                     | 15 | 81.468     | 164.254        |             |              |
| 75                      | 16 | 80.496     | 165.908        | 1011.4      |              | 106                     | 16 | 81.454     | 164.603        |             |              |
| 76                      | 17 | 80.577     | 165.973        | 1014.9      |              | 107                     | 17 | 81.478     | 164.725        |             |              |
| 77                      | 18 | 80.651     | 165.786        | 1016.7      |              | 108                     | 18 | 81.509     | 164.733        |             |              |
| 78                      | 19 | 80.701     | 165.654        | 1013.1      |              | 109                     | 19 | 81.528     | 164.733        |             |              |
| 79                      | 20 | 80.735     | 165.601        | 1008.1      |              | 110                     | 20 | 81.561     | 164.664        |             |              |
| 80                      | 21 | 80.825     | 165.658        | 1004.8      |              | 111                     | 21 | 81.601     | 164.393        |             |              |
| 81                      | 22 | 80.867     | 165.616        | 1008.8      |              | 112                     | 22 | 81.635     | 164.103        | 1021.8      |              |
| 82                      | 23 | 80.905     | 165.478        | 1009.2      |              | 113                     | 23 | 81.666     | 163.800        | 1024.4      |              |
| 83                      | 24 | 80.932     | 165.488        | 1006.1      |              | 114                     | 24 | 81.688     | 163.628        | 1032.3      |              |
| 84                      | 25 | 80.966     | 165.676        | 1005.2      |              | 115                     | 25 | 81.718     | 163.288        | 1038.0      |              |
| 85                      | 26 | 81.004     | 165.800        | 1004.6      |              | 116                     | 26 | 81.728     | 162.504        | 1027.8      |              |
| 86                      | 27 | 81.026     | 165.789        | 1007.9      |              | 117                     | 27 | 81.752     | 161.709        | 1023.4      |              |
| 87                      | 28 | 81.069     | 165.767        | 1014.8      |              | 118                     | 28 | 81.793     | 161.334        | 1023.0      |              |
| 88                      | 29 | 81.144     | 165.723        | 1011.5      |              | 119                     | 29 | 81.813     | 161.198        | 1017.8      |              |
| 89                      | 30 | 81.220     | 165.831        | 1013.3      |              | 120                     | 30 | 81.821     | 161.062        | 1018.2      |              |
| 90                      | 31 | 81.286     | 165.849        | 1014.5      |              |                         |    |            |                |             |              |

# BUOY 24289

| BUOY(24289)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24289)<br>2003 Jun |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|---|------------|----------------|-------------|--------------|
| 121                     | 1  | 81.857     | 160.962        | 1018.4      |              | 152                     | 1 | 82.876     | 161.365        | 1015.9      |              |
| 122                     | 2  | 81.937     | 160.701        | 1018.2      |              | 153                     | 2 | 82.889     | 161.507        | 1017.0      |              |
| 123                     | 3  | 82.033     | 160.603        | 1017.1      |              |                         |   |            |                |             |              |
| 124                     | 4  | 82.082     | 160.616        | 1025.5      |              |                         |   |            |                |             |              |
| 125                     | 5  | 82.076     | 160.611        | 1035.4      |              |                         |   |            |                |             |              |
| 126                     | 6  | 82.045     | 160.521        | 1041.2      |              |                         |   |            |                |             |              |
| 127                     | 7  | 82.009     | 160.696        | 1031.1      |              |                         |   |            |                |             |              |
| 128                     | 8  | 81.969     | 160.939        | 1030.5      |              |                         |   |            |                |             |              |
| 129                     | 9  | 81.953     | 161.325        | 1019.8      |              |                         |   |            |                |             |              |
| 130                     | 10 | 81.957     | 161.602        | 1014.3      |              |                         |   |            |                |             |              |
| 131                     | 11 | 82.003     | 162.155        | 996.6       |              |                         |   |            |                |             |              |
| 132                     | 12 | 82.023     | 162.724        | 991.1       |              |                         |   |            |                |             |              |
| 133                     | 13 | 82.026     | 163.050        | 989.8       |              |                         |   |            |                |             |              |
| 134                     | 14 | 82.031     | 163.358        | 993.0       |              |                         |   |            |                |             |              |
| 135                     | 15 | 82.059     | 163.289        | 995.6       |              |                         |   |            |                |             |              |
| 136                     | 16 | 82.096     | 163.074        | 998.1       |              |                         |   |            |                |             |              |
| 137                     | 17 | 82.151     | 162.666        | 1002.3      |              |                         |   |            |                |             |              |
| 138                     | 18 | 82.205     | 162.007        | 1003.2      |              |                         |   |            |                |             |              |
| 139                     | 19 | 82.215     | 161.837        | 1005.8      |              |                         |   |            |                |             |              |
| 140                     | 20 | 82.224     | 162.006        | 1011.9      |              |                         |   |            |                |             |              |
| 141                     | 21 | 82.239     | 161.930        | 1016.8      |              |                         |   |            |                |             |              |
| 142                     | 22 | 82.266     | 161.899        | 1016.6      |              |                         |   |            |                |             |              |
| 143                     | 23 | 82.391     | 161.983        | 1002.2      |              |                         |   |            |                |             |              |
| 144                     | 24 | 82.530     | 162.196        | 1000.7      |              |                         |   |            |                |             |              |
| 145                     | 25 | 82.675     | 162.354        | 1003.2      |              |                         |   |            |                |             |              |
| 146                     | 26 | 82.793     | 162.550        | 1007.8      |              |                         |   |            |                |             |              |
| 147                     | 27 | 82.862     | 162.460        | 1013.6      |              |                         |   |            |                |             |              |
| 148                     | 28 | 82.898     | 162.118        | 1015.2      |              |                         |   |            |                |             |              |
| 149                     | 29 | 82.900     | 161.875        | 1010.5      |              |                         |   |            |                |             |              |
| 150                     | 30 | 82.883     | 161.452        | 1012.9      |              |                         |   |            |                |             |              |
| 151                     | 31 | 82.869     | 161.340        | 1013.6      |              |                         |   |            |                |             |              |

| BUOY(24289)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24289)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 185                     | 4  | 84.033     | 158.973        | 1007.0      |              | 213                     | 1  | 84.336     | 151.659        | 995.9       |              |
| 186                     | 5  | 84.091     | 158.437        | 1003.0      |              | 214                     | 2  | 84.297     | 152.684        | 993.3       |              |
| 187                     | 6  | 84.146     | 158.208        | 1009.9      |              | 215                     | 3  | 84.225     | 153.984        | 998.2       |              |
| 188                     | 7  | 84.179     | 157.910        | 1010.7      |              | 216                     | 4  | 84.192     | 154.874        | 996.3       |              |
| 189                     | 8  | 84.221     | 157.547        | 1012.6      |              | 217                     | 5  | 84.121     | 155.600        | 995.3       |              |
| 190                     | 9  | 84.269     | 157.141        | 1009.3      |              | 218                     | 6  | 84.069     | 155.585        | 1002.1      |              |
| 191                     | 10 | 84.329     | 156.493        | 1001.0      |              | 219                     | 7  | 84.045     | 156.416        | 1007.9      |              |
| 192                     | 11 | 84.368     | 155.571        | 997.1       |              | 220                     | 8  | 84.048     | 157.052        | 1006.6      |              |
| 193                     | 12 | 84.353     | 154.641        | 994.9       |              | 221                     | 9  | 83.988     | 157.394        | 1010.3      |              |
| 194                     | 13 | 84.332     | 153.752        | 1010.3      |              | 222                     | 10 | 83.905     | 157.176        | 1019.7      |              |
| 195                     | 14 | 84.299     | 153.211        | 1019.9      |              | 223                     | 11 | 83.786     | 157.456        | 1018.8      |              |
| 196                     | 15 | 84.309     | 153.456        | 1012.1      |              | 224                     | 12 | 83.674     | 157.608        | 1013.6      |              |
| 197                     | 16 | 84.245     | 154.433        | 1004.1      |              | 225                     | 13 | 83.629     | 157.595        | 1011.6      |              |
| 198                     | 17 | 84.202     | 154.813        | 1000.9      |              | 226                     | 14 | 83.554     | 157.571        | 1013.3      |              |
| 199                     | 18 | 84.300     | 154.264        | 995.9       |              | 227                     | 15 | 83.490     | 157.817        | 1011.8      |              |
| 200                     | 19 | 84.368     | 153.967        | 1000.0      |              | 228                     | 16 | 83.425     | 158.052        | 1008.4      |              |
| 201                     | 20 | 84.401     | 153.571        | 1005.4      |              | 229                     | 17 | 83.352     | 158.372        | 1000.3      |              |
| 202                     | 21 | 84.434     | 153.413        | 1005.9      |              | 230                     | 18 | 83.332     | 157.929        | 1004.9      |              |
| 203                     | 22 | 84.553     | 153.394        | 993.5       |              | 231                     | 19 | 83.351     | 157.864        | 1012.9      |              |
| 204                     | 23 | 84.600     | 153.905        | 994.5       |              | 232                     | 20 | 83.334     | 158.384        | 1013.3      |              |
| 205                     | 24 | 84.650     | 153.508        | 992.6       |              | 233                     | 21 | 83.291     | 158.534        | 1011.0      |              |
| 206                     | 25 | 84.651     | 152.666        | 1002.5      |              | 234                     | 22 | 83.212     | 158.898        | 1007.4      |              |
| 207                     | 26 | 84.571     | 151.930        | 1005.5      |              | 235                     | 23 | 83.196     | 158.812        | 1010.8      |              |
| 208                     | 27 | 84.476     | 151.871        | 1007.8      |              | 236                     | 24 | 83.186     | 158.687        | 1012.4      |              |
| 209                     | 28 | 84.398     | 151.796        | 1003.9      |              | 237                     | 25 | 83.191     | 158.537        | 1009.0      |              |
| 210                     | 29 | 84.348     | 151.296        | 1006.2      |              | 238                     | 26 | 83.149     | 158.463        | 1000.2      |              |
| 211                     | 30 | 84.316     | 151.569        | 997.0       |              | 239                     | 27 | 83.127     | 158.092        | 995.0       |              |
| 212                     | 31 | 84.336     | 151.678        | 997.3       |              | 240                     | 28 | 83.153     | 158.152        | 999.8       |              |
|                         |    |            |                |             |              | 241                     | 29 | 83.207     | 158.231        | 1002.8      |              |
|                         |    |            |                |             |              | 242                     | 30 | 83.247     | 158.614        | 1005.1      |              |
|                         |    |            |                |             |              | 243                     | 31 | 83.288     | 158.954        | 999.0       |              |

# BUOY 24289

| BUOY(24289)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24289)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 83.326     | 160.417        | 992.9       |              | 274                     | 1  | 83.310     | 165.013        | 1012.9      |              |
| 245                     | 2  | 83.298     | 160.829        | 993.3       |              | 275                     | 2  | 83.378     | 164.967        | 1011.9      |              |
| 246                     | 3  | 83.189     | 160.647        | 990.9       |              | 276                     | 3  | 83.453     | 164.855        | 1010.6      |              |
| 247                     | 4  | 83.155     | 161.437        | 982.4       |              | 277                     | 4  | 83.536     | 163.792        | 1004.7      |              |
| 248                     | 5  | 83.192     | 162.121        | 982.5       |              | 278                     | 5  | 83.555     | 162.343        | 1001.8      |              |
| 249                     | 6  | 83.237     | 162.136        | 986.0       |              | 279                     | 6  | 83.531     | 161.550        | 1006.4      |              |
| 250                     | 7  | 83.272     | 161.084        | 992.8       |              | 280                     | 7  | 83.506     | 161.622        | 1011.8      |              |
| 251                     | 8  | 83.187     | 160.000        | 995.7       |              | 281                     | 8  | 83.550     | 161.785        | 1007.1      |              |
| 252                     | 9  | 83.153     | 159.146        | 1001.2      |              | 282                     | 9  | 83.666     | 161.631        | 1010.5      |              |
| 253                     | 10 | 83.120     | 158.239        | 1005.5      |              | 283                     | 10 | 83.710     | 161.088        | 1014.9      |              |
| 254                     | 11 | 83.083     | 157.397        | 1013.5      |              | 284                     | 11 | 83.796     | 160.004        | 1013.5      |              |
| 255                     | 12 | 83.084     | 157.145        | 1019.8      |              | 285                     | 12 | 83.886     | 159.173        | 1015.4      |              |
| 256                     | 13 | 83.098     | 157.234        | 1019.0      |              | 286                     | 13 | 83.970     | 158.386        | 1016.5      |              |
| 257                     | 14 | 83.113     | 157.554        | 1016.0      |              | 287                     | 14 | 84.043     | 157.682        | 1024.5      |              |
| 258                     | 15 | 83.128     | 158.027        | 1019.9      |              | 288                     | 15 | 84.079     | 157.220        | 1028.6      |              |
| 259                     | 16 | 83.212     | 158.480        | 1017.7      |              | 289                     | 16 | 84.126     | 156.816        | 1033.9      |              |
| 260                     | 17 | 83.253     | 158.577        | 1002.0      |              | 290                     | 17 | 84.169     | 156.393        | 1037.5      |              |
| 261                     | 18 | 83.249     | 159.261        | 1002.8      |              | 291                     | 18 | 84.129     | 156.076        | 1026.9      |              |
| 262                     | 19 | 83.283     | 160.265        | 1002.1      |              | 292                     | 19 | 84.077     | 155.539        | 1016.1      |              |
| 263                     | 20 | 83.323     | 160.895        | 1004.9      |              | 293                     | 20 | 84.111     | 155.569        | 1009.7      |              |
| 264                     | 21 | 83.335     | 161.188        | 1014.1      |              | 294                     | 21 | 84.172     | 155.028        | 1014.2      |              |
| 265                     | 22 | 83.360     | 161.047        | 1020.5      |              | 295                     | 22 | 84.265     | 155.069        | 1015.1      |              |
| 266                     | 23 | 83.439     | 161.439        | 1015.1      |              | 296                     | 23 | 84.342     | 154.771        | 1024.5      |              |
| 267                     | 24 | 83.438     | 162.086        | 1008.1      |              | 297                     | 24 | 84.366     | 154.110        | 1022.9      |              |
| 268                     | 25 | 83.413     | 162.612        | 1003.4      |              | 298                     | 25 | 84.365     | 153.777        | 1016.0      |              |
| 269                     | 26 | 83.348     | 163.589        | 992.2       |              | 299                     | 26 | 84.354     | 153.693        | 1010.5      |              |
| 270                     | 27 | 83.327     | 164.546        | 990.7       |              | 300                     | 27 | 84.293     | 153.867        | 1008.5      |              |
| 271                     | 28 | 83.312     | 165.093        | 1000.7      |              | 301                     | 28 | 84.270     | 153.831        | 1013.3      |              |
| 272                     | 29 | 83.319     | 165.304        | 1007.5      |              | 302                     | 29 | 84.317     | 153.692        | 1012.1      |              |
| 273                     | 30 | 83.327     | 165.120        | 1008.2      |              | 303                     | 30 | 84.340     | 153.642        | 1014.5      |              |
|                         |    |            |                |             |              | 304                     | 31 | 84.316     | 153.274        | 1017.0      |              |

| BUOY(24289)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24289)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 84.279     | 153.068        | 1026.8      |              | 335                     | 1  | 83.424     | 153.939        | 987.6       |              |
| 306                     | 2  | 84.279     | 153.066        | 1032.6      |              | 336                     | 2  | 83.396     | 155.062        | 984.2       |              |
| 307                     | 3  | 84.321     | 153.169        | 1026.2      |              | 337                     | 3  | 83.394     | 155.753        | 983.3       |              |
| 308                     | 4  | 84.362     | 153.106        | 1020.4      |              | 338                     | 4  | 83.444     | 156.646        | 985.2       |              |
| 309                     | 5  | 84.375     | 152.237        | 1008.9      |              | 339                     | 5  | 83.538     | 157.228        | 990.9       |              |
| 310                     | 6  | 84.347     | 151.568        | 1020.5      |              | 340                     | 6  | 83.609     | 157.519        | 997.4       |              |
| 311                     | 7  | 84.309     | 151.584        | 1023.5      |              | 341                     | 7  | 83.754     | 158.145        | 991.8       |              |
| 312                     | 8  | 84.273     | 151.957        | 1016.2      |              | 342                     | 8  | 83.820     | 158.039        | 993.8       |              |
| 313                     | 9  | 84.218     | 152.034        | 1014.7      |              | 343                     | 9  | 83.846     | 158.163        | 1010.0      |              |
| 314                     | 10 | 84.166     | 152.502        | 1014.5      |              | 344                     | 10 | 83.937     | 158.278        | 1009.2      |              |
| 315                     | 11 | 84.107     | 153.072        | 1016.4      |              | 345                     | 11 | 84.081     | 158.519        | 1005.4      |              |
| 316                     | 12 | 84.073     | 153.546        | 1019.0      |              | 346                     | 12 | 84.186     | 158.370        | 1005.6      |              |
| 317                     | 13 | 84.092     | 153.508        | 1022.1      |              | 347                     | 13 | 84.283     | 157.824        | 1007.4      |              |
| 318                     | 14 | 84.098     | 153.290        | 1028.4      |              | 348                     | 14 | 84.377     | 157.290        | 1012.5      |              |
| 319                     | 15 | 84.084     | 153.251        | 1030.0      |              | 349                     | 15 | 84.447     | 156.982        | 1013.1      |              |
| 320                     | 16 | 84.042     | 153.405        | 1019.5      |              | 350                     | 16 | 84.535     | 157.001        | 1013.5      |              |
| 321                     | 17 | 84.042     | 153.559        | 1016.6      |              | 351                     | 17 | 84.660     | 157.412        | 1012.0      |              |
| 322                     | 18 | 84.066     | 153.436        | 1021.6      |              | 352                     | 18 | 84.786     | 157.810        | 1012.8      |              |
| 323                     | 19 | 84.069     | 153.324        | 1024.0      |              | 353                     | 19 | 84.853     | 157.661        | 1022.2      |              |
| 324                     | 20 | 84.057     | 153.253        | 1024.5      |              | 354                     | 20 | 84.914     | 157.103        | 1025.6      |              |
| 325                     | 21 | 84.020     | 153.078        | 1016.8      |              | 355                     | 21 | 84.934     | 156.363        | 1025.4      |              |
| 326                     | 22 | 83.973     | 152.725        | 1012.7      |              | 356                     | 22 | 84.925     | 155.725        | 1024.7      |              |
| 327                     | 23 | 83.888     | 152.435        | 1009.2      |              | 357                     | 23 | 84.898     | 155.394        | 1025.6      |              |
| 328                     | 24 | 83.768     | 152.587        | 1006.8      |              | 358                     | 24 | 84.894     | 155.148        | 1027.0      |              |
| 329                     | 25 | 83.738     | 152.746        | 1010.5      |              | 359                     | 25 | 84.929     | 155.057        | 1027.7      |              |
| 330                     | 26 | 83.759     | 152.636        | 1020.3      |              | 360                     | 26 | 84.988     | 154.856        | 1029.6      |              |
| 331                     | 27 | 83.720     | 152.050        | 1020.6      |              | 361                     | 27 | 85.070     | 154.309        | 1026.9      |              |
| 332                     | 28 | 83.660     | 152.250        | 1012.3      |              | 362                     | 28 | 85.156     | 154.156        | 1028.8      |              |
| 333                     | 29 | 83.588     | 152.638        | 1003.6      |              | 363                     | 29 | 85.278     | 153.553        | 1015.3      |              |
| 334                     | 30 | 83.470     | 153.329        | 995.1       |              | 364                     | 30 | 85.397     | 152.918        | 1018.4      |              |
|                         |    |            |                |             |              | 365                     | 31 | 85.492     | 151.347        | 1010.5      |              |

# BUOY 24290

| BUOY(24290)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24290)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 76.442     | -134.367       |             | -6.1         | 305                     | 1  | 76.755     | -139.461       | 1021.1      | -11.6        |
| 275                     | 2  | 76.456     | -134.472       | 1013.7      | -5.9         | 306                     | 2  | 76.641     | -139.239       | 1031.5      | -20.5        |
| 276                     | 3  | 76.561     | -135.170       | 1007.9      | -5.1         | 307                     | 3  | 76.643     | -139.173       | 1030.6      | -22.1        |
| 277                     | 4  | 76.721     | -135.624       | 994.8       | -2.4         | 308                     | 4  | 76.698     | -139.180       | 1021.9      | -24.2        |
| 278                     | 5  | 76.506     | -135.407       | 1007.8      | -7.9         | 309                     | 5  | 76.868     | -138.946       | 1007.3      | -14.2        |
| 279                     | 6  | 76.376     | -135.269       | 1022.3      | -9.0         | 310                     | 6  | 76.880     | -138.293       | 996.7       | -10.9        |
| 280                     | 7  | 76.380     | -135.010       | 1022.4      | -13.2        | 311                     | 7  | 76.758     | -137.988       | 996.9       | -19.8        |
| 281                     | 8  | 76.424     | -135.679       | 1015.0      | -9.9         | 312                     | 8  | 76.536     | -137.992       | 999.8       | -25.6        |
| 282                     | 9  | 76.536     | -136.909       | 1011.2      | -10.1        | 313                     | 9  | 76.426     | -138.025       | 998.7       | -26.8        |
| 283                     | 10 | 76.642     | -137.919       | 1012.8      | -10.6        | 314                     | 10 | 76.350     | -138.075       | 999.3       | -21.2        |
| 284                     | 11 | 76.655     | -138.347       | 1012.6      | -16.3        | 315                     | 11 | 76.262     | -138.109       | 1002.1      | -24.7        |
| 285                     | 12 | 76.634     | -138.619       | 1021.2      | -21.3        | 316                     | 12 | 76.271     | -138.038       | 1001.1      | -26.1        |
| 286                     | 13 | 76.631     | -138.931       | 1024.4      | -16.5        | 317                     | 13 | 76.303     | -138.312       | 1005.8      | -24.6        |
| 287                     | 14 | 76.642     | -139.215       |             | -22.2        | 318                     | 14 | 76.330     | -138.424       | 1010.4      | -21.2        |
| 288                     | 15 | 76.687     | -139.606       | 1032.0      | -21.5        | 319                     | 15 | 76.320     | -138.410       | 1011.9      | -22.6        |
| 289                     | 16 | 76.679     | -140.020       | 1027.4      | -19.5        | 320                     | 16 | 76.344     | -138.580       | 1007.6      | -19.1        |
| 290                     | 17 | 76.656     | -140.320       | 1020.9      | -16.1        | 321                     | 17 | 76.399     | -138.832       | 1006.2      | -21.8        |
| 291                     | 18 | 76.611     | -140.588       | 1013.6      | -17.5        | 322                     | 18 | 76.418     | -138.667       | 1019.9      | -29.8        |
| 292                     | 19 | 76.576     | -140.481       | 1016.6      | -20.2        | 323                     | 19 | 76.417     | -138.614       | 1015.2      | -25.8        |
| 293                     | 20 | 76.689     | -140.907       | 1019.3      | -11.7        | 324                     | 20 | 76.403     | -138.528       | 1022.7      | -23.3        |
| 294                     | 21 | 76.766     | -141.086       | 1023.0      | -14.8        | 325                     | 21 | 76.445     | -138.406       | 1016.5      | -24.4        |
| 295                     | 22 | 76.762     | -141.237       | 1022.2      | -16.4        | 326                     | 22 | 76.619     | -138.694       | 1000.5      | -20.9*       |
| 296                     | 23 | 76.780     | -141.377       | 1025.1      | -7.6         | 327                     | 23 | 76.639     | -138.128       | 1000.6      | -25.9        |
| 297                     | 24 | 76.803     | -141.561       | 1024.3      | -5.7         | 328                     | 24 | 76.694     | -137.994       | 1001.5      | -24.5        |
| 298                     | 25 | 76.827     | -141.835       | 1017.0      | -13.4        | 329                     | 25 | 76.769     | -138.257       | 997.2       | -16.4        |
| 299                     | 26 | 76.788     | -142.048       | 1018.2      | -21.2        | 330                     | 26 | 76.771     | -138.293       | 1003.5      | -27.2        |
| 300                     | 27 | 76.869     | -141.841       | 1005.1      | -9.7         | 331                     | 27 | 76.797     | -138.065       | 1005.7      | -31.2        |
| 301                     | 28 | 76.909     | -140.865       | 1003.3      | -16.5        | 332                     | 28 | 76.925     | -138.147       | 998.2       | -25.7        |
| 302                     | 29 | 76.745     | -140.601       | 1013.3      | -16.3*       | 333                     | 29 | 77.098     | -138.596       | 995.8       | -22.6        |
| 303                     | 30 | 76.850     | -140.433       | 1016.9      | -10.5        | 334                     | 30 | 77.129     | -138.692       | 999.9       | -24.7        |
| 304                     | 31 | 76.869     | -139.860       | 1011.6      | -8.2         |                         |    |            |                |             |              |

| BUOY(24290)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 77.126     | -138.631       | 1000.9      | -29.3        |
| 336                     | 2  | 77.080     | -138.525       | 1001.6      | -32.3        |
| 337                     | 3  | 77.051     | -138.109       | 1002.3      | -31.3        |
| 338                     | 4  | 77.000     | -137.709       | 1012.6      | -30.4        |
| 339                     | 5  | 76.967     | -137.391       | 1021.3      | -30.8        |
| 340                     | 6  | 76.963     | -137.240       | 1021.2      | -31.2        |
| 341                     | 7  | 76.967     | -137.199       | 1023.7      | -31.2        |
| 342                     | 8  | 77.031     | -137.158       | 1020.0      | -26.8        |
| 343                     | 9  | 77.071     | -137.148       | 1016.1      | -30.6        |
| 344                     | 10 | 77.045     | -137.121       | 1018.4      | -32.9        |
| 345                     | 11 | 77.012     | -137.153       | 1025.7      | -33.7        |
| 346                     | 12 | 77.023     | -137.350       | 1026.8      | -32.6        |
| 347                     | 13 | 77.048     | -137.568       | 1026.6      | -26.0        |
| 348                     | 14 | 77.058     | -137.880       |             | -21.2        |
| 354                     | 20 | 76.901     | -139.246       | 1017.0      | -33.1*       |
| 355                     | 21 | 76.874     | -139.417       | 1004.9      | -33.8        |
| 356                     | 22 | 76.846     | -139.406       | 1000.1      | -33.2        |
| 357                     | 23 | 76.805     | -139.365       | 998.4       | -29.8        |
| 358                     | 24 | 76.774     | -139.444       | 1007.2      | -29.9        |
| 359                     | 25 | 76.694     | -139.556       | 1017.9      | -33.0        |
| 360                     | 26 | 76.627     | -139.701       | 1031.4      | -33.3        |
| 361                     | 27 | 76.576     | -139.756       | 1038.6      | -24.6        |
| 362                     | 28 | 76.544     | -139.878       | 1041.1      | -24.9        |
| 363                     | 29 | 76.547     | -140.137       | 1037.2      | -21.9        |



# BUOY 24293

| BUOY(24293)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24293)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 81.949     | -116.558       | 1007.1      | -33.4        | 32                      | 1  | 81.955     | -114.125       | 1014.4      | -36.9        |
| 2                       | 2  | 81.974     | -116.868       | 1013.7      | -34.5        | 33                      | 2  | 81.957     | -114.094       | 1018.5      | -38.8        |
| 3                       | 3  | 81.983     | -117.034       | 1012.7      | -30.2        | 34                      | 3  | 81.962     | -114.090       | 1025.7      | -39.2        |
| 4                       | 4  | 81.976     | -117.163       | 1014.4      | -31.6        | 35                      | 4  | 81.988     | -114.072       | 1019.3      | -36.2        |
| 5                       | 5  | 81.994     | -117.266       | 1011.1      | -29.3        | 36                      | 5  | 82.011     | -114.062       | 1002.3      | -32.2        |
| 6                       | 6  | 82.209     | -117.523       | 985.1       | -19.4        | 37                      | 6  | 81.966     | -114.196       | 1020.3      | -36.3*       |
| 7                       | 7  | 82.227     | -117.196       | 1000.6      | -25.3        | 38                      | 7  | 81.940     | -114.047       | 1024.1      | -37.9        |
| 8                       | 8  | 82.216     | -117.103       | 1004.9      | -22.3        | 39                      | 8  | 81.895     | -114.013       | 1018.6      | -34.3        |
| 9                       | 9  | 82.156     | -116.972       | 1030.9      | -35.2        | 40                      | 9  | 81.809     | -114.150       | 1008.4      | -25.4        |
| 10                      | 10 | 82.115     | -116.683       | 1039.2      | -37.0        | 41                      | 10 | 81.725     | -114.393       | 1016.0      | -29.3        |
| 11                      | 11 | 82.068     | -116.384       | 1037.7      | -31.8        | 42                      | 11 | 81.711     | -114.399       | 1021.5      | -32.9        |
| 12                      | 12 | 82.058     | -115.924       | 1030.4      | -30.2        | 43                      | 12 | 81.711     | -114.400       | 1020.0      | -32.6        |
| 13                      | 13 | 82.058     | -115.322       | 1011.2      | -22.2        | 44                      | 13 | 81.710     | -114.400       | 1020.8      | -34.4        |
| 14                      | 14 | 82.029     | -115.328       | 1029.7      | -34.1        | 45                      | 14 | 81.710     | -114.373       | 1023.0      | -36.5*       |
| 15                      | 15 | 82.024     | -114.987       | 1010.5      | -27.3        | 46                      | 15 | 81.712     | -114.377       | 1020.7      | -36.6        |
| 16                      | 16 | 81.981     | -114.804       | 1020.8      | -31.1        | 47                      | 16 | 81.711     | -114.368       | 1017.3      | -36.2        |
| 17                      | 17 | 81.981     | -114.793       | 1023.5      | -33.3        | 48                      | 17 | 81.711     | -114.377       | 1011.5      | -35.6        |
| 18                      | 18 | 81.980     | -114.801       | 1028.6      | -35.7        | 49                      | 18 | 81.709     | -114.424       | 1017.0      | -34.0        |
| 19                      | 19 | 81.980     | -114.803       | 1042.0      | -33.5        | 50                      | 19 | 81.709     | -114.422       | 1018.9      | -32.1        |
| 20                      | 20 | 81.978     | -114.635       | 1033.1      | -23.2        | 51                      | 20 | 81.707     | -114.390       | 1023.8      | -37.2        |
| 21                      | 21 | 81.986     | -114.410       | 1041.2      | -24.8        | 52                      | 21 | 81.709     | -114.398       | 1021.5      | -37.7        |
| 22                      | 22 | 82.004     | -114.047       | 1027.6      | -23.6        | 54                      | 23 | 81.713     | -114.368       | 1005.5      | -40.7        |
| 23                      | 23 | 81.962     | -114.081       | 1029.1      | -31.4        | 55                      | 24 | 81.712     | -114.366       | 1010.5      | -44.9        |
| 24                      | 24 | 81.958     | -114.027       | 1017.5      | -27.2        | 56                      | 25 | 81.715     | -114.366       | 1019.2      | -47.0        |
| 25                      | 25 | 81.959     | -114.029       | 1015.8      | -32.8        | 57                      | 26 | 81.713     | -114.372       | 1022.7      | -45.6        |
| 26                      | 26 | 81.958     | -114.031       | 1017.6      | -33.2        | 58                      | 27 | 81.718     | -114.346       | 1021.0      | -40.9        |
| 27                      | 27 | 81.960     | -114.034       | 1010.3      | -34.6        | 59                      | 28 | 81.715     | -114.393       | 1026.4      | -41.5        |
| 28                      | 28 | 81.984     | -114.041       | 1014.5      | -32.0        |                         |    |            |                |             |              |
| 29                      | 29 | 82.019     | -114.150       | 1028.2      | -32.8        |                         |    |            |                |             |              |
| 30                      | 30 | 82.005     | -114.198       | 1030.6      | -37.3        |                         |    |            |                |             |              |
| 31                      | 31 | 81.957     | -114.202       | 1019.6      | -36.3        |                         |    |            |                |             |              |

| BUOY(24293)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24293)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 81.715     | -114.367       | 1033.6      | -41.7        | 91                      | 1  | 81.615     | -114.318       | 1026.3      | -24.8        |
| 61                      | 2  | 81.713     | -114.355       | 1033.0      | -39.1        | 92                      | 2  | 81.616     | -114.328       | 1026.0      | -26.1        |
| 62                      | 3  | 81.714     | -114.365       | 1033.6      | -41.7        | 93                      | 3  | 81.617     | -114.320       | 1027.1      | -27.5        |
| 63                      | 4  | 81.715     | -114.351       | 1035.4      | -41.6        | 94                      | 4  | 81.634     | -114.313       | 1026.8      | -26.9        |
| 64                      | 5  | 81.713     | -114.371       | 1034.5      | -41.0        | 95                      | 5  | 81.644     | -114.371       | 1014.5      | -23.6        |
| 65                      | 6  | 81.719     | -114.367       | 1039.5      | -40.1        | 96                      | 6  | 81.618     | -114.437       | 1015.7      | -26.8        |
| 66                      | 7  | 81.738     | -114.411       | 1022.2      | -27.1        | 97                      | 7  | 81.615     | -114.367       | 1017.6      | -31.2        |
| 67                      | 8  | 81.723     | -114.501       | 1019.0      | -32.5        | 98                      | 8  | 81.624     | -114.291       | 1015.7      | -28.9        |
| 68                      | 9  | 81.698     | -114.592       | 1032.3      | -33.8        | 99                      | 9  | 81.653     | -114.138       | 1006.5      | -25.9        |
| 69                      | 10 | 81.696     | -114.583       | 1020.6      | -35.6        | 100                     | 10 | 81.658     | -114.095       | 1008.5      | -28.8        |
| 70                      | 11 | 81.692     | -114.726       | 1007.0      | -29.8        | 101                     | 11 | 81.654     | -114.083       | 1017.0      | -32.8        |
| 71                      | 12 | 81.624     | -114.978       | 1004.4      | -35.5        | 102                     | 12 | 81.651     | -114.078       | 1026.1      | -31.1        |
| 72                      | 13 | 81.589     | -114.808       | 1000.9      | -38.0        | 103                     | 13 | 81.653     | -114.086       | 1027.3      | -32.3        |
| 73                      | 14 | 81.602     | -114.588       | 1007.7      | -36.7        | 104                     | 14 | 81.651     | -114.078       | 1025.4      | -30.9        |
| 74                      | 15 | 81.623     | -114.375       | 1020.6      | -36.5        | 105                     | 15 | 81.661     | -114.104       | 1017.5      | -26.0        |
| 75                      | 16 | 81.620     | -114.355       | 1023.7      | -38.2        | 106                     | 16 | 81.721     | -114.145       | 1009.7      | -21.8        |
| 76                      | 17 | 81.617     | -114.364       | 1022.1      | -33.9        | 107                     | 17 | 81.754     | -114.156       | 1009.7      | -21.5        |
| 77                      | 18 | 81.617     | -114.360       | 1025.0      | -32.3        | 108                     | 18 | 81.730     | -114.083       | 1016.6      | -26.9        |
| 78                      | 19 | 81.617     | -114.364       | 1017.5      | -35.0        | 109                     | 19 | 81.725     | -114.063       | 1022.1      | -27.5        |
| 79                      | 20 | 81.617     | -114.361       | 1013.6      | -36.5        | 110                     | 20 | 81.720     | -114.060       | 1031.8      | -26.0        |
| 80                      | 21 | 81.619     | -114.349       | 1013.6      | -35.7        | 111                     | 21 | 81.716     | -114.097       | 1036.1      | -26.2        |
| 81                      | 22 | 81.615     | -114.318       | 1014.3      | -31.8        | 112                     | 22 | 81.722     | -114.234       | 1034.1      | -26.5        |
| 82                      | 23 | 81.614     | -114.326       | 1018.2      | -34.6        | 113                     | 23 | 81.726     | -114.402       | 1031.4      | -24.7        |
| 83                      | 24 | 81.616     | -114.325       | 1017.4      | -37.4        | 114                     | 24 | 81.716     | -114.733       | 1029.0      | -22.8        |
| 84                      | 25 | 81.616     | -114.323       | 1007.8      | -35.6        | 115                     | 25 | 81.676     | -115.067       | 1037.1      | -24.1        |
| 85                      | 26 | 81.616     | -114.321       | 1013.6      | -40.5        | 116                     | 26 | 81.651     | -115.136       | 1045.7      | -24.2        |
| 86                      | 27 | 81.615     | -114.319       | 1015.7      | -38.3        | 117                     | 27 | 81.650     | -115.081       | 1042.3      | -20.3        |
| 87                      | 28 | 81.618     | -114.327       | 1021.9      | -34.9        | 118                     | 28 | 81.648     | -115.065       | 1037.9      | -20.7        |
| 88                      | 29 | 81.616     | -114.327       | 1028.7      | -35.0        | 119                     | 29 | 81.627     | -115.057       | 1030.3      | -20.7        |
| 89                      | 30 | 81.615     | -114.323       | 1021.8      | -27.1        | 120                     | 30 | 81.627     | -115.060       | 1027.7      | -20.0        |
| 90                      | 31 | 81.616     | -114.326       | 1020.1      | -24.7        |                         |    |            |                |             |              |

# BUOY 24293

| BUOY(24293)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24293)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 81.627     | -115.039       | 1030.5      | -18.5        | 152                     | 1  | 81.381     | -115.064       | 1013.3      | -5.3         |
| 122                     | 2  | 81.626     | -114.961       | 1035.7      | -16.6        | 153                     | 2  | 81.353     | -115.093       | 1017.7      | -4.8         |
| 123                     | 3  | 81.628     | -114.719       | 1035.2      | -13.9        | 154                     | 3  | 81.341     | -115.092       | 1020.5      | -4.9         |
| 124                     | 4  | 81.626     | -114.513       | 1024.9      | -6.9         | 155                     | 4  | 81.334     | -115.252       | 1016.6      | -4.8         |
| 125                     | 5  | 81.606     | -114.617       | 1016.0      | -9.9         | 156                     | 5  | 81.308     | -115.366       | 1019.6      | -4.8         |
| 126                     | 6  | 81.509     | -115.205       | 1008.6      | -12.5        | 157                     | 6  | 81.287     | -115.320       | 1027.4      | -6.1         |
| 127                     | 7  | 81.414     | -115.657       | 1004.0      | -13.4        | 158                     | 7  | 81.291     | -115.291       | 1023.5      | -5.4         |
| 128                     | 8  | 81.374     | -115.839       | 1006.8      | -12.7        | 159                     | 8  | 81.291     | -115.439       | 1022.4      | -6.3         |
| 129                     | 9  | 81.365     | -116.016       | 1016.5      | -13.7        | 160                     | 9  | 81.260     | -115.519       | 1024.8      | -6.6         |
| 130                     | 10 | 81.360     | -115.934       | 1020.5      | -14.5        | 161                     | 10 | 81.200     | -115.591       | 1027.6      | -7.3         |
| 131                     | 11 | 81.370     | -115.697       | 1016.8      | -14.5        | 162                     | 11 | 81.124     | -115.636       | 1027.3      | -7.6         |
| 132                     | 12 | 81.406     | -115.129       | 1007.3      | -13.0        | 163                     | 12 | 81.068     | -115.542       | 1026.1      | -7.6         |
| 133                     | 13 | 81.461     | -114.371       | 1002.0      | -11.6        | 164                     | 13 | 81.069     | -115.497       | 1022.9      | -6.5         |
| 134                     | 14 | 81.497     | -113.767       | 1010.3      | -11.5        |                         |    |            |                |             |              |
| 135                     | 15 | 81.524     | -113.688       | 1008.9      | -13.0        |                         |    |            |                |             |              |
| 136                     | 16 | 81.525     | -113.683       | 1011.2      | -10.4        |                         |    |            |                |             |              |
| 137                     | 17 | 81.522     | -113.673       | 1014.1      | -9.4         |                         |    |            |                |             |              |
| 138                     | 18 | 81.518     | -113.666       | 1020.5      | -10.7        |                         |    |            |                |             |              |
| 139                     | 19 | 81.527     | -113.647       | 1022.2      | -10.6        |                         |    |            |                |             |              |
| 140                     | 20 | 81.530     | -113.642       | 1019.3      | -9.4         |                         |    |            |                |             |              |
| 141                     | 21 | 81.509     | -113.811       | 1015.8      | -11.2        |                         |    |            |                |             |              |
| 142                     | 22 | 81.442     | -114.463       | 1007.6      | -8.6         |                         |    |            |                |             |              |
| 143                     | 23 | 81.326     | -115.076       | 1009.7      | -9.9         |                         |    |            |                |             |              |
| 144                     | 24 | 81.274     | -115.104       | 1017.0      | -7.8         |                         |    |            |                |             |              |
| 145                     | 25 | 81.274     | -115.084       | 1019.7      | -8.2         |                         |    |            |                |             |              |
| 146                     | 26 | 81.276     | -115.055       | 1022.0      | -8.9         |                         |    |            |                |             |              |
| 147                     | 27 | 81.276     | -115.045       | 1023.3      | -8.1         |                         |    |            |                |             |              |
| 148                     | 28 | 81.286     | -115.045       | 1020.5      | -8.6         |                         |    |            |                |             |              |
| 149                     | 29 | 81.362     | -115.102       | 1009.1      | -6.8         |                         |    |            |                |             |              |
| 150                     | 30 | 81.385     | -114.868       | 1009.2      | -6.1         |                         |    |            |                |             |              |
| 151                     | 31 | 81.396     | -114.884       | 1006.9      | -5.2         |                         |    |            |                |             |              |

| BUOY(24293)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24293)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 220                     | 8  | 81.524     | -113.184       | 1007.5      | -2.2         | 244                     | 1  | 81.909     | -111.020       | 1003.8      | -3.9         |
| 221                     | 9  | 81.537     | -113.282       | 1008.5      | -1.8         | 245                     | 2  | 81.853     | -110.434       | 1010.2      | -1.8         |
| 222                     | 10 | 81.579     | -113.494       | 1005.3      | -2.5         | 246                     | 3  | 81.823     | -110.114       | 999.7       | -4.6         |
| 223                     | 11 | 81.630     | -113.807       | 1005.6      | -3.0         | 247                     | 4  | 81.853     | -110.001       | 999.5       | -6.1         |
| 224                     | 12 | 81.706     | -113.902       | 1007.2      | -2.7         | 248                     | 5  | 81.901     | -110.019       | 1005.3      | -4.0         |
| 225                     | 13 | 81.696     | -114.216       | 1005.1      | -2.7         | 249                     | 6  | 81.945     | -110.051       | 1009.3      | -2.1         |
| 226                     | 14 | 81.654     | -114.483       | 1004.7      | -3.1         | 250                     | 7  | 81.961     | -110.067       | 1003.6      | -3.9         |
| 227                     | 15 | 81.606     | -114.616       | 1004.5      | -3.2         | 251                     | 8  | 81.941     | -109.899       | 989.4       | -9.1         |
| 228                     | 16 | 81.552     | -114.563       | 1002.4      | -4.6         | 252                     | 9  | 81.989     | -109.761       | 992.1       | -8.8         |
| 229                     | 17 | 81.520     | -114.546       | 1002.9      | -4.6         | 253                     | 10 | 82.050     | -109.935       | 1004.0      | -5.3         |
| 230                     | 18 | 81.511     | -114.508       | 1002.8      | -4.7         | 254                     | 11 | 82.083     | -110.458       | 996.5       | -7.4         |
| 231                     | 19 | 81.504     | -114.555       | 1000.4      | -5.1         | 255                     | 12 | 82.120     | -111.093       | 1003.7      | -3.9         |
| 232                     | 20 | 81.464     | -114.466       | 1008.4      | -2.5         | 256                     | 13 | 82.129     | -111.591       | 1001.6      | -5.4         |
| 233                     | 21 | 81.430     | -114.271       | 1005.4      | -3.4         | 257                     | 14 | 82.086     | -112.141       | 999.6       | -7.6         |
| 234                     | 22 | 81.447     | -114.038       | 1006.2      | -3.6         | 258                     | 15 | 81.997     | -112.682       | 999.7       | -7.3         |
| 239                     | 27 | 81.869     | -112.304       | 1006.1      | -3.4         | 259                     | 16 | 81.925     | -113.034       | 996.8       | -7.6         |
| 240                     | 28 | 81.927     | -111.923       | 999.8       | -5.2         | 260                     | 17 | 81.888     | -113.128       | 991.2       | -9.5         |
| 241                     | 29 | 81.941     | -111.687       | 996.5       | -6.1         | 261                     | 18 | 81.910     | -112.434       | 1006.0      | -4.4         |
| 242                     | 30 | 81.943     | -111.674       | 995.9       | -5.6         | 262                     | 19 | 81.882     | -111.750       | 1001.6      | -4.8         |
| 243                     | 31 | 81.932     | -111.543       | 1006.7      | -2.7         | 263                     | 20 | 81.866     | -111.196       | 1003.7      | -4.5         |
|                         |    |            |                |             |              | 264                     | 21 | 81.879     | -110.870       | 1003.5      | -6.0         |
|                         |    |            |                |             |              | 265                     | 22 | 81.887     | -110.799       | 997.4       | -8.3         |
|                         |    |            |                |             |              | 266                     | 23 | 81.875     | -110.770       | 998.4       | -8.3         |
|                         |    |            |                |             |              | 267                     | 24 | 81.875     | -110.648       | 997.5       | -8.7         |
|                         |    |            |                |             |              | 268                     | 25 | 81.935     | -110.316       | 998.0       | -8.4         |
|                         |    |            |                |             |              | 269                     | 26 | 82.003     | -110.057       | 987.7       | -11.9        |
|                         |    |            |                |             |              | 270                     | 27 | 82.012     | -109.962       | 984.8       | -14.8        |
|                         |    |            |                |             |              | 271                     | 28 | 82.038     | -109.789       | 995.7       | -9.6         |
|                         |    |            |                |             |              | 272                     | 29 | 82.020     | -109.568       | 992.5       | -8.7         |
|                         |    |            |                |             |              | 273                     | 30 | 82.029     | -109.553       | 973.6       | -17.6        |

# BUOY 24293

| BUOY(24293)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24293)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 82.040     | -109.689       | 974.6       | -21.1        | 305                     | 1  | 81.817     | -113.459       | 975.6       | -20.7        |
| 275                     | 2  | 82.034     | -109.981       | 969.2       | -22.4        | 306                     | 2  | 81.824     | -113.664       | 971.2       | -23.2        |
| 276                     | 3  | 82.028     | -110.275       | 964.7       | -23.5        | 307                     | 3  | 81.789     | -113.765       | 969.1       | -24.8        |
| 277                     | 4  | 82.054     | -110.554       | 968.0       | -22.9        | 308                     | 4  | 81.754     | -113.741       | 990.6       | -28.9        |
| 278                     | 5  | 82.118     | -110.732       | 973.7       | -18.0        | 309                     | 5  | 81.733     | -113.585       | 974.2       | -24.1        |
| 279                     | 6  | 82.129     | -110.886       | 970.5       | -20.8        | 310                     | 6  | 81.811     | -113.664       | 966.2       | -27.2        |
| 280                     | 7  | 82.102     | -110.853       | 978.4       | -16.4        | 311                     | 7  | 81.889     | -114.361       | 979.0       | -26.4        |
| 281                     | 8  | 82.066     | -110.874       | 977.0       | -21.1        | 312                     | 8  | 81.911     | -115.027       | 1011.4      | -28.9        |
| 282                     | 9  | 82.025     | -110.879       | 968.9       | -21.4        | 313                     | 9  | 81.913     | -115.455       | 1014.3      | -33.5        |
| 283                     | 10 | 81.988     | -111.110       | 971.2       | -19.8        | 314                     | 10 | 81.910     | -115.682       | 1016.0      | -34.7        |
| 284                     | 11 | 81.963     | -111.525       | 965.8       | -22.9        | 315                     | 11 | 81.926     | -115.810       | 1013.4      | -25.0        |
| 285                     | 12 | 81.915     | -111.889       | 970.4       | -20.4        | 316                     | 12 | 81.963     | -116.017       | 998.1       | -24.0        |
| 286                     | 13 | 81.858     | -112.126       | 964.0       | -22.4        | 317                     | 13 | 81.971     | -116.278       | 966.6       | -23.7        |
| 287                     | 14 | 81.826     | -112.385       | 965.8       | -22.0        | 318                     | 14 | 81.950     | -116.520       | 1009.6      | -31.4        |
| 288                     | 15 | 81.788     | -112.339       | 984.3       | -16.4        | 319                     | 15 | 81.952     | -116.583       | 1022.3      | -28.9        |
| 289                     | 16 | 81.755     | -112.485       | 979.9       | -16.2        | 320                     | 16 | 81.952     | -116.582       | 1017.3      | -31.7        |
| 290                     | 17 | 81.739     | -112.907       | 969.6       | -22.0        | 321                     | 17 | 81.960     | -116.763       | 1020.3      | -28.4        |
| 291                     | 18 | 81.753     | -113.073       | 991.0       | -13.5        | 322                     | 18 | 81.960     | -117.106       | 1023.4      | -28.6        |
| 292                     | 19 | 81.810     | -113.182       | 990.1       | -9.0         | 323                     | 19 | 81.957     | -117.502       | 1024.4      | -27.9        |
| 293                     | 20 | 81.816     | -113.081       | 970.5       | -22.4        | 324                     | 20 | 81.952     | -117.779       | 1019.5      | -30.9        |
| 294                     | 21 | 81.785     | -113.103       | 974.7       | -19.5        | 325                     | 21 | 81.939     | -117.954       | 1013.8      | -31.8        |
| 295                     | 22 | 81.743     | -113.183       | 975.3       | -20.9        | 326                     | 22 | 81.899     | -117.986       | 1010.6      | -33.9        |
| 296                     | 23 | 81.700     | -113.470       | 967.3       | -24.4        | 327                     | 23 | 81.912     | -117.997       | 963.7       | -26.7        |
| 297                     | 24 | 81.644     | -113.769       | 966.7       | -24.5        | 328                     | 24 | 81.911     | -117.599       | 991.9       | -35.0        |
| 298                     | 25 | 81.621     | -113.726       | 977.8       | -20.7        | 329                     | 25 | 81.933     | -117.565       | 1016.1      | -35.5        |
| 299                     | 26 | 81.591     | -113.638       | 981.0       | -17.7        | 330                     | 26 | 81.983     | -117.827       | 1020.3      | -33.3        |
| 300                     | 27 | 81.592     | -113.326       | 980.4       | -19.4        | 331                     | 27 | 82.006     | -118.221       | 1014.6      | -33.9        |
| 301                     | 28 | 81.646     | -113.141       | 979.3       | -19.3        | 332                     | 28 | 81.996     | -118.259       | 1005.2      | -33.7        |
| 302                     | 29 | 81.664     | -113.318       | 965.5       | -24.7        | 333                     | 29 | 81.999     | -118.071       | 997.6       | -33.7        |
| 303                     | 30 | 81.646     | -113.299       | 994.5       | -28.7        | 334                     | 30 | 82.044     | -117.878       | 989.3       | -30.4        |
| 304                     | 31 | 81.716     | -113.211       | 969.1       | -23.2        |                         |    |            |                |             |              |

| BUOY(24293)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 335                     | 1  | 82.098     | -117.736       | 985.5       | -29.2        |
| 336                     | 2  | 82.119     | -117.543       | 983.7       | -32.7        |
| 337                     | 3  | 82.147     | -117.176       | 984.1       | -33.6        |
| 338                     | 4  | 82.161     | -116.885       | 989.4       | -32.2        |
| 339                     | 5  | 82.130     | -116.669       | 995.8       | -36.6        |
| 340                     | 6  | 82.110     | -116.363       | 993.0       | -36.9        |
| 341                     | 7  | 82.103     | -116.208       | 992.6       | -35.8        |
| 342                     | 8  | 82.116     | -115.844       | 1004.2      | -27.7        |
| 343                     | 9  | 82.154     | -115.396       | 1010.7      | -28.3        |
| 344                     | 10 | 82.151     | -115.307       | 1007.0      | -34.1        |
| 345                     | 11 | 82.136     | -115.330       | 1005.2      | -32.5        |
| 346                     | 12 | 82.131     | -115.240       | 1007.0      | -27.2        |
| 347                     | 13 | 82.133     | -115.225       | 1011.1      | -33.1        |
| 348                     | 14 | 82.131     | -115.228       | 1012.5      | -33.8        |
| 349                     | 15 | 82.115     | -115.320       | 1013.1      | -32.0        |
| 350                     | 16 | 82.075     | -115.453       | 1012.8      | -33.4        |
| 351                     | 17 | 82.037     | -115.507       | 1012.6      | -34.8        |
| 352                     | 18 | 82.002     | -115.418       | 1017.9      | -34.5        |
| 353                     | 19 | 81.985     | -115.376       | 1024.2      | -32.7        |
| 354                     | 20 | 81.958     | -115.667       | 1025.5      | -30.4        |
| 355                     | 21 | 81.924     | -116.292       | 958.1       | -22.9        |
| 356                     | 22 | 81.913     | -116.724       | 961.1       | -21.4        |
| 357                     | 23 | 81.910     | -117.382       | 961.7       | -22.0        |
| 358                     | 24 | 81.860     | -118.095       | 1008.2      | -26.8        |
| 359                     | 25 | 81.769     | -118.909       | 1029.0      | -29.4        |
| 360                     | 26 | 81.683     | -119.379       | 1027.1      | -30.6        |
| 361                     | 27 | 81.624     | -119.738       | 1028.8      | -30.5        |
| 362                     | 28 | 81.565     | -119.975       | 1019.6      | -28.6        |
| 363                     | 29 | 81.520     | -119.840       | 1017.7      | -25.3        |
| 364                     | 30 | 81.505     | -119.646       | 1013.9      | -25.5        |
| 365                     | 31 | 81.490     | -119.633       | 1007.5      | -30.2        |

# BUOY 24294

| BUOY(24294)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24294)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 82.441     | -92.829        | 1013.4      |              | 32                      | 1  | 82.321     | -92.348        | 1017.7      |              |
| 2                       | 2  | 82.453     | -92.844        | 1013.7      |              | 33                      | 2  | 82.321     | -92.306        | 1022.6      |              |
| 3                       | 3  | 82.456     | -93.023        | 1014.1      |              | 34                      | 3  | 82.322     | -92.286        | 1021.6      |              |
| 4                       | 4  | 82.442     | -93.198        | 1012.8      |              | 35                      | 4  | 82.323     | -92.281        | 1003.5      |              |
| 5                       | 5  | 82.435     | -93.184        | 988.8       |              | 36                      | 5  | 82.341     | -92.254        | 1019.4      |              |
| 6                       | 6  | 82.511     | -92.968        | 997.7       |              | 37                      | 6  | 82.321     | -92.419        | 1018.9      |              |
| 7                       | 7  | 82.583     | -92.537        | 965.0       |              | 38                      | 7  | 82.296     | -92.438        | 1019.3      |              |
| 8                       | 8  | 82.608     | -92.454        | 965.2       |              | 39                      | 8  | 82.259     | -92.485        | 1009.8      |              |
| 9                       | 9  | 82.608     | -92.426        | 961.0       |              | 40                      | 9  | 82.246     | -92.549        | 1014.1      |              |
| 10                      | 10 | 82.530     | -92.739        | 1039.5      |              | 41                      | 10 | 82.188     | -92.896        | 1020.2      |              |
| 11                      | 11 | 82.467     | -92.779        | 1031.0      |              | 42                      | 11 | 82.175     | -92.944        | 1020.8      |              |
| 12                      | 12 | 82.441     | -92.581        | 1015.9      |              | 43                      | 12 | 82.176     | -92.949        | 1020.3      |              |
| 13                      | 13 | 82.436     | -92.336        | 1021.2      |              | 44                      | 13 | 82.175     | -92.956        | 1021.5      |              |
| 14                      | 14 | 82.396     | -92.434        | 1014.3      |              | 45                      | 14 | 82.174     | -92.933        | 1021.8      |              |
| 15                      | 15 | 82.387     | -92.371        | 1018.4      |              | 46                      | 15 | 82.174     | -92.928        | 1018.7      |              |
| 16                      | 16 | 82.384     | -92.361        | 1022.1      |              | 47                      | 16 | 82.175     | -92.928        | 1013.9      |              |
| 17                      | 17 | 82.385     | -92.344        | 1027.4      |              | 48                      | 17 | 82.174     | -92.912        | 1014.7      |              |
| 18                      | 18 | 82.384     | -92.359        | 1042.0      |              | 49                      | 18 | 82.171     | -92.942        | 1018.8      |              |
| 19                      | 19 | 82.383     | -92.351        | 1032.2      |              | 54                      | 23 | 82.177     | -92.893        | 1007.7      |              |
| 20                      | 20 | 82.384     | -92.343        | 1041.9      |              | 55                      | 24 | 82.178     | -92.886        | 1013.4      |              |
| 21                      | 21 | 82.383     | -92.367        | 1031.5      |              | 56                      | 25 | 82.178     | -92.891        | 1021.0      |              |
| 22                      | 22 | 82.380     | -92.194        | 1028.9      |              | 57                      | 26 | 82.178     | -92.884        | 1021.2      |              |
| 23                      | 23 | 82.369     | -92.208        | 1019.8      |              | 58                      | 27 | 82.178     | -92.871        | 1024.2      |              |
| 24                      | 24 | 82.364     | -92.200        | 1016.1      |              | 59                      | 28 | 82.178     | -92.888        | 1030.8      |              |
| 25                      | 25 | 82.364     | -92.190        | 1017.4      |              |                         |    |            |                |             |              |
| 26                      | 26 | 82.362     | -92.197        | 1011.0      |              |                         |    |            |                |             |              |
| 27                      | 27 | 82.363     | -92.203        | 1012.9      |              |                         |    |            |                |             |              |
| 28                      | 28 | 82.382     | -92.155        | 1026.0      |              |                         |    |            |                |             |              |
| 29                      | 29 | 82.404     | -92.174        | 1030.8      |              |                         |    |            |                |             |              |
| 30                      | 30 | 82.386     | -92.252        | 1021.3      |              |                         |    |            |                |             |              |
| 31                      | 31 | 82.326     | -92.403        | 1015.8      |              |                         |    |            |                |             |              |

| BUOY(24294)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24294)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 82.177     | -92.895        | 1033.1      |              | 91                      | 1  | 82.177     | -92.889        | 1026.9      |              |
| 61                      | 2  | 82.177     | -92.893        | 1033.4      |              | 92                      | 2  | 82.175     | -92.899        | 1027.1      |              |
| 62                      | 3  | 82.177     | -92.888        | 1034.6      |              | 93                      | 3  | 82.176     | -92.888        | 1027.1      |              |
| 63                      | 4  | 82.178     | -92.884        | 1035.0      |              | 94                      | 4  | 82.181     | -92.888        | 1019.9      |              |
| 64                      | 5  | 82.178     | -92.888        | 1037.1      |              | 95                      | 5  | 82.186     | -92.902        | 1015.0      |              |
| 65                      | 6  | 82.177     | -92.891        | 1024.3      |              | 96                      | 6  | 82.171     | -92.987        | 1017.0      |              |
| 66                      | 7  | 82.178     | -92.886        | 1019.2      |              | 97                      | 7  | 82.168     | -92.961        | 1016.7      |              |
| 67                      | 8  | 82.176     | -92.889        | 1027.5      |              | 98                      | 8  | 82.170     | -92.925        | 1008.1      |              |
| 68                      | 9  | 82.176     | -92.907        | 1028.4      |              | 99                      | 9  | 82.173     | -92.900        | 1007.8      |              |
| 69                      | 10 | 82.175     | -92.900        | 1013.0      |              | 100                     | 10 | 82.176     | -92.893        | 1014.7      |              |
|                         |    |            |                |             |              | 101                     | 11 | 82.174     | -92.889        | 1024.7      |              |
|                         |    |            |                |             |              | 102                     | 12 | 82.174     | -92.894        | 1026.9      |              |
|                         |    |            |                |             |              | 103                     | 13 | 82.174     | -92.883        | 1025.9      |              |
|                         |    |            |                |             |              | 104                     | 14 | 82.174     | -92.894        | 1021.4      |              |
|                         |    |            |                |             |              | 105                     | 15 | 82.173     | -92.889        | 1012.1      |              |
|                         |    |            |                |             |              | 106                     | 16 | 82.175     | -92.889        | 1009.7      |              |
|                         |    |            |                |             |              | 107                     | 17 | 82.174     | -92.892        | 1016.1      |              |
|                         |    |            |                |             |              | 108                     | 18 | 82.175     | -92.897        | 1021.2      |              |
|                         |    |            |                |             |              | 109                     | 19 | 82.176     | -92.896        | 1031.7      |              |
|                         |    |            |                |             |              | 110                     | 20 | 82.174     | -92.896        | 1035.1      |              |
|                         |    |            |                |             |              | 111                     | 21 | 82.174     | -92.894        | 1034.7      |              |
|                         |    |            |                |             |              | 112                     | 22 | 82.174     | -92.905        | 1032.0      |              |
|                         |    |            |                |             |              | 113                     | 23 | 82.178     | -92.910        | 1029.1      |              |
|                         |    |            |                |             |              | 114                     | 24 | 82.174     | -92.890        | 1034.1      |              |
|                         |    |            |                |             |              | 115                     | 25 | 82.174     | -92.893        | 1042.5      |              |
|                         |    |            |                |             |              | 116                     | 26 | 82.173     | -92.898        | 1043.0      |              |
|                         |    |            |                |             |              | 117                     | 27 | 82.175     | -92.899        | 1038.3      |              |
|                         |    |            |                |             |              | 118                     | 28 | 82.173     | -92.893        | 1032.6      |              |
|                         |    |            |                |             |              | 119                     | 29 | 82.173     | -92.889        | 1022.3      |              |
|                         |    |            |                |             |              | 120                     | 30 | 82.174     | -92.894        | 999.6       |              |

# BUOY 24294

| BUOY(24294)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24294)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 82.174     | -92.899        | 967.7       |              | 152                     | 1  | 81.847     | -94.736        | 1006.7      |              |
| 122                     | 2  | 82.175     | -92.894        | 967.8       |              | 153                     | 2  | 81.838     | -94.739        | 1014.3      |              |
| 123                     | 3  | 82.175     | -92.899        | 967.3       |              | 154                     | 3  | 81.830     | -94.744        | 1017.5      |              |
| 124                     | 4  | 82.174     | -92.892        | 980.8       |              | 155                     | 4  | 81.829     | -94.790        | 1015.3      |              |
| 125                     | 5  | 82.175     | -92.902        | 973.8       |              | 156                     | 5  | 81.831     | -94.817        | 1008.8      |              |
| 126                     | 6  | 82.099     | -93.731        | 978.7       |              | 157                     | 6  | 81.820     | -94.804        | 1021.9      |              |
| 127                     | 7  | 82.028     | -94.380        | 977.7       |              | 158                     | 7  | 81.818     | -94.769        | 1021.5      |              |
| 128                     | 8  | 82.024     | -94.422        | 976.1       |              | 159                     | 8  | 81.817     | -94.803        | 1019.9      |              |
| 129                     | 9  | 82.017     | -94.480        | 972.8       |              | 160                     | 9  | 81.815     | -94.803        | 1020.6      |              |
| 130                     | 10 | 82.014     | -94.472        | 973.3       |              | 161                     | 10 | 81.813     | -94.823        | 1023.5      |              |
| 131                     | 11 | 82.010     | -94.378        | 973.3       |              | 162                     | 11 | 81.806     | -94.832        | 1021.2      |              |
| 132                     | 12 | 82.011     | -93.994        | 975.6       |              | 163                     | 12 | 81.806     | -94.838        | 1023.0      |              |
| 133                     | 13 | 82.055     | -93.319        | 979.2       |              | 169                     | 18 | 81.734     | -95.437        | 1007.2      |              |
| 134                     | 14 | 82.092     | -92.645        | 981.9       |              |                         |    |            |                |             |              |
| 135                     | 15 | 82.091     | -92.631        | 985.0       |              |                         |    |            |                |             |              |
| 136                     | 16 | 82.095     | -92.647        | 986.4       |              |                         |    |            |                |             |              |
| 137                     | 17 | 82.094     | -92.634        | 989.0       |              |                         |    |            |                |             |              |
| 138                     | 18 | 82.093     | -92.653        | 993.6       |              |                         |    |            |                |             |              |
| 139                     | 19 | 82.095     | -92.647        | 988.3       |              |                         |    |            |                |             |              |
| 140                     | 20 | 82.096     | -92.637        | 986.1       |              |                         |    |            |                |             |              |
| 141                     | 21 | 82.083     | -92.780        | 989.7       |              |                         |    |            |                |             |              |
| 142                     | 22 | 82.032     | -93.670        | 988.4       |              |                         |    |            |                |             |              |
| 143                     | 23 | 81.925     | -94.630        | 991.2       |              |                         |    |            |                |             |              |
| 144                     | 24 | 81.879     | -94.758        | 994.9       |              |                         |    |            |                |             |              |
| 145                     | 25 | 81.859     | -94.631        | 1000.0      |              |                         |    |            |                |             |              |
| 146                     | 26 | 81.846     | -94.539        | 995.1       |              |                         |    |            |                |             |              |
| 147                     | 27 | 81.844     | -94.528        | 997.3       |              |                         |    |            |                |             |              |
| 148                     | 28 | 81.844     | -94.518        | 998.4       |              |                         |    |            |                |             |              |
| 149                     | 29 | 81.849     | -94.487        | 997.2       |              |                         |    |            |                |             |              |
| 150                     | 30 | 81.865     | -94.410        | 1004.2      |              |                         |    |            |                |             |              |
| 151                     | 31 | 81.861     | -94.510        | 1002.4      |              |                         |    |            |                |             |              |

| BUOY(24294)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24294)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 225                     | 13 | 81.991     | -95.213        | 992.7       |              | 244                     | 1  | 82.170     | -94.670        | 1003.2      |              |
| 226                     | 14 | 81.974     | -95.549        | 994.7       |              | 245                     | 2  | 82.186     | -94.379        | 996.1       |              |
| 227                     | 15 | 81.972     | -95.594        | 999.1       |              | 246                     | 3  | 82.186     | -94.377        | 1004.9      |              |
| 228                     | 16 | 81.966     | -95.654        | 999.3       |              | 247                     | 4  | 82.194     | -94.352        | 1005.5      |              |
| 229                     | 17 | 81.930     | -95.929        | 999.8       |              | 248                     | 5  | 82.213     | -94.311        | 1001.2      |              |
| 230                     | 18 | 81.883     | -96.276        | 1007.5      |              | 249                     | 6  | 82.225     | -94.292        | 1003.8      |              |
| 231                     | 19 | 81.833     | -96.532        | 1010.1      |              | 250                     | 7  | 82.224     | -94.290        | 1005.9      |              |
| 232                     | 20 | 81.804     | -96.554        | 1001.2      |              | 251                     | 8  | 82.220     | -94.329        | 1011.0      |              |
| 233                     | 21 | 81.815     | -96.429        | 998.8       |              | 252                     | 9  | 82.219     | -94.302        | 1015.5      |              |
| 234                     | 22 | 81.856     | -96.238        | 1007.7      |              | 253                     | 10 | 82.223     | -94.422        | 1008.4      |              |
| 240                     | 28 | 82.157     | -94.854        | 1026.5      |              | 254                     | 11 | 82.245     | -94.691        | 999.8       |              |
| 241                     | 29 | 82.158     | -94.866        | 1028.2      |              | 255                     | 12 | 82.264     | -94.644        | 1005.7      |              |
| 242                     | 30 | 82.154     | -94.860        | 1021.3      |              | 256                     | 13 | 82.271     | -94.935        | 1002.3      |              |
| 243                     | 31 | 82.158     | -94.842        | 1013.3      |              | 257                     | 14 | 82.251     | -95.527        | 993.8       |              |
|                         |    |            |                |             |              | 258                     | 15 | 82.263     | -95.989        | 1005.4      |              |
|                         |    |            |                |             |              | 259                     | 16 | 82.252     | -96.116        | 1018.5      |              |
|                         |    |            |                |             |              | 260                     | 17 | 82.245     | -96.225        | 1023.0      |              |
|                         |    |            |                |             |              | 261                     | 18 | 82.280     | -95.832        | 1006.7      |              |
|                         |    |            |                |             |              | 262                     | 19 | 82.336     | -94.680        | 1005.7      |              |
|                         |    |            |                |             |              | 263                     | 20 | 82.353     | -94.146        | 1022.5      |              |
|                         |    |            |                |             |              | 264                     | 21 | 82.393     | -93.889        | 1028.7      |              |
|                         |    |            |                |             |              | 265                     | 22 | 82.394     | -93.867        | 1023.9      |              |
|                         |    |            |                |             |              | 266                     | 23 | 82.384     | -93.904        | 1024.0      |              |
|                         |    |            |                |             |              | 267                     | 24 | 82.375     | -93.910        | 1015.6      |              |
|                         |    |            |                |             |              | 268                     | 25 | 82.405     | -93.704        | 1008.2      |              |
|                         |    |            |                |             |              | 269                     | 26 | 82.463     | -93.302        | 994.5       |              |
|                         |    |            |                |             |              | 270                     | 27 | 82.491     | -93.214        | 994.4       |              |
|                         |    |            |                |             |              | 271                     | 28 | 82.496     | -93.196        | 1004.0      |              |
|                         |    |            |                |             |              | 272                     | 29 | 82.536     | -92.945        | 1013.2      |              |
|                         |    |            |                |             |              | 273                     | 30 | 82.534     | -92.942        | 1015.2      |              |

# BUOY 24294

| BUOY(24294)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(24294)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 274                     | 1  | 82.526     | -93.091        | 1017.3      |              | 305                     | 1  | 81.933     | -97.660        | 1024.1      |              |
| 275                     | 2  | 82.499     | -93.432        | 1020.9      |              | 306                     | 2  | 81.929     | -97.750        | 1025.2      |              |
| 276                     | 3  | 82.472     | -93.776        | 1024.3      |              | 307                     | 3  | 81.895     | -97.990        | 1025.8      |              |
| 277                     | 4  | 82.469     | -94.053        | 1019.7      |              | 308                     | 4  | 81.869     | -98.038        | 1022.2      |              |
| 278                     | 5  | 82.483     | -93.996        | 1013.4      |              | 309                     | 5  | 81.867     | -98.001        | 1022.3      |              |
| 279                     | 6  | 82.493     | -94.127        | 1014.5      |              | 310                     | 6  | 81.885     | -97.874        | 1015.2      |              |
| 280                     | 7  | 82.488     | -94.163        | 1008.8      |              | 311                     | 7  | 81.934     | -97.890        | 1010.6      |              |
| 281                     | 8  | 82.454     | -94.289        | 1016.1      |              | 312                     | 8  | 81.954     | -98.068        | 1004.2      |              |
| 282                     | 9  | 82.416     | -94.423        | 1020.1      |              | 313                     | 9  | 81.962     | -98.301        | 1007.5      |              |
| 283                     | 10 | 82.381     | -94.793        | 1022.9      |              | 314                     | 10 | 81.965     | -98.491        | 1007.0      |              |
| 284                     | 11 | 82.337     | -95.267        | 1018.8      |              | 315                     | 11 | 81.975     | -98.581        | 1006.5      |              |
| 285                     | 12 | 82.286     | -95.759        | 1016.1      |              | 316                     | 12 | 82.000     | -98.675        | 1013.9      |              |
| 286                     | 13 | 82.239     | -96.117        | 1021.7      |              | 317                     | 13 | 81.993     | -98.935        | 1010.0      |              |
| 287                     | 14 | 82.204     | -96.432        | 1026.2      |              | 318                     | 14 | 81.981     | -99.216        | 1010.4      |              |
| 288                     | 15 | 82.174     | -96.361        | 1026.4      |              | 319                     | 15 | 81.987     | -99.269        | 1016.5      |              |
| 289                     | 16 | 82.162     | -96.395        | 1031.2      |              | 320                     | 16 | 81.980     | -99.307        | 1016.9      |              |
| 290                     | 17 | 82.167     | -96.755        | 1023.8      |              | 321                     | 17 | 81.950     | -99.667        | 1015.1      |              |
| 291                     | 18 | 82.175     | -96.886        | 1019.4      |              | 322                     | 18 | 81.928     | -100.093       | 1016.4      |              |
| 292                     | 19 | 82.193     | -96.923        | 1018.6      |              | 323                     | 19 | 81.909     | -100.487       | 1016.9      |              |
| 293                     | 20 | 82.158     | -96.976        | 1027.4      |              | 324                     | 20 | 81.894     | -100.814       | 1019.3      |              |
| 294                     | 21 | 82.147     | -97.182        | 1019.5      |              | 325                     | 21 | 81.879     | -100.990       | 1011.9      |              |
| 295                     | 22 | 82.096     | -97.332        | 1021.6      |              | 326                     | 22 | 81.834     | -101.145       | 1004.3      |              |
| 296                     | 23 | 82.019     | -97.898        | 1020.9      |              | 327                     | 23 | 81.837     | -101.075       | 997.1       |              |
| 297                     | 24 | 81.947     | -98.423        | 1020.3      |              | 328                     | 24 | 81.830     | -100.821       | 1007.8      |              |
| 298                     | 25 | 81.915     | -98.345        | 1014.3      |              | 329                     | 25 | 81.833     | -100.755       | 1018.4      |              |
| 299                     | 26 | 81.888     | -98.245        | 1012.2      |              | 330                     | 26 | 81.847     | -100.815       | 1019.5      |              |
| 300                     | 27 | 81.870     | -98.047        | 1008.1      |              | 331                     | 27 | 81.846     | -100.953       | 1006.4      |              |
| 301                     | 28 | 81.887     | -97.809        | 1009.2      |              | 332                     | 28 | 81.841     | -100.996       | 1005.1      |              |
| 302                     | 29 | 81.907     | -97.862        | 1018.9      |              | 333                     | 29 | 81.845     | -100.873       | 1010.1      |              |
| 303                     | 30 | 81.887     | -97.937        | 1029.0      |              | 334                     | 30 | 81.863     | -100.714       | 1015.3      |              |
| 304                     | 31 | 81.895     | -97.747        | 1026.9      |              |                         |    |            |                |             |              |

| BUOY(24294)<br>2003 Dec |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|---|------------|----------------|-------------|--------------|
| 335                     | 1 | 81.884     | -100.579       | 1005.6      |              |
| 336                     | 2 | 81.899     | -100.394       | 1002.5      |              |
| 337                     | 3 | 81.955     | -100.008       | 1000.1      |              |
| 338                     | 4 | 81.976     | -99.796        | 1002.1      |              |

# BUOY 25499

| BUOY(25499)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(25499)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 2                       | 2  | 84.076     | 26.504         | 1024.5      | -23.3        | 32                      | 1  | 82.330     | 15.658         | 1009.3      | -32.2        |
| 3                       | 3  | 84.096     | 26.405         | 1021.1      | -21.4        | 33                      | 2  | 82.322     | 15.358         | 1006.8      | -30.8        |
| 4                       | 4  | 84.099     | 26.243         | 1015.2      | -22.8        | 34                      | 3  | 82.284     | 15.303         | 1018.8      | -36.0        |
| 5                       | 5  | 84.121     | 25.745         | 1009.6      | -21.4        | 35                      | 4  | 82.256     | 15.219         | 1023.2      | -39.0        |
| 6                       | 6  | 84.110     | 24.732         | 1010.7      | -28.2*       | 36                      | 5  | 82.253     | 14.912         | 1016.9      | -34.9        |
| 7                       | 7  | 84.050     | 24.407         | 1010.0      | -29.9        | 37                      | 6  | 82.353     | 14.235         | 1001.8      | -21.0        |
| 8                       | 8  | 84.013     | 24.742         | 1011.1      | -25.2        | 38                      | 7  | 82.389     | 14.232         | 1005.0      | -15.6        |
| 9                       | 9  | 83.927     | 25.076         | 1011.3      | -22.7        | 39                      | 8  | 82.439     | 14.089         | 1002.5      | -16.3        |
| 10                      | 10 | 83.818     | 24.562         | 1014.8      | -32.2        | 40                      | 9  | 82.407     | 13.532         | 1004.3      | -20.3        |
| 11                      | 11 | 83.682     | 24.050         | 1007.2      | -31.2        | 41                      | 10 | 82.360     | 13.183         | 1012.4      | -33.0        |
| 12                      | 12 | 83.612     | 23.472         | 1006.3      | -34.8        | 42                      | 11 | 82.344     | 13.044         | 1018.3      | -31.3        |
| 13                      | 13 | 83.595     | 23.299         | 997.0       | -36.7        | 43                      | 12 | 82.384     | 12.940         | 1015.0      | -20.5        |
| 14                      | 14 | 83.558     | 22.433         | 1004.4      | -33.6        | 44                      | 13 | 82.453     | 13.103         | 1008.4      | -11.5        |
| 15                      | 15 | 83.462     | 21.779         | 1002.3      | -31.3        | 45                      | 14 | 82.442     | 13.204         | 1003.3      | -17.2*       |
| 16                      | 16 | 83.416     | 21.498         | 1007.1      | -32.3        | 46                      | 15 | 82.350     | 12.716         | 998.1       | -24.6        |
| 17                      | 17 | 83.391     | 21.420         | 1013.5      | -32.8        | 47                      | 16 | 82.214     | 12.933         | 1014.4      | -32.4        |
| 18                      | 18 | 83.353     | 21.299         | 1018.2      | -35.5        | 48                      | 17 | 82.239     | 12.825         | 1008.1      | -23.8        |
| 19                      | 19 | 83.295     | 21.074         | 1021.5      | -37.0        | 49                      | 18 | 82.360     | 12.167         | 1002.1      | -13.3        |
| 20                      | 20 | 83.103     | 21.333         | 994.5       | -29.2        | 50                      | 19 | 82.382     | 11.881         | 988.8       | -16.7        |
| 21                      | 21 | 83.018     | 19.863         | 1015.6      | -33.2        | 51                      | 20 | 82.256     | 12.120         | 1001.8      | -29.9        |
| 22                      | 22 | 82.948     | 18.952         | 1010.7      | -31.2        | 52                      | 21 | 82.195     | 11.897         | 999.5       | -34.3        |
| 23                      | 23 | 82.909     | 17.939         | 1006.1      | -26.9        | 53                      | 22 | 82.072     | 11.706         | 1018.6      | -35.8        |
| 24                      | 24 | 82.860     | 17.207         | 1004.9      | -32.0        | 54                      | 23 | 82.114     | 11.031         | 1000.1      | -23.9        |
| 25                      | 25 | 82.800     | 16.882         | 1007.4      | -32.9        | 55                      | 24 | 82.021     | 10.110         | 1016.4      | -33.1        |
| 26                      | 26 | 82.714     | 16.629         | 1008.2      | -28.5        | 56                      | 25 | 82.015     | 10.018         | 1014.2      | -31.6        |
| 27                      | 27 | 82.659     | 16.466         | 1007.2      | -30.8        | 57                      | 26 | 82.002     | 8.884          | 1003.1      | -24.3        |
| 28                      | 28 | 82.604     | 16.254         | 1013.5      | -33.1        | 58                      | 27 | 81.895     | 8.153          | 1019.2      | -34.0        |
| 29                      | 29 | 82.475     | 16.180         | 1015.7      | -32.1        | 59                      | 28 | 81.821     | 8.287          | 1023.7      | -38.7        |
| 30                      | 30 | 82.371     | 15.914         | 1021.0      | -31.2        |                         |    |            |                |             |              |
| 31                      | 31 | 82.341     | 15.727         | 1014.1      | -32.3        |                         |    |            |                |             |              |

| BUOY(25499)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 81.776     | 8.266          | 1022.3      | -37.0        |
| 61                      | 2  | 81.739     | 7.872          | 1018.8      | -33.6        |
| 62                      | 3  | 81.678     | 7.312          | 1020.8      | -32.3        |
| 63                      | 4  | 81.583     | 6.722          | 1027.0      | -28.2        |
| 64                      | 5  | 81.493     | 6.309          | 1026.1      | -31.2        |
| 65                      | 6  | 81.381     | 5.544          | 1020.6      | -29.0        |
| 66                      | 7  | 81.275     | 4.047          | 1017.2      | -25.9        |
| 67                      | 8  | 81.136     | 2.175          | 1002.0      | -21.4        |
| 68                      | 9  | 80.909     | 0.777          | 1008.2      | -25.7        |
| 69                      | 10 | 80.692     | 0.297          | 1001.6      | -35.0        |
| 70                      | 11 | 80.465     | 0.188          | 1003.5      | -34.8        |
| 71                      | 12 | 80.310     | 0.379          | 1005.2      | -30.5        |
| 72                      | 13 | 80.206     | 0.127          | 994.4       | -24.9        |
| 73                      | 14 | 80.043     | 0.075          | 1010.7      | -28.8        |
| 76                      | 17 | 79.637     | 0.619          | 1011.1      | -19.3        |
| 77                      | 18 | 79.371     | -0.192         | 1014.4      | -22.4        |
| 78                      | 19 | 79.112     | -0.656         | 1028.2      | -22.4        |
| 79                      | 20 | 79.130     | -0.669         | 991.6       | -6.6         |
| 80                      | 21 | 78.894     | -1.208         | 983.2       | -17.8        |
| 81                      | 22 | 78.536     | -2.014         | 989.4       | -19.8        |
| 82                      | 23 | 78.261     | -3.984         | 998.6       | -11.1        |
| 83                      | 24 | 77.979     | -5.279         | 1008.7      | -10.7        |
| 84                      | 25 | 77.957     | -5.799         | 993.1       | -4.9         |
| 85                      | 26 | 77.783     | -7.144         | 987.8       | -15.6        |
| 86                      | 27 | 77.485     | -7.967         | 1003.4      | -21.9        |
| 87                      | 28 | 77.353     | -8.427         | 1012.9      | -18.1        |
| 88                      | 29 | 77.165     | -9.236         | 1021.8      | -23.6        |
| 89                      | 30 | 77.009     | -9.371         | 1021.0      | -23.8        |

# BUOY 26211

| BUOY(26211)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26211)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 2                       | 2  | 72.747     | -175.330       | 1002.5      | -28.6        | 32                      | 1  | 73.274     | -179.385       | 1023.4      | -38.5        |
| 3                       | 3  | 72.611     | -175.450       | 1008.2      | -35.6        | 33                      | 2  | 73.272     | -179.390       | 1022.9      | -38.9        |
| 4                       | 4  | 72.563     | -175.436       | 1006.1      | -38.8        | 34                      | 3  | 73.261     | -179.283       | 1020.8      | -37.6        |
| 5                       | 5  | 72.511     | -175.470       | 1002.0      | -37.8        | 35                      | 4  | 73.239     | -179.075       | 1024.7      | -35.9        |
| 6                       | 6  | 72.460     | -175.352       | 997.4       | -35.3        | 36                      | 5  | 73.221     | -178.939       | 1032.2      | -37.5        |
| 7                       | 7  | 72.475     | -175.207       | 1003.7      | -32.3        | 38                      | 7  | 73.254     | -179.714       | 1024.6      | -22.6        |
| 8                       | 8  | 72.535     | -175.102       |             | -29.1*       | 39                      | 8  | 73.254     | -179.880       | 1029.1      | -24.2        |
| 9                       | 9  | 72.671     | -175.175       | 1020.8      | -26.6        | 40                      | 9  | 73.240     | -179.879       | 1034.7      | -30.8        |
| 10                      | 10 | 72.733     | -175.616       | 1009.2      | -18.2        | 41                      | 10 | 73.236     | 180.000        | 1034.0      | -32.7        |
| 11                      | 11 | 72.832     | -176.001       | 1007.2      | -12.5        | 42                      | 11 | 73.265     | 179.825        | 1033.6      | -28.9        |
| 12                      | 12 | 72.803     | -175.993       | 1016.4      | -26.1        | 43                      | 12 | 73.282     | 179.769        | 1038.4      | -30.5        |
| 13                      | 13 | 72.789     | -176.218       | 1010.8      | -15.9        | 44                      | 13 | 73.381     | 179.643        | 1030.1      | -22.2        |
| 14                      | 14 | 72.797     | -176.121       | 1029.3      | -24.1        | 45                      | 14 | 73.489     | 179.577        | 1021.2      | -17.6        |
| 15                      | 15 | 72.780     | -176.251       | 1022.9      | -22.0        | 46                      | 15 | 73.489     | 179.571        | 1023.3      | -23.4        |
| 16                      | 16 | 72.802     | -176.627       | 1023.4      | -20.6        | 47                      | 16 | 73.488     | 179.477        | 1022.7      | -25.2        |
| 17                      | 17 | 72.879     | -176.654       | 1028.3      | -19.9        | 48                      | 17 | 73.502     | 179.348        | 1023.3      | -26.8        |
| 18                      | 18 | 72.928     | -176.832       | 1020.6      | -19.9        | 49                      | 18 | 73.516     | 179.238        | 1029.0      | -27.6        |
| 19                      | 19 | 73.021     | -177.391       | 1018.7      | -14.6*       | 50                      | 19 | 73.505     | 179.131        | 1027.9      | -30.2        |
| 20                      | 20 | 73.183     | -177.979       | 1020.1      | -14.2        | 51                      | 20 | 73.500     | 179.014        | 1019.3      | -29.7        |
| 21                      | 21 | 73.209     | -178.233       | 1028.9      | -16.7        | 52                      | 21 | 73.405     | 179.050        | 1021.1      | -29.9        |
| 22                      | 22 | 73.175     | -178.317       | 1045.0      | -19.3        | 53                      | 22 | 73.360     | 179.242        | 1030.5      | -32.3        |
| 23                      | 23 | 73.206     | -178.594       | 1037.8      | -21.2        | 54                      | 23 | 73.357     | 179.423        | 1032.0      | -32.6        |
| 24                      | 24 | 73.302     | -178.724       | 1029.2      | -20.4        | 55                      | 24 | 73.353     | 179.447        | 1030.3      | -33.7        |
| 25                      | 25 | 73.344     | -178.790       | 1023.5      | -24.3        | 56                      | 25 | 73.355     | 179.355        | 1028.5      | -34.0        |
| 26                      | 26 | 73.347     | -178.882       | 1015.9      | -26.6        | 57                      | 26 | 73.363     | 179.276        | 1029.7      | -33.7        |
| 27                      | 27 | 73.324     | -179.041       | 1010.9      | -23.4        | 58                      | 27 | 73.374     | 179.100        | 1026.1      | -33.2        |
| 28                      | 28 | 73.266     | -179.083       | 1021.9      | -28.1        | 59                      | 28 | 73.361     | 178.843        | 1025.7      | -30.1        |
| 29                      | 29 | 73.274     | -179.240       | 1021.8      | -25.5        |                         |    |            |                |             |              |
| 30                      | 30 | 73.305     | -179.462       | 1020.2      | -24.4        |                         |    |            |                |             |              |
| 31                      | 31 | 73.279     | -179.390       | 1026.5      | -34.7        |                         |    |            |                |             |              |

| BUOY(26211)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26211)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 73.356     | 178.482        | 1023.2      | -26.8        | 91                      | 1  | 73.747     | 176.839        |             | -22.2*       |
| 61                      | 2  | 73.398     | 178.020        | 1021.3      | -26.2        | 92                      | 2  | 73.786     | 176.586        | 1008.8      | -19.3        |
| 62                      | 3  | 73.390     | 177.802        | 1017.7      | -25.3        | 93                      | 3  | 73.760     | 176.510        | 1013.6      | -19.0        |
| 63                      | 4  | 73.362     | 177.775        | 1024.6      | -22.9        | 94                      | 4  | 73.790     | 176.499        | 1014.8      | -20.0        |
| 66                      | 7  | 73.444     | 177.861        | 1042.4      | -16.0        | 95                      | 5  | 73.866     | 176.279        | 1012.4      | -16.1        |
| 67                      | 8  | 73.439     | 177.732        | 1043.5      | -12.5        | 96                      | 6  | 73.929     | 176.083        | 1011.3      | -13.5        |
| 68                      | 9  | 73.472     | 177.512        |             | -14.5*       | 97                      | 7  | 73.967     | 176.147        |             | -13.3*       |
| 69                      | 10 | 73.456     | 177.717        | 1042.0      | -17.3        | 98                      | 8  | 73.971     | 176.302        | 1012.2      | -19.8        |
| 70                      | 11 | 73.398     | 177.740        | 1049.4      | -24.0        | 99                      | 9  | 73.959     | 176.402        | 1016.0      | -21.5        |
| 71                      | 12 | 73.390     | 177.752        |             | -26.8*       | 100                     | 10 | 73.940     | 176.376        | 1022.3      | -19.3        |
| 72                      | 13 | 73.382     | 177.926        | 1024.5      | -26.5        | 101                     | 11 | 73.988     | 176.135        | 1016.7      | -18.1        |
| 73                      | 14 | 73.379     | 178.208        | 1012.1      | -25.0        | 102                     | 12 | 74.045     | 175.904        | 1019.2      | -17.6        |
| 74                      | 15 | 73.373     | 178.157        | 1014.5      | -25.9        | 103                     | 13 | 74.058     | 175.401        | 1005.7      | -18.2        |
| 75                      | 16 | 73.374     | 178.095        | 1016.2      | -26.5        | 104                     | 14 | 73.932     | 174.627        | 997.4       | -15.7        |
| 76                      | 17 | 73.380     | 178.025        | 1016.3      | -27.2        | 105                     | 15 | 73.828     | 174.656        | 1005.7      | -21.2        |
| 77                      | 18 | 73.390     | 177.943        | 1018.3      | -26.7        | 106                     | 16 | 73.796     | 174.751        | 1014.8      | -21.1        |
| 78                      | 19 | 73.393     | 177.910        | 1022.6      | -25.1        | 107                     | 17 | 73.822     | 174.793        | 1015.9      | -18.9        |
| 79                      | 20 | 73.394     | 177.926        | 1025.3      | -25.4        | 108                     | 18 | 73.844     | 174.699        | 1015.9      | -18.7        |
| 80                      | 21 | 73.398     | 177.906        | 1020.3      | -26.9        | 109                     | 19 | 73.830     | 174.542        | 1014.2      | -18.0        |
| 82                      | 23 | 73.466     | 177.587        | 1011.2      | -24.9        | 110                     | 20 | 73.842     | 174.437        | 1016.5      | -12.3        |
| 83                      | 24 | 73.478     | 177.539        | 1015.1      | -21.9        | 111                     | 21 | 73.886     | 174.287        | 1018.3      | -14.6        |
| 84                      | 25 | 73.482     | 177.540        | 1020.3      | -21.5        | 112                     | 22 | 73.912     | 174.137        | 1020.3      | -16.6        |
| 85                      | 26 | 73.528     | 177.589        | 1017.6      | -18.8        | 113                     | 23 | 73.953     | 173.945        | 1022.5      | -17.7        |
| 86                      | 27 | 73.552     | 177.580        | 1017.8      | -18.4        | 114                     | 24 | 74.016     | 173.466        | 1020.7      | -15.7        |
| 87                      | 28 | 73.592     | 177.537        | 1017.8      | -19.1        | 115                     | 25 | 74.043     | 172.839        | 1012.0      | -13.7        |
| 88                      | 29 | 73.639     | 177.406        | 1020.5      | -17.2        | 116                     | 26 | 74.055     | 172.464        | 1006.2      | -4.5         |
| 89                      | 30 | 73.660     | 177.277        | 1022.1      | -19.5        | 119                     | 29 | 74.147     | 172.235        | 1017.1      | -2.7         |
| 90                      | 31 | 73.696     | 177.038        | 1021.6      | -23.7        | 120                     | 30 | 74.152     | 172.354        | 1022.6      | -9.0         |



# BUOY 26211

| BUOY(26211)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26211)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 74.246     | 172.218        | 1014.9      | -4.1         | 154                     | 3  | 74.743     | 171.342        | 1018.5      | -4.8         |
| 122                     | 2  | 74.373     | 171.974        | 1014.0      | -2.3         | 155                     | 4  | 74.801     | 171.086        | 1015.5      | -3.1         |
| 123                     | 3  | 74.498     | 171.760        | 1020.3      | -1.4         | 156                     | 5  | 74.890     | 170.686        | 1010.2      | 0.5          |
| 124                     | 4  | 74.572     | 171.535        | 1026.2      | -2.4         | 157                     | 6  | 74.958     | 170.278        | 1011.4      | 0.8          |
| 125                     | 5  | 74.591     | 171.323        | 1031.3      | -6.1         | 158                     | 7  | 74.956     | 170.194        | 1017.0      | 1.3          |
| 126                     | 6  | 74.567     | 171.157        |             | -4.9*        | 159                     | 8  | 74.950     | 170.135        | 1015.9      | 2.1          |
| 127                     | 7  | 74.540     | 171.030        | 1032.9      | -3.6         | 160                     | 9  | 74.986     | 169.793        | 1015.0      | 0.8          |
| 129                     | 9  | 74.457     | 170.960        | 1028.3      | -9.5         | 161                     | 10 | 75.050     | 169.422        | 1011.5      | 0.9          |
| 130                     | 10 | 74.445     | 170.970        | 1020.5      | -10.0        | 162                     | 11 | 75.146     | 169.149        | 1012.7      | 1.0          |
| 131                     | 11 | 74.446     | 170.946        | 1017.2      | -10.2        | 163                     | 12 | 75.171     | 168.953        | 1014.1      | 1.3          |
| 132                     | 12 | 74.443     | 171.068        | 1006.0      | -7.9         | 164                     | 13 | 75.173     | 168.991        | 1010.2      | 1.4          |
| 133                     | 13 | 74.421     | 171.216        | 1004.3      | -3.6         | 165                     | 14 | 75.225     | 169.145        | 1005.3      | 0.3          |
| 134                     | 14 | 74.395     | 171.441        | 1001.2      | -5.0         | 166                     | 15 | 75.186     | 169.115        | 1002.1      | 0.3          |
| 135                     | 15 | 74.343     | 171.678        | 1005.3      | -9.5         | 167                     | 16 | 75.277     | 168.664        | 1006.7      | -0.1         |
| 136                     | 16 | 74.352     | 172.116        |             | -8.5*        | 168                     | 17 | 75.367     | 167.927        | 1017.7      | -0.2         |
| 137                     | 17 | 74.377     | 172.514        | 1004.0      | -6.8         | 169                     | 18 | 75.427     | 167.434        | 1023.8      | 0.7          |
| 138                     | 18 | 74.465     | 172.717        | 1006.0      | -5.9         | 170                     | 19 | 75.463     | 167.310        | 1022.7      | 1.7          |
| 139                     | 19 | 74.561     | 172.616        | 1005.4      | -2.4         | 171                     | 20 | 75.462     | 167.328        | 1021.6      | 2.0          |
| 140                     | 20 | 74.575     | 172.448        |             | -0.1*        | 172                     | 21 | 75.436     | 167.324        | 1016.6      | 2.9          |
| 141                     | 21 | 74.523     | 172.436        | 1017.8      | -1.6         | 173                     | 22 | 75.421     | 167.441        | 1010.6      | 0.8          |
| 142                     | 22 | 74.555     | 172.520        | 1017.8      | -3.1         | 174                     | 23 | 75.453     | 167.067        | 1005.1      | 0.7          |
| 143                     | 23 | 74.701     | 172.510        | 1009.3      | -3.8         | 175                     | 24 | 75.467     | 166.542        | 997.3       | 1.0          |
| 144                     | 24 | 74.699     | 172.440        | 1008.7      | -4.6         | 176                     | 25 | 75.416     | 166.316        | 1000.5      | 0.0          |
| 145                     | 25 | 74.689     | 172.486        | 1012.1      | -1.3         | 177                     | 26 | 75.370     | 166.539        | 1002.7      | -0.1         |
| 146                     | 26 | 74.750     | 172.442        | 1016.2      | -4.6         | 178                     | 27 | 75.407     | 166.730        | 1006.5      | 0.7          |
| 147                     | 27 | 74.774     | 172.271        | 1011.6      | -5.8         | 179                     | 28 | 75.464     | 166.994        | 1007.2      | 1.3          |
| 148                     | 28 | 74.766     | 172.102        | 1009.0      | -6.2         | 180                     | 29 | 75.587     | 167.144        | 1005.4      | 1.3          |
| 149                     | 29 | 74.731     | 172.080        | 1014.9      | -7.4         | 181                     | 30 | 75.645     | 167.109        | 1005.2      | 0.4          |
| 150                     | 30 | 74.714     | 172.136        | 1016.6      | -6.7         |                         |    |            |                |             |              |
| 151                     | 31 | 74.714     | 172.040        | 1013.2      | -6.6         |                         |    |            |                |             |              |

| BUOY(26211)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26211)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 75.558     | 166.856        | 1007.2      | 0.2          | 213                     | 1  | 73.746     | 172.744        | 1016.7      | 0.1*         |
| 183                     | 2  | 75.496     | 166.711        | 1002.0      | 0.7          | 214                     | 2  | 73.720     | 172.801        | 1015.1      | -0.2         |
| 184                     | 3  | 75.409     | 166.799        | 1003.7      | 0.7          | 215                     | 3  | 73.679     | 172.849        | 1018.2      | -0.1         |
| 185                     | 4  | 75.353     | 167.036        | 1006.2      | 1.2          | 216                     | 4  | 73.710     | 173.115        | 1004.0      | 0.3          |
| 186                     | 5  | 75.370     | 167.076        | 1005.2      | 3.1          | 217                     | 5  | 73.501     | 173.347        | 1021.2      | -1.2         |
| 187                     | 6  | 75.331     | 167.246        | 1014.2      | 1.1          | 218                     | 6  | 73.520     | 173.893        | 1012.1      | -0.2         |
| 188                     | 7  | 75.310     | 167.284        | 1012.1      | 1.6          | 219                     | 7  | 73.477     | 174.125        | 1020.9      | 0.3          |
| 189                     | 8  | 75.310     | 166.920        | 1017.7      | 0.9          | 220                     | 8  | 73.618     | 174.329        | 1014.2      | 0.3          |
| 190                     | 9  | 75.374     | 167.030        | 1008.3      | 0.7          | 221                     | 9  | 73.634     | 174.652        | 1015.2      | 0.0          |
| 191                     | 10 | 75.373     | 167.109        | 1005.4      | 0.7          | 222                     | 10 | 73.615     | 174.102        | 1023.3      | -1.4         |
| 192                     | 11 | 75.341     | 167.283        | 1001.1      | 0.9          | 223                     | 11 | 73.465     | 174.200        | 1024.5      | -1.2         |
| 193                     | 12 | 75.211     | 168.051        | 1005.8      | 0.1          | 224                     | 12 | 73.310     | 174.266        | 1014.2      | -0.7         |
| 194                     | 13 | 75.138     | 168.504        | 1000.0      | -0.2         | 225                     | 13 | 73.142     | 174.142        | 1013.3      | -2.0         |
| 195                     | 14 | 75.004     | 168.484        | 1013.2      | -0.1         | 226                     | 14 | 73.096     | 173.984        | 1011.6      | -2.0         |
| 196                     | 15 | 74.896     | 168.425        | 1026.6      | 0.1          | 227                     | 15 | 73.143     | 173.988        | 1015.3      | -1.3         |
| 197                     | 16 | 74.827     | 168.910        | 1018.7      | 1.2          | 228                     | 16 | 73.134     | 174.039        | 1014.1      | -0.3         |
| 198                     | 17 | 74.755     | 169.374        | 1011.9      | 1.6          | 231                     | 19 | 73.102     | 173.826        | 1009.2      | -0.5         |
| 199                     | 18 | 74.766     | 169.810        | 1005.9      | 1.5          | 232                     | 20 | 73.166     | 173.419        | 1011.9      | -0.3*        |
| 202                     | 21 | 74.766     | 170.060        | 1008.8      | 0.1          | 233                     | 21 | 73.217     | 173.088        | 1012.5      | -1.0*        |
| 203                     | 22 | 74.778     | 170.030        | 996.8       | 0.0          | 234                     | 22 | 73.237     | 173.057        | 1013.5      | -0.5*        |
| 204                     | 23 | 74.792     | 169.810        | 1004.0      | 0.7          | 235                     | 23 | 73.199     | 172.910        | 1010.4      | -0.7         |
| 205                     | 24 | 74.724     | 170.199        | 1001.6      | 0.3          | 236                     | 24 | 73.188     | 172.790        | 1012.6      | -1.7         |
| 206                     | 25 | 74.617     | 170.461        | 1006.9      | -0.6         | 237                     | 25 | 73.184     | 172.797        | 1011.7      | -1.5         |
| 207                     | 26 | 74.452     | 171.052        | 1006.6      | -0.3         | 238                     | 26 | 73.172     | 173.105        | 1011.4      | -0.7         |
| 208                     | 27 | 74.241     | 171.721        | 1014.3      | -0.3         | 239                     | 27 | 73.167     | 173.636        |             | -0.3*        |
| 209                     | 28 | 74.170     | 172.346        | 998.2       | -0.3*        | 240                     | 28 | 73.158     | 173.874        | 1011.9      | -0.1         |
| 210                     | 29 | 74.109     | 172.477        | 1004.7      | 0.0          | 241                     | 29 | 73.161     | 173.834        | 1014.0      | 0.3          |
| 211                     | 30 | 74.020     | 172.331        | 1013.2      | -0.6         | 242                     | 30 | 73.172     | 173.925        | 1016.2      | 0.2          |
| 212                     | 31 | 73.846     | 172.610        | 1013.5      | -0.7         | 243                     | 31 | 73.083     | 173.657        | 1026.3      | -1.1         |

# BUOY 26211

| BUOY(26211)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26211)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 73.050     | 173.165        | 1021.9      | -0.7         | 274                     | 1  | 72.899     | -176.818       | 1015.6      | -1.5         |
| 245                     | 2  | 73.195     | 173.168        | 1007.9      | 0.2          | 275                     | 2  | 72.736     | -177.151       | 1010.3      | -2.8         |
| 246                     | 3  | 73.150     | 173.275        |             | -0.8*        | 276                     | 3  | 72.547     | -177.430       | 1005.2      | -3.7         |
| 247                     | 4  | 73.007     | 173.443        | 1011.9      | -0.7         | 277                     | 4  | 72.196     | -176.820       | 1010.4      | -2.1         |
| 248                     | 5  | 73.130     | 174.272        | 993.6       | -1.0         | 278                     | 5  | 72.080     | -175.932       | 1014.3      | -1.8         |
| 249                     | 6  | 73.223     | 174.771        | 995.2       | -1.2         | 279                     | 6  | 72.137     | -175.612       | 1018.0      | -1.8         |
| 250                     | 7  | 73.102     | 174.831        | 996.1       | -1.7*        | 282                     | 9  | 71.108     | -176.774       |             | -2.9*        |
| 251                     | 8  | 72.926     | 176.240        | 996.9       | -2.0*        | 283                     | 10 | 70.776     | -176.687       | 1006.9      | -3.5         |
| 253                     | 10 | 72.500     | 179.730        | 995.7       | -2.1         | 284                     | 11 | 70.554     | -176.688       | 1007.4      | -2.6         |
| 254                     | 11 | 72.232     | -179.164       | 1000.3      | -2.3         | 285                     | 12 | 70.170     | -176.297       | 1012.4      | -1.8         |
| 255                     | 12 | 71.948     | -178.319       | 1016.2      | -2.3         | 286                     | 13 | 69.851     | -175.551       | 1013.1      | -1.5         |
| 256                     | 13 | 71.925     | -177.869       | 1024.7      | -1.7         | 289                     | 16 | 69.963     | -175.291       | 1020.9      | 0.2          |
| 257                     | 14 | 72.152     | -177.771       | 1017.6      | -0.1         | 290                     | 17 | 69.915     | -175.846       | 1019.3      | -1.2         |
| 258                     | 15 | 72.218     | -177.133       | 1022.8      | -0.5         | 291                     | 18 | 69.630     | -176.351       | 1016.6      | -2.8*        |
| 259                     | 16 | 72.251     | -176.981       | 1026.2      | -1.2         | 292                     | 19 | 69.433     | -176.487       | 1012.0      | -2.5         |
| 260                     | 17 | 72.439     | -177.124       | 1016.2      | -0.3         | 293                     | 20 | 69.312     | -176.017       | 1017.8      | -3.3         |
| 261                     | 18 | 72.389     | -177.231       | 1022.3      | -2.0         | 296                     | 23 | 69.547     | -176.978       | 1028.1      | -3.6         |
| 262                     | 19 | 72.336     | -176.942       | 1020.9      | -1.3         | 297                     | 24 | 69.663     | -177.395       | 1013.6      | -2.8         |
| 263                     | 20 | 72.464     | -176.876       | 1018.4      | -0.9         | 298                     | 25 | 69.524     | -176.632       | 1017.4      | -3.2         |
| 264                     | 21 | 72.721     | -177.033       | 1016.7      | 0.3          | 301                     | 28 | 69.773     | -176.605       |             | -2.1*        |
| 265                     | 22 | 73.016     | -177.440       | 1015.6      | -0.3         | 304                     | 31 | 70.454     | -177.303       | 1021.3      | -1.5         |
| 266                     | 23 | 73.136     | -177.937       | 1018.5      | -2.5         |                         |    |            |                |             |              |
| 267                     | 24 | 73.108     | -178.495       | 1018.8      | -1.5         |                         |    |            |                |             |              |
| 268                     | 25 | 73.098     | -178.785       | 1015.6      | -2.6         |                         |    |            |                |             |              |
| 269                     | 26 | 73.034     | -178.326       | 1014.2      | -1.5         |                         |    |            |                |             |              |
| 270                     | 27 | 72.927     | -177.157       | 1019.8      | -1.2         |                         |    |            |                |             |              |
| 272                     | 29 | 72.911     | -177.123       | 1008.9      | -1.3         |                         |    |            |                |             |              |
| 273                     | 30 | 72.957     | -176.806       | 1006.9      | -1.1         |                         |    |            |                |             |              |

| BUOY(26211)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 70.533     | -178.139       | 1021.0      | -1.1         |
| 306                     | 2  | 70.712     | -178.291       | 1016.9      | -1.7         |
| 308                     | 4  | 70.668     | -179.060       | 1006.0      | -1.1         |
| 309                     | 5  | 70.644     | -179.221       | 1005.5      | -1.1         |
| 310                     | 6  | 70.699     | -179.455       | 1009.5      | -2.1         |
| 311                     | 7  | 70.698     | 179.483        | 1012.2      | -2.6         |
| 312                     | 8  | 70.737     | 178.063        | 1009.6      | -6.3         |
| 313                     | 9  | 70.646     | 177.296        | 1013.2      | -10.7        |
| 314                     | 10 | 70.389     | 177.763        | 1006.4      | -11.8        |
| 315                     | 11 | 70.022     | 178.058        | 1020.4      | -15.4        |
| 316                     | 12 | 69.750     | 178.941        | 1022.2      | -14.0        |
| 317                     | 13 | 69.722     | 179.060        | 1019.5      | -11.5        |
| 318                     | 14 | 69.722     | 179.060        | 1016.4      | -11.7        |
| 319                     | 15 | 69.722     | 179.060        | 1014.1      | -12.1        |
| 320                     | 16 | 69.722     | 179.060        | 1014.3      | -11.3        |
| 321                     | 17 | 69.722     | 179.060        | 1018.3      | -11.8        |
| 322                     | 18 | 69.722     | 179.060        | 1002.5      | -9.9         |
| 323                     | 19 | 69.722     | 179.060        | 1003.2      | -6.7         |
| 324                     | 20 | 69.722     | 179.060        | 1012.1      | -8.4         |
| 325                     | 21 | 69.722     | 179.060        | 980.7       | -3.7         |

# BUOY 26694

| BUOY(26694)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26694)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 74.808     | -169.806       | 995.5       | -21.4        | 32                      | 1  | 75.626     | -172.912       | 1020.9      | -30.3        |
| 2                       | 2  | 74.748     | -170.118       | 1002.0      | -27.3        | 33                      | 2  | 75.628     | -172.871       | 1020.6      | -31.8        |
| 3                       | 3  | 74.647     | -170.298       | 1005.2      | -31.4        | 34                      | 3  | 75.608     | -172.810       | 1018.1      | -34.1        |
| 4                       | 4  | 74.616     | -170.236       | 1004.2      | -33.2        | 35                      | 4  | 75.592     | -172.580       | 1017.0      | -32.2        |
| 5                       | 5  | 74.568     | -170.241       | 996.0       | -33.0        | 36                      | 5  | 75.551     | -172.249       | 1031.2      | -32.2        |
| 6                       | 6  | 74.515     | -170.012       | 992.2       | -31.7        | 37                      | 6  | 75.559     | -172.340       | 1038.3      | -33.3        |
| 7                       | 7  | 74.554     | -169.629       | 999.6       | -29.0        | 38                      | 7  | 75.594     | -172.906       | 1032.8      | -27.8        |
| 8                       | 8  | 74.615     | -169.303       | 1019.8      | -28.7        | 39                      | 8  | 75.590     | -173.225       | 1030.2      | -28.3        |
| 9                       | 9  | 74.704     | -169.329       | 1030.1      | -26.9        | 40                      | 9  | 75.574     | -173.276       | 1033.4      | -24.8        |
| 10                      | 10 | 74.840     | -169.882       | 1018.2      | -21.9        | 41                      | 10 | 75.566     | -173.361       | 1036.6      | -28.2        |
| 11                      | 11 | 75.003     | -170.443       | 1011.2      | -19.2        | 42                      | 11 | 75.581     | -173.450       | 1036.6      | -27.3        |
| 12                      | 12 | 75.045     | -170.569       | 1015.0      | -18.4        | 43                      | 12 | 75.608     | -173.440       | 1039.9      | -27.9        |
| 13                      | 13 | 75.034     | -170.873       | 1017.3      | -19.1        | 44                      | 13 | 75.679     | -173.424       | 1035.4      | -26.5        |
| 14                      | 14 | 75.104     | -170.888       | 1025.6      | -17.4        | 45                      | 14 | 75.815     | -173.271       | 1023.4      | -20.8        |
| 15                      | 15 | 75.079     | -170.971       | 1031.7      | -21.8        | 46                      | 15 | 75.848     | -173.223       | 1023.5      | -23.1        |
| 16                      | 16 | 75.145     | -171.486       | 1022.0      | -18.8        | 47                      | 16 | 75.852     | -173.328       | 1027.9      | -24.8        |
| 17                      | 17 | 75.206     | -171.369       | 1028.4      | -22.2        | 48                      | 17 | 75.856     | -173.452       | 1027.5      | -26.0        |
| 18                      | 18 | 75.236     | -171.484       | 1028.6      | -21.6        | 49                      | 18 | 75.880     | -173.532       | 1031.9      | -25.9        |
| 19                      | 19 | 75.334     | -171.969       | 1029.4      | -15.1        | 50                      | 19 | 75.882     | -173.547       | 1032.1      | -26.6        |
| 20                      | 20 | 75.514     | -172.435       | 1025.7      | -19.5        | 51                      | 20 | 75.907     | -173.733       | 1022.8      | -25.8        |
| 21                      | 21 | 75.575     | -172.699       | 1028.4      | -25.2        | 52                      | 21 | 75.857     | -173.920       | 1011.7      | -26.1        |
| 22                      | 22 | 75.513     | -172.825       | 1046.9      | -22.1        | 53                      | 22 | 75.779     | -173.655       | 1024.8      | -27.9        |
| 23                      | 23 | 75.528     | -172.991       | 1043.1      | -23.7        | 54                      | 23 | 75.787     | -173.350       | 1026.9      | -28.4        |
| 24                      | 24 | 75.628     | -172.933       | 1030.8      | -20.9        | 55                      | 24 | 75.780     | -173.322       | 1029.2      | -30.6        |
| 25                      | 25 | 75.664     | -172.790       | 1023.9      | -20.2        | 56                      | 25 | 75.780     | -173.310       | 1028.6      | -31.9        |
| 26                      | 26 | 75.672     | -172.815       | 1019.1      | -18.9        | 57                      | 26 | 75.790     | -173.285       | 1030.2      | -31.4        |
| 27                      | 27 | 75.658     | -172.882       | 1009.7      | -18.1        | 58                      | 27 | 75.794     | -173.268       | 1028.8      | -32.6        |
| 28                      | 28 | 75.584     | -172.925       | 1021.1      | -24.0        | 59                      | 28 | 75.782     | -173.400       | 1030.0      | -30.7        |
| 29                      | 29 | 75.581     | -173.004       | 1027.5      | -25.8        |                         |    |            |                |             |              |
| 30                      | 30 | 75.630     | -173.220       | 1020.3      | -24.9        |                         |    |            |                |             |              |
| 31                      | 31 | 75.627     | -173.082       | 1021.6      | -28.1*       |                         |    |            |                |             |              |

| BUOY(26694)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26694)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 75.776     | -173.713       | 1032.2      | -27.6        | 91                      | 1  | 76.208     | -173.327       | 1020.3      | -19.6        |
| 61                      | 2  | 75.804     | -174.226       | 1026.2      | -24.6        | 92                      | 2  | 76.271     | -173.399       | 1012.1      | -19.1        |
| 62                      | 3  | 75.836     | -174.443       | 1019.1      | -21.9        | 93                      | 3  | 76.305     | -173.551       | 1008.8      | -18.4        |
| 63                      | 4  | 75.814     | -174.552       | 1020.1      | -21.4        | 94                      | 4  | 76.313     | -173.541       | 1018.3      | -20.1        |
| 64                      | 5  | 75.822     | -174.519       | 1031.4      | -22.0        | 95                      | 5  | 76.321     | -173.579       | 1021.4      | -20.6        |
| 65                      | 6  | 75.931     | -174.583       | 1018.9      | -16.4        | 96                      | 6  | 76.361     | -173.720       | 1018.9      | -18.6        |
| 66                      | 7  | 75.928     | -174.042       | 1042.9      | -19.2        | 97                      | 7  | 76.432     | -173.633       | 1007.0      | -16.2        |
| 67                      | 8  | 75.917     | -174.161       | 1044.5      | -17.6        | 98                      | 8  | 76.461     | -173.457       | 1007.0      | -16.3        |
| 68                      | 9  | 75.946     | -174.485       | 1040.5      | -18.6        | 99                      | 9  | 76.443     | -173.184       | 1010.3      | -18.8        |
| 69                      | 10 | 75.949     | -174.052       | 1032.0      | -17.1        | 100                     | 10 | 76.414     | -173.023       | 1022.2      | -20.6        |
| 70                      | 11 | 75.864     | -173.722       | 1044.9      | -22.7        | 101                     | 11 | 76.433     | -173.121       | 1027.4      | -20.5        |
| 71                      | 12 | 75.835     | -173.379       | 1033.8      | -24.8        | 102                     | 12 | 76.488     | -173.350       | 1025.9      | -18.8        |
| 72                      | 13 | 75.831     | -172.832       | 1014.7      | -22.0        | 103                     | 13 | 76.502     | -173.664       | 1014.5      | -19.1        |
| 73                      | 14 | 75.832     | -172.447       | 1010.6      | -21.5        | 104                     | 14 | 76.535     | -174.278       | 999.1       | -15.9        |
| 74                      | 15 | 75.807     | -172.464       | 1015.7      | -26.6        | 105                     | 15 | 76.534     | -174.425       | 1000.3      | -16.6        |
| 75                      | 16 | 75.808     | -172.506       | 1017.9      | -28.0        | 106                     | 16 | 76.468     | -174.294       | 1010.1      | -20.9        |
| 76                      | 17 | 75.824     | -172.600       | 1019.6      | -28.3        | 107                     | 17 | 76.481     | -174.125       | 1016.2      | -21.1        |
| 77                      | 18 | 75.868     | -172.751       | 1021.7      | -28.8        | 108                     | 18 | 76.507     | -174.077       | 1018.5      | -21.4        |
| 78                      | 19 | 75.885     | -172.849       | 1024.2      | -28.2        | 109                     | 19 | 76.501     | -174.182       | 1016.8      | -18.9        |
| 79                      | 20 | 75.891     | -172.812       | 1025.2      | -26.9        | 110                     | 20 | 76.525     | -174.337       | 1021.8      | -15.8        |
| 80                      | 21 | 75.903     | -172.796       | 1023.8      | -28.6        | 111                     | 21 | 76.547     | -174.535       | 1022.4      | -15.8        |
| 81                      | 22 | 75.931     | -172.855       | 1018.7      | -27.2        | 112                     | 22 | 76.568     | -174.720       | 1022.3      | -17.3        |
| 82                      | 23 | 75.949     | -172.985       | 1014.2      | -28.4        | 113                     | 23 | 76.595     | -174.819       | 1026.1      | -16.5        |
| 83                      | 24 | 75.963     | -173.016       | 1016.1      | -28.3        | 114                     | 24 | 76.620     | -175.016       | 1026.9      | -15.2        |
| 84                      | 25 | 75.975     | -172.942       | 1018.7      | -24.8        | 115                     | 25 | 76.644     | -175.508       | 1021.3      | -15.0        |
| 85                      | 26 | 75.994     | -172.848       | 1018.1      | -21.0        | 116                     | 26 | 76.707     | -176.036       | 1015.4      | -7.7         |
| 86                      | 27 | 76.018     | -172.806       | 1019.4      | -20.5        | 117                     | 27 | 76.795     | -176.178       | 1023.5      | -3.2         |
| 87                      | 28 | 76.053     | -172.876       | 1022.7      | -20.7        | 118                     | 28 | 76.861     | -176.324       | 1021.9      | -2.6         |
| 88                      | 29 | 76.101     | -172.976       | 1024.0      | -20.7        | 119                     | 29 | 76.890     | -176.468       | 1016.3      | -3.7         |
| 89                      | 30 | 76.135     | -173.098       | 1025.0      | -21.7        | 120                     | 30 | 76.892     | -176.430       | 1021.7      | -4.0         |
| 90                      | 31 | 76.159     | -173.205       | 1025.8      | -21.9        |                         |    |            |                |             |              |

# BUOY 26694

| BUOY(26694)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26694)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 76.964     | -176.299       | 1023.8      | -5.9         | 152                     | 1  | 77.572     | -174.914       | 1014.8      | -3.8         |
| 122                     | 2  | 77.075     | -176.304       | 1025.3      | -4.9         | 153                     | 2  | 77.593     | -175.080       | 1016.1      | -4.0         |
| 123                     | 3  | 77.177     | -176.305       | 1027.6      | -4.1         | 154                     | 3  | 77.581     | -175.202       | 1020.2      | -4.0         |
| 124                     | 4  | 77.220     | -176.277       | 1032.4      | -4.1         | 155                     | 4  | 77.593     | -175.194       | 1022.1      | -4.2         |
| 125                     | 5  | 77.214     | -176.346       | 1033.2      | -5.4         | 156                     | 5  | 77.652     | -175.366       | 1021.5      | -3.9         |
| 126                     | 6  | 77.161     | -176.634       | 1036.1      | -5.1         | 157                     | 6  | 77.721     | -175.689       | 1014.8      | -2.7         |
| 127                     | 7  | 77.128     | -176.735       | 1032.7      | -6.3         | 158                     | 7  | 77.727     | -175.877       | 1018.6      | -1.4         |
| 128                     | 8  | 77.057     | -176.828       | 1029.3      | -6.6         | 159                     | 8  | 77.741     | -176.347       | 1016.9      | -0.8         |
| 129                     | 9  | 77.005     | -176.813       | 1024.9      | -8.0         | 160                     | 9  | 77.764     | -176.777       | 1021.7      | -0.7         |
| 130                     | 10 | 76.990     | -176.748       | 1019.8      | -8.3         | 161                     | 10 | 77.826     | -177.014       | 1021.1      | -0.6         |
| 131                     | 11 | 77.005     | -176.627       | 1014.5      | -8.1         | 162                     | 11 | 77.932     | -177.057       | 1020.3      | -0.5         |
| 132                     | 12 | 77.030     | -176.192       | 1002.2      | -6.4         | 163                     | 12 | 78.036     | -176.956       | 1018.1      | -0.3         |
| 133                     | 13 | 77.054     | -175.664       | 999.1       | -4.6         | 164                     | 13 | 78.145     | -176.872       | 1012.9      | -0.2         |
| 134                     | 14 | 77.049     | -175.466       | 999.9       | -3.2         | 165                     | 14 | 78.242     | -176.913       | 1010.0      | 0.2          |
| 135                     | 15 | 77.058     | -175.103       | 1001.5      | -4.4         | 166                     | 15 | 78.310     | -177.171       | 1010.2      | 0.3          |
| 136                     | 16 | 77.110     | -174.784       | 1003.0      | -6.5         | 167                     | 16 | 78.372     | -177.613       | 1018.5      | -0.5         |
| 137                     | 17 | 77.208     | -174.518       | 1006.9      | -6.7         | 168                     | 17 | 78.395     | -178.002       | 1026.7      | 0.2          |
| 138                     | 18 | 77.302     | -174.221       | 1009.9      | -6.1         | 169                     | 18 | 78.372     | -178.111       | 1031.1      | 1.2          |
| 139                     | 19 | 77.377     | -174.050       | 1011.7      | -6.5         | 170                     | 19 | 78.350     | -177.912       | 1023.2      | 1.3          |
| 140                     | 20 | 77.422     | -174.236       | 1009.8      | -5.8         | 171                     | 20 | 78.299     | -177.668       | 1018.4      | 0.4          |
| 141                     | 21 | 77.438     | -174.412       | 1015.3      | -5.0         | 172                     | 21 | 78.241     | -177.312       | 1009.3      | 0.2          |
| 142                     | 22 | 77.436     | -174.629       | 1021.1      | -4.4         | 173                     | 22 | 78.182     | -177.020       | 1009.3      | 0.8          |
| 143                     | 23 | 77.507     | -174.673       | 1016.4      | -4.2         | 174                     | 23 | 78.190     | -176.993       | 1013.1      | 1.3          |
| 144                     | 24 | 77.628     | -174.645       | 1011.3      | -4.1         | 175                     | 24 | 78.242     | -177.190       | 1004.3      | 0.5          |
| 145                     | 25 | 77.704     | -174.605       | 1016.5      | -4.0         | 176                     | 25 | 78.311     | -177.215       | 994.9       | 0.4          |
| 146                     | 26 | 77.734     | -174.691       | 1018.6      | -4.8         | 177                     | 26 | 78.327     | -176.681       | 1003.2      | 0.7          |
| 147                     | 27 | 77.743     | -174.978       | 1013.6      | -5.3         | 178                     | 27 | 78.371     | -176.084       | 1005.0      | 0.8          |
| 148                     | 28 | 77.730     | -175.461       | 1005.5      | -5.1         | 179                     | 28 | 78.448     | -175.429       | 1012.1      | 1.5          |
| 149                     | 29 | 77.651     | -175.406       | 1007.1      | -4.4         | 180                     | 29 | 78.558     | -175.212       | 1012.2      | 0.8          |
| 150                     | 30 | 77.572     | -175.081       | 1013.0      | -4.4         | 181                     | 30 | 78.658     | -175.242       | 1007.2      | 0.6          |
| 151                     | 31 | 77.549     | -174.868       | 1013.6      | -4.1         |                         |    |            |                |             |              |

| BUOY(26694)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26694)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 78.673     | -175.285       | 1007.6      | 0.7          | 213                     | 1  | 77.588     | -172.367       | 1010.4      | -0.3         |
| 183                     | 2  | 78.705     | -175.588       | 1000.7      | 0.4          | 214                     | 2  | 77.608     | -171.829       | 1005.9      | -0.1         |
| 184                     | 3  | 78.713     | -175.993       | 992.8       | 0.6          | 215                     | 3  | 77.553     | -171.474       | 1011.0      | -0.6         |
| 185                     | 4  | 78.735     | -176.259       | 1000.1      | 1.1          | 216                     | 4  | 77.564     | -171.138       | 998.0       | 0.2          |
| 186                     | 5  | 78.746     | -176.320       | 1009.3      | 2.2          | 217                     | 5  | 77.424     | -171.160       | 1008.8      | -1.1         |
| 187                     | 6  | 78.798     | -176.323       | 1010.4      | 0.6          | 218                     | 6  | 77.390     | -170.388       | 999.6       | -0.2         |
| 188                     | 7  | 78.727     | -176.062       | 1012.4      | 1.0          | 219                     | 7  | 77.252     | -170.245       | 1019.1      | -1.8         |
| 189                     | 8  | 78.631     | -175.822       | 1012.5      | 0.5          | 220                     | 8  | 77.327     | -169.677       | 1011.6      | -0.5         |
| 190                     | 9  | 78.540     | -175.636       | 1010.7      | 0.8          | 221                     | 9  | 77.288     | -169.575       | 1016.3      | -2.1         |
| 191                     | 10 | 78.586     | -175.355       | 1002.6      | 0.5          | 222                     | 10 | 77.227     | -169.223       | 1012.0      | -2.0         |
| 192                     | 11 | 78.573     | -175.094       | 998.8       | 0.3          | 223                     | 11 | 77.076     | -169.091       | 1013.0      | -1.1         |
| 193                     | 12 | 78.623     | -174.517       | 997.4       | -0.2         | 224                     | 12 | 76.980     | -168.767       | 1000.7      | -1.3         |
| 194                     | 13 | 78.598     | -174.290       | 1000.2      | 0.2          | 225                     | 13 | 76.974     | -169.386       | 1011.4      | -2.4         |
| 195                     | 14 | 78.586     | -174.597       | 1006.6      | -0.1         | 226                     | 14 | 77.006     | -169.572       | 1013.9      | -2.8         |
| 196                     | 15 | 78.535     | -174.889       | 1017.8      | 0.8          | 227                     | 15 | 76.996     | -169.389       | 1013.5      | -3.0         |
| 197                     | 16 | 78.463     | -174.649       | 1006.6      | 0.1          | 228                     | 16 | 76.976     | -169.043       | 1007.2      | -0.1         |
| 198                     | 17 | 78.386     | -174.424       | 1005.2      | 0.0          | 229                     | 17 | 76.938     | -168.898       | 1007.7      | -0.1         |
| 199                     | 18 | 78.388     | -174.126       | 998.4       | 0.6          | 230                     | 18 | 76.956     | -168.721       | 1014.2      | 0.4          |
| 200                     | 19 | 78.370     | -173.925       | 1007.2      | -0.1         | 231                     | 19 | 77.015     | -168.647       | 1020.0      | -0.7         |
| 201                     | 20 | 78.392     | -173.367       | 997.7       | 0.2          | 232                     | 20 | 77.079     | -168.641       | 1020.2      | 0.1          |
| 202                     | 21 | 78.309     | -173.339       | 1006.4      | 0.5          | 233                     | 21 | 77.124     | -168.451       | 1015.5      | -0.9         |
| 203                     | 22 | 78.338     | -173.448       | 1000.7      | 0.2          | 234                     | 22 | 77.095     | -167.994       | 1010.4      | -1.2         |
| 204                     | 23 | 78.378     | -173.131       | 1001.4      | -0.4         | 235                     | 23 | 77.037     | -167.726       | 1003.8      | -2.1         |
| 205                     | 24 | 78.361     | -172.912       | 993.9       | 0.2          | 236                     | 24 | 76.954     | -167.788       | 1001.6      | -2.7         |
| 206                     | 25 | 78.306     | -172.735       | 991.8       | 0.1          | 237                     | 25 | 76.820     | -167.588       | 994.0       | -2.0         |
| 207                     | 26 | 78.102     | -172.507       | 991.9       | 0.0          | 238                     | 26 | 76.639     | -167.173       | 1004.8      | -2.3         |
| 208                     | 27 | 77.902     | -172.541       | 998.1       | 0.2          | 239                     | 27 | 76.720     | -166.489       | 1006.1      | -0.8         |
| 209                     | 28 | 77.736     | -172.560       | 1002.8      | -0.6         | 240                     | 28 | 76.833     | -165.804       | 1016.2      | -1.4         |
| 210                     | 29 | 77.722     | -172.975       | 989.0       | -1.3         | 241                     | 29 | 76.972     | -165.580       | 1018.2      | -0.7         |
| 211                     | 30 | 77.573     | -173.182       | 1004.1      | -0.5         | 242                     | 30 | 77.013     | -165.521       | 1017.4      | -0.6         |
| 212                     | 31 | 77.574     | -172.921       | 1009.9      | -0.7         | 243                     | 31 | 76.993     | -165.466       | 1019.9      | -2.9         |

# BUOY 26694

| BUOY(26694)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26694)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 76.965     | -164.931       | 1019.9      | -2.1         | 274                     | 1  | 76.878     | -157.646       | 1012.7      | -3.0         |
| 245                     | 2  | 76.939     | -164.393       | 1013.2      | -2.9         | 275                     | 2  | 76.854     | -157.969       | 1006.6      | -3.3         |
| 246                     | 3  | 76.888     | -163.905       | 1000.1      | -2.4         | 276                     | 3  | 76.834     | -158.328       | 998.5       | -3.3         |
| 247                     | 4  | 76.753     | -163.756       | 1004.1      | -2.9         | 277                     | 4  | 76.672     | -158.209       | 1002.4      | -8.8         |
| 248                     | 5  | 76.736     | -163.273       | 1004.1      | -2.7         | 278                     | 5  | 76.651     | -157.814       | 1013.7      | -5.2         |
| 249                     | 6  | 76.853     | -163.023       | 992.9       | -1.3         | 279                     | 6  | 76.692     | -157.354       | 1021.7      | -4.1         |
| 250                     | 7  | 76.907     | -162.600       | 986.6       | -1.7         | 280                     | 7  | 76.696     | -157.155       | 1020.0      | -5.8         |
| 251                     | 8  | 76.930     | -162.082       | 988.6       | -3.5         | 281                     | 8  | 76.720     | -157.784       | 1009.0      | -6.4         |
| 252                     | 9  | 76.998     | -161.985       | 981.6       | -3.5         | 282                     | 9  | 76.834     | -158.678       | 1004.1      | -6.7         |
| 253                     | 10 | 77.124     | -162.174       | 981.0       | -3.0         | 283                     | 10 | 76.971     | -159.236       | 1008.5      | -5.6         |
| 254                     | 11 | 77.109     | -162.724       | 993.6       | -2.5         | 284                     | 11 | 77.079     | -159.569       | 1016.0      | -7.6         |
| 255                     | 12 | 77.014     | -163.100       | 1012.6      | -4.0         | 285                     | 12 | 77.145     | -159.900       | 1018.1      | -9.5         |
| 256                     | 13 | 76.909     | -163.178       | 1024.7      | -5.5         | 286                     | 13 | 77.231     | -160.382       | 1018.7      | -11.9        |
| 257                     | 14 | 76.861     | -162.768       | 1023.3      | -5.4         | 287                     | 14 | 77.317     | -160.954       | 1021.5      | -9.5         |
| 258                     | 15 | 76.883     | -162.549       | 1017.6      | -2.4         | 288                     | 15 | 77.392     | -161.531       | 1025.4      | -9.7         |
| 259                     | 16 | 76.836     | -162.718       | 1034.4      | -3.9         | 289                     | 16 | 77.454     | -162.073       | 1033.3      | -13.7        |
| 260                     | 17 | 76.990     | -161.965       | 1020.1      | -1.5         | 290                     | 17 | 77.407     | -162.483       | 1023.4      | -13.6        |
| 261                     | 18 | 77.001     | -161.531       | 1014.4      | -1.7         | 291                     | 18 | 77.397     | -162.601       | 1016.2      | -13.5        |
| 262                     | 19 | 76.957     | -161.284       | 1016.3      | -2.0         | 292                     | 19 | 77.409     | -162.611       | 1014.1      | -12.8        |
| 263                     | 20 | 76.953     | -161.083       | 1020.2      | -2.0         | 293                     | 20 | 77.460     | -162.683       | 1015.5      | -16.1        |
| 264                     | 21 | 76.967     | -160.574       | 1024.4      | -2.6         | 294                     | 21 | 77.498     | -162.482       | 1024.5      | -16.2        |
| 265                     | 22 | 77.015     | -160.189       | 1024.4      | -2.5         | 295                     | 22 | 77.532     | -162.547       | 1026.0      | -15.1        |
| 266                     | 23 | 77.078     | -159.834       | 1021.2      | -2.2         | 296                     | 23 | 77.586     | -162.572       | 1025.1      | -15.5        |
| 267                     | 24 | 77.053     | -159.866       | 1017.0      | -3.2         | 297                     | 24 | 77.603     | -162.494       | 1027.0      | -13.3        |
| 268                     | 25 | 76.989     | -159.425       | 1006.6      | -4.8         | 298                     | 25 | 77.579     | -162.497       | 1023.9      | -11.8        |
| 269                     | 26 | 76.912     | -159.002       | 998.1       | -4.4         | 299                     | 26 | 77.619     | -162.375       | 1014.7      | -11.8        |
| 270                     | 27 | 76.824     | -158.535       | 1011.7      | -4.0         | 300                     | 27 | 77.839     | -161.836       | 988.1       | -6.7*        |
| 271                     | 28 | 76.782     | -157.855       | 1020.6      | -2.3         | 301                     | 28 | 77.501     | -160.858       | 1013.6      | -17.7        |
| 272                     | 29 | 76.809     | -157.748       | 1015.5      | -2.8         | 302                     | 29 | 77.423     | -160.381       | 1028.7      | -15.6        |
| 273                     | 30 | 76.871     | -157.788       | 1007.7      | -2.9         | 303                     | 30 | 77.606     | -160.347       | 1004.7      | -4.7         |
|                         |    |            |                |             |              | 304                     | 31 | 77.593     | -159.564       | 1011.1      | -8.6         |

| BUOY(26694)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26694)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 77.485     | -158.857       | 1031.6      | -16.4        | 335                     | 1  | 77.162     | -159.777       | 1004.5      | -30.8        |
| 306                     | 2  | 77.498     | -158.746       | 1032.0      | -13.0        | 336                     | 2  | 77.180     | -159.394       | 1001.1      | -27.1        |
| 307                     | 3  | 77.610     | -158.848       | 1024.4      | -11.9        | 337                     | 3  | 77.188     | -158.758       | 1002.5      | -24.6        |
| 308                     | 4  | 77.692     | -159.065       | 1017.4      | -10.3        | 338                     | 4  | 77.164     | -158.234       | 1015.2      | -27.4        |
| 309                     | 5  | 77.842     | -158.805       | 998.1       | -1.2         | 339                     | 5  | 77.170     | -157.894       | 1019.5      | -29.4        |
| 310                     | 6  | 77.758     | -158.165       | 1001.6      | -14.1        | 340                     | 6  | 77.199     | -157.735       | 1019.4      | -30.2        |
| 311                     | 7  | 77.561     | -158.055       | 1012.9      | -22.1        | 341                     | 7  | 77.261     | -157.730       | 1016.0      | -22.9        |
| 312                     | 8  | 77.435     | -158.057       | 1014.6      | -23.7        | 342                     | 8  | 77.376     | -157.746       | 1011.2      | -20.9        |
| 313                     | 9  | 77.395     | -157.863       | 1000.1      | -21.0        | 343                     | 9  | 77.378     | -157.573       | 1018.4      | -25.6        |
| 314                     | 10 | 77.367     | -158.185       | 1009.6      | -22.9        | 344                     | 10 | 77.361     | -157.462       | 1022.8      | -22.7        |
| 315                     | 11 | 77.289     | -158.042       | 1005.6      | -19.8        | 345                     | 11 | 77.375     | -157.584       | 1023.7      | -28.3        |
| 316                     | 12 | 77.159     | -157.998       | 1006.7      | -18.5        | 346                     | 12 | 77.435     | -157.774       | 1021.0      | -27.5        |
| 317                     | 13 | 77.066     | -158.258       | 1010.1      | -24.1        | 347                     | 13 | 77.512     | -158.089       | 1020.0      | -26.5        |
| 318                     | 14 | 76.986     | -158.669       | 1011.0      | -24.4        | 348                     | 14 | 77.581     | -158.485       | 1019.7      | -26.4        |
| 319                     | 15 | 76.987     | -158.732       | 1012.7      | -24.9        | 349                     | 15 | 77.606     | -158.742       | 1021.8      | -27.4        |
| 320                     | 16 | 76.988     | -158.753       | 1008.5      | -23.5        | 350                     | 16 | 77.590     | -159.001       | 1022.9      | -27.1        |
| 321                     | 17 | 76.943     | -159.012       | 1000.1      | -19.6        | 351                     | 17 | 77.563     | -159.207       | 1024.3      | -28.8        |
| 322                     | 18 | 77.001     | -159.180       | 1013.9      | -25.2        | 352                     | 18 | 77.564     | -159.397       | 1028.5      | -30.0        |
| 323                     | 19 | 77.047     | -159.760       | 1008.0      | -21.3        | 353                     | 19 | 77.589     | -159.675       | 1026.8      | -29.6        |
| 324                     | 20 | 77.102     | -159.848       | 1015.9      | -23.0        | 354                     | 20 | 77.626     | -160.167       | 1015.6      | -28.1        |
| 325                     | 21 | 77.141     | -159.832       | 1008.2      | -23.6        | 355                     | 21 | 77.648     | -160.637       | 1018.8      | -29.4        |
| 326                     | 22 | 77.137     | -159.995       | 994.2       | -23.3        | 356                     | 22 | 77.607     | -160.796       | 1002.2      | -28.5        |
| 327                     | 23 | 77.090     | -159.273       | 1002.8      | -26.8        | 357                     | 23 | 77.586     | -160.922       | 1005.2      | -26.2        |
| 328                     | 24 | 77.187     | -158.922       | 990.9       | -25.1        | 358                     | 24 | 77.520     | -161.159       | 1009.4      | -23.5        |
| 329                     | 25 | 77.213     | -158.976       | 996.5       | -30.5        | 359                     | 25 | 77.514     | -161.607       | 1022.3      | -28.6        |
| 330                     | 26 | 77.196     | -159.066       | 1001.7      | -32.2        | 360                     | 26 | 77.546     | -161.822       | 1032.9      | -29.0        |
| 331                     | 27 | 77.192     | -159.140       | 998.7       | -32.1        | 361                     | 27 | 77.592     | -161.929       | 1040.4      | -26.9        |
| 332                     | 28 | 77.178     | -159.369       | 987.0       | -29.6        | 362                     | 28 | 77.671     | -162.208       | 1036.7      | -25.0        |
| 333                     | 29 | 77.166     | -159.805       | 985.3       | -24.3        | 363                     | 29 | 77.796     | -162.585       | 1029.1      | -21.7        |
| 334                     | 30 | 77.185     | -159.840       | 1005.1      | -32.1        | 364                     | 30 | 77.937     | -163.395       | 1013.8      | -18.9        |
|                         |    |            |                |             |              | 365                     | 31 | 78.145     | -164.089       | 1012.5      | -17.4        |

# BUOY 26695

| BUOY(26695)<br>2003 Jan | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|------------|----------------|-------------|--------------|
| 1                       | 1          | 76.751         | -151.669    |              |
| 2                       | 2          | 76.775         | -151.737    |              |
| 3                       | 3          | 76.807         | -152.065    |              |
| 4                       | 4          | 76.831         | -152.238    |              |
| 5                       | 5          | 76.803         | -152.578    |              |
| 6                       | 6          | 76.765         | -152.117    |              |
| 7                       | 7          | 76.804         | -151.855    |              |
| 8                       | 8          | 76.811         | -151.438    |              |
| 9                       | 9          | 76.833         | -151.185    |              |

# BUOY 26697

| BUOY(26697)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26697)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 87.277     | 103.946        | 1015.0      |              | 32                      | 1  | 87.338     | 76.488         | 1008.3      |              |
| 2                       | 2  | 87.201     | 105.287        | 1019.5      |              | 33                      | 2  | 87.328     | 76.487         | 1008.0      |              |
| 3                       | 3  | 87.155     | 105.439        | 1018.0      |              | 34                      | 3  | 87.316     | 75.867         | 1012.4      |              |
| 4                       | 4  | 87.186     | 104.824        | 1015.4      |              | 35                      | 4  | 87.283     | 75.407         | 1015.1      |              |
| 5                       | 5  | 87.207     | 104.415        | 1017.2      |              | 36                      | 5  | 87.272     | 75.569         | 1020.2      |              |
| 6                       | 6  | 87.151     | 104.195        | 1003.1      |              | 38                      | 7  | 87.391     | 75.267         | 1014.5      |              |
| 7                       | 7  | 86.975     | 103.641        | 990.1       |              | 39                      | 8  | 87.465     | 74.443         | 1017.9      |              |
| 8                       | 8  | 86.921     | 102.161        | 999.1       |              | 40                      | 9  | 87.524     | 73.121         | 1016.1      |              |
| 9                       | 9  | 86.918     | 100.567        | 1007.1      |              | 41                      | 10 | 87.558     | 71.584         | 1016.0      |              |
| 10                      | 10 | 86.970     | 98.020         | 1007.9      |              | 42                      | 11 | 87.590     | 70.290         | 1025.1      |              |
| 11                      | 11 | 87.043     | 95.894         | 1008.5      |              | 43                      | 12 | 87.585     | 70.073         | 1024.7      |              |
| 12                      | 12 | 87.072     | 94.837         | 1003.6      |              | 44                      | 13 | 87.625     | 70.459         | 1012.5      |              |
| 13                      | 13 | 87.097     | 94.812         | 1010.0      |              | 45                      | 14 | 87.678     | 69.987         | 1002.3      |              |
| 14                      | 14 | 87.145     | 93.587         | 1014.5      |              | 46                      | 15 | 87.714     | 68.818         | 999.0       |              |
| 15                      | 15 | 87.139     | 92.142         | 998.9       |              | 47                      | 16 | 87.780     | 67.701         | 1005.3      |              |
| 16                      | 16 | 87.165     | 91.993         | 1013.2      |              | 48                      | 17 | 87.795     | 66.893         | 1018.5      |              |
| 17                      | 17 | 87.167     | 91.029         | 1012.5      |              | 49                      | 18 | 87.826     | 65.874         | 1021.5      |              |
| 18                      | 18 | 87.187     | 90.312         | 1019.6      |              | 50                      | 19 | 87.824     | 65.097         | 1004.6      |              |
| 19                      | 19 | 87.181     | 88.753         | 1016.1      |              | 51                      | 20 | 87.829     | 63.830         | 1014.1      |              |
| 20                      | 20 | 87.233     | 86.793         | 1012.3      |              | 52                      | 21 | 87.823     | 63.385         | 1011.2      |              |
| 21                      | 21 | 87.248     | 85.453         | 1027.6      |              | 53                      | 22 | 87.810     | 63.193         | 1010.7      |              |
| 22                      | 22 | 87.251     | 85.230         | 1027.3      |              | 54                      | 23 | 87.807     | 62.933         | 1014.2      |              |
| 23                      | 23 | 87.302     | 84.599         | 1022.3      |              | 55                      | 24 | 87.781     | 61.880         | 1012.2      |              |
| 24                      | 24 | 87.311     | 84.249         | 1016.7      |              | 56                      | 25 | 87.753     | 61.208         | 1015.5      |              |
| 25                      | 25 | 87.316     | 83.936         | 1011.9      |              | 57                      | 26 | 87.737     | 61.066         | 1014.5      |              |
| 26                      | 26 | 87.318     | 83.572         | 1009.8      |              | 58                      | 27 | 87.718     | 60.809         | 1009.4      |              |
| 27                      | 27 | 87.320     | 83.239         | 1006.0      |              | 59                      | 28 | 87.703     | 60.072         | 1011.5      |              |
| 28                      | 28 | 87.321     | 82.331         | 1007.7      |              |                         |    |            |                |             |              |
| 29                      | 29 | 87.351     | 80.428         | 1016.6      |              |                         |    |            |                |             |              |
| 30                      | 30 | 87.387     | 78.299         | 1023.6      |              |                         |    |            |                |             |              |
| 31                      | 31 | 87.365     | 76.821         | 1014.3      |              |                         |    |            |                |             |              |

| BUOY(26697)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26697)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 87.706     | 59.307         | 1020.9      |              | 91                      | 1  | 86.695     | 34.510         | 1008.3      |              |
| 61                      | 2  | 87.700     | 58.791         | 1027.2      |              | 92                      | 2  | 86.643     | 34.041         | 1003.8      |              |
| 62                      | 3  | 87.684     | 58.282         | 1029.5      |              | 93                      | 3  | 86.611     | 33.681         | 1013.2      |              |
| 63                      | 4  | 87.664     | 58.111         | 1035.5      |              | 94                      | 4  | 86.577     | 33.452         | 1021.9      |              |
| 64                      | 5  | 87.656     | 58.066         | 1039.5      |              | 95                      | 5  | 86.542     | 33.367         | 1023.5      |              |
| 65                      | 6  | 87.638     | 57.600         | 1041.2      |              | 96                      | 6  | 86.543     | 33.359         | 1019.8      |              |
| 66                      | 7  | 87.580     | 57.279         | 1032.8      |              | 97                      | 7  | 86.556     | 32.978         | 1012.9      |              |
| 67                      | 8  | 87.557     | 56.953         | 1025.4      |              | 98                      | 8  | 86.595     | 31.207         | 995.3       |              |
| 68                      | 9  | 87.605     | 55.870         | 1026.1      |              | 99                      | 9  | 86.534     | 29.286         | 1002.5      |              |
| 69                      | 10 | 87.641     | 54.552         | 1009.1      |              | 100                     | 10 | 86.489     | 29.161         | 1016.3      |              |
| 70                      | 11 | 87.659     | 51.379         | 995.7       |              | 101                     | 11 | 86.467     | 29.142         | 1027.5      |              |
| 71                      | 12 | 87.632     | 49.908         | 984.9       |              | 102                     | 12 | 86.521     | 29.908         | 1017.1      |              |
| 72                      | 13 | 87.636     | 50.134         | 987.9       |              | 103                     | 13 | 86.504     | 29.696         | 1020.3      |              |
| 73                      | 14 | 87.595     | 49.800         | 986.3       |              | 104                     | 14 | 86.511     | 28.866         | 1006.6      |              |
| 74                      | 15 | 87.496     | 48.212         | 984.9       |              | 105                     | 15 | 86.452     | 28.238         | 1007.8      |              |
| 75                      | 16 | 87.443     | 46.679         | 998.9       |              | 106                     | 16 | 86.395     | 28.275         | 1012.6      |              |
| 76                      | 17 | 87.414     | 45.601         | 1006.9      |              | 107                     | 17 | 86.352     | 28.412         | 1019.2      |              |
| 77                      | 18 | 87.386     | 44.735         | 1016.8      |              | 108                     | 18 | 86.360     | 28.407         | 1005.4      |              |
| 78                      | 19 | 87.327     | 43.461         | 1019.9      |              | 109                     | 19 | 86.317     | 27.634         | 1000.2      |              |
| 79                      | 20 | 87.299     | 43.220         | 1012.4      |              | 110                     | 20 | 86.229     | 26.876         | 1011.0      |              |
| 80                      | 21 | 87.294     | 43.037         | 1003.3      |              | 111                     | 21 | 86.190     | 26.020         | 1024.8      |              |
| 81                      | 22 | 87.278     | 42.651         | 1003.1      |              | 112                     | 22 | 86.122     | 25.345         | 1031.5      |              |
| 82                      | 23 | 87.211     | 41.663         | 1002.8      |              | 113                     | 23 | 86.061     | 25.078         | 1034.9      |              |
| 83                      | 24 | 87.131     | 40.407         | 1005.3      |              | 114                     | 24 | 86.025     | 24.973         | 1037.6      |              |
| 84                      | 25 | 87.055     | 39.895         | 1006.8      |              | 115                     | 25 | 85.984     | 24.659         | 1039.5      |              |
| 85                      | 26 | 86.987     | 39.524         | 1003.2      |              | 116                     | 26 | 85.952     | 23.959         | 1037.9      |              |
| 86                      | 27 | 86.939     | 39.023         | 1001.2      |              | 117                     | 27 | 85.936     | 23.556         | 1040.6      |              |
| 87                      | 28 | 86.892     | 38.284         | 1005.5      |              | 118                     | 28 | 85.910     | 23.425         | 1039.7      |              |
| 88                      | 29 | 86.836     | 37.440         | 1005.3      |              | 119                     | 29 | 85.861     | 23.439         | 1024.6      |              |
| 89                      | 30 | 86.756     | 36.368         | 1000.3      |              | 120                     | 30 | 85.803     | 23.121         | 1018.6      |              |
| 90                      | 31 | 86.717     | 35.443         | 997.0       |              |                         |    |            |                |             |              |

# BUOY 26697

| BUOY(26697)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26697)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 85.775     | 22.894         | 1021.7      |              | 152                     | 1  | 84.884     | 21.000         | 1017.0      |              |
| 122                     | 2  | 85.746     | 22.741         | 1025.0      |              | 153                     | 2  | 84.880     | 20.987         | 1016.8      |              |
| 123                     | 3  | 85.704     | 22.552         | 1021.2      |              | 154                     | 3  | 84.873     | 20.892         | 1020.2      |              |
| 124                     | 4  | 85.694     | 22.520         | 1023.9      |              | 155                     | 4  | 84.859     | 20.665         | 1022.4      |              |
| 125                     | 5  | 85.737     | 22.343         | 1026.7      |              | 156                     | 5  | 84.857     | 20.462         | 1021.0      |              |
| 126                     | 6  | 85.810     | 21.966         | 1020.4      |              | 157                     | 6  | 84.870     | 20.129         | 1018.7      |              |
| 127                     | 7  | 85.887     | 21.691         | 1015.1      |              | 158                     | 7  | 84.860     | 19.769         | 1019.8      |              |
| 128                     | 8  | 85.940     | 21.292         | 1015.8      |              | 159                     | 8  | 84.838     | 19.436         | 1020.1      |              |
| 129                     | 9  | 85.932     | 20.595         | 1010.9      |              | 160                     | 9  | 84.777     | 19.159         | 1011.7      |              |
| 130                     | 10 | 85.864     | 19.772         | 1006.7      |              | 161                     | 10 | 84.718     | 18.755         | 1013.2      |              |
| 131                     | 11 | 85.762     | 19.515         | 1006.3      |              | 162                     | 11 | 84.632     | 18.060         | 1013.9      |              |
| 132                     | 12 | 85.667     | 20.287         | 1011.1      |              | 163                     | 12 | 84.537     | 17.565         | 1014.0      |              |
| 133                     | 13 | 85.639     | 21.143         | 1009.5      |              | 164                     | 13 | 84.430     | 17.283         | 1014.6      |              |
| 134                     | 14 | 85.601     | 21.809         | 1008.6      |              | 165                     | 14 | 84.356     | 16.900         | 1016.8      |              |
| 135                     | 15 | 85.598     | 21.808         | 1005.4      |              | 166                     | 15 | 84.286     | 16.278         | 1016.8      |              |
| 136                     | 16 | 85.544     | 21.393         | 1012.8      |              | 167                     | 16 | 84.232     | 15.709         | 1014.7      |              |
| 137                     | 17 | 85.494     | 21.604         | 1021.8      |              | 168                     | 17 | 84.206     | 15.359         | 1007.2      |              |
| 138                     | 18 | 85.485     | 21.475         | 1020.9      |              | 169                     | 18 | 84.154     | 15.885         | 993.7       |              |
| 139                     | 19 | 85.452     | 21.733         | 1019.8      |              | 170                     | 19 | 84.163     | 17.118         | 1009.7      |              |
| 140                     | 20 | 85.415     | 21.756         | 1020.5      |              | 171                     | 20 | 84.198     | 17.256         | 1006.8      |              |
| 141                     | 21 | 85.383     | 21.635         | 1014.0      |              | 172                     | 21 | 84.222     | 17.395         | 1010.1      |              |
| 142                     | 22 | 85.334     | 21.494         | 1013.5      |              | 173                     | 22 | 84.267     | 17.486         | 1008.3      |              |
| 143                     | 23 | 85.315     | 21.687         | 1007.5      |              | 174                     | 23 | 84.304     | 18.051         | 1010.2      |              |
| 144                     | 24 | 85.269     | 21.585         | 1006.2      |              | 175                     | 24 | 84.319     | 18.244         | 1007.1      |              |
| 145                     | 25 | 85.132     | 21.563         | 1008.8      |              | 176                     | 25 | 84.271     | 18.142         | 1009.6      |              |
| 146                     | 26 | 85.022     | 21.465         | 1011.3      |              | 177                     | 26 | 84.239     | 18.483         | 1009.4      |              |
| 147                     | 27 | 84.963     | 21.289         | 1015.3      |              | 178                     | 27 | 84.186     | 18.840         | 1014.8      |              |
| 148                     | 28 | 84.899     | 20.863         | 1016.4      |              | 179                     | 28 | 84.176     | 19.828         | 1006.1      |              |
| 149                     | 29 | 84.875     | 20.669         | 1019.1      |              | 180                     | 29 | 84.132     | 19.868         | 1010.7      |              |
| 150                     | 30 | 84.871     | 20.631         | 1018.6      |              | 181                     | 30 | 84.086     | 19.878         | 1009.2      |              |
| 151                     | 31 | 84.875     | 20.724         | 1016.0      |              |                         |    |            |                |             |              |

| BUOY(26697)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26697)<br>2003 Aug |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|---|------------|----------------|-------------|--------------|
| 182                     | 1  | 84.042     | 19.636         | 1009.1      |              | 213                     | 1 | 83.180     | 22.838         | 993.8       |              |
| 183                     | 2  | 83.922     | 19.198         | 1008.5      |              | 214                     | 2 | 83.120     | 23.622         | 1003.2      |              |
| 184                     | 3  | 83.840     | 18.194         | 1020.5      |              | 215                     | 3 | 83.091     | 24.377         | 1006.2      |              |
| 185                     | 4  | 83.744     | 17.931         | 1016.8      |              |                         |   |            |                |             |              |
| 186                     | 5  | 83.645     | 17.656         | 1016.8      |              |                         |   |            |                |             |              |
| 187                     | 6  | 83.540     | 17.481         | 1016.2      |              |                         |   |            |                |             |              |
| 188                     | 7  | 83.492     | 17.422         | 1017.9      |              |                         |   |            |                |             |              |
| 189                     | 8  | 83.456     | 17.348         | 1019.5      |              |                         |   |            |                |             |              |
| 190                     | 9  | 83.435     | 17.283         | 1021.1      |              |                         |   |            |                |             |              |
| 191                     | 10 | 83.425     | 17.224         | 1022.1      |              |                         |   |            |                |             |              |
| 192                     | 11 | 83.446     | 16.813         | 1018.2      |              |                         |   |            |                |             |              |
| 193                     | 12 | 83.414     | 16.664         | 1018.6      |              |                         |   |            |                |             |              |
| 194                     | 13 | 83.384     | 16.699         | 1024.7      |              |                         |   |            |                |             |              |
| 195                     | 14 | 83.384     | 16.728         | 1018.6      |              |                         |   |            |                |             |              |
| 196                     | 15 | 83.380     | 16.603         | 1004.2      |              |                         |   |            |                |             |              |
| 197                     | 16 | 83.359     | 16.751         | 1003.2      |              |                         |   |            |                |             |              |
| 198                     | 17 | 83.307     | 17.183         | 1007.7      |              |                         |   |            |                |             |              |
| 199                     | 18 | 83.242     | 17.280         | 1014.8      |              |                         |   |            |                |             |              |
| 200                     | 19 | 83.203     | 17.280         | 1014.0      |              |                         |   |            |                |             |              |
| 201                     | 20 | 83.175     | 17.131         | 1005.6      |              |                         |   |            |                |             |              |
| 202                     | 21 | 83.138     | 17.036         | 1008.6      |              |                         |   |            |                |             |              |
| 203                     | 22 | 83.098     | 17.559         | 1005.5      |              |                         |   |            |                |             |              |
| 204                     | 23 | 83.071     | 18.335         | 1004.0      |              |                         |   |            |                |             |              |
| 205                     | 24 | 83.045     | 18.717         | 1010.7      |              |                         |   |            |                |             |              |
| 206                     | 25 | 83.044     | 18.854         | 1014.8      |              |                         |   |            |                |             |              |
| 207                     | 26 | 83.069     | 19.190         | 1015.3      |              |                         |   |            |                |             |              |
| 208                     | 27 | 83.110     | 19.948         | 1010.7      |              |                         |   |            |                |             |              |
| 209                     | 28 | 83.128     | 20.887         | 1017.2      |              |                         |   |            |                |             |              |
| 210                     | 29 | 83.144     | 21.066         | 1004.9      |              |                         |   |            |                |             |              |
| 211                     | 30 | 83.151     | 21.483         | 1000.4      |              |                         |   |            |                |             |              |
| 212                     | 31 | 83.164     | 22.237         | 998.6       |              |                         |   |            |                |             |              |



# BUOY 26699

| BUOY(26699)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26699)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 279                     | 6  | 80.349     | 144.753        |             |              | 306                     | 2  | 80.820     | 138.921        |             |              |
| 280                     | 7  | 80.343     | 144.853        | 1011.4      |              | 307                     | 3  | 80.801     | 139.029        | 1025.5      |              |
| 290                     | 17 | 80.851     | 141.404        | 1029.9      |              | 310                     | 6  | 80.836     | 138.909        | 1022.6      |              |
| 300                     | 27 | 80.826     | 139.632        | 1013.4      |              | 312                     | 8  | 80.783     | 138.911        | 1023.1      |              |
| 301                     | 28 | 80.892     | 139.395        | 1007.4      |              | 315                     | 11 | 80.678     | 139.553        | 1023.8      |              |
| 302                     | 29 | 80.920     | 139.607        | 1010.7      |              | 316                     | 12 | 80.676     | 139.818        |             |              |
|                         |    |            |                |             |              | 317                     | 13 | 80.704     | 139.925        | 1023.6      |              |
|                         |    |            |                |             |              | 318                     | 14 | 80.718     | 139.843        | 1027.7      |              |
|                         |    |            |                |             |              | 319                     | 15 | 80.738     | 139.574        | 1026.8      |              |
|                         |    |            |                |             |              | 325                     | 21 | 80.688     | 139.731        |             |              |
|                         |    |            |                |             |              | 326                     | 22 | 80.596     | 139.993        | 1016.3      |              |
|                         |    |            |                |             |              | 327                     | 23 | 80.544     | 139.913        | 1015.6      |              |

# BUOY 26999

| BUOY(26999)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26999)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 19                      | 19 | 80.763     | 78.911         | 1015.4      |              | 55                      | 24 | 80.763     | 78.898         | 1011.3      |              |
| 20                      | 20 | 80.763     | 78.902         | 1017.6      |              |                         |    |            |                |             |              |
| 22                      | 22 | 80.763     | 78.898         | 1028.0      |              |                         |    |            |                |             |              |
| 24                      | 24 | 80.762     | 78.893         | 1014.3      |              |                         |    |            |                |             |              |

| BUOY(26999)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26999)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 82                      | 23 | 80.763     | 78.890         | 978.2       |              | 96                      | 6  | 80.764     | 78.898         | 1022.5      |              |
| 83                      | 24 | 80.762     | 78.894         | 979.5       |              | 97                      | 7  | 80.763     | 78.894         | 1020.8      |              |
|                         |    |            |                |             |              | 98                      | 8  | 80.763     | 78.897         | 1014.3      |              |
|                         |    |            |                |             |              | 99                      | 9  | 80.763     | 78.897         | 980.3       |              |
|                         |    |            |                |             |              | 100                     | 10 | 80.763     | 78.899         | 1004.5      |              |
|                         |    |            |                |             |              | 101                     | 11 | 80.763     | 78.898         |             |              |

# BUOY 26999

| BUOY(26999)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26999)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 179                     | 28 | 80.764     | 78.887         | 1014.5      |              | 201                     | 20 | 80.763     | 78.892         | 1009.4      |              |
|                         |    |            |                |             |              | 202                     | 21 | 80.763     | 78.892         | 999.3       |              |

| BUOY(26999)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(26999)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 304                     | 31 | 80.763     | 78.900         | 1032.1      |              | 343                     | 9  | 80.762     | 78.898         | 987.2       |              |
|                         |    |            |                |             |              | 365                     | 31 | 80.763     | 78.898         | 1005.7      |              |

# BUOY 27035

| BUOY(27035)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27035)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 252                     | 9  | 78.956     | 128.836        | 1009.2      | -2.3         | 274                     | 1  | 79.805     | 131.950        | 1000.2      | -2.5         |
| 253                     | 10 | 78.884     | 128.543        | 1011.4      | -2.1         | 275                     | 2  | 79.870     | 131.869        | 1001.0      | -5.6         |
| 254                     | 11 | 78.871     | 128.215        | 1015.1      | -3.5         | 276                     | 3  | 79.934     | 131.763        | 1001.6      | -8.2         |
| 255                     | 12 | 78.892     | 128.024        | 1016.7      | -2.6         | 277                     | 4  | 79.892     | 131.140        | 1001.4      | -9.3         |
| 256                     | 13 | 78.921     | 128.183        | 1017.8      | -1.5         | 278                     | 5  | 79.762     | 130.593        | 1004.1      | -11.6        |
| 257                     | 14 | 79.004     | 128.446        | 1016.8      | -1.4         | 279                     | 6  | 79.619     | 130.258        | 1017.9      | -15.2        |
| 258                     | 15 | 79.129     | 128.552        | 1016.0      | -1.5         | 280                     | 7  | 79.626     | 130.635        | 1011.4      | -9.6         |
| 259                     | 16 | 79.239     | 128.226        | 1005.7      | -1.0         | 281                     | 8  | 79.661     | 131.095        | 998.0       | -2.1         |
| 260                     | 17 | 79.293     | 128.410        | 1005.0      | -0.6         | 282                     | 9  | 79.641     | 131.304        | 997.2       | -2.8         |
| 261                     | 18 | 79.366     | 129.008        | 1006.1      | -0.9         | 283                     | 10 | 79.630     | 130.885        | 1014.8      | -7.8         |
| 262                     | 19 | 79.467     | 129.643        | 1002.3      | -0.8         | 284                     | 11 | 79.549     | 130.584        | 1013.7      | -15.2        |
| 263                     | 20 | 79.429     | 129.733        | 1007.8      | -3.6         | 285                     | 12 | 79.571     | 130.129        | 1005.4      | -15.9        |
| 264                     | 21 | 79.405     | 129.090        | 1012.1      | -1.8         | 286                     | 13 | 79.593     | 129.673        | 998.4       | -8.7         |
| 265                     | 22 | 79.476     | 129.017        | 1016.0      | -1.2         | 287                     | 14 | 79.631     | 128.822        | 1013.9      | -6.0         |
| 266                     | 23 | 79.598     | 129.340        | 1011.4      | -1.0         | 288                     | 15 | 79.637     | 128.085        | 1020.9      | -8.7         |
| 267                     | 24 | 79.569     | 129.549        | 1016.3      | -5.2         | 289                     | 16 | 79.642     | 127.392        | 1023.5      | -11.3        |
| 268                     | 25 | 79.632     | 129.891        | 1008.0      | -2.8         | 290                     | 17 | 79.650     | 126.718        | 1026.0      | -12.3        |
| 269                     | 26 | 79.638     | 130.660        | 1005.0      | -0.6         | 295                     | 22 | 79.544     | 126.532        | 1015.4      | -12.9        |
| 270                     | 27 | 79.655     | 131.235        | 999.7       | -1.8         | 296                     | 23 | 79.611     | 126.618        | 1020.3      | -14.6        |
| 271                     | 28 | 79.633     | 131.636        | 1006.6      | -4.7         | 297                     | 24 | 79.647     | 126.407        | 1021.1      | -12.9        |
| 272                     | 29 | 79.548     | 131.725        | 1016.5      | -7.8         | 303                     | 30 | 79.595     | 125.523        | 1016.0      | -23.1        |
| 273                     | 30 | 79.604     | 131.947        | 1013.2      | -4.6         | 304                     | 31 | 79.501     | 125.331        | 1020.4      | -20.1        |

| BUOY(27035)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27035)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 79.438     | 125.130        | 1028.6      | -19.4        | 335                     | 1  | 79.212     | 129.074        | 1010.2      | -25.9        |
| 306                     | 2  | 79.418     | 125.136        | 1031.1      | -21.5        | 336                     | 2  | 79.232     | 130.057        | 997.6       | -21.6        |
| 307                     | 3  | 79.426     | 125.345        | 1028.3      | -23.9        | 337                     | 3  | 79.216     | 130.554        | 997.0       | -23.9        |
| 308                     | 4  | 79.453     | 125.566        | 1017.7      | -22.3        | 338                     | 4  | 79.321     | 131.141        | 984.8       | -22.4        |
| 309                     | 5  | 79.438     | 125.607        | 1013.0      | -28.6        | 339                     | 5  | 79.339     | 131.324        | 993.9       | -27.9        |
| 310                     | 6  | 79.428     | 125.503        | 1020.2      | -22.8        | 340                     | 6  | 79.445     | 131.513        | 989.3       | -17.7        |
| 311                     | 7  | 79.393     | 125.475        | 1026.5      | -16.8        | 341                     | 7  | 79.502     | 131.657        | 990.6       | -18.6        |
| 312                     | 8  | 79.359     | 125.447        | 1026.5      | -19.1        | 342                     | 8  | 79.529     | 131.767        | 1004.3      | -30.1        |
| 318                     | 14 | 79.473     | 125.977        | 1026.6      | -25.4        | 343                     | 9  | 79.605     | 131.753        | 1004.8      | -26.9        |
| 319                     | 15 | 79.503     | 125.670        | 1024.6      | -25.9        | 344                     | 10 | 79.754     | 131.694        | 997.3       | -20.7        |
| 320                     | 16 | 79.525     | 125.522        | 1017.2      | -24.6        | 345                     | 11 | 79.840     | 131.785        | 999.1       | -20.7        |
| 321                     | 17 | 79.537     | 125.516        | 1015.6      | -25.9        | 346                     | 12 | 79.916     | 131.597        | 995.9       | -21.0        |
| 322                     | 18 | 79.546     | 125.525        | 1021.0      | -28.5        | 347                     | 13 | 79.968     | 131.272        | 994.9       | -20.4        |
| 323                     | 19 | 79.541     | 125.549        | 1027.0      | -28.9        | 348                     | 14 | 80.022     | 131.028        | 1002.9      | -27.1        |
| 324                     | 20 | 79.517     | 125.654        | 1031.2      | -28.9        | 349                     | 15 | 80.097     | 130.831        | 1003.5      | -25.0        |
| 325                     | 21 | 79.450     | 125.949        | 1026.9      | -21.8        | 359                     | 25 | 80.576     | 128.462        | 1016.8      | -20.3        |
| 326                     | 22 | 79.364     | 126.351        | 1023.2      | -24.5        | 360                     | 26 | 80.608     | 128.151        | 1017.1      | -22.3*       |
| 327                     | 23 | 79.315     | 126.550        | 1021.1      | -28.2        | 361                     | 27 | 80.650     | 127.772        | 1018.8      | -26.0        |
| 328                     | 24 | 79.314     | 126.703        | 1018.7      | -29.8        |                         |    |            |                |             |              |
| 329                     | 25 | 79.317     | 126.947        | 1014.7      | -28.8        |                         |    |            |                |             |              |
| 330                     | 26 | 79.339     | 127.029        | 1018.4      | -26.9        |                         |    |            |                |             |              |
| 331                     | 27 | 79.336     | 126.970        | 1025.4      | -29.4        |                         |    |            |                |             |              |
| 332                     | 28 | 79.319     | 126.975        | 1025.5      | -30.2        |                         |    |            |                |             |              |
| 333                     | 29 | 79.300     | 127.288        | 1024.5      | -28.3        |                         |    |            |                |             |              |
| 334                     | 30 | 79.258     | 128.094        | 1019.1      | -28.6        |                         |    |            |                |             |              |

# BUOY 27036

| BUOY(27036)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27036)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 252                     | 9  | 79.077     | 135.642        | 1008.2      | -3.3         | 274                     | 1  | 80.098     | 140.241        | 1007.7      | -4.0         |
| 253                     | 10 | 79.023     | 135.374        | 1010.4      | -3.0         | 275                     | 2  | 80.202     | 140.067        | 1005.9      | -6.6         |
| 254                     | 11 | 79.026     | 135.058        | 1018.7      | -3.5         | 276                     | 3  | 80.307     | 139.839        | 1004.2      | -9.9         |
| 255                     | 12 | 79.068     | 134.972        | 1018.8      | -3.2         | 277                     | 4  | 80.302     | 139.147        | 1001.0      | -9.5         |
| 256                     | 13 | 79.110     | 135.028        | 1020.0      | -1.9         | 278                     | 5  | 80.249     | 138.644        | 1002.1      | -12.4*       |
| 257                     | 14 | 79.124     | 135.140        | 1019.7      | -2.3         | 279                     | 6  | 80.162     | 138.207        | 1016.2      | -13.4        |
| 258                     | 15 | 79.226     | 135.247        | 1019.6      | -3.7         | 280                     | 7  | 80.170     | 138.559        | 1013.8      | -11.8        |
| 259                     | 16 | 79.321     | 135.013        | 1007.5      | -1.9         | 281                     | 8  | 80.275     | 138.940        | 998.9       | -6.6         |
| 260                     | 17 | 79.359     | 135.373        | 1008.9      | -0.6         | 282                     | 9  | 80.338     | 138.969        | 999.7       | -4.0         |
| 261                     | 18 | 79.438     | 136.069        | 1010.9      | -1.4         | 283                     | 10 | 80.406     | 138.374        | 1014.3      | -11.6        |
| 262                     | 19 | 79.568     | 136.805        | 1005.3      | -1.4         | 284                     | 11 | 80.328     | 138.198        | 1012.1      | -18.5        |
| 263                     | 20 | 79.634     | 137.268        | 1007.8      | -1.6         | 285                     | 12 | 80.296     | 138.157        | 1007.3      | -13.9        |
| 264                     | 21 | 79.653     | 137.075        | 1014.6      | -1.6         | 286                     | 13 | 80.364     | 137.640        | 1006.8      | -9.3         |
| 265                     | 22 | 79.735     | 137.033        | 1019.3      | -2.1         | 287                     | 14 | 80.435     | 136.925        | 1018.1      | -8.6         |
| 266                     | 23 | 79.878     | 137.317        | 1014.4      | -1.3         | 288                     | 15 | 80.450     | 136.235        | 1023.9      | -10.4        |
| 267                     | 24 | 79.851     | 137.616        | 1015.9      | -5.9         | 289                     | 16 | 80.481     | 135.632        | 1028.0      | -11.9        |
| 268                     | 25 | 79.870     | 137.888        | 1011.0      | -4.1         | 290                     | 17 | 80.516     | 134.903        | 1029.8      | -13.3        |
| 269                     | 26 | 79.873     | 138.677        | 1006.5      | -1.4         | 291                     | 18 | 80.528     | 134.175        | 1032.2      | -16.7        |
| 270                     | 27 | 79.928     | 139.271        | 1000.0      | -2.5         | 292                     | 19 | 80.432     | 134.062        | 1018.2      | -15.3        |
| 271                     | 28 | 79.943     | 139.646        | 1006.3      | -4.8         | 293                     | 20 | 80.380     | 134.102        | 1008.2      | -19.6        |
| 272                     | 29 | 79.880     | 139.743        | 1016.2      | -8.8         | 294                     | 21 | 80.409     | 134.193        | 1008.2      | -17.0        |
| 273                     | 30 | 79.893     | 140.081        | 1018.0      | -7.0         | 295                     | 22 | 80.449     | 134.364        | 1017.1      | -14.1*       |
|                         |    |            |                |             |              | 296                     | 23 | 80.463     | 134.439        | 1022.0      | -14.0        |
|                         |    |            |                |             |              | 297                     | 24 | 80.467     | 134.227        | 1022.7      | -14.7        |
|                         |    |            |                |             |              | 298                     | 25 | 80.494     | 133.862        | 1014.1      | -14.6        |
|                         |    |            |                |             |              | 299                     | 26 | 80.447     | 133.388        | 1013.9      | -17.2        |
|                         |    |            |                |             |              | 300                     | 27 | 80.421     | 133.316        | 1015.4      | -16.1        |
|                         |    |            |                |             |              | 301                     | 28 | 80.498     | 133.061        | 1007.0      | -16.8        |
|                         |    |            |                |             |              | 302                     | 29 | 80.521     | 133.237        | 1014.3      | -22.7        |
|                         |    |            |                |             |              | 303                     | 30 | 80.461     | 133.053        | 1015.3      | -17.9        |
|                         |    |            |                |             |              | 304                     | 31 | 80.393     | 132.772        | 1021.1      | -20.0        |

| BUOY(27036)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27036)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 80.347     | 132.638        | 1030.2      | -18.6        | 335                     | 1  | 79.883     | 136.675        | 1007.5      | -23.6        |
| 306                     | 2  | 80.329     | 132.596        | 1032.6      | -22.1        | 336                     | 2  | 79.912     | 137.775        | 994.4       | -25.0        |
| 307                     | 3  | 80.327     | 132.817        | 1028.8      | -25.6        | 337                     | 3  | 79.913     | 138.392        | 996.8       | -27.4        |
| 308                     | 4  | 80.358     | 132.996        | 1018.2      | -26.6        | 338                     | 4  | 80.039     | 139.202        | 990.2       | -23.8        |
| 309                     | 5  | 80.351     | 132.937        | 1014.3      | -29.3        | 339                     | 5  | 80.121     | 139.425        | 994.3       | -27.6        |
| 310                     | 6  | 80.361     | 132.754        | 1024.2      | -22.4        | 340                     | 6  | 80.235     | 139.762        | 996.0       | -22.1        |
| 311                     | 7  | 80.333     | 132.694        | 1030.0      | -24.0        | 341                     | 7  | 80.400     | 139.991        | 989.2       | -20.7        |
| 312                     | 8  | 80.289     | 132.689        | 1025.9      | -20.8        | 342                     | 8  | 80.362     | 140.058        | 1004.6      | -33.4        |
| 313                     | 9  | 80.240     | 132.863        | 1023.3      | -16.4        | 343                     | 9  | 80.411     | 140.127        | 1009.7      | -28.3        |
| 314                     | 10 | 80.214     | 133.040        | 1026.1      | -13.0        | 344                     | 10 | 80.543     | 140.078        | 1002.6      | -20.3        |
| 315                     | 11 | 80.226     | 133.326        | 1026.6      | -19.1        | 345                     | 11 | 80.659     | 140.114        | 1003.1      | -20.5        |
| 316                     | 12 | 80.245     | 133.546        | 1023.3      | -19.2        | 346                     | 12 | 80.743     | 139.899        | 1000.2      | -21.5        |
| 317                     | 13 | 80.279     | 133.628        | 1025.4      | -26.5        | 347                     | 13 | 80.820     | 139.367        | 999.3       | -20.2        |
| 318                     | 14 | 80.298     | 133.550        | 1029.4      | -29.2        | 348                     | 14 | 80.906     | 138.866        | 1006.0      | -22.9        |
| 319                     | 15 | 80.320     | 133.248        | 1027.1      | -26.3        | 349                     | 15 | 80.977     | 138.597        | 1009.3      | -26.2        |
| 320                     | 16 | 80.348     | 133.093        | 1019.4      | -23.6        | 350                     | 16 | 81.095     | 138.463        | 1009.3      | -19.6        |
| 321                     | 17 | 80.363     | 133.084        | 1017.8      | -27.9        | 351                     | 17 | 81.243     | 138.444        | 1007.4      | -19.5        |
| 322                     | 18 | 80.373     | 133.097        | 1022.0      | -29.2        | 352                     | 18 | 81.370     | 138.420        | 1012.6      | -19.1        |
| 323                     | 19 | 80.373     | 133.105        | 1026.7      | -31.2        | 353                     | 19 | 81.444     | 138.055        | 1014.0      | -27.8        |
| 324                     | 20 | 80.348     | 133.203        | 1030.2      | -31.3        | 354                     | 20 | 81.497     | 137.366        | 1017.4      | -29.9        |
| 325                     | 21 | 80.271     | 133.471        | 1022.3      | -20.5        | 355                     | 21 | 81.515     | 136.648        | 1017.9      | -25.1        |
| 326                     | 22 | 80.176     | 133.826        | 1019.5      | -22.8        | 356                     | 22 | 81.511     | 136.000        | 1021.7      | -25.6        |
| 327                     | 23 | 80.137     | 133.818        | 1020.2      | -29.6        | 357                     | 23 | 81.484     | 135.636        | 1024.0      | -26.6        |
| 328                     | 24 | 80.124     | 133.973        | 1017.3      | -31.1        | 358                     | 24 | 81.467     | 135.282        | 1020.9      | -24.8        |
| 329                     | 25 | 80.130     | 134.233        | 1016.4      | -31.3        | 359                     | 25 | 81.506     | 134.879        | 1021.4      | -26.7        |
| 330                     | 26 | 80.159     | 134.309        | 1021.1      | -31.3        | 360                     | 26 | 81.563     | 134.376        | 1020.4      | -24.5        |
| 331                     | 27 | 80.161     | 134.225        | 1022.7      | -29.9        | 361                     | 27 | 81.615     | 133.849        | 1019.5      | -27.2        |
| 332                     | 28 | 80.143     | 134.211        | 1025.0      | -29.9        | 362                     | 28 | 81.628     | 133.491        | 1016.3      | -23.7        |
| 333                     | 29 | 80.067     | 134.709        | 1019.6      | -24.7        | 363                     | 29 | 81.671     | 132.937        | 1006.4      | -16.8        |
| 334                     | 30 | 79.965     | 135.584        | 1016.5      | -23.7        | 364                     | 30 | 81.732     | 132.538        | 1008.1      | -20.9        |
|                         |    |            |                |             |              | 365                     | 31 | 81.765     | 131.677        | 995.8       | -18.9        |

# BUOY 27037

| BUOY(27037)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27037)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 252                     | 9  | 79.374     | 142.864        | 1004.9      | -3.7         | 274                     | 1  | 79.601     | 149.592        | 1012.4      | -5.5         |
| 253                     | 10 | 79.318     | 142.774        | 1007.1      | -2.8         | 275                     | 2  | 79.725     | 149.603        | 1007.4      | -7.1         |
| 254                     | 11 | 79.299     | 142.722        | 1014.8      | -2.9         | 276                     | 3  | 79.833     | 149.558        | 1002.1      | -8.1         |
| 255                     | 12 | 79.284     | 142.547        | 1018.5      | -3.9         | 277                     | 4  | 79.881     | 149.369        | 998.4       | -10.4        |
| 256                     | 13 | 79.280     | 142.568        | 1019.7      | -2.5         | 278                     | 5  | 79.885     | 149.327        | 998.4       | -9.8         |
| 257                     | 14 | 79.259     | 142.665        | 1018.5      | -1.9         | 279                     | 6  | 79.888     | 149.323        | 1012.4      | -12.4        |
| 258                     | 15 | 79.251     | 142.535        | 1020.3      | -3.8         | 280                     | 7  | 79.887     | 149.380        | 1014.5      | -14.1        |
| 259                     | 16 | 79.306     | 142.533        | 1006.7      | -1.6         | 281                     | 8  | 80.000     | 149.749        | 1000.6      | -5.2         |
| 260                     | 17 | 79.329     | 143.060        | 1009.3      | -0.5         | 282                     | 9  | 80.155     | 149.880        | 1003.5      | -4.9         |
| 261                     | 18 | 79.332     | 143.528        | 1011.6      | -1.3         | 283                     | 10 | 80.210     | 149.518        | 1009.3      | -11.8        |
| 262                     | 19 | 79.361     | 143.977        | 1005.8      | -1.5         | 284                     | 11 | 80.178     | 149.311        | 1008.2      | -12.7        |
| 263                     | 20 | 79.413     | 144.411        | 1007.2      | -1.4         | 285                     | 12 | 80.203     | 149.144        | 1006.6      | -6.9         |
| 264                     | 21 | 79.469     | 144.557        | 1013.8      | -1.0         | 286                     | 13 | 80.294     | 148.817        | 1009.8      | -8.7         |
| 265                     | 22 | 79.504     | 144.800        | 1019.0      | -1.7         | 287                     | 14 | 80.359     | 148.314        | 1017.4      | -8.6         |
| 266                     | 23 | 79.603     | 145.349        | 1016.3      | -0.9         | 288                     | 15 | 80.403     | 147.697        | 1023.1      | -9.5         |
| 267                     | 24 | 79.626     | 146.020        | 1012.4      | -3.8         | 289                     | 16 | 80.447     | 147.189        | 1028.1      | -12.9        |
| 268                     | 25 | 79.606     | 146.110        | 1012.1      | -4.9         | 290                     | 17 | 80.508     | 146.551        | 1030.2      | -14.1        |
| 269                     | 26 | 79.558     | 147.112        | 1004.9      | -1.1         | 291                     | 18 | 80.515     | 146.089        | 1028.9      | -17.1        |
| 270                     | 27 | 79.602     | 147.956        | 998.6       | -0.9         | 292                     | 19 | 80.428     | 145.971        | 1014.4      | -15.1        |
| 271                     | 28 | 79.602     | 148.465        | 1005.4      | -4.1         | 293                     | 20 | 80.412     | 145.945        | 1007.9      | -22.1        |
| 272                     | 29 | 79.579     | 148.792        | 1011.9      | -8.8         | 294                     | 21 | 80.441     | 145.928        | 1009.6      | -19.1        |
| 273                     | 30 | 79.512     | 149.144        | 1018.1      | -9.0         | 295                     | 22 | 80.495     | 146.037        | 1015.1      | -13.7        |
|                         |    |            |                |             |              | 296                     | 23 | 80.511     | 145.942        | 1019.9      | -12.9        |
|                         |    |            |                |             |              | 297                     | 24 | 80.515     | 145.684        | 1021.2      | -15.2        |
|                         |    |            |                |             |              | 298                     | 25 | 80.542     | 145.536        | 1014.3      | -15.4        |
|                         |    |            |                |             |              | 299                     | 26 | 80.571     | 145.076        | 1011.1      | -17.3        |
|                         |    |            |                |             |              | 300                     | 27 | 80.546     | 145.032        | 1015.5      | -17.6        |
|                         |    |            |                |             |              | 301                     | 28 | 80.600     | 144.925        | 1008.1      | -14.2        |
|                         |    |            |                |             |              | 302                     | 29 | 80.639     | 145.052        | 1012.6      | -16.9        |
|                         |    |            |                |             |              | 303                     | 30 | 80.636     | 144.763        | 1012.2      | -13.8        |
|                         |    |            |                |             |              | 304                     | 31 | 80.605     | 144.581        | 1018.3      | -17.0        |

| BUOY(27037)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27037)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 80.579     | 144.479        | 1029.3      | -19.8        | 335                     | 1  | 79.491     | 147.752        | 1003.1      | -18.1        |
| 306                     | 2  | 80.566     | 144.290        | 1029.8      | -16.3        | 336                     | 2  | 79.476     | 148.990        | 998.4       | -21.5        |
| 307                     | 3  | 80.543     | 144.358        | 1027.9      | -27.8        | 337                     | 3  | 79.503     | 150.146        | 996.7       | -21.0        |
| 308                     | 4  | 80.539     | 144.413        | 1016.9      | -23.8        | 338                     | 4  | 79.597     | 151.050        | 995.3       | -22.3        |
| 309                     | 5  | 80.516     | 144.466        | 1012.8      | -26.6        | 339                     | 5  | 79.713     | 151.710        | 993.7       | -21.9        |
| 310                     | 6  | 80.502     | 144.444        | 1023.0      | -22.3        | 340                     | 6  | 79.810     | 152.079        | 1002.2      | -22.0        |
| 311                     | 7  | 80.496     | 144.388        | 1027.6      | -24.7        | 341                     | 7  | 79.934     | 152.341        | 993.9       | -21.4        |
| 312                     | 8  | 80.481     | 144.398        | 1023.0      | -18.0        | 342                     | 8  | 79.994     | 152.546        | 999.8       | -20.2        |
| 313                     | 9  | 80.430     | 144.547        | 1018.6      | -15.5        | 343                     | 9  | 80.040     | 152.674        | 1011.0      | -25.8        |
| 314                     | 10 | 80.389     | 144.717        | 1023.7      | -14.0        | 344                     | 10 | 80.129     | 152.680        | 1004.6      | -19.1        |
| 315                     | 11 | 80.364     | 144.965        | 1024.4      | -12.2        | 345                     | 11 | 80.259     | 152.677        | 1006.5      | -17.4        |
| 316                     | 12 | 80.351     | 145.216        | 1024.1      | -18.7        | 346                     | 12 | 80.361     | 152.433        | 1001.1      | -19.4        |
| 321                     | 17 | 80.414     | 145.040        | 1018.3      | -22.0        | 347                     | 13 | 80.466     | 151.909        | 1000.9      | -18.5        |
| 322                     | 18 | 80.422     | 144.978        | 1021.0      | -22.4*       | 348                     | 14 | 80.555     | 151.407        | 1006.0      | -20.2        |
| 323                     | 19 | 80.402     | 145.011        | 1024.6      | -24.4        | 349                     | 15 | 80.625     | 151.102        | 1013.8      | -22.4        |
| 326                     | 22 | 80.239     | 145.353        | 1014.7      | -23.3        | 350                     | 16 | 80.728     | 151.049        | 1015.5      | -22.8        |
| 327                     | 23 | 80.150     | 145.355        | 1014.3      | -27.4        | 351                     | 17 | 80.855     | 151.134        | 1014.4      | -23.9        |
| 332                     | 28 | 79.922     | 145.301        | 1020.9      | -28.7*       | 352                     | 18 | 80.976     | 151.241        | 1017.4      | -23.4        |
| 333                     | 29 | 79.800     | 145.834        | 1011.6      | -21.6        | 353                     | 19 | 81.053     | 150.987        | 1016.2      | -27.5        |
| 334                     | 30 | 79.641     | 146.658        | 1008.5      | -17.3        | 354                     | 20 | 81.108     | 150.392        | 1016.6      | -28.1        |
|                         |    |            |                |             |              | 355                     | 21 | 81.130     | 149.675        | 1015.5      | -23.6        |
|                         |    |            |                |             |              | 356                     | 22 | 81.124     | 149.285        | 1019.5      | -24.1        |
|                         |    |            |                |             |              | 357                     | 23 | 81.064     | 148.995        | 1018.4      | -22.8        |
|                         |    |            |                |             |              | 358                     | 24 | 81.045     | 148.653        | 1020.1      | -23.4        |
|                         |    |            |                |             |              | 359                     | 25 | 81.085     | 148.323        | 1021.8      | -26.6        |
|                         |    |            |                |             |              | 360                     | 26 | 81.145     | 147.827        | 1019.9      | -24.1        |
|                         |    |            |                |             |              | 361                     | 27 | 81.225     | 147.430        | 1022.6      | -26.7        |
|                         |    |            |                |             |              | 362                     | 28 | 81.293     | 146.901        | 1013.5      | -21.3        |
|                         |    |            |                |             |              | 363                     | 29 | 81.425     | 146.269        | 1008.2      | -15.0        |
|                         |    |            |                |             |              | 364                     | 30 | 81.505     | 145.730        | 1007.9      | -20.1        |
|                         |    |            |                |             |              | 365                     | 31 | 81.566     | 144.743        | 994.4       | -17.9        |

# BUOY 27414

| BUOY(27414)<br>2003 Jan |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27414)<br>2003 Feb |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 1                       | 1  | 72.439     | 177.662        | 1003.4      | -19.2        | 32                      | 1  | 72.773     | 175.306        | 1023.9      | -36.4        |
| 2                       | 2  | 72.363     | 177.601        | 1008.0      | -29.5        | 33                      | 2  | 72.772     | 175.301        | 1023.8      | -35.9        |
| 3                       | 3  | 72.284     | 177.520        | 1011.7      | -34.9        | 34                      | 3  | 72.772     | 175.390        | 1021.5      | -34.9        |
| 4                       | 4  | 72.277     | 177.560        | 1006.9      | -35.0        | 35                      | 4  | 72.754     | 175.614        | 1027.3      | -35.7        |
| 5                       | 5  | 72.261     | 177.555        | 1006.4      | -36.5        | 36                      | 5  | 72.753     | 175.711        | 1030.6      | -36.0        |
| 6                       | 6  | 72.261     | 177.577        | 997.9       | -33.1        | 37                      | 6  | 72.805     | 175.490        | 1030.7      | -30.4        |
| 7                       | 7  | 72.260     | 177.590        | 1003.1      | -32.6        | 38                      | 7  | 72.822     | 175.003        | 1023.3      | -22.1*       |
| 8                       | 8  | 72.260     | 177.590        | 1012.5      | -32.4        | 39                      | 8  | 72.806     | 174.944        | 1031.6      | -30.6        |
| 9                       | 9  | 72.276     | 177.535        | 1016.0      | -27.9        | 40                      | 9  | 72.794     | 174.951        | 1036.3      | -35.8        |
| 10                      | 10 | 72.280     | 177.414        | 1005.5      | -16.7        | 41                      | 10 | 72.796     | 174.826        | 1033.3      | -30.9        |
| 11                      | 11 | 72.320     | 177.388        | 1007.8      | -18.6        | 42                      | 11 | 72.825     | 174.670        | 1032.3      | -28.9        |
| 12                      | 12 | 72.309     | 177.506        | 1015.7      | -30.2        | 43                      | 12 | 72.835     | 174.649        | 1035.6      | -29.7        |
| 13                      | 13 | 72.311     | 177.308        | 1008.8      | -20.4        | 44                      | 13 | 72.949     | 174.469        | 1027.1      | -20.5        |
| 14                      | 14 | 72.336     | 177.509        | 1029.5      | -29.3        | 45                      | 14 | 73.036     | 174.380        | 1018.1      | -17.0        |
| 15                      | 15 | 72.339     | 177.420        | 1020.6      | -21.1        | 46                      | 15 | 73.036     | 174.369        | 1022.5      | -17.9        |
| 16                      | 16 | 72.398     | 177.215        | 1021.6      | -21.3        | 47                      | 16 | 73.042     | 174.283        | 1020.2      | -19.9        |
| 17                      | 17 | 72.460     | 177.177        | 1023.3      | -20.4        | 48                      | 17 | 73.054     | 174.152        | 1021.5      | -21.7        |
| 18                      | 18 | 72.517     | 177.023        | 1017.3      | -21.1        | 49                      | 18 | 73.068     | 174.030        | 1029.9      | -22.3        |
| 19                      | 19 | 72.579     | 176.674        | 1013.7      | -13.1*       | 50                      | 19 | 73.046     | 173.937        | 1029.0      | -23.0        |
| 20                      | 20 | 72.653     | 176.415        | 1018.5      | -10.8        | 51                      | 20 | 73.027     | 173.850        | 1022.5      | -22.4        |
| 21                      | 21 | 72.633     | 176.390        | 1030.6      | -20.5        | 52                      | 21 | 72.933     | 173.937        | 1026.3      | -22.6        |
| 22                      | 22 | 72.608     | 176.337        | 1043.2      | -19.5        | 53                      | 22 | 72.924     | 174.093        | 1031.6      | -23.0        |
| 23                      | 23 | 72.698     | 176.006        | 1033.4      | -18.6        | 54                      | 23 | 72.925     | 174.247        | 1033.1      | -22.9        |
| 24                      | 24 | 72.810     | 175.882        | 1026.2      | -20.2        | 55                      | 24 | 72.926     | 174.273        | 1031.0      | -23.6*       |
| 25                      | 25 | 72.857     | 175.811        | 1022.3      | -26.9        | 56                      | 25 | 72.931     | 174.192        | 1028.4      | -25.2*       |
| 26                      | 26 | 72.852     | 175.734        | 1016.0      | -29.2        | 57                      | 26 | 72.944     | 174.107        | 1028.4      | -25.6        |
| 27                      | 27 | 72.775     | 175.613        | 1013.7      | -25.8        | 58                      | 27 | 72.962     | 173.940        | 1025.0      | -25.0        |
| 28                      | 28 | 72.738     | 175.594        | 1021.2      | -28.0        | 59                      | 28 | 72.962     | 173.729        | 1024.7      | -23.6        |
| 29                      | 29 | 72.768     | 175.413        | 1018.9      | -24.6        |                         |    |            |                |             |              |
| 30                      | 30 | 72.783     | 175.250        | 1023.0      | -30.4        |                         |    |            |                |             |              |
| 31                      | 31 | 72.772     | 175.313        | 1025.7      | -36.7        |                         |    |            |                |             |              |

| BUOY(27414)<br>2003 Mar |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27414)<br>2003 Apr |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 60                      | 1  | 72.961     | 173.369        | 1020.5      | -20.8        | 91                      | 1  | 73.399     | 171.668        | 1013.9      | -16.4        |
| 61                      | 2  | 73.011     | 172.898        | 1020.1      | -18.5        | 92                      | 2  | 73.429     | 171.396        | 1010.2      | -16.2        |
| 62                      | 3  | 73.004     | 172.754        | 1018.8      | -17.9        | 93                      | 3  | 73.417     | 171.339        | 1012.9      | -14.6        |
| 63                      | 4  | 72.981     | 172.751        | 1026.2      | -18.2        | 94                      | 4  | 73.461     | 171.302        | 1011.6      | -13.9        |
| 64                      | 5  | 72.990     | 172.716        | 1020.6      | -18.9        | 95                      | 5  | 73.541     | 171.060        | 1008.8      | -13.2        |
| 65                      | 6  | 73.104     | 172.800        | 1025.5      | -12.8        | 96                      | 6  | 73.607     | 170.858        | 1007.9      | -11.0        |
| 66                      | 7  | 73.083     | 172.875        | 1040.0      | -13.8        | 97                      | 7  | 73.619     | 170.939        | 1007.1      | -10.2        |
| 67                      | 8  | 73.065     | 172.755        | 1044.3      | -12.8        | 98                      | 8  | 73.624     | 171.149        | 1012.1      | -11.5        |
| 68                      | 9  | 73.107     | 172.560        | 1032.4      | -12.6        | 99                      | 9  | 73.592     | 171.249        | 1017.2      | -13.3        |
| 69                      | 10 | 73.074     | 172.801        | 1044.9      | -13.0        | 100                     | 10 | 73.577     | 171.214        | 1020.7      | -14.6        |
| 70                      | 11 | 73.038     | 172.754        | 1048.1      | -15.8        | 101                     | 11 | 73.628     | 170.953        | 1013.9      | -14.4        |
| 71                      | 12 | 73.033     | 172.750        | 1037.5      | -17.3        | 102                     | 12 | 73.655     | 170.758        |             | -13.9*       |
| 72                      | 13 | 73.025     | 172.873        | 1024.9      | -18.8        | 103                     | 13 | 73.622     | 170.310        | 1007.3      | -13.6        |
| 73                      | 14 | 73.026     | 172.890        | 1013.0      | -19.2        | 104                     | 14 | 73.439     | 169.805        | 1000.5      | -13.0        |
| 74                      | 15 | 73.024     | 172.867        | 1013.8      | -19.4        | 105                     | 15 | 73.345     | 169.887        | 1008.6      | -13.2        |
| 75                      | 16 | 73.025     | 172.845        | 1015.1      | -19.5        | 106                     | 16 | 73.343     | 169.950        | 1015.0      | -14.5        |
| 76                      | 17 | 73.025     | 172.840        | 1015.3      | -19.4        | 107                     | 17 | 73.375     | 169.986        | 1014.5      | -15.1        |
| 77                      | 18 | 73.026     | 172.830        | 1017.7      | -20.9        | 108                     | 18 | 73.406     | 169.868        | 1014.8      | -14.9        |
| 78                      | 19 | 73.026     | 172.830        | 1022.4      | -21.0        | 109                     | 19 | 73.401     | 169.713        | 1014.5      | -14.3        |
| 79                      | 20 | 73.027     | 172.851        | 1025.7      | -20.7        | 110                     | 20 | 73.399     | 169.632        | 1015.4      | -13.6        |
| 80                      | 21 | 73.035     | 172.822        | 1019.3      | -21.8        | 111                     | 21 | 73.440     | 169.483        | 1017.1      | -13.1        |
| 81                      | 22 | 73.078     | 172.658        | 1012.3      | -21.4        | 112                     | 22 | 73.472     | 169.314        | 1018.9      | -11.6        |
| 82                      | 23 | 73.128     | 172.475        | 1009.6      | -20.5        | 113                     | 23 | 73.518     | 169.106        | 1020.1      | -11.4        |
| 83                      | 24 | 73.129     | 172.440        | 1015.1      | -19.6        | 114                     | 24 | 73.592     | 168.581        | 1018.1      | -11.2        |
| 84                      | 25 | 73.133     | 172.440        | 1018.8      | -19.6        | 115                     | 25 | 73.626     | 167.937        | 1011.9      | -11.0        |
| 85                      | 26 | 73.184     | 172.467        | 1016.5      | -17.5        | 116                     | 26 | 73.608     | 167.650        | 1006.0      | -10.1        |
| 86                      | 27 | 73.208     | 172.455        | 1015.5      | -16.8        | 117                     | 27 | 73.615     | 167.656        | 1016.7      | -7.8         |
| 87                      | 28 | 73.236     | 172.399        | 1016.5      | -15.8        | 118                     | 28 | 73.615     | 167.650        | 1011.6      | -6.3         |
| 88                      | 29 | 73.276     | 172.278        | 1020.1      | -14.9        | 119                     | 29 | 73.615     | 167.696        | 1017.9      | -5.2         |
| 89                      | 30 | 73.306     | 172.124        | 1021.8      | -14.1        | 120                     | 30 | 73.618     | 167.880        | 1020.6      | -6.6         |
| 90                      | 31 | 73.351     | 171.888        | 1019.9      | -14.8        |                         |    |            |                |             |              |

# BUOY 27414

| BUOY(27414)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27414)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 121                     | 1  | 73.722     | 167.722        | 1010.7      | -6.4         | 152                     | 1  | 74.280     | 167.424        | 1012.3      | -3.7         |
| 122                     | 2  | 73.862     | 167.424        | 1008.8      | -4.9         | 153                     | 2  | 74.304     | 167.101        | 1015.5      | -3.7         |
| 123                     | 3  | 73.996     | 167.138        | 1017.7      | -3.8         | 156                     | 5  | 74.495     | 166.162        | 1006.4      | -2.2         |
| 124                     | 4  | 74.045     | 166.837        | 1023.7      | -2.9         | 157                     | 6  | 74.544     | 165.694        | 1011.2      | -1.6         |
| 125                     | 5  | 74.082     | 166.585        | 1029.9      | -2.8         | 158                     | 7  | 74.528     | 165.650        | 1017.6      | -0.9         |
| 126                     | 6  | 74.067     | 166.476        | 1033.5      | -4.2         | 159                     | 8  | 74.520     | 165.601        | 1015.1      | -0.5         |
| 127                     | 7  | 74.045     | 166.380        | 1032.5      | -4.6         | 160                     | 9  | 74.562     | 165.187        | 1012.9      | -0.3         |
| 128                     | 8  | 74.012     | 166.341        | 1032.1      | -4.0         | 161                     | 10 | 74.601     | 164.904        | 1009.8      | -0.2         |
| 129                     | 9  | 73.987     | 166.320        | 1029.5      | -4.6         | 162                     | 11 | 74.640     | 164.681        | 1011.8      | -0.1         |
| 130                     | 10 | 73.980     | 166.331        | 1020.6      | -5.3         | 163                     | 12 | 74.606     | 164.580        | 1014.6      | -0.1         |
| 131                     | 11 | 73.981     | 166.320        | 1017.5      | -6.2         | 164                     | 13 | 74.632     | 164.677        | 1008.2      | 0.8          |
| 132                     | 12 | 73.984     | 166.436        | 1006.3      | -6.3         | 165                     | 14 | 74.625     | 164.790        | 1006.2      | 0.3          |
| 133                     | 13 | 73.950     | 166.632        | 1005.7      | -5.3         | 166                     | 15 | 74.571     | 164.941        | 1002.4      | 0.4          |
| 134                     | 14 | 73.926     | 166.881        | 1002.9      | -3.8         | 167                     | 16 | 74.565     | 165.078        | 1004.2      | 0.2          |
| 135                     | 15 | 73.848     | 167.185        | 1005.4      | -4.6         | 168                     | 17 | 74.620     | 164.692        | 1015.5      | 0.5          |
| 136                     | 16 | 73.807     | 167.654        | 1003.9      | -5.1         | 169                     | 18 | 74.714     | 164.114        | 1021.2      | 0.3          |
| 137                     | 17 | 73.805     | 168.136        | 1003.4      | -5.2         | 170                     | 19 | 74.775     | 163.877        | 1020.9      | 0.6          |
| 138                     | 18 | 73.902     | 168.328        | 1003.9      | -4.9         | 171                     | 20 | 74.780     | 163.875        | 1021.7      | 1.5          |
| 139                     | 19 | 73.987     | 168.217        | 1003.4      | -4.5         | 172                     | 21 | 74.761     | 163.849        | 1017.3      | 2.7*         |
| 140                     | 20 | 73.982     | 168.075        | 1009.1      | -3.6         | 173                     | 22 | 74.751     | 163.920        | 1009.4      | 2.9*         |
| 141                     | 21 | 73.944     | 168.096        | 1017.9      | -3.1         | 174                     | 23 | 74.777     | 163.557        | 1003.2      | 1.0          |
| 142                     | 22 | 74.030     | 168.077        | 1014.5      | -2.7         | 175                     | 24 | 74.779     | 163.061        | 996.1       | 1.3          |
| 143                     | 23 | 74.163     | 168.073        | 1009.5      | -3.0         | 176                     | 25 | 74.698     | 162.830        | 1002.8      | 0.1          |
| 144                     | 24 | 74.151     | 168.025        | 1008.0      | -3.1         | 177                     | 26 | 74.657     | 163.240        | 1002.8      | 0.3          |
| 145                     | 25 | 74.159     | 168.051        | 1012.3      | -3.4         | 178                     | 27 | 74.681     | 163.511        | 1006.6      | 0.9          |
| 146                     | 26 | 74.213     | 168.135        | 1015.0      | -2.7         | 179                     | 28 | 74.734     | 163.736        | 1005.4      | 1.8          |
| 147                     | 27 | 74.261     | 167.972        | 1011.8      | -3.0         |                         |    |            |                |             |              |
| 148                     | 28 | 74.277     | 167.751        | 1009.7      | -3.3         |                         |    |            |                |             |              |
| 149                     | 29 | 74.262     | 167.701        | 1015.6      | -3.5         |                         |    |            |                |             |              |
| 150                     | 30 | 74.260     | 167.736        | 1016.6      | -3.3         |                         |    |            |                |             |              |
| 151                     | 31 | 74.263     | 167.649        | 1013.4      | -3.4         |                         |    |            |                |             |              |

| BUOY(27414)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27414)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 74.730     | 164.011        | 1007.4      | -0.1         | 213                     | 1  | 72.594     | 172.377        | 1017.2      | 0.5          |
| 183                     | 2  | 74.669     | 163.889        | 1002.1      | 0.9          | 214                     | 2  | 72.547     | 172.486        | 1016.2      | 0.5          |
| 185                     | 4  | 74.559     | 164.210        | 1006.5      | 1.4          | 215                     | 3  | 72.492     | 172.363        | 1018.1      | 1.8          |
| 188                     | 7  | 74.524     | 164.374        | 1008.6      | 0.9          | 216                     | 4  | 72.514     | 172.306        |             | 0.6*         |
| 189                     | 8  | 74.528     | 163.946        | 1015.5      | 1.2          | 217                     | 5  | 72.357     | 172.511        | 1023.0      | -1.2         |
| 190                     | 9  | 74.620     | 163.842        | 1008.4      | 0.6          | 218                     | 6  | 72.408     | 172.742        | 1013.4      | 0.4          |
| 191                     | 10 | 74.617     | 163.865        | 1005.5      | 0.9          | 219                     | 7  | 72.369     | 172.718        | 1019.5      | 2.4          |
| 192                     | 11 | 74.553     | 164.024        | 1003.8      | 0.7          | 220                     | 8  | 72.547     | 172.675        | 1015.1      | 0.8          |
| 193                     | 12 | 74.432     | 164.800        | 1007.1      | 0.3          | 221                     | 9  | 72.593     | 172.903        | 1013.4      | 1.4*         |
| 194                     | 13 | 74.312     | 165.661        | 1004.5      | -0.1         | 222                     | 10 | 72.563     | 172.294        | 1023.7      | -1.5*        |
| 197                     | 16 | 74.001     | 167.161        | 1021.5      | 0.6          | 223                     | 11 | 72.401     | 172.081        |             | -1.0*        |
| 198                     | 17 | 73.964     | 167.613        | 1012.9      | 0.9          | 226                     | 14 | 71.937     | 172.317        | 1010.1      | -1.5         |
| 199                     | 18 | 73.995     | 168.061        | 1006.7      | 1.7          | 227                     | 15 | 71.951     | 171.813        | 1015.6      | -1.0         |
| 200                     | 19 | 74.030     | 168.179        | 999.9       | 1.4          | 228                     | 16 | 71.878     | 171.859        | 1015.9      | -0.2         |
| 201                     | 20 | 74.008     | 168.696        | 1003.9      | 1.0          | 229                     | 17 | 71.744     | 172.074        | 1012.4      | -0.1         |
| 202                     | 21 | 73.971     | 168.958        | 1008.8      | -0.1         | 230                     | 18 | 71.745     | 172.125        | 1010.7      | 0.2          |
| 203                     | 22 | 73.986     | 169.117        | 995.5       | 0.7          | 231                     | 19 | 71.858     | 171.568        | 1005.8      | -0.6         |
| 204                     | 23 | 74.011     | 169.185        | 1004.7      | 0.8          | 232                     | 20 | 72.008     | 171.440        | 1010.3      | -1.0         |
| 205                     | 24 | 73.947     | 169.660        | 1003.1      | 0.6          | 233                     | 21 | 72.039     | 171.465        | 1012.2      | 0.2          |
| 206                     | 25 | 73.775     | 169.744        | 1008.0      | -0.8         | 234                     | 22 | 72.038     | 171.524        | 1012.7      | -0.1         |
| 207                     | 26 | 73.579     | 170.189        | 1008.8      | -0.4         | 235                     | 23 | 72.031     | 171.717        | 1011.3      | -0.4         |
| 208                     | 27 | 73.306     | 170.576        | 1016.0      | -0.5         | 236                     | 24 | 71.892     | 171.800        | 1012.1      | -0.2         |
| 209                     | 28 | 73.230     | 170.633        | 995.1       | -0.2         | 237                     | 25 | 71.815     | 171.459        | 1012.6      | -0.4         |
| 210                     | 29 | 73.064     | 171.446        | 1007.7      | -0.2         | 238                     | 26 | 71.806     | 171.524        | 1014.2      | -0.2         |
| 211                     | 30 | 72.881     | 171.959        | 1014.8      | -0.6         | 239                     | 27 | 71.846     | 171.818        | 1009.5      | 0.4          |
| 212                     | 31 | 72.706     | 172.316        | 1015.1      | -0.7         | 240                     | 28 | 71.954     | 171.768        | 1011.2      | 0.6          |
|                         |    |            |                |             |              | 241                     | 29 | 72.109     | 172.055        | 1014.2      | -0.4         |
|                         |    |            |                |             |              | 242                     | 30 | 72.104     | 172.482        | 1016.4      | 0.5          |
|                         |    |            |                |             |              | 243                     | 31 | 71.833     | 172.327        | 1024.1      | 0.0          |



# BUOY 27414

| BUOY(27414)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(27414)<br>2003 Oct |   | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|---|------------|----------------|-------------|--------------|
| 244                     | 1  | 71.921     | 171.623        | 1020.3      | -0.2         | 274                     | 1 | 71.421     | 178.533        | 1017.3      | -1.3         |
| 245                     | 2  | 72.136     | 171.036        | 1006.8      | 0.3          | 275                     | 2 | 71.104     | 178.102        | 1013.6      | -2.4         |
| 246                     | 3  | 71.917     | 170.765        | 1013.8      | -0.7         | 276                     | 3 | 70.777     | 177.714        | 1009.2      | -2.6         |
| 247                     | 4  | 71.716     | 171.509        | 1014.1      | -0.1         | 277                     | 4 | 70.485     | 177.995        | 1013.4      | -1.0         |
| 248                     | 5  | 71.852     | 172.810        |             | -0.2*        | 278                     | 5 | 70.504     | 178.486        | 1015.7      | -1.3         |
| 249                     | 6  | 71.881     | 173.609        | 998.0       | 0.5          |                         |   |            |                |             |              |
| 251                     | 8  | 71.668     | 175.510        | 1000.5      | -1.2         |                         |   |            |                |             |              |
| 253                     | 10 | 71.222     | 177.659        | 998.3       | -0.8         |                         |   |            |                |             |              |
| 254                     | 11 | 71.022     | 178.360        |             | -1.6*        |                         |   |            |                |             |              |
| 255                     | 12 | 70.707     | 178.747        | 1020.1      | -1.8         |                         |   |            |                |             |              |
| 256                     | 13 | 70.687     | 178.285        | 1025.0      | -0.7         |                         |   |            |                |             |              |
| 257                     | 14 | 70.934     | 177.588        | 1021.1      | 0.4          |                         |   |            |                |             |              |
| 258                     | 15 | 71.045     | 177.659        | 1025.4      | 0.5          |                         |   |            |                |             |              |
| 259                     | 16 | 71.156     | 177.528        | 1025.2      | 1.4          |                         |   |            |                |             |              |
| 260                     | 17 | 71.425     | 177.386        | 1021.0      | 0.4          |                         |   |            |                |             |              |
| 261                     | 18 | 71.235     | 177.536        | 1026.6      | -2.4         |                         |   |            |                |             |              |
| 262                     | 19 | 71.299     | 177.200        | 1020.9      | -1.0         |                         |   |            |                |             |              |
| 263                     | 20 | 71.625     | 176.860        | 1015.9      | 0.0          |                         |   |            |                |             |              |
| 264                     | 21 | 71.765     | 176.646        | 1012.9      | 1.1          |                         |   |            |                |             |              |
| 265                     | 22 | 71.882     | 176.969        | 1013.5      | 0.1          |                         |   |            |                |             |              |
| 266                     | 23 | 71.810     | 177.379        | 1018.6      | -1.1         |                         |   |            |                |             |              |
| 267                     | 24 | 71.618     | 177.222        | 1017.7      | -1.5         |                         |   |            |                |             |              |
| 270                     | 27 | 71.355     | 177.950        | 1024.3      | 0.2          |                         |   |            |                |             |              |
| 273                     | 30 | 71.579     | 178.529        | 1012.1      | -0.3         |                         |   |            |                |             |              |

# BUOY 29892

| BUOY(29892)<br>2003 May |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(29892)<br>2003 Jun |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 129                     | 9  | 88.586     | 174.946        | 1015.7      | -12.9        | 152                     | 1  | 89.243     | 118.068        | 1013.7      | -5.0         |
| 130                     | 10 | 88.616     | 175.997        | 1010.6      | -12.5        | 153                     | 2  | 89.253     | 117.750        | 1016.1      | -5.2         |
| 131                     | 11 | 88.700     | 176.250        | 998.8       | -12.7        | 154                     | 3  | 89.277     | 116.671        | 1019.7      | -5.3         |
| 132                     | 12 | 88.809     | 169.930        | 988.6       | -11.3        | 155                     | 4  | 89.304     | 115.193        | 1022.4      | -5.1         |
| 133                     | 13 | 88.750     | 161.750        | 990.1       | -10.7        | 156                     | 5  | 89.330     | 114.428        | 1024.6      | -5.2         |
| 134                     | 14 | 88.700     | 158.047        | 997.4       | -8.8         | 157                     | 6  | 89.368     | 114.195        | 1022.2      | -6.4         |
| 135                     | 15 | 88.698     | 156.467        | 1003.8      | -8.8         | 158                     | 7  | 89.383     | 113.284        | 1021.6      | -4.4         |
| 136                     | 16 | 88.723     | 155.129        | 1007.1      | -8.8         | 159                     | 8  | 89.398     | 112.863        | 1023.0      | -2.6         |
| 137                     | 17 | 88.755     | 152.177        | 1014.2      | -11.3        | 160                     | 9  | 89.460     | 111.991        | 1015.8      | -3.9         |
| 138                     | 18 | 88.785     | 151.436        | 1016.5      | -10.4        | 161                     | 10 | 89.541     | 109.350        | 1017.4      | -2.3         |
| 139                     | 19 | 88.811     | 149.795        | 1015.7      | -10.0        | 162                     | 11 | 89.601     | 100.544        | 1019.6      | -3.0         |
| 140                     | 20 | 88.806     | 145.639        | 1011.4      | -8.7         | 163                     | 12 | 89.579     | 82.406         | 1012.0      | -0.7         |
| 141                     | 21 | 88.843     | 144.451        | 1013.9      | -9.0         | 164                     | 13 | 89.552     | 70.281         | 1014.5      | 0.3          |
| 142                     | 22 | 88.894     | 144.421        | 1013.2      | -9.3         | 165                     | 14 | 89.506     | 62.482         | 1019.1      | 0.6          |
| 143                     | 23 | 88.951     | 143.127        | 1004.0      | -8.5         | 166                     | 15 | 89.475     | 57.042         | 1021.3      | -0.9         |
| 144                     | 24 | 89.050     | 139.460        | 1002.3      | -4.4         | 167                     | 16 | 89.475     | 52.921         | 1020.6      | -1.3         |
| 145                     | 25 | 89.174     | 133.242        | 1004.5      | -5.8         | 168                     | 17 | 89.510     | 48.297         | 1013.5      | 0.0          |
| 146                     | 26 | 89.240     | 127.204        | 1007.7      | -3.8         | 169                     | 18 | 89.578     | 36.084         | 997.8       | 0.4          |
| 147                     | 27 | 89.274     | 123.252        | 1014.0      | -0.6         | 170                     | 19 | 89.639     | 36.750         | 999.7       | -0.1         |
| 148                     | 28 | 89.298     | 120.408        | 1018.3      | -0.3         | 171                     | 20 | 89.684     | 46.079         | 1007.4      | 0.1          |
| 149                     | 29 | 89.284     | 117.658        | 1018.5      | -5.1         | 172                     | 21 | 89.658     | 45.384         | 1008.2      | 0.5          |
| 150                     | 30 | 89.258     | 116.921        | 1016.5      | -4.5         | 173                     | 22 | 89.667     | 56.393         | 1011.2      | -0.4         |
| 151                     | 31 | 89.245     | 116.919        | 1012.8      | -4.7         | 174                     | 23 | 89.685     | 58.181         | 1008.0      | 0.4          |
|                         |    |            |                |             |              | 175                     | 24 | 89.670     | 61.104         | 1007.4      | -0.8         |
|                         |    |            |                |             |              | 176                     | 25 | 89.685     | 58.699         | 1005.2      | -0.2         |
|                         |    |            |                |             |              | 177                     | 26 | 89.664     | 51.063         | 1003.9      | 0.2          |
|                         |    |            |                |             |              | 178                     | 27 | 89.590     | 47.733         | 1004.0      | 0.2          |
|                         |    |            |                |             |              | 179                     | 28 | 89.495     | 44.270         | 1002.6      | -0.4         |
|                         |    |            |                |             |              | 180                     | 29 | 89.433     | 40.307         | 1007.1      | 0.0          |
|                         |    |            |                |             |              | 181                     | 30 | 89.343     | 35.346         | 1010.1      | 0.3          |

| BUOY(29892)<br>2003 Jul |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(29892)<br>2003 Aug |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 182                     | 1  | 89.244     | 31.942         | 1005.2      | 0.5          | 213                     | 1  | 88.079     | 36.728         | 988.2       | -0.3         |
| 183                     | 2  | 89.147     | 24.603         | 1018.3      | 0.4          | 214                     | 2  | 88.056     | 37.077         | 989.2       | -0.2         |
| 184                     | 3  | 89.055     | 24.924         | 1016.6      | 0.3          | 215                     | 3  | 88.034     | 38.236         | 990.1       | 0.0          |
| 185                     | 4  | 88.931     | 24.643         | 1015.7      | 1.5          | 216                     | 4  | 87.938     | 39.526         | 995.0       | -0.4         |
| 186                     | 5  | 88.819     | 24.200         | 1012.1      | 1.8          | 217                     | 5  | 87.825     | 40.226         | 1004.5      | -1.3         |
| 187                     | 6  | 88.716     | 23.128         | 1013.4      | 0.4          | 218                     | 6  | 87.764     | 42.152         | 999.7       | -1.0         |
| 188                     | 7  | 88.667     | 22.792         | 1016.5      | 0.0          | 219                     | 7  | 87.658     | 41.812         | 1010.4      | -1.6         |
| 189                     | 8  | 88.633     | 22.964         | 1017.2      | 0.9          | 220                     | 8  | 87.687     | 42.493         | 1005.3      | 0.1          |
| 190                     | 9  | 88.601     | 23.024         | 1019.6      | 1.1          | 221                     | 9  | 87.651     | 45.331         | 1015.9      | -0.1         |
| 191                     | 10 | 88.561     | 24.642         | 1018.1      | 1.2          | 222                     | 10 | 87.682     | 47.863         | 1018.1      | 0.5          |
| 192                     | 11 | 88.523     | 26.364         | 1017.5      | 0.6          | 223                     | 11 | 87.778     | 50.650         | 1009.4      | 0.7          |
| 193                     | 12 | 88.470     | 28.046         | 1013.9      | 0.3          | 224                     | 12 | 87.787     | 52.869         | 1013.8      | 0.5          |
| 194                     | 13 | 88.426     | 28.846         | 1020.1      | 0.6          | 225                     | 13 | 87.819     | 55.145         | 1011.0      | 0.4          |
| 195                     | 14 | 88.427     | 29.404         | 1018.8      | 0.9          | 226                     | 14 | 87.867     | 58.698         | 1009.0      | 0.8          |
| 196                     | 15 | 88.431     | 28.355         | 1002.7      | 0.3          | 227                     | 15 | 87.902     | 61.505         | 1008.8      | 0.2          |
| 197                     | 16 | 88.415     | 28.500         | 996.7       | 0.6          | 228                     | 16 | 87.914     | 64.363         | 1003.1      | -0.2         |
| 198                     | 17 | 88.377     | 28.655         | 1003.7      | 0.0          | 229                     | 17 | 87.879     | 66.515         | 1002.8      | -0.5         |
| 199                     | 18 | 88.287     | 27.992         | 1010.0      | 0.2          | 230                     | 18 | 87.817     | 69.039         | 1011.1      | 0.3          |
| 200                     | 19 | 88.231     | 28.231         | 1009.4      | 0.5          | 231                     | 19 | 87.804     | 71.182         | 1012.8      | 0.2          |
| 201                     | 20 | 88.207     | 27.849         | 1007.8      | 0.6          | 232                     | 20 | 87.824     | 73.050         | 1009.7      | 0.1          |
| 202                     | 21 | 88.216     | 27.421         | 1005.3      | 1.0          | 233                     | 21 | 87.845     | 74.862         | 1005.9      | -0.4         |
| 203                     | 22 | 88.184     | 26.625         | 1000.4      | 0.1          | 234                     | 22 | 87.832     | 76.918         | 1010.8      | -1.8         |
| 204                     | 23 | 88.085     | 27.161         | 998.5       | -0.3         | 235                     | 23 | 87.844     | 77.901         | 1011.6      | -1.2         |
| 205                     | 24 | 88.021     | 27.112         | 1006.7      | -0.4         | 236                     | 24 | 87.842     | 76.342         | 1018.1      | -2.3         |
| 206                     | 25 | 88.012     | 27.845         | 1010.1      | -0.4         | 237                     | 25 | 87.793     | 75.264         | 1019.0      | -1.4         |
| 207                     | 26 | 88.026     | 29.044         | 1009.2      | -0.7         | 238                     | 26 | 87.686     | 75.572         | 1015.9      | 0.3          |
| 208                     | 27 | 88.063     | 31.436         | 1004.7      | 0.2          | 239                     | 27 | 87.557     | 75.876         | 1014.8      | -1.7         |
| 209                     | 28 | 88.036     | 33.198         | 1009.7      | -0.4         | 240                     | 28 | 87.508     | 75.125         | 1008.9      | -3.4         |
| 210                     | 29 | 88.067     | 34.272         | 1000.9      | -0.5         | 241                     | 29 | 87.449     | 72.969         | 1009.3      | -3.1         |
| 211                     | 30 | 88.057     | 34.677         | 995.6       | -1.8         | 242                     | 30 | 87.379     | 71.123         | 1004.3      | -3.7         |
| 212                     | 31 | 88.059     | 35.586         | 994.9       | -1.0         | 243                     | 31 | 87.350     | 69.859         | 1000.5      | -6.3         |

# BUOY 29892

| BUOY(29892)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(29892)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 244                     | 1  | 87.311     | 69.604         | 996.5       | -6.6         | 274                     | 1  | 86.959     | 54.464         | 1015.8      | -14.0        |
| 245                     | 2  | 87.347     | 71.172         | 990.8       | -4.2         | 275                     | 2  | 86.907     | 52.724         | 1021.3      | -13.8        |
| 246                     | 3  | 87.270     | 71.892         | 1001.6      | -6.4         | 276                     | 3  | 86.878     | 51.819         | 1021.7      | -12.3        |
| 247                     | 4  | 87.179     | 73.446         | 997.0       | -4.4         | 277                     | 4  | 86.839     | 50.897         | 1031.4      | -21.6        |
| 248                     | 5  | 87.122     | 73.021         | 1001.0      | -5.2         | 278                     | 5  | 86.868     | 50.547         | 1032.4      | -17.3        |
| 249                     | 6  | 87.038     | 72.886         | 1006.4      | -3.1         | 279                     | 6  | 86.947     | 49.085         | 1004.2      | -10.1        |
| 250                     | 7  | 86.998     | 73.483         | 1010.5      | -5.4         | 280                     | 7  | 86.909     | 45.938         | 1003.1      | -14.2        |
| 251                     | 8  | 86.962     | 74.089         | 1014.1      | -4.1         | 281                     | 8  | 86.840     | 44.520         | 1026.9      | -18.7        |
| 252                     | 9  | 86.950     | 74.844         | 1015.8      | -2.4         | 282                     | 9  | 86.819     | 44.583         | 1032.0      | -21.4        |
| 253                     | 10 | 86.933     | 74.868         | 1019.6      | -3.2         | 283                     | 10 | 86.818     | 44.230         | 1052.3      | -21.7        |
| 254                     | 11 | 86.943     | 75.031         | 1017.5      | -3.5         | 284                     | 11 | 86.786     | 43.250         | 1033.3      | -19.9        |
| 255                     | 12 | 87.013     | 75.559         | 1015.5      | -3.3         | 285                     | 12 | 86.723     | 42.616         | 1035.3      | -19.4        |
| 256                     | 13 | 87.068     | 75.817         | 1015.4      | -4.1         | 286                     | 13 | 86.667     | 42.369         |             | -19.7        |
| 257                     | 14 | 87.108     | 75.658         | 1010.5      | -6.0         | 287                     | 14 | 86.649     | 42.526         | 1046.2      | -19.8        |
| 258                     | 15 | 87.135     | 75.364         | 1011.6      | -6.7         | 288                     | 15 | 86.759     | 42.004         | 1022.7      | -16.0        |
| 259                     | 16 | 87.132     | 74.447         | 1012.1      | -6.4         | 289                     | 16 | 86.830     | 40.471         | 1052.5      | -19.3        |
| 260                     | 17 | 87.122     | 72.607         | 1006.3      | -6.4         | 290                     | 17 | 86.816     | 39.491         | 1041.4      | -22.8        |
| 261                     | 18 | 87.058     | 71.287         | 998.0       | -8.0         | 291                     | 18 | 86.806     | 39.434         | 1053.9      | -20.7        |
| 262                     | 19 | 87.018     | 70.104         | 993.3       | -6.0         | 292                     | 19 | 86.831     | 41.045         | 1026.9      | -12.3        |
| 263                     | 20 | 87.016     | 69.452         | 1000.7      | -12.5        | 293                     | 20 | 86.759     | 41.720         | 1018.5      | -12.1        |
| 264                     | 21 | 87.031     | 69.093         | 1009.2      | -13.2        | 294                     | 21 | 86.702     | 40.745         | 1021.8      | -24.0        |
| 265                     | 22 | 87.132     | 66.771         | 1000.4      | -3.3         | 295                     | 22 | 86.644     | 40.192         | 1014.5      | -16.6        |
| 266                     | 23 | 87.286     | 62.876         | 993.4       | -3.6         | 296                     | 23 | 86.596     | 38.827         | 1039.2      | -19.3        |
| 267                     | 24 | 87.341     | 62.992         | 1005.1      | -9.1         | 297                     | 24 | 86.579     | 37.387         | 1028.9      | -14.4        |
| 268                     | 25 | 87.354     | 60.023         | 978.6       | -6.0         | 298                     | 25 | 86.576     | 37.000         | 1021.3      | -16.4        |
| 269                     | 26 | 87.252     | 57.171         | 978.9       | -7.7         | 299                     | 26 | 86.621     | 37.365         | 1021.3      | -18.1        |
| 270                     | 27 | 87.074     | 56.613         | 992.0       | -8.1         | 300                     | 27 | 86.716     | 37.450         | 1038.9      | -17.0        |
| 271                     | 28 | 87.011     | 57.327         | 1004.9      | -9.4         | 301                     | 28 | 86.786     | 37.132         | 1006.6      | -15.9        |
| 272                     | 29 | 87.010     | 56.627         | 1006.4      | -10.0        | 302                     | 29 | 86.783     | 36.501         | 1019.7      | -18.0        |
| 273                     | 30 | 87.009     | 55.882         | 1013.2      | -17.2        | 303                     | 30 | 86.739     | 36.137         | 1014.5      | -28.1        |
|                         |    |            |                |             |              | 304                     | 31 | 86.697     | 35.765         | 1021.5      | -32.4        |

| BUOY(29892)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(29892)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 86.666     | 35.371         | 1023.1      | -32.2        | 335                     | 1  | 86.727     | 28.073         | 1001.5      | -30.7        |
| 306                     | 2  | 86.644     | 34.846         | 1019.7      | -30.7        | 336                     | 2  | 86.690     | 29.209         | 989.0       | -25.6        |
| 307                     | 3  | 86.519     | 35.055         | 1021.6      | -27.1        | 337                     | 3  | 86.590     | 28.858         | 993.4       | -31.9        |
| 308                     | 4  | 86.502     | 34.936         | 1026.8      | -28.2        | 338                     | 4  | 86.520     | 29.009         | 993.9       | -34.9        |
| 309                     | 5  | 86.517     | 34.939         | 1027.4      | -26.0        | 339                     | 5  | 86.451     | 29.003         | 995.8       | -34.9        |
| 310                     | 6  | 86.558     | 35.142         | 1022.5      | -21.4        | 340                     | 6  | 86.397     | 29.033         | 995.5       | -36.9        |
| 311                     | 7  | 86.623     | 35.433         | 1018.8      | -14.5        | 341                     | 7  | 86.317     | 29.065         | 990.8       | -35.2        |
| 312                     | 8  | 86.639     | 36.055         | 1022.7      | -19.5        | 342                     | 8  | 86.210     | 28.859         | 993.9       | -34.2        |
| 313                     | 9  | 86.754     | 35.451         | 994.9       | -7.0         | 343                     | 9  | 86.156     | 28.238         | 1004.5      | -41.2        |
| 314                     | 10 | 86.847     | 35.357         | 1007.2      | -13.1        | 344                     | 10 | 86.082     | 27.693         | 1000.7      | -33.1        |
| 315                     | 11 | 86.879     | 35.386         | 1039.9      | -18.1        | 345                     | 11 | 85.973     | 26.913         | 991.1       | -26.4        |
| 316                     | 12 | 86.905     | 32.904         | 1037.5      | -18.1        | 346                     | 12 | 85.928     | 26.150         | 1001.1      | -31.0        |
| 317                     | 13 | 86.899     | 32.177         | 1042.3      | -20.3        | 347                     | 13 | 85.864     | 25.553         | 1008.5      | -30.2        |
| 318                     | 14 | 86.922     | 31.911         | 1027.2      | -25.5        | 348                     | 14 | 85.772     | 24.856         | 1008.7      | -27.3        |
| 319                     | 15 | 86.949     | 31.831         | 1028.9      | -27.7        | 349                     | 15 | 85.701     | 24.380         | 1009.7      | -31.3        |
| 320                     | 16 | 86.972     | 32.251         | 1017.8      | -24.1        | 350                     | 16 | 85.630     | 24.000         | 1006.8      | -32.9        |
| 321                     | 17 | 86.960     | 32.567         | 1013.4      | -25.2        | 351                     | 17 | 85.550     | 23.660         | 1001.3      | -31.3        |
| 322                     | 18 | 86.945     | 32.081         | 1016.5      | -29.9        | 352                     | 18 | 85.451     | 23.035         | 998.2       | -30.9        |
| 323                     | 19 | 86.931     | 31.593         | 1020.4      | -27.5        | 353                     | 19 | 85.394     | 22.091         | 1016.7      | -34.9        |
| 324                     | 20 | 86.910     | 30.557         | 1017.5      | -26.6        | 354                     | 20 | 85.301     | 21.233         | 1023.1      | -31.1        |
| 325                     | 21 | 86.887     | 29.921         | 1017.3      | -30.0        | 355                     | 21 | 85.233     | 20.507         | 1025.8      | -31.2        |
| 326                     | 22 | 86.922     | 28.699         | 1032.8      | -18.7        | 356                     | 22 | 85.209     | 20.150         | 1022.3      | -31.5        |
| 327                     | 23 | 86.984     | 28.184         | 1036.0      | -20.9        | 357                     | 23 | 85.198     | 19.959         | 1016.4      | -32.6        |
| 328                     | 24 | 86.985     | 27.692         | 1003.9      | -31.6        | 358                     | 24 | 85.216     | 19.654         | 1014.5      | -34.6        |
| 329                     | 25 | 86.958     | 27.435         | 1014.0      | -29.6        | 359                     | 25 | 85.222     | 19.299         | 1016.8      | -35.1        |
| 330                     | 26 | 86.922     | 27.401         | 1023.8      | -31.9        | 360                     | 26 | 85.191     | 18.821         | 1018.6      | -29.9        |
| 331                     | 27 | 86.947     | 27.373         | 1012.7      | -23.7        | 361                     | 27 | 85.152     | 18.086         | 1026.4      | -29.6        |
| 332                     | 28 | 87.034     | 27.777         | 998.7       | -11.8        | 362                     | 28 | 85.104     | 17.661         | 1019.9      | -33.6        |
| 333                     | 29 | 87.057     | 27.957         | 992.7       | -14.7        | 363                     | 29 | 85.080     | 17.464         | 1024.2      | -39.8        |
| 334                     | 30 | 86.893     | 26.944         | 994.5       | -26.1        | 364                     | 30 | 85.039     | 17.563         | 1026.1      | -38.1        |

# BUOY 40297

| BUOY(40297)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40297)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 254                     | 11 | 77.862     | -140.793       |             |              | 274                     | 1  | 77.307     | -135.967       |             |              |
| 255                     | 12 | 77.904     | -141.034       |             |              | 275                     | 2  | 77.351     | -136.323       |             |              |
| 256                     | 13 | 77.806     | -141.335       |             |              | 276                     | 3  | 77.395     | -136.681       |             |              |
| 257                     | 14 | 77.628     | -141.171       |             |              | 277                     | 4  | 77.595     | -137.314       |             |              |
| 258                     | 15 | 77.490     | -140.950       |             |              | 278                     | 5  | 77.397     | -137.002       |             |              |
| 259                     | 16 | 77.450     | -141.157       |             |              | 279                     | 6  | 77.313     | -136.821       |             |              |
| 260                     | 17 | 77.406     | -140.883       |             |              | 280                     | 7  | 77.318     | -136.383       |             |              |
| 261                     | 18 | 77.486     | -139.895       |             |              | 281                     | 8  | 77.344     | -136.754       |             |              |
| 262                     | 19 | 77.532     | -139.330       |             |              | 282                     | 9  | 77.441     | -137.717       |             |              |
| 263                     | 20 | 77.554     | -139.178       |             |              | 283                     | 10 | 77.540     | -138.649       |             |              |
| 264                     | 21 | 77.600     | -139.123       |             |              | 284                     | 11 | 77.555     | -139.159       |             |              |
| 265                     | 22 | 77.571     | -139.044       |             |              | 285                     | 12 | 77.532     | -139.404       |             |              |
| 266                     | 23 | 77.526     | -138.945       |             |              | 286                     | 13 | 77.537     | -139.682       |             |              |
| 267                     | 24 | 77.565     | -138.598       |             |              | 287                     | 14 | 77.539     | -139.965       |             |              |
| 268                     | 25 | 77.566     | -138.190       |             |              | 288                     | 15 | 77.582     | -140.332       |             |              |
| 269                     | 26 | 77.505     | -137.625       |             |              | 289                     | 16 | 77.551     | -140.700       |             |              |
| 270                     | 27 | 77.431     | -136.948       |             |              | 290                     | 17 | 77.527     | -141.050       |             |              |
| 271                     | 28 | 77.315     | -136.049       |             |              | 291                     | 18 | 77.485     | -141.277       |             |              |
| 272                     | 29 | 77.258     | -135.579       |             |              | 292                     | 19 | 77.439     | -141.148       |             |              |
| 273                     | 30 | 77.292     | -135.619       |             |              | 293                     | 20 | 77.539     | -141.482       |             |              |
|                         |    |            |                |             |              | 294                     | 21 | 77.621     | -141.587       |             |              |
|                         |    |            |                |             |              | 295                     | 22 | 77.614     | -141.695       |             |              |
|                         |    |            |                |             |              | 296                     | 23 | 77.633     | -141.881       |             |              |
|                         |    |            |                |             |              | 297                     | 24 | 77.653     | -141.996       |             |              |
|                         |    |            |                |             |              | 298                     | 25 | 77.673     | -142.273       |             |              |
|                         |    |            |                |             |              | 299                     | 26 | 77.650     | -142.461       |             |              |
|                         |    |            |                |             |              | 300                     | 27 | 77.761     | -142.155       |             |              |
|                         |    |            |                |             |              | 301                     | 28 | 77.811     | -141.395       |             |              |
|                         |    |            |                |             |              | 302                     | 29 | 77.614     | -141.230       |             |              |
|                         |    |            |                |             |              | 303                     | 30 | 77.721     | -141.120       |             |              |
|                         |    |            |                |             |              | 304                     | 31 | 77.758     | -140.654       |             |              |

| BUOY(40297)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40297)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 77.651     | -140.302       |             |              | 335                     | 1  | 78.081     | -140.102       |             |              |
| 306                     | 2  | 77.531     | -140.036       |             |              | 336                     | 2  | 78.054     | -139.841       |             |              |
| 307                     | 3  | 77.528     | -139.908       |             |              | 337                     | 3  | 78.060     | -139.351       |             |              |
| 308                     | 4  | 77.577     | -139.945       |             |              | 338                     | 4  | 78.020     | -138.970       |             |              |
| 309                     | 5  | 77.754     | -139.742       |             |              | 339                     | 5  | 77.992     | -138.657       |             |              |
| 310                     | 6  | 77.764     | -139.119       |             |              | 340                     | 6  | 77.983     | -138.430       |             |              |
| 311                     | 7  | 77.637     | -139.020       |             |              | 341                     | 7  | 77.989     | -138.329       |             |              |
| 312                     | 8  | 77.429     | -139.146       |             |              | 342                     | 8  | 78.059     | -138.201       |             |              |
| 313                     | 9  | 77.337     | -139.155       |             |              | 343                     | 9  | 78.103     | -138.157       |             |              |
| 314                     | 10 | 77.272     | -139.253       |             |              | 344                     | 10 | 78.076     | -138.134       |             |              |
| 315                     | 11 | 77.187     | -139.321       |             |              | 345                     | 11 | 78.051     | -138.165       |             |              |
| 316                     | 12 | 77.191     | -139.282       |             |              | 346                     | 12 | 78.058     | -138.249       |             |              |
| 317                     | 13 | 77.210     | -139.557       |             |              | 347                     | 13 | 78.084     | -138.404       |             |              |
| 318                     | 14 | 77.224     | -139.734       |             |              | 348                     | 14 | 78.101     | -138.666       |             |              |
| 319                     | 15 | 77.214     | -139.710       |             |              | 349                     | 15 | 78.090     | -138.919       |             |              |
| 320                     | 16 | 77.238     | -139.849       |             |              | 350                     | 16 | 78.036     | -139.197       |             |              |
| 321                     | 17 | 77.288     | -140.250       |             |              | 351                     | 17 | 77.987     | -139.376       |             |              |
| 322                     | 18 | 77.326     | -140.145       |             |              | 352                     | 18 | 77.952     | -139.540       |             |              |
| 323                     | 19 | 77.339     | -140.073       |             |              | 353                     | 19 | 77.942     | -139.636       |             |              |
| 324                     | 20 | 77.359     | -139.987       |             |              | 354                     | 20 | 77.951     | -139.860       |             |              |
| 325                     | 21 | 77.418     | -139.836       |             |              | 355                     | 21 | 77.920     | -140.043       |             |              |
| 326                     | 22 | 77.568     | -140.139       |             |              | 356                     | 22 | 77.888     | -140.123       |             |              |
| 327                     | 23 | 77.597     | -139.552       |             |              | 357                     | 23 | 77.841     | -140.145       |             |              |
| 328                     | 24 | 77.663     | -139.351       |             |              | 358                     | 24 | 77.813     | -140.289       |             |              |
| 329                     | 25 | 77.738     | -139.649       |             |              | 359                     | 25 | 77.747     | -140.549       |             |              |
| 330                     | 26 | 77.764     | -139.761       |             |              | 360                     | 26 | 77.697     | -140.695       |             |              |
| 331                     | 27 | 77.802     | -139.525       |             |              | 361                     | 27 | 77.659     | -140.762       |             |              |
| 332                     | 28 | 77.920     | -139.584       |             |              | 362                     | 28 | 77.636     | -140.865       |             |              |
| 333                     | 29 | 78.055     | -140.069       |             |              | 363                     | 29 | 77.641     | -141.002       |             |              |
| 334                     | 30 | 78.090     | -140.165       |             |              | 364                     | 30 | 77.697     | -141.318       |             |              |
|                         |    |            |                |             |              | 365                     | 31 | 77.759     | -141.551       |             |              |

# BUOY 40298

| BUOY(40298)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40298)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 254                     | 11 | 79.123     | -145.084       |             |              | 274                     | 1  | 78.701     | -140.758       |             |              |
| 255                     | 12 | 79.100     | -145.454       |             |              | 275                     | 2  | 78.730     | -141.071       |             |              |
| 256                     | 13 | 79.002     | -145.855       |             |              | 276                     | 3  | 78.764     | -141.408       |             |              |
| 257                     | 14 | 78.881     | -145.843       |             |              | 277                     | 4  | 78.960     | -142.424       |             |              |
| 258                     | 15 | 78.838     | -145.716       |             |              | 278                     | 5  | 78.845     | -142.291       |             |              |
| 259                     | 16 | 78.803     | -145.866       |             |              | 279                     | 6  | 78.835     | -142.104       |             |              |
| 260                     | 17 | 78.855     | -145.417       |             |              | 280                     | 7  | 78.815     | -141.572       |             |              |
| 261                     | 18 | 78.908     | -144.615       |             |              | 281                     | 8  | 78.825     | -141.554       |             |              |
| 262                     | 19 | 78.916     | -144.312       |             |              | 282                     | 9  | 78.906     | -142.084       |             |              |
| 263                     | 20 | 78.938     | -144.236       |             |              | 283                     | 10 | 79.018     | -142.834       |             |              |
| 264                     | 21 | 79.028     | -143.965       |             |              | 284                     | 11 | 79.050     | -143.345       |             |              |
| 265                     | 22 | 79.003     | -143.727       |             |              | 285                     | 12 | 79.062     | -143.590       |             |              |
| 266                     | 23 | 79.024     | -143.514       |             |              | 286                     | 13 | 79.081     | -143.834       |             |              |
| 267                     | 24 | 79.033     | -143.222       |             |              | 287                     | 14 | 79.096     | -144.086       |             |              |
| 268                     | 25 | 79.015     | -142.692       |             |              | 288                     | 15 | 79.141     | -144.455       |             |              |
| 269                     | 26 | 78.964     | -142.343       |             |              | 289                     | 16 | 79.128     | -144.762       |             |              |
| 270                     | 27 | 78.845     | -141.804       |             |              | 290                     | 17 | 79.093     | -145.198       |             |              |
| 271                     | 28 | 78.727     | -141.028       |             |              | 291                     | 18 | 79.078     | -145.400       |             |              |
| 272                     | 29 | 78.664     | -140.575       |             |              | 292                     | 19 | 79.023     | -145.259       |             |              |
| 273                     | 30 | 78.684     | -140.503       |             |              | 293                     | 20 | 79.104     | -145.396       |             |              |
|                         |    |            |                |             |              | 294                     | 21 | 79.188     | -145.372       |             |              |
|                         |    |            |                |             |              | 295                     | 22 | 79.172     | -145.436       |             |              |
|                         |    |            |                |             |              | 296                     | 23 | 79.196     | -145.632       |             |              |
|                         |    |            |                |             |              | 297                     | 24 | 79.207     | -145.704       |             |              |
|                         |    |            |                |             |              | 298                     | 25 | 79.212     | -145.900       |             |              |
|                         |    |            |                |             |              | 299                     | 26 | 79.207     | -145.919       |             |              |
|                         |    |            |                |             |              | 300                     | 27 | 79.344     | -145.420       |             |              |
|                         |    |            |                |             |              | 301                     | 28 | 79.371     | -145.058       |             |              |
|                         |    |            |                |             |              | 302                     | 29 | 79.210     | -145.020       |             |              |
|                         |    |            |                |             |              | 303                     | 30 | 79.325     | -145.024       |             |              |
|                         |    |            |                |             |              | 304                     | 31 | 79.345     | -144.801       |             |              |

| BUOY(40298)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40298)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 79.233     | -144.562       |             |              | 335                     | 1  | 79.417     | -148.373       |             |              |
| 306                     | 2  | 79.128     | -144.331       |             |              | 336                     | 2  | 79.417     | -147.939       |             |              |
| 307                     | 3  | 79.131     | -144.215       |             |              | 337                     | 3  | 79.441     | -147.425       |             |              |
| 308                     | 4  | 79.186     | -144.216       |             |              | 338                     | 4  | 79.428     | -146.950       |             |              |
| 309                     | 5  | 79.361     | -144.112       |             |              | 339                     | 5  | 79.410     | -146.515       |             |              |
| 310                     | 6  | 79.348     | -143.668       |             |              | 340                     | 6  | 79.417     | -146.238       |             |              |
| 311                     | 7  | 79.201     | -144.140       |             |              | 341                     | 7  | 79.437     | -146.013       |             |              |
| 312                     | 8  | 79.038     | -144.456       |             |              | 342                     | 8  | 79.535     | -145.808       |             |              |
| 313                     | 9  | 78.975     | -144.655       |             |              | 343                     | 9  | 79.572     | -145.689       |             |              |
| 314                     | 10 | 78.918     | -145.065       |             |              | 344                     | 10 | 79.555     | -145.614       |             |              |
| 315                     | 11 | 78.852     | -145.203       |             |              | 345                     | 11 | 79.541     | -145.587       |             |              |
| 316                     | 12 | 78.835     | -145.261       |             |              | 346                     | 12 | 79.569     | -145.549       |             |              |
| 317                     | 13 | 78.830     | -145.553       |             |              | 347                     | 13 | 79.613     | -145.646       |             |              |
| 318                     | 14 | 78.809     | -145.816       |             |              | 348                     | 14 | 79.648     | -145.818       |             |              |
| 319                     | 15 | 78.800     | -145.846       |             |              | 349                     | 15 | 79.656     | -145.965       |             |              |
| 320                     | 16 | 78.811     | -146.034       |             |              | 350                     | 16 | 79.623     | -146.100       |             |              |
| 321                     | 17 | 78.837     | -146.488       |             |              | 351                     | 17 | 79.578     | -146.205       |             |              |
| 322                     | 18 | 78.872     | -146.604       |             |              | 352                     | 18 | 79.552     | -146.241       |             |              |
| 323                     | 19 | 78.896     | -146.620       |             |              | 353                     | 19 | 79.556     | -146.304       |             |              |
| 324                     | 20 | 78.951     | -146.566       |             |              | 354                     | 20 | 79.568     | -146.586       |             |              |
| 325                     | 21 | 79.021     | -146.503       |             |              | 355                     | 21 | 79.544     | -146.869       |             |              |
| 328                     | 24 | 79.196     | -146.215       |             |              | 356                     | 22 | 79.500     | -147.115       |             |              |
| 329                     | 25 | 79.266     | -146.586       |             |              | 357                     | 23 | 79.443     | -147.409       |             |              |
| 330                     | 26 | 79.299     | -147.046       |             |              | 358                     | 24 | 79.391     | -147.887       |             |              |
| 331                     | 27 | 79.317     | -147.372       |             |              | 359                     | 25 | 79.342     | -148.317       |             |              |
| 332                     | 28 | 79.357     | -147.709       |             |              | 360                     | 26 | 79.328     | -148.482       |             |              |
| 333                     | 29 | 79.408     | -148.398       |             |              | 361                     | 27 | 79.329     | -148.505       |             |              |
| 334                     | 30 | 79.436     | -148.550       |             |              | 362                     | 28 | 79.339     | -148.537       |             |              |
|                         |    |            |                |             |              | 363                     | 29 | 79.376     | -148.535       |             |              |
|                         |    |            |                |             |              | 364                     | 30 | 79.449     | -148.777       |             |              |
|                         |    |            |                |             |              | 365                     | 31 | 79.561     | -149.044       |             |              |

# BUOY 40299

| BUOY(40299)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40299)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 254                     | 11 | 77.506     | -137.965       |             |              | 274                     | 1  | 76.799     | -132.919       |             |              |
| 255                     | 12 | 77.550     | -137.862       |             |              | 275                     | 2  | 76.841     | -133.253       |             |              |
| 256                     | 13 | 77.446     | -137.929       |             |              | 276                     | 3  | 76.883     | -133.589       |             |              |
| 257                     | 14 | 77.257     | -137.663       |             |              | 277                     | 4  | 77.053     | -134.135       |             |              |
| 258                     | 15 | 77.168     | -137.435       |             |              | 278                     | 5  | 76.870     | -133.851       |             |              |
| 259                     | 16 | 77.160     | -137.720       |             |              | 279                     | 6  | 76.723     | -133.776       |             |              |
| 260                     | 17 | 77.112     | -137.568       |             |              | 280                     | 7  | 76.724     | -133.360       |             |              |
| 261                     | 18 | 77.180     | -136.588       |             |              | 281                     | 8  | 76.756     | -133.832       |             |              |
| 262                     | 19 | 77.211     | -135.805       |             |              | 282                     | 9  | 76.846     | -134.917       |             |              |
| 263                     | 20 | 77.216     | -135.498       |             |              | 283                     | 10 | 76.932     | -135.882       |             |              |
| 264                     | 21 | 77.177     | -135.636       |             |              | 284                     | 11 | 76.954     | -136.389       |             |              |
| 265                     | 22 | 77.119     | -135.685       |             |              | 285                     | 12 | 76.924     | -136.617       |             |              |
| 266                     | 23 | 77.038     | -135.658       |             |              | 286                     | 13 | 76.906     | -136.838       |             |              |
| 267                     | 24 | 77.032     | -135.338       |             |              | 287                     | 14 | 76.887     | -137.083       |             |              |
| 268                     | 25 | 77.028     | -134.942       |             |              | 288                     | 15 | 76.906     | -137.406       |             |              |
| 269                     | 26 | 76.974     | -134.339       |             |              | 289                     | 16 | 76.887     | -137.737       |             |              |
| 270                     | 27 | 76.893     | -133.798       |             |              | 290                     | 17 | 76.869     | -138.060       |             |              |
| 271                     | 28 | 76.771     | -132.975       |             |              | 291                     | 18 | 76.815     | -138.311       |             |              |
| 272                     | 29 | 76.714     | -132.524       |             |              | 292                     | 19 | 76.779     | -138.186       |             |              |
| 273                     | 30 | 76.770     | -132.619       |             |              | 293                     | 20 | 76.889     | -138.499       |             |              |
|                         |    |            |                |             |              | 294                     | 21 | 76.962     | -138.675       |             |              |
|                         |    |            |                |             |              | 295                     | 22 | 76.954     | -138.826       |             |              |
|                         |    |            |                |             |              | 296                     | 23 | 76.973     | -138.981       |             |              |
|                         |    |            |                |             |              | 297                     | 24 | 76.995     | -139.124       |             |              |
|                         |    |            |                |             |              | 298                     | 25 | 77.024     | -139.433       |             |              |
|                         |    |            |                |             |              | 299                     | 26 | 76.980     | -139.711       |             |              |
|                         |    |            |                |             |              | 300                     | 27 | 77.065     | -139.501       |             |              |
|                         |    |            |                |             |              | 301                     | 28 | 77.140     | -138.580       |             |              |
|                         |    |            |                |             |              | 302                     | 29 | 76.978     | -138.369       |             |              |
|                         |    |            |                |             |              | 303                     | 30 | 77.093     | -138.200       |             |              |
|                         |    |            |                |             |              | 304                     | 31 | 77.147     | -137.695       |             |              |

| BUOY(40299)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40299)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 77.055     | -137.334       |             |              | 335                     | 1  | 77.269     | -136.679       |             |              |
| 306                     | 2  | 76.923     | -137.116       |             |              | 336                     | 2  | 77.227     | -136.589       |             |              |
| 307                     | 3  | 76.906     | -137.024       |             |              | 337                     | 3  | 77.203     | -136.276       |             |              |
| 308                     | 4  | 76.940     | -137.017       |             |              | 338                     | 4  | 77.151     | -135.897       |             |              |
| 309                     | 5  | 77.110     | -136.808       |             |              | 339                     | 5  | 77.112     | -135.574       |             |              |
| 310                     | 6  | 77.135     | -136.149       |             |              | 340                     | 6  | 77.101     | -135.411       |             |              |
| 311                     | 7  | 77.022     | -135.872       |             |              | 341                     | 7  | 77.105     | -135.359       |             |              |
| 312                     | 8  | 76.810     | -135.966       |             |              | 342                     | 8  | 77.157     | -135.284       |             |              |
| 313                     | 9  | 76.682     | -136.027       |             |              | 343                     | 9  | 77.199     | -135.275       |             |              |
| 314                     | 10 | 76.601     | -136.126       |             |              | 344                     | 10 | 77.173     | -135.252       |             |              |
| 315                     | 11 | 76.514     | -136.198       |             |              | 345                     | 11 | 77.145     | -135.323       |             |              |
| 316                     | 12 | 76.518     | -136.128       |             |              | 346                     | 12 | 77.145     | -135.460       |             |              |
| 317                     | 13 | 76.557     | -136.370       |             |              | 347                     | 13 | 77.169     | -135.647       |             |              |
| 318                     | 14 | 76.581     | -136.490       |             |              | 348                     | 14 | 77.170     | -135.934       |             |              |
| 319                     | 15 | 76.566     | -136.472       |             |              | 349                     | 15 | 77.154     | -136.254       |             |              |
| 320                     | 16 | 76.591     | -136.625       |             |              | 350                     | 16 | 77.100     | -136.570       |             |              |
| 321                     | 17 | 76.644     | -136.866       |             |              | 351                     | 17 | 77.048     | -136.771       |             |              |
| 322                     | 18 | 76.659     | -136.726       |             |              | 352                     | 18 | 77.010     | -136.939       |             |              |
| 323                     | 19 | 76.625     | -136.660       |             |              | 353                     | 19 | 76.997     | -137.066       |             |              |
| 324                     | 20 | 76.603     | -136.585       |             |              | 354                     | 20 | 76.997     | -137.279       |             |              |
| 325                     | 21 | 76.625     | -136.427       |             |              | 355                     | 21 | 76.959     | -137.413       |             |              |
| 326                     | 22 | 76.766     | -136.796       |             |              | 356                     | 22 | 76.935     | -137.397       |             |              |
| 327                     | 23 | 76.819     | -136.327       |             |              | 357                     | 23 | 76.906     | -137.399       |             |              |
| 328                     | 24 | 76.851     | -136.111       |             |              | 358                     | 24 | 76.867     | -137.453       |             |              |
| 329                     | 25 | 76.936     | -136.379       |             |              | 359                     | 25 | 76.781     | -137.563       |             |              |
| 330                     | 26 | 76.949     | -136.438       |             |              | 360                     | 26 | 76.705     | -137.680       |             |              |
| 331                     | 27 | 76.953     | -136.211       |             |              | 361                     | 27 | 76.652     | -137.765       |             |              |
| 332                     | 28 | 77.053     | -136.208       |             |              | 362                     | 28 | 76.610     | -137.909       |             |              |
| 333                     | 29 | 77.223     | -136.634       |             |              | 363                     | 29 | 76.599     | -138.149       |             |              |
| 334                     | 30 | 77.282     | -136.773       |             |              | 364                     | 30 | 76.656     | -138.521       |             |              |
|                         |    |            |                |             |              | 365                     | 31 | 76.679     | -138.757       |             |              |

# BUOY 40300

| BUOY(40300)<br>2003 Sep |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40300)<br>2003 Oct |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 254                     | 11 | 78.019     | -143.222       |             |              | 274                     | 1  | 77.561     | -137.981       |             |              |
| 255                     | 12 | 78.043     | -143.355       |             |              | 275                     | 2  | 77.605     | -138.314       |             |              |
| 256                     | 13 | 77.950     | -143.451       |             |              | 276                     | 3  | 77.650     | -138.649       |             |              |
| 257                     | 14 | 77.783     | -143.192       |             |              | 277                     | 4  | 77.837     | -139.404       |             |              |
| 258                     | 15 | 77.695     | -142.912       |             |              | 278                     | 5  | 77.660     | -139.140       |             |              |
| 259                     | 16 | 77.680     | -143.180       |             |              | 279                     | 6  | 77.617     | -138.951       |             |              |
| 260                     | 17 | 77.664     | -142.886       |             |              | 280                     | 7  | 77.617     | -138.492       |             |              |
| 261                     | 18 | 77.706     | -141.880       |             |              | 281                     | 8  | 77.651     | -138.806       |             |              |
| 262                     | 19 | 77.713     | -141.305       |             |              | 282                     | 9  | 77.755     | -139.703       |             |              |
| 263                     | 20 | 77.730     | -141.200       |             |              | 283                     | 10 | 77.866     | -140.604       |             |              |
| 264                     | 21 | 77.799     | -141.015       |             |              | 284                     | 11 | 77.878     | -141.119       |             |              |
| 265                     | 22 | 77.757     | -140.888       |             |              | 285                     | 12 | 77.863     | -141.362       |             |              |
| 266                     | 23 | 77.747     | -140.717       |             |              | 286                     | 13 | 77.872     | -141.660       |             |              |
| 267                     | 24 | 77.785     | -140.329       |             |              | 287                     | 14 | 77.882     | -141.953       |             |              |
| 268                     | 25 | 77.785     | -139.909       |             |              | 288                     | 15 | 77.928     | -142.302       |             |              |
| 269                     | 26 | 77.716     | -139.483       |             |              | 289                     | 16 | 77.909     | -142.660       |             |              |
| 270                     | 27 | 77.620     | -138.923       |             |              | 290                     | 17 | 77.875     | -143.046       |             |              |
| 271                     | 28 | 77.513     | -138.091       |             |              | 291                     | 18 | 77.843     | -143.238       |             |              |
| 272                     | 29 | 77.487     | -137.661       |             |              | 292                     | 19 | 77.794     | -143.106       |             |              |
| 273                     | 30 | 77.541     | -137.650       |             |              | 293                     | 20 | 77.898     | -143.394       |             |              |
|                         |    |            |                |             |              | 294                     | 21 | 77.986     | -143.468       |             |              |
|                         |    |            |                |             |              | 295                     | 22 | 77.980     | -143.571       |             |              |
|                         |    |            |                |             |              | 296                     | 23 | 78.000     | -143.742       |             |              |
|                         |    |            |                |             |              | 297                     | 24 | 78.011     | -143.866       |             |              |
|                         |    |            |                |             |              | 298                     | 25 | 78.033     | -144.142       |             |              |
|                         |    |            |                |             |              | 299                     | 26 | 78.016     | -144.279       |             |              |
|                         |    |            |                |             |              | 300                     | 27 | 78.143     | -143.919       |             |              |
|                         |    |            |                |             |              | 301                     | 28 | 78.171     | -143.217       |             |              |
|                         |    |            |                |             |              | 302                     | 29 | 77.979     | -143.117       |             |              |
|                         |    |            |                |             |              | 303                     | 30 | 78.094     | -143.059       |             |              |
|                         |    |            |                |             |              | 304                     | 31 | 78.113     | -142.590       |             |              |

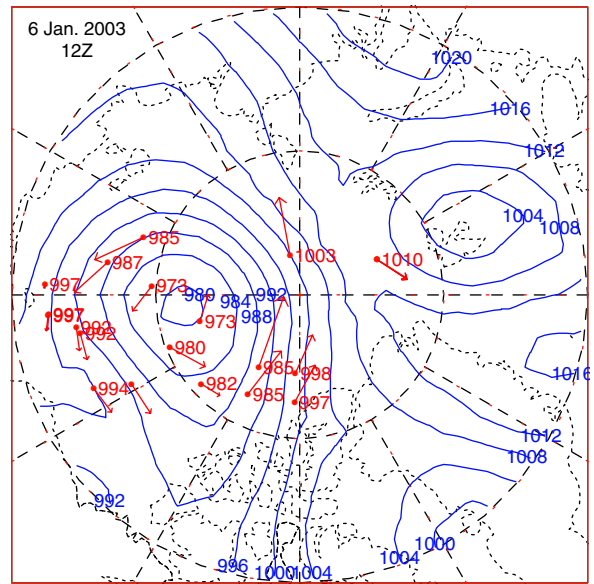
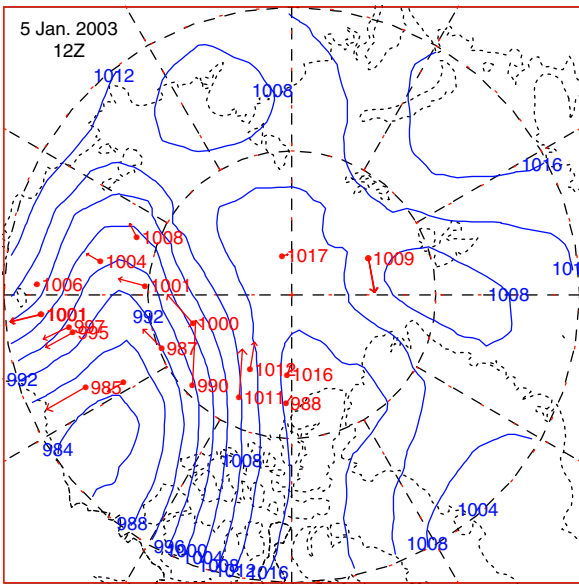
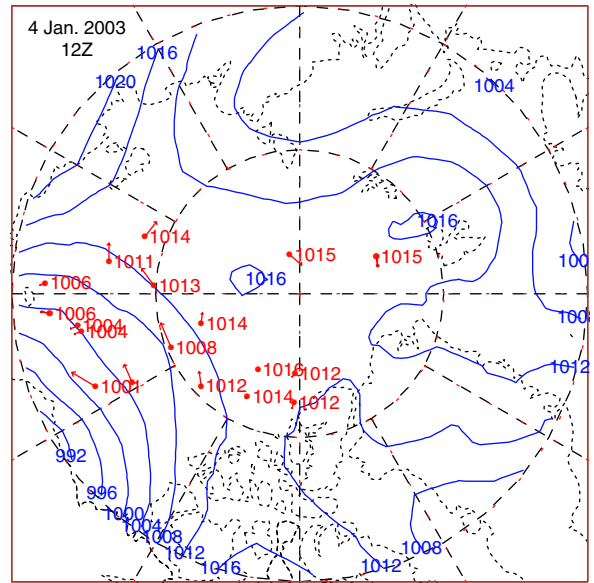
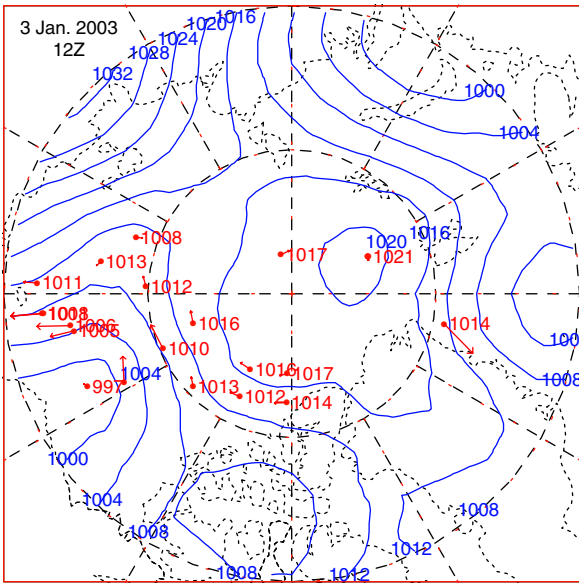
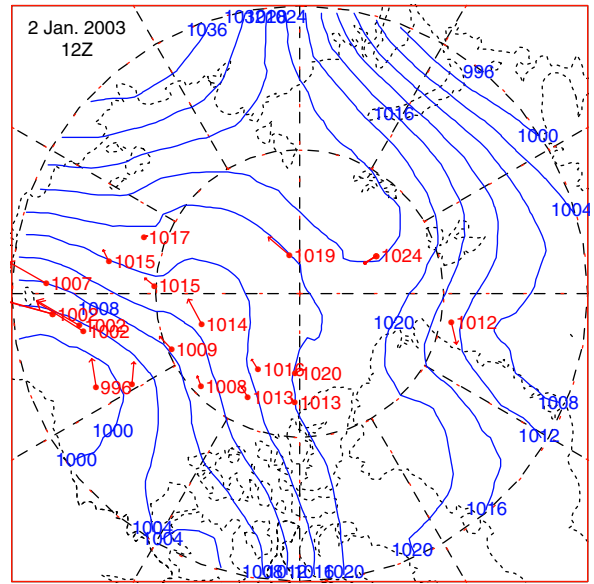
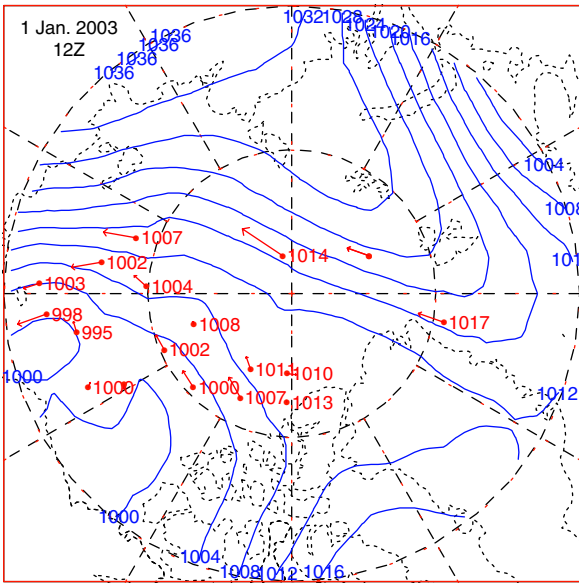
| BUOY(40300)<br>2003 Nov |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) | BUOY(40300)<br>2003 Dec |    | LAT<br>(N) | LON<br>(+E,-W) | SLP<br>(MB) | Air T<br>(C) |
|-------------------------|----|------------|----------------|-------------|--------------|-------------------------|----|------------|----------------|-------------|--------------|
| 305                     | 1  | 77.995     | -142.233       |             |              | 335                     | 1  | 78.355     | -143.158       |             |              |
| 306                     | 2  | 77.880     | -141.960       |             |              | 336                     | 2  | 78.339     | -142.846       |             |              |
| 307                     | 3  | 77.888     | -141.828       |             |              | 337                     | 3  | 78.357     | -142.320       |             |              |
| 308                     | 4  | 77.934     | -141.863       |             |              | 338                     | 4  | 78.324     | -141.929       |             |              |
| 309                     | 5  | 78.116     | -141.693       |             |              | 339                     | 5  | 78.299     | -141.573       |             |              |
| 310                     | 6  | 78.113     | -141.122       |             |              | 340                     | 6  | 78.296     | -141.361       |             |              |
| 311                     | 7  | 77.966     | -141.121       |             |              | 341                     | 7  | 78.316     | -141.227       |             |              |
| 312                     | 8  | 77.767     | -141.336       |             |              | 342                     | 8  | 78.396     | -141.088       |             |              |
| 313                     | 9  | 77.680     | -141.349       |             |              | 343                     | 9  | 78.429     | -141.061       |             |              |
| 314                     | 10 | 77.623     | -141.426       |             |              | 344                     | 10 | 78.404     | -140.998       |             |              |
| 315                     | 11 | 77.532     | -141.476       |             |              | 345                     | 11 | 78.384     | -141.036       |             |              |
| 316                     | 12 | 77.532     | -141.453       |             |              | 346                     | 12 | 78.399     | -141.093       |             |              |
| 317                     | 13 | 77.536     | -141.769       |             |              | 347                     | 13 | 78.433     | -141.239       |             |              |
| 318                     | 14 | 77.546     | -142.000       |             |              | 348                     | 14 | 78.453     | -141.484       |             |              |
| 319                     | 15 | 77.539     | -141.979       |             |              | 349                     | 15 | 78.446     | -141.717       |             |              |
| 320                     | 16 | 77.562     | -142.075       |             |              | 350                     | 16 | 78.403     | -141.952       |             |              |
| 321                     | 17 | 77.603     | -142.619       |             |              | 351                     | 17 | 78.355     | -142.131       |             |              |
| 322                     | 18 | 77.647     | -142.467       |             |              | 352                     | 18 | 78.324     | -142.230       |             |              |
| 323                     | 19 | 77.671     | -142.428       |             |              | 353                     | 19 | 78.320     | -142.343       |             |              |
| 324                     | 20 | 77.695     | -142.357       |             |              | 354                     | 20 | 78.328     | -142.590       |             |              |
| 325                     | 21 | 77.748     | -142.188       |             |              | 355                     | 21 | 78.291     | -142.805       |             |              |
| 326                     | 22 | 77.895     | -142.616       |             |              | 356                     | 22 | 78.253     | -142.922       |             |              |
| 327                     | 23 | 77.909     | -142.005       |             |              | 357                     | 23 | 78.206     | -143.024       |             |              |
| 328                     | 24 | 77.982     | -141.816       |             |              | 358                     | 24 | 78.168     | -143.228       |             |              |
| 329                     | 25 | 78.059     | -142.102       |             |              | 359                     | 25 | 78.122     | -143.514       |             |              |
| 330                     | 26 | 78.099     | -142.426       |             |              | 360                     | 26 | 78.091     | -143.662       |             |              |
| 331                     | 27 | 78.137     | -142.373       |             |              | 361                     | 27 | 78.065     | -143.693       |             |              |
| 332                     | 28 | 78.228     | -142.556       |             |              | 362                     | 28 | 78.048     | -143.764       |             |              |
| 333                     | 29 | 78.347     | -143.186       |             |              | 363                     | 29 | 78.066     | -143.861       |             |              |
| 334                     | 30 | 78.362     | -143.221       |             |              | 364                     | 30 | 78.141     | -144.163       |             |              |
|                         |    |            |                |             |              | 365                     | 31 | 78.218     | -144.359       |             |              |

## VII. Graphical Data

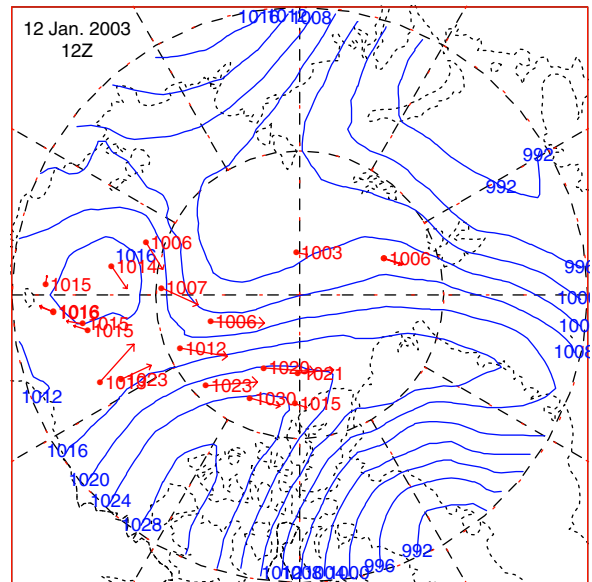
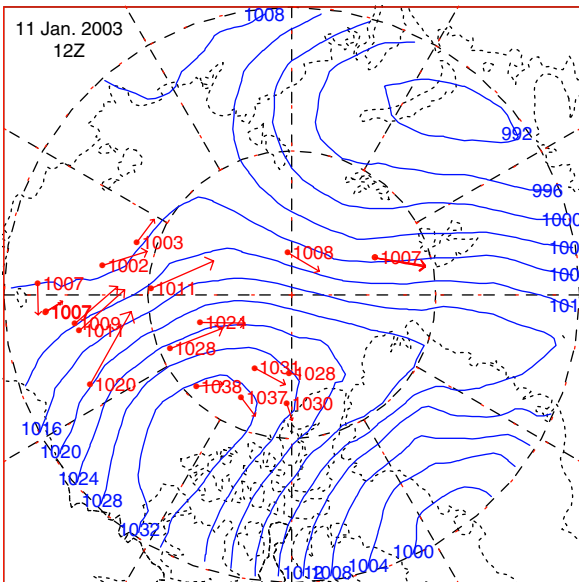
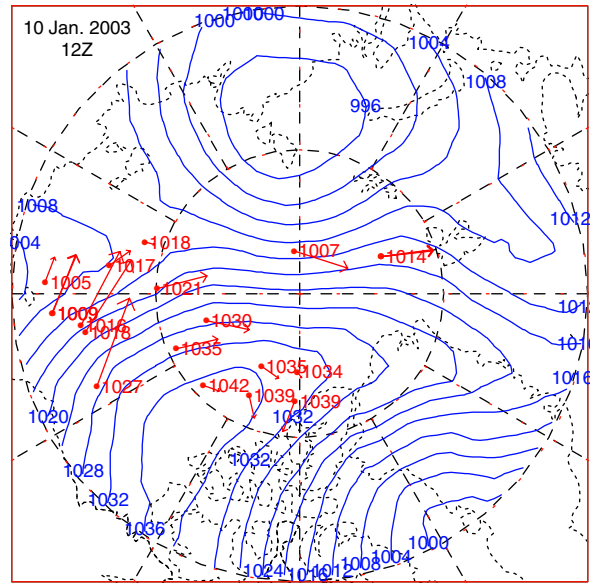
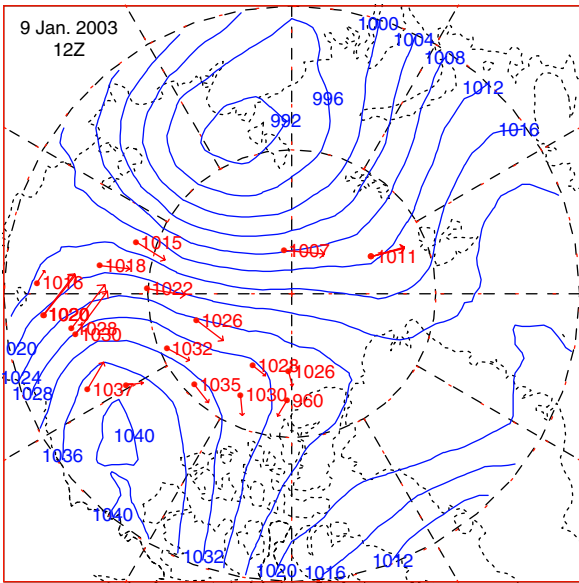
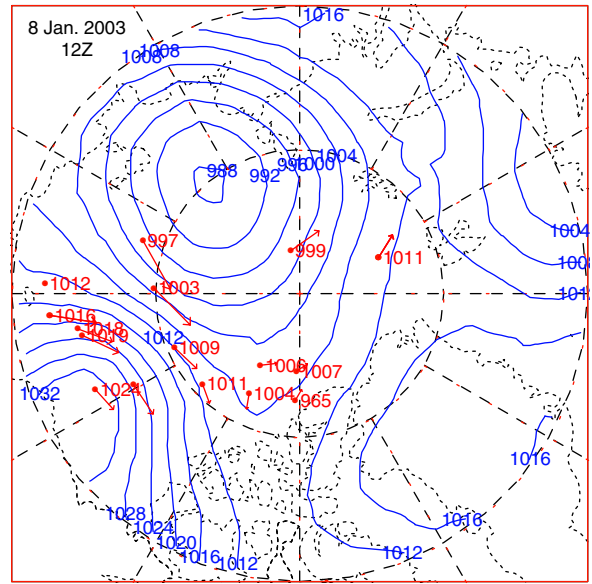
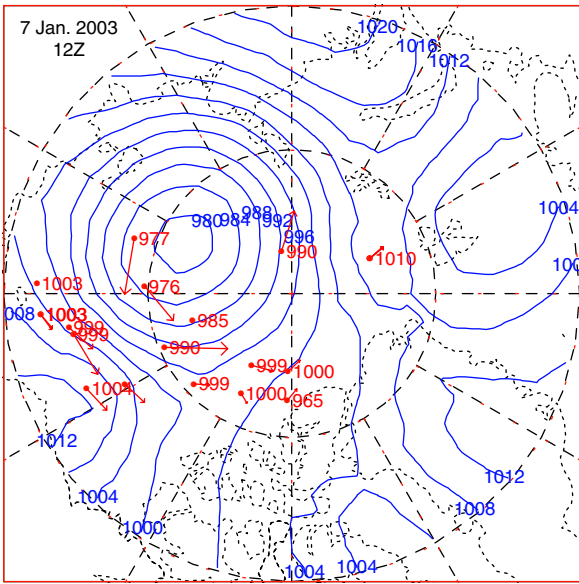
The following plots show contours of surface pressure at 1200 GMT. The daily displacement of each buoy from 0 GMT to 24 GMT is indicated by a vector originating from the buoy's current position at 12 GMT of each day. A vector of length 1 cm corresponds to a displacement of 20 km. Buoy positions and displacements were not plotted when the data did not permit good displacement estimates. Usually the pressure measurements were still reliable at these times and were used to construct the pressure field.



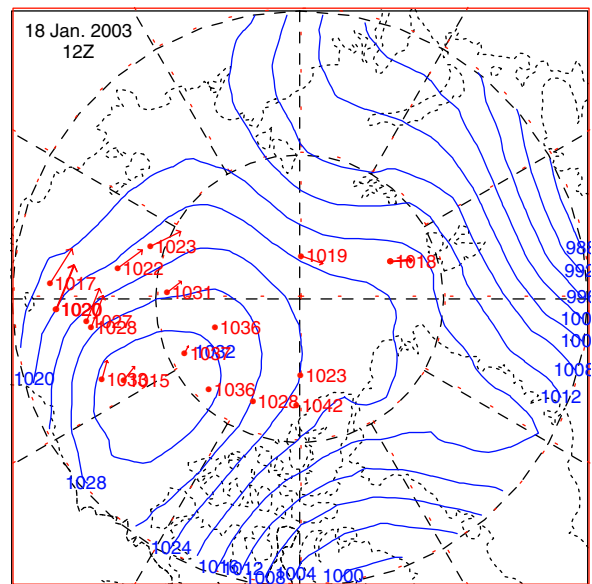
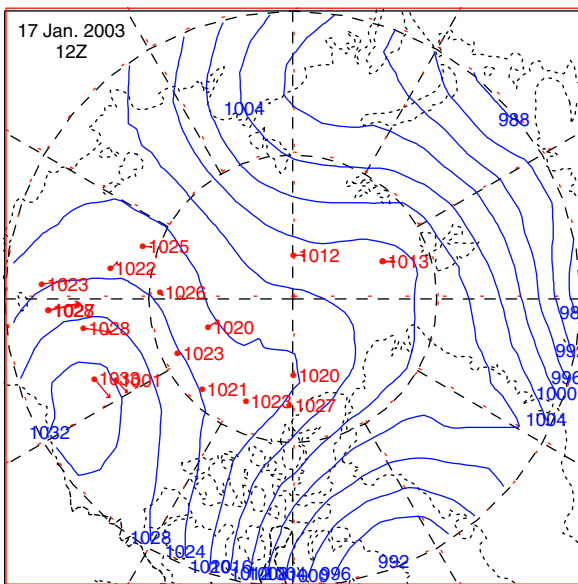
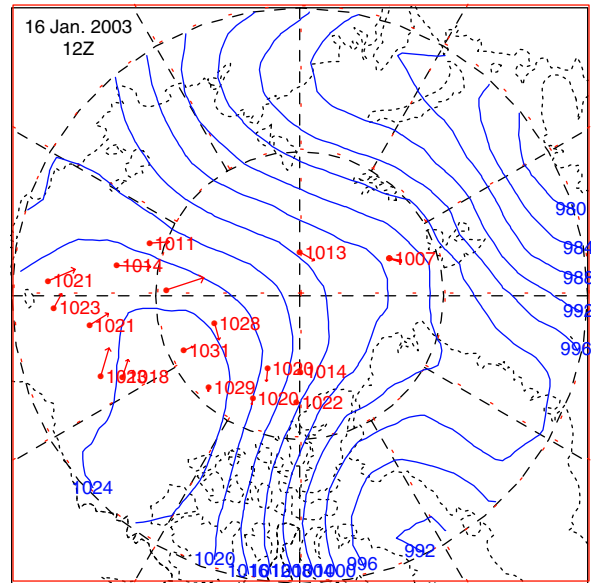
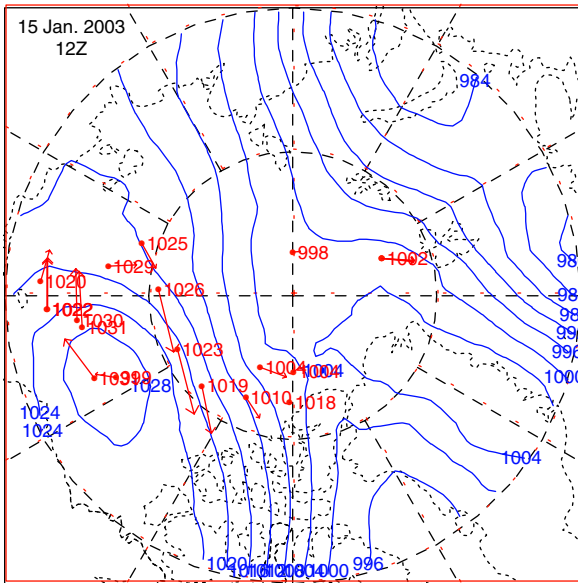
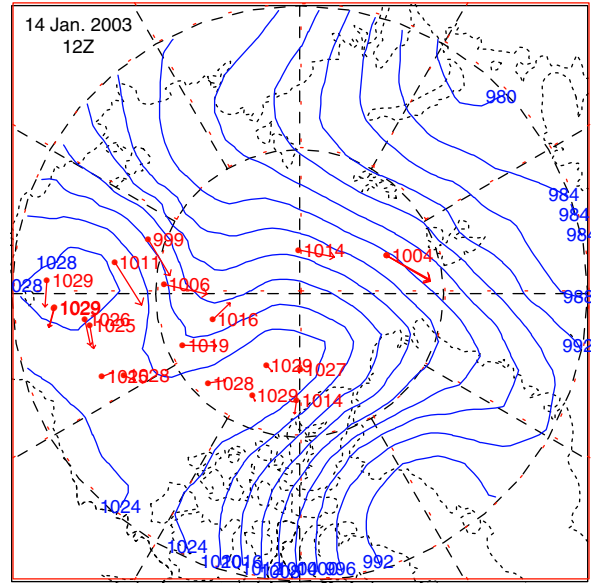
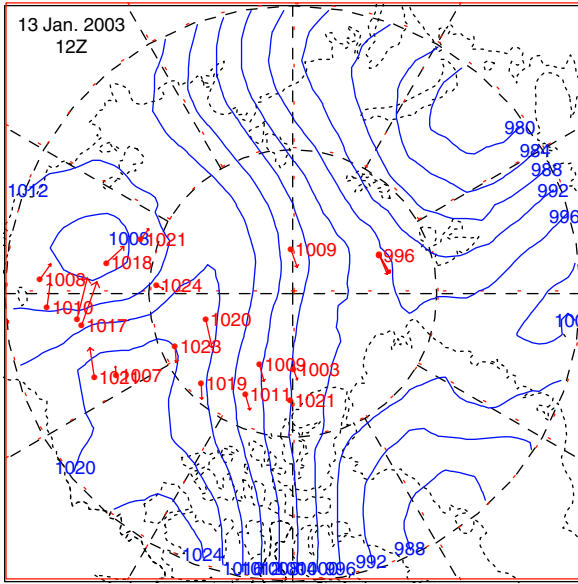
# 1 JAN 2003 - 6 JAN 2003



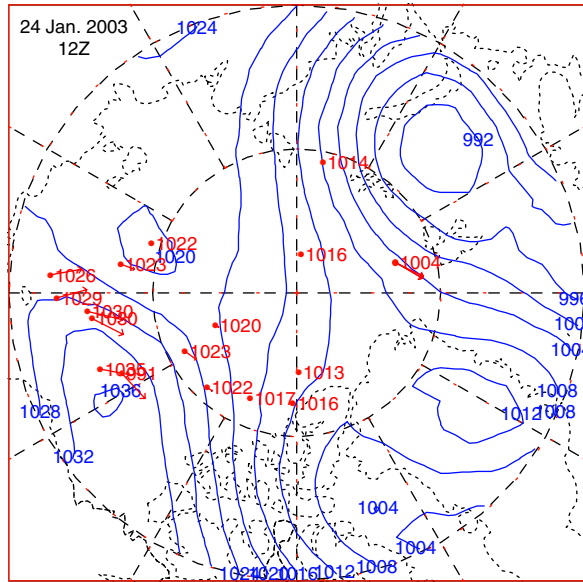
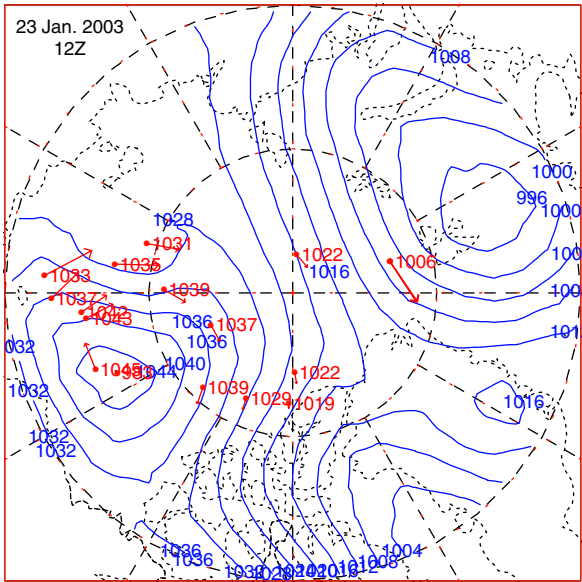
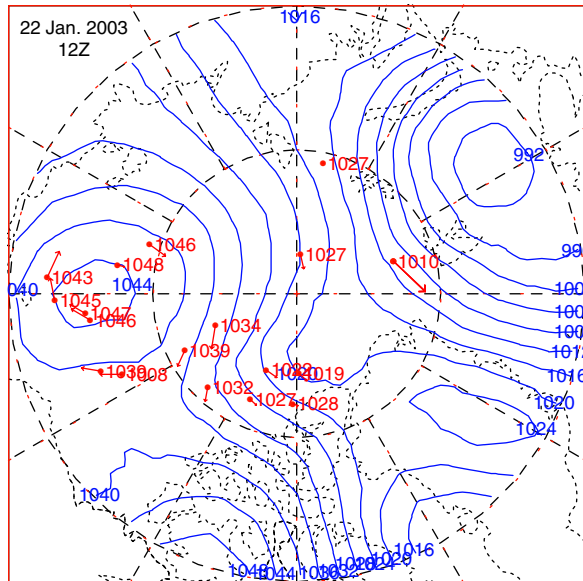
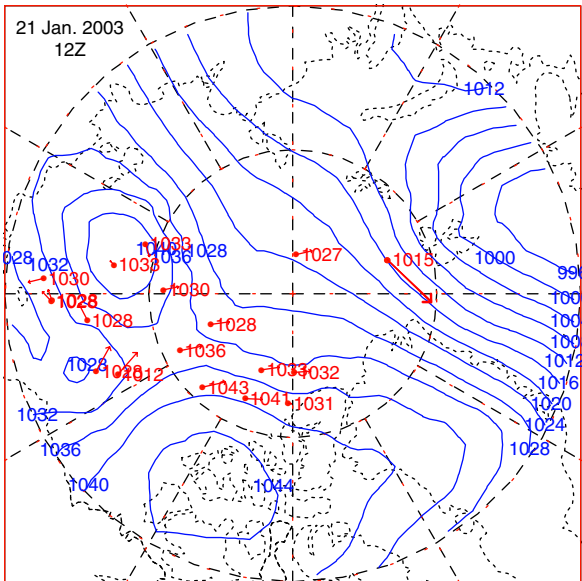
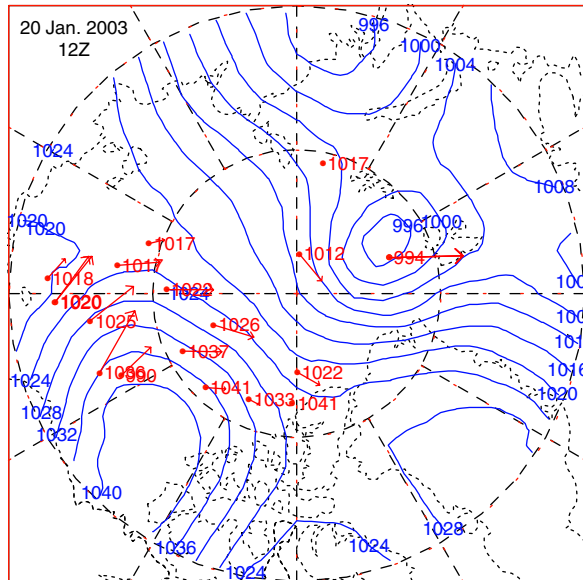
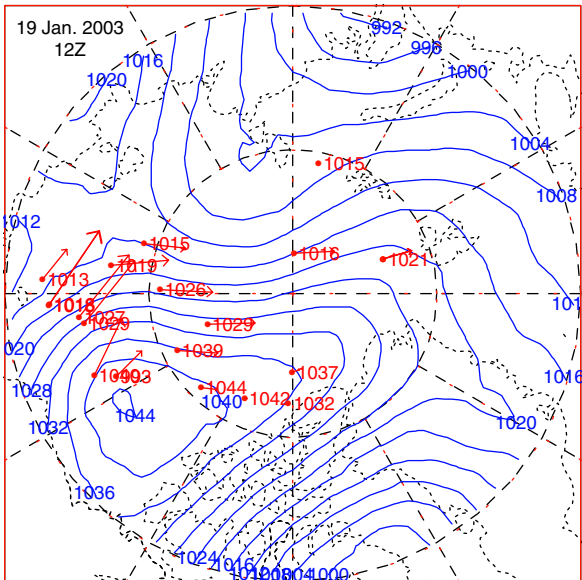
# 7 JAN 2003 - 12 JAN 2003



13 JAN 2003 - 18 JAN 2003

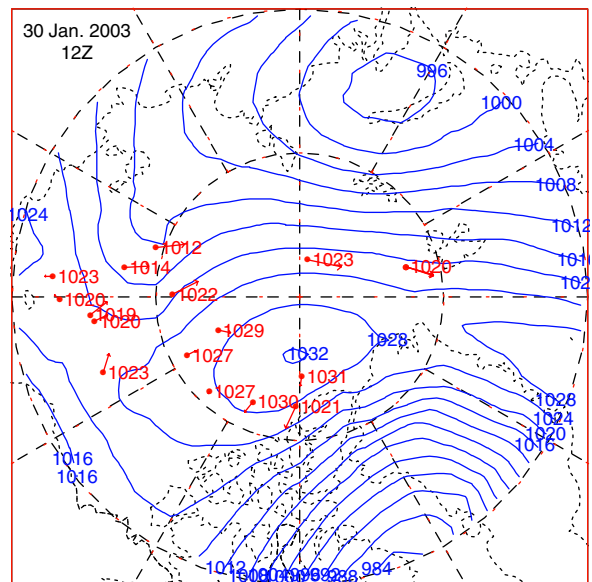
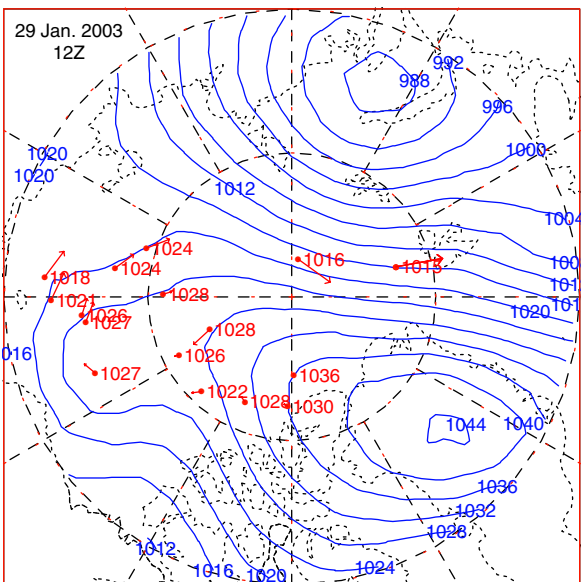
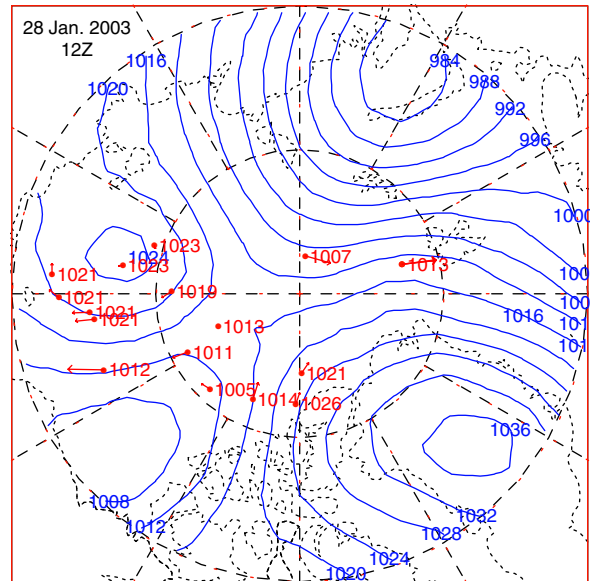
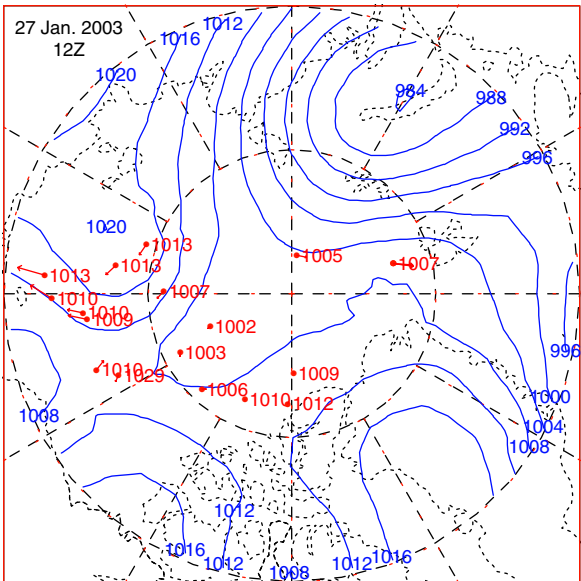
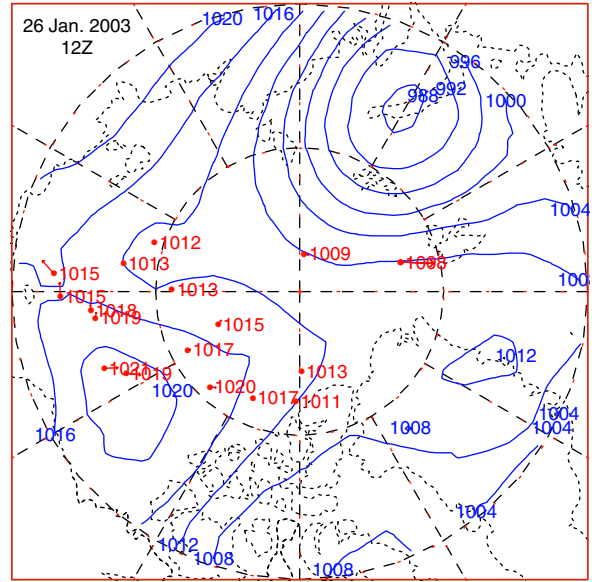
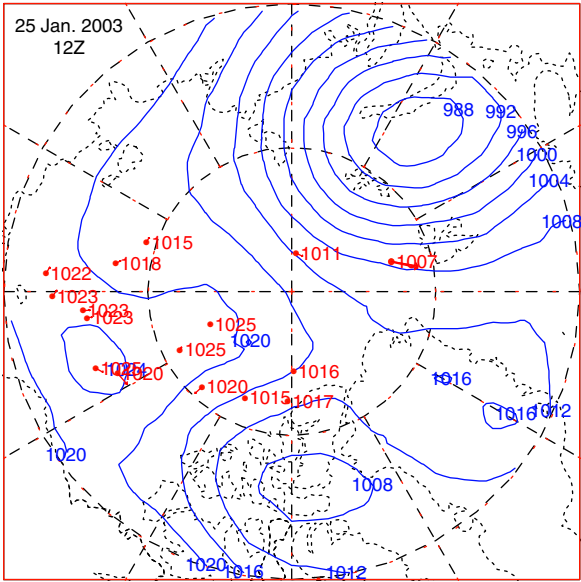


19 JAN 2003 - 24 JAN 2003

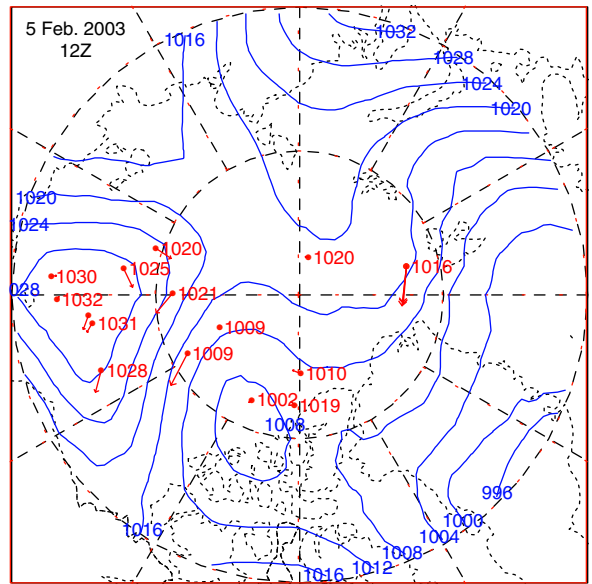
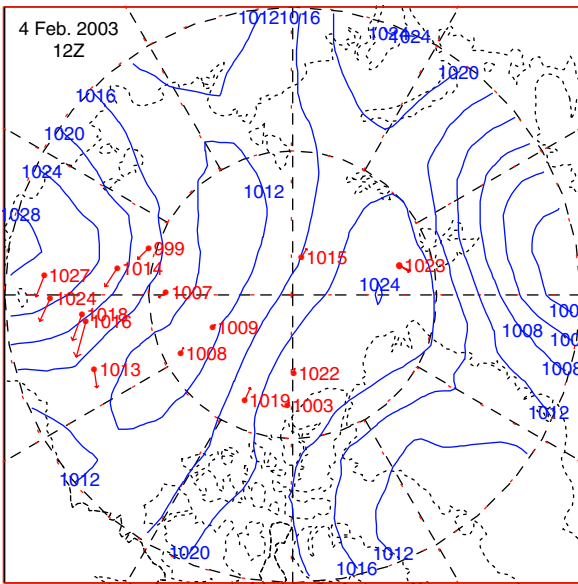
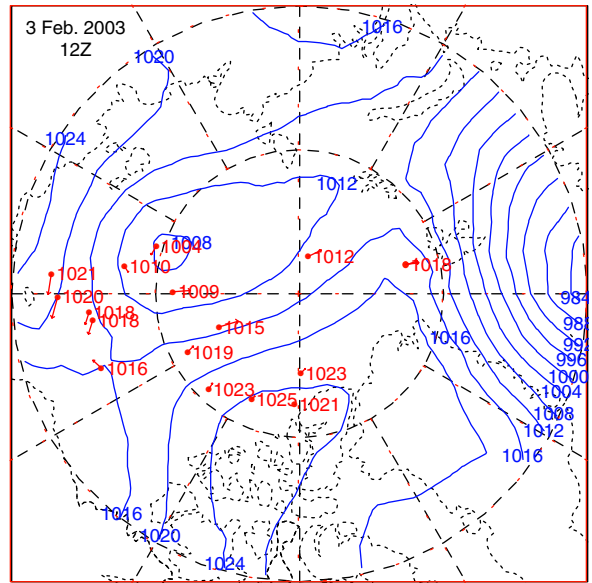
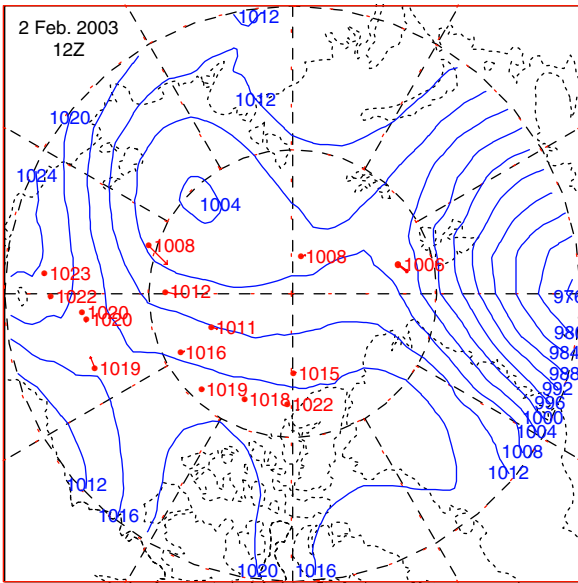
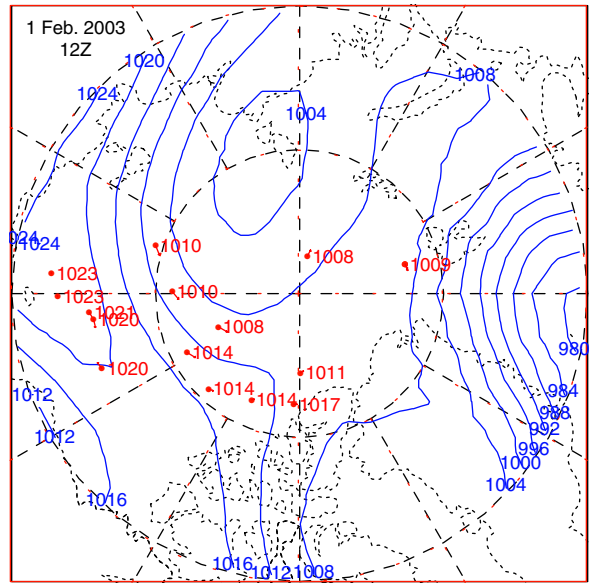
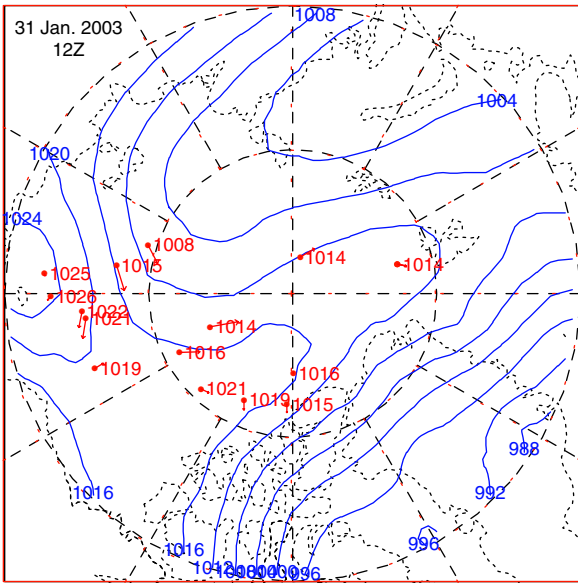




25 JAN 2003 - 30 JAN 2003

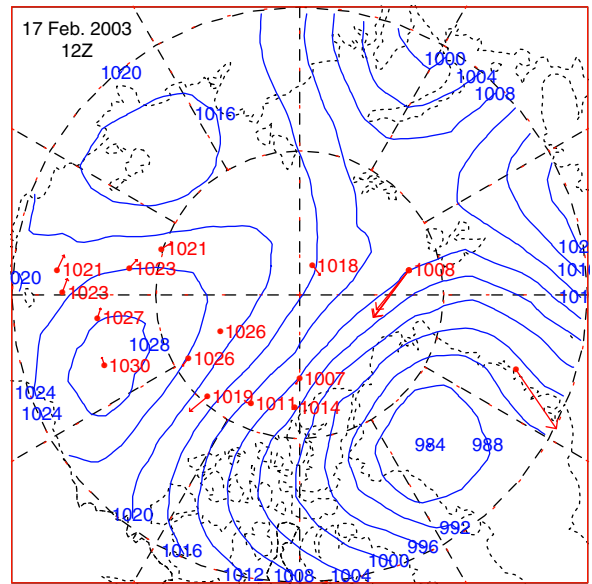
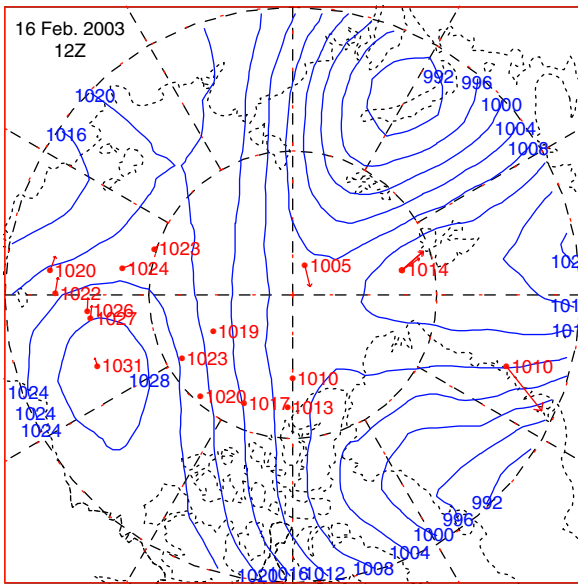
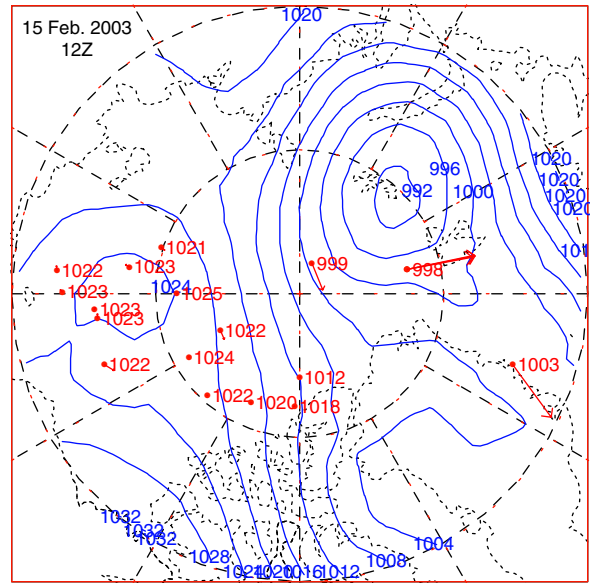
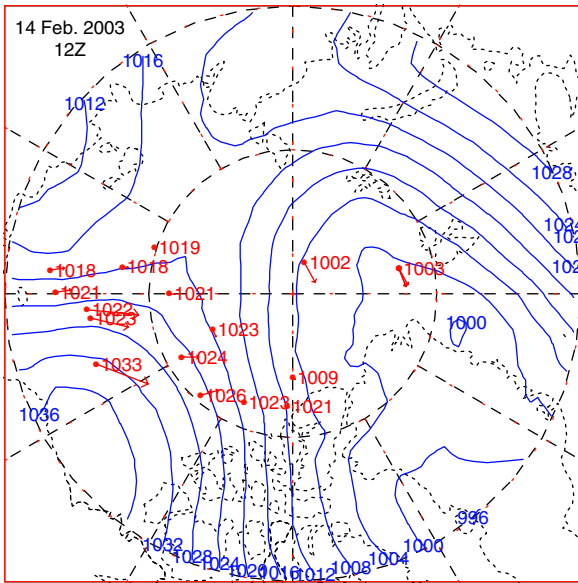
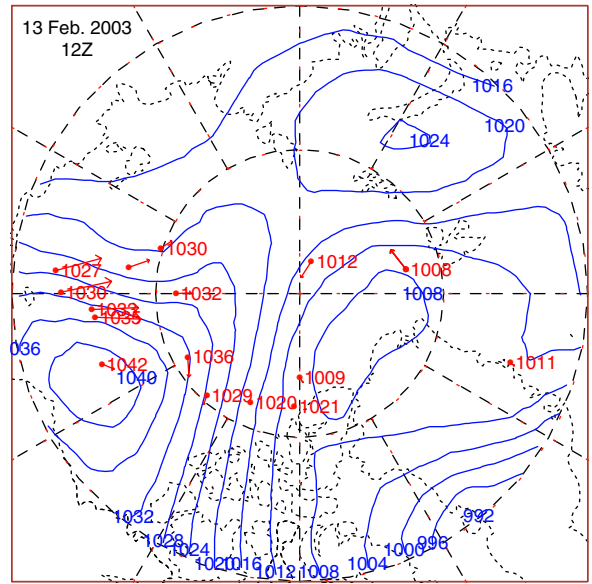
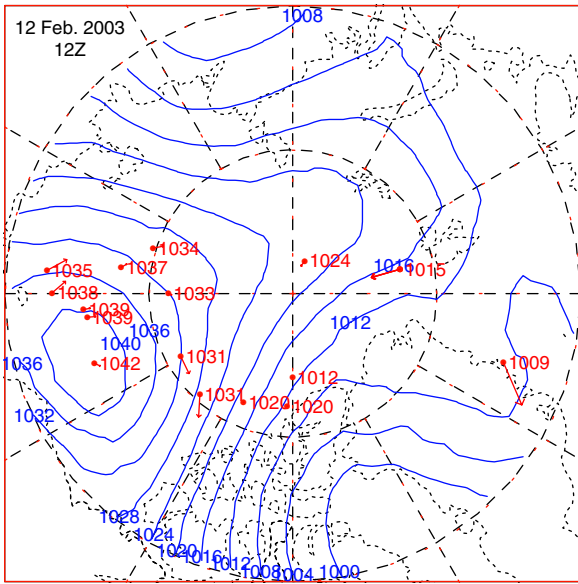


31 JAN 2003 - 5 FEB 2003



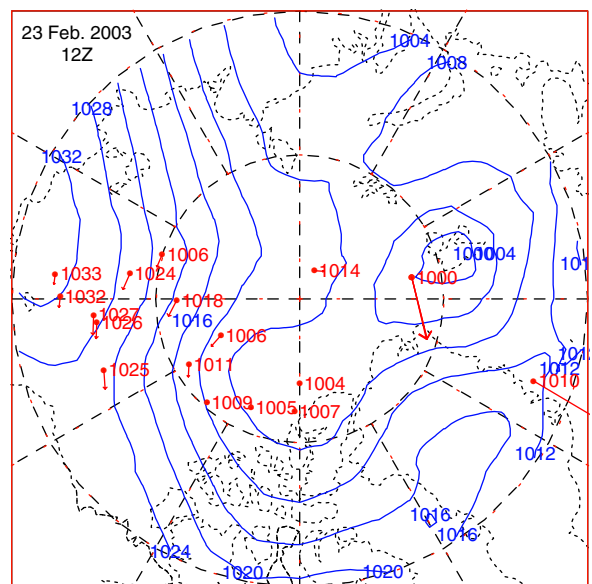
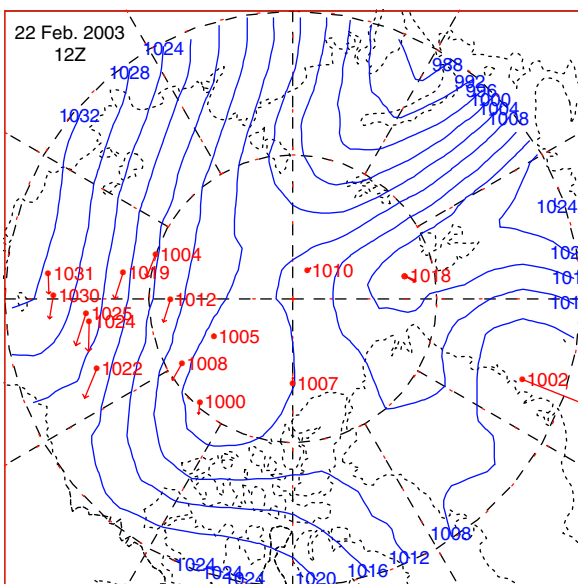
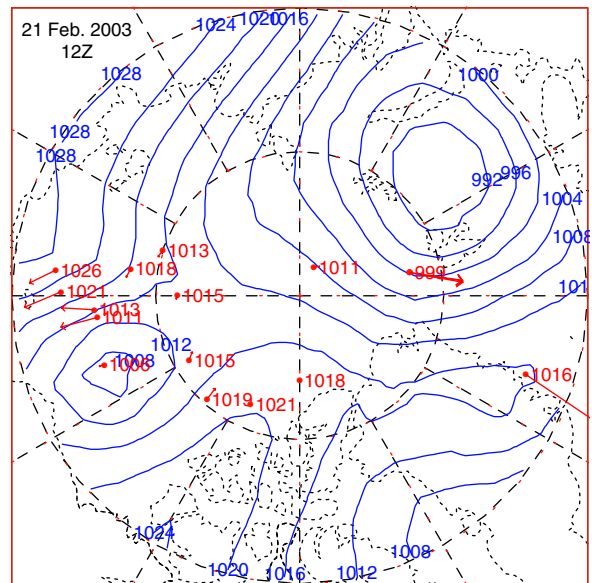
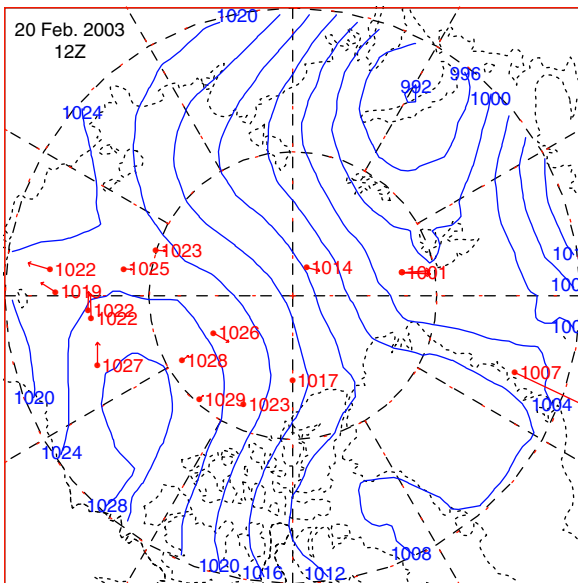
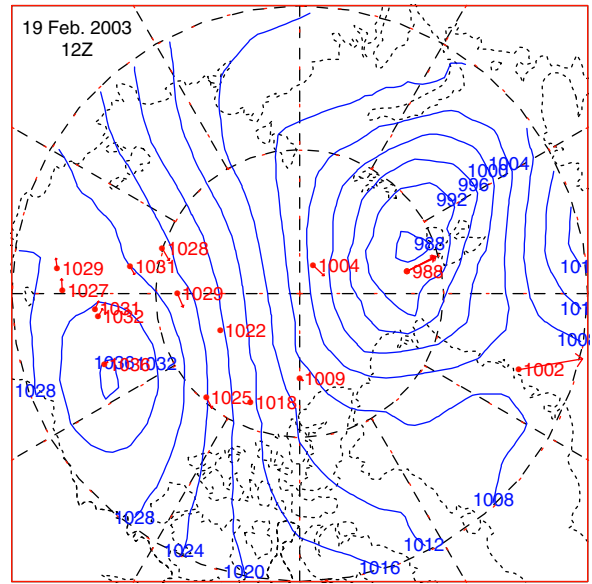
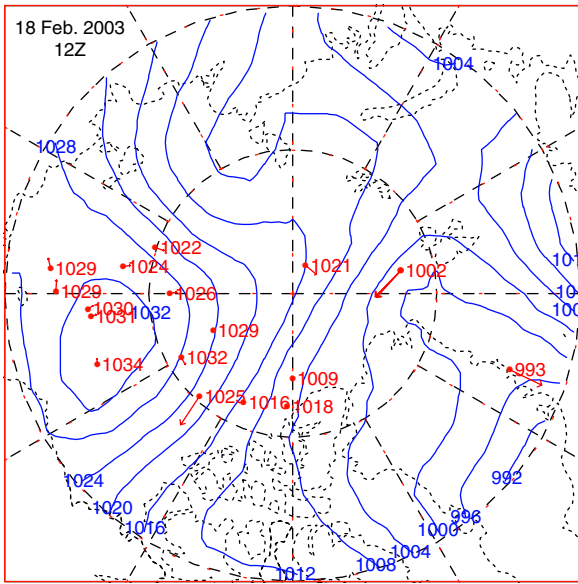


12 FEB 2003 - 17 FEB 2003

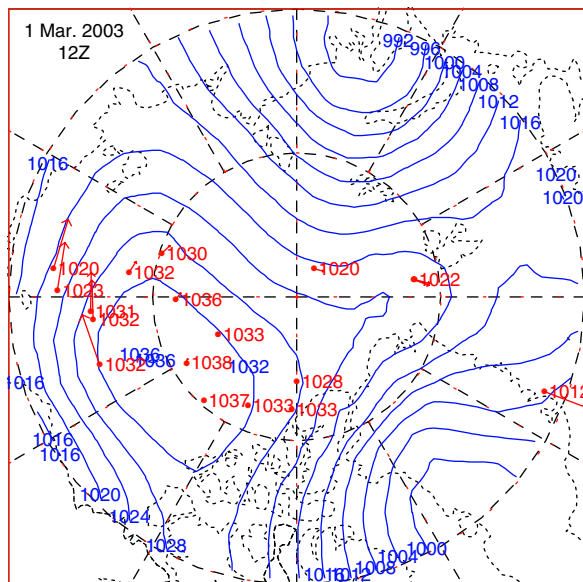
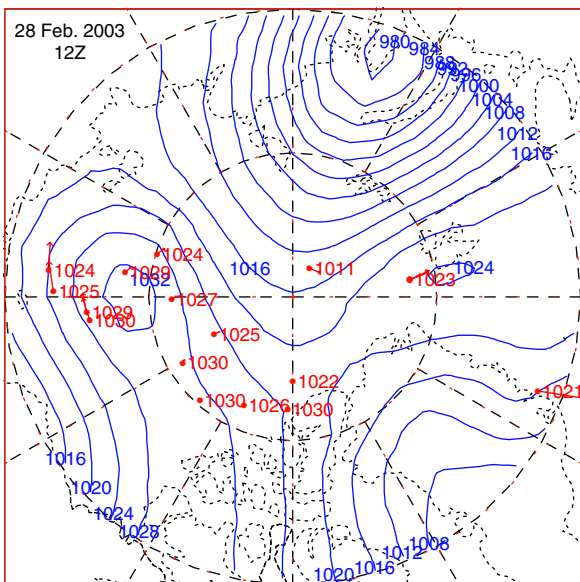
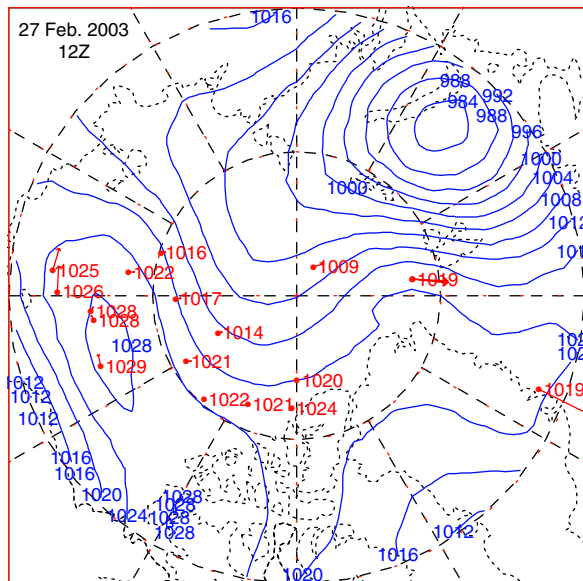
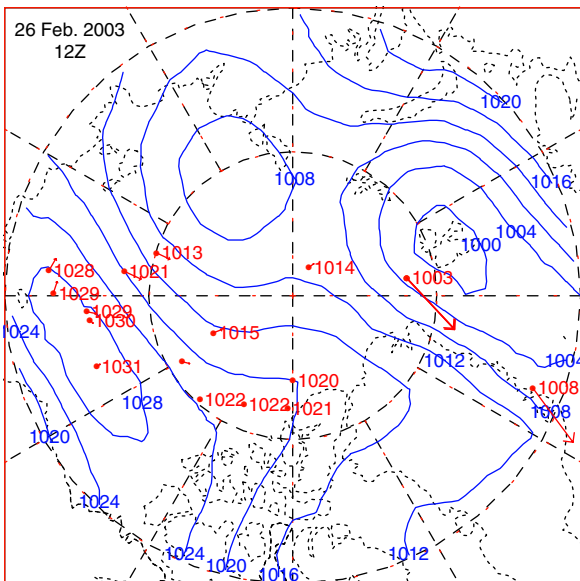
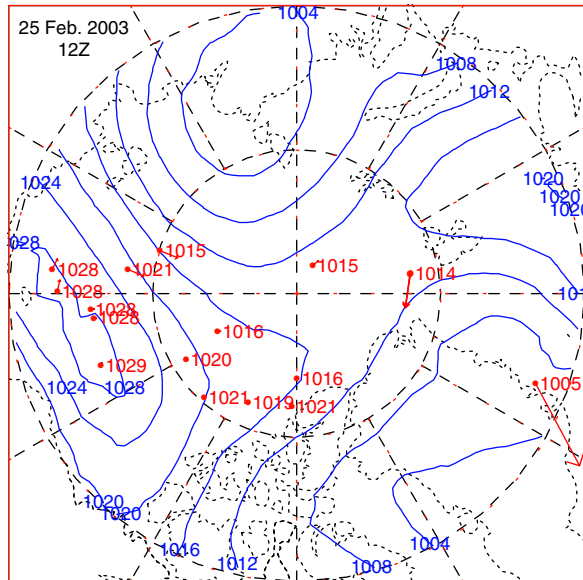
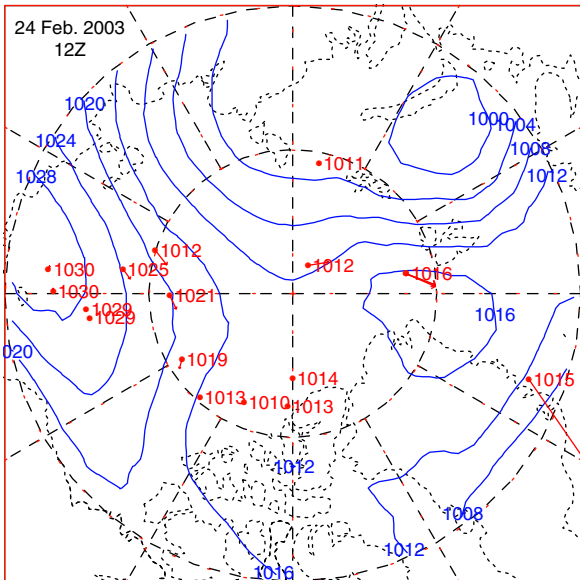




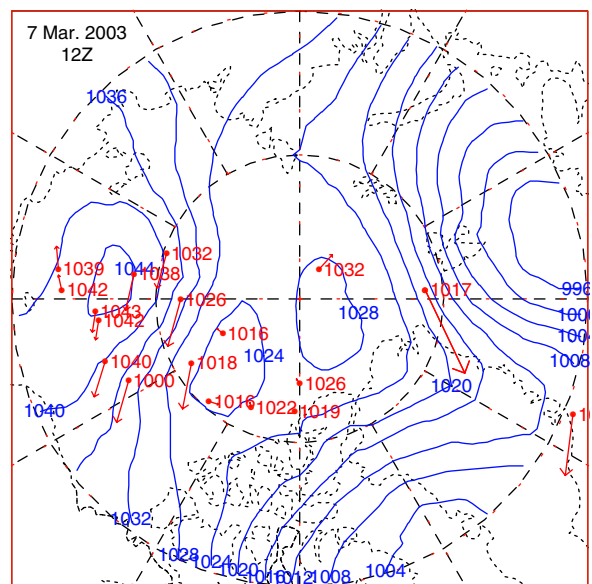
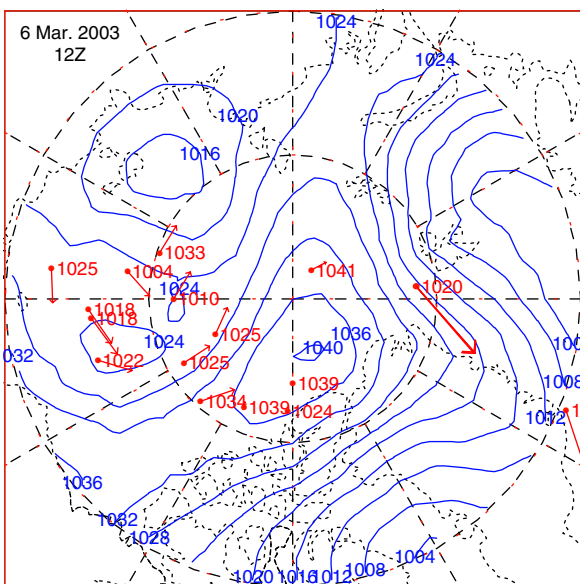
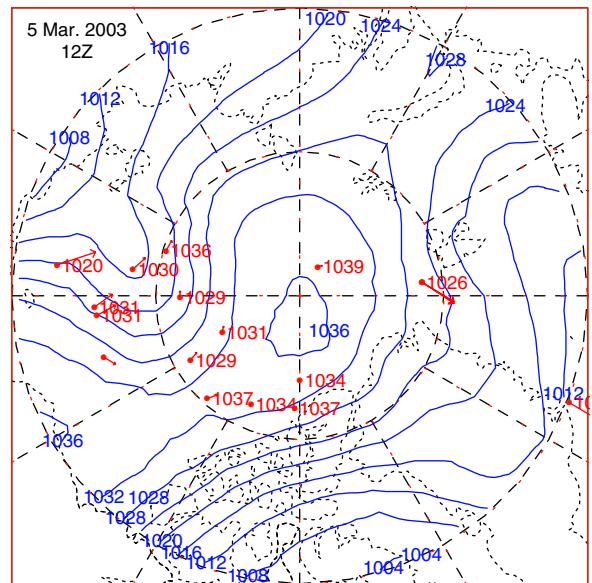
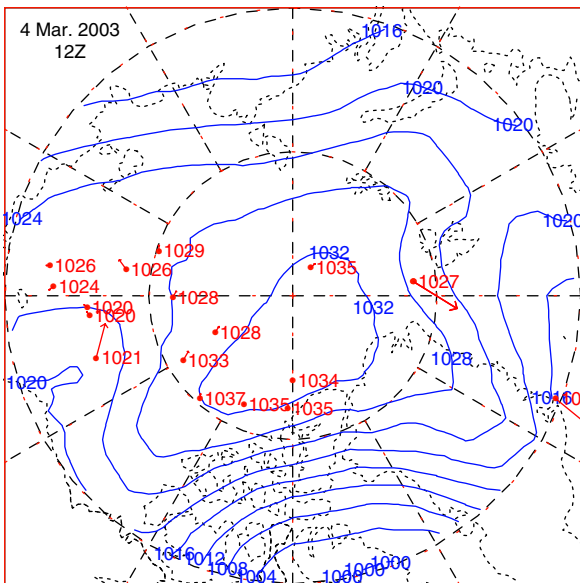
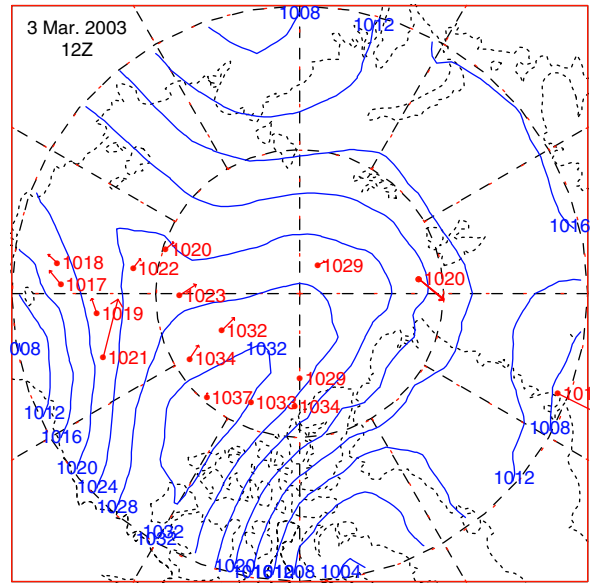
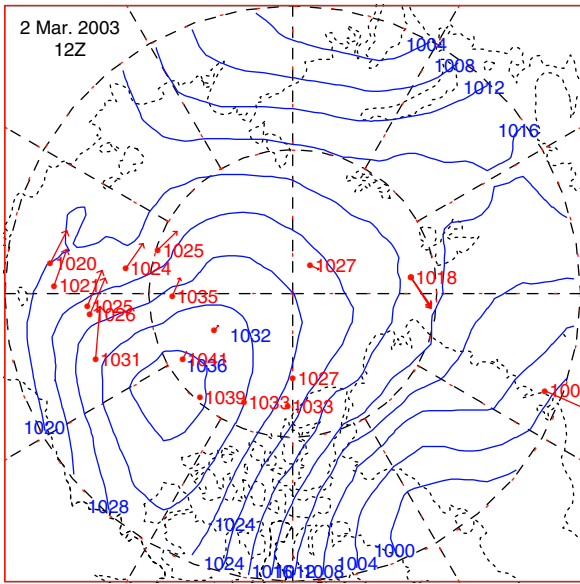
18 FEB 2003 - 23 FEB 2003



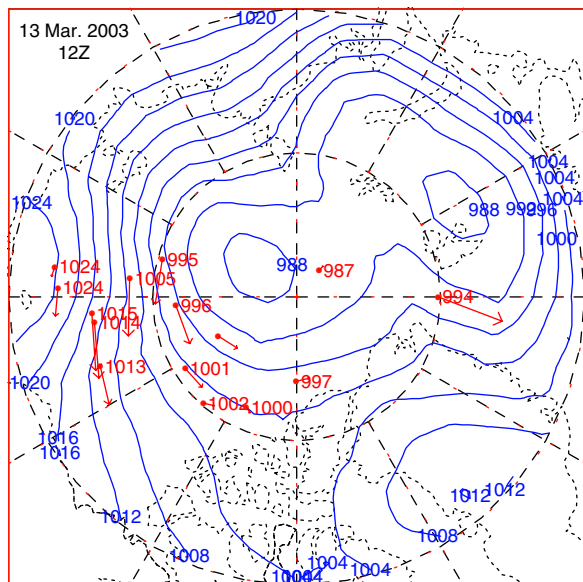
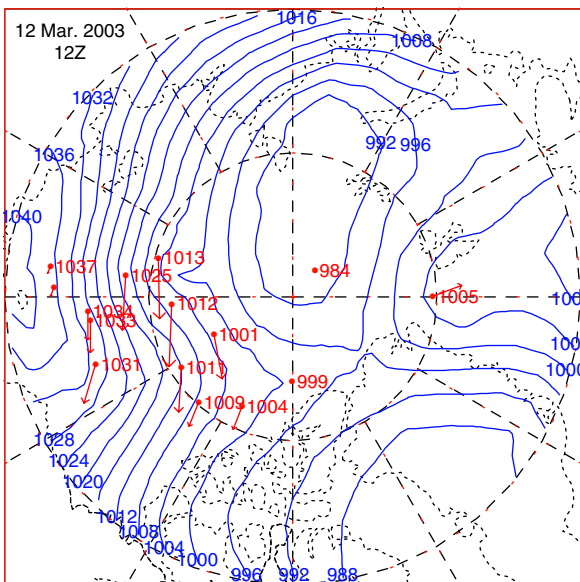
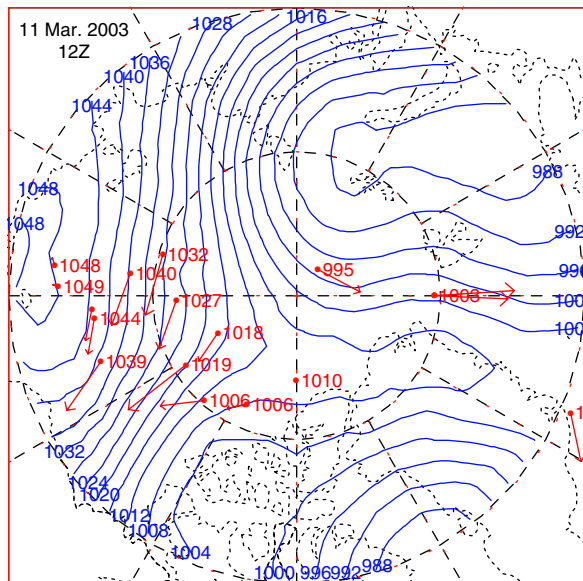
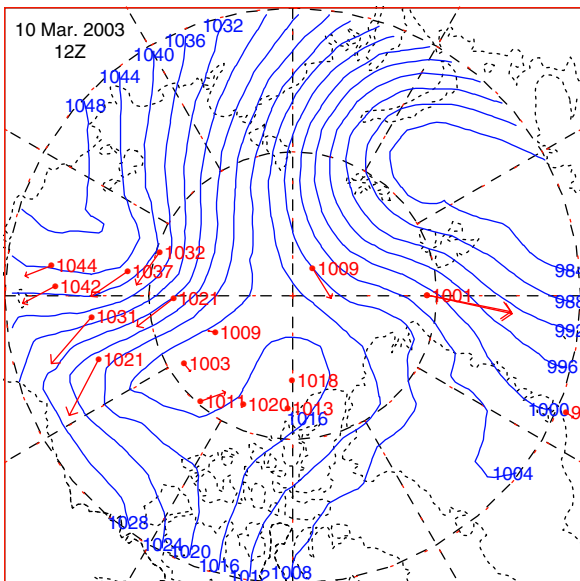
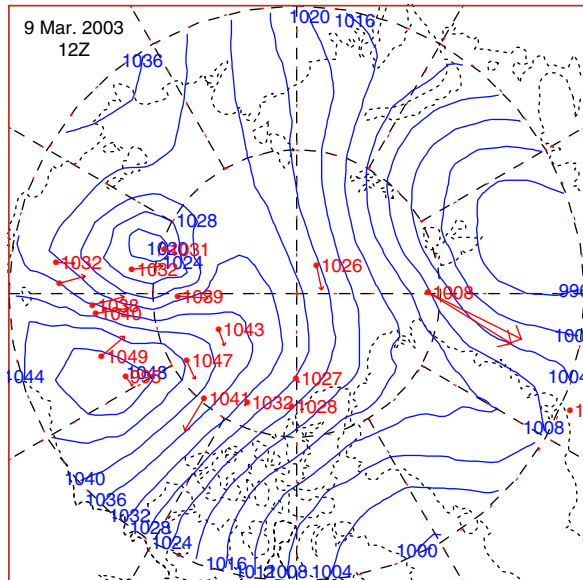
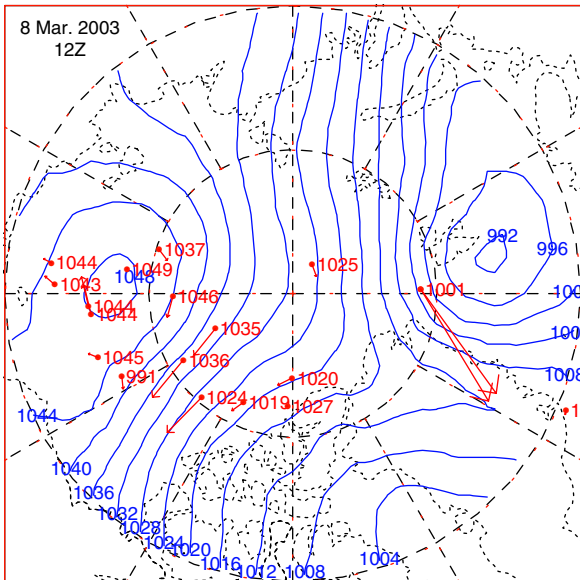
24 FEB 2003 - 1 MAR 2003



2 MAR 2003 - 7 MAR 2003

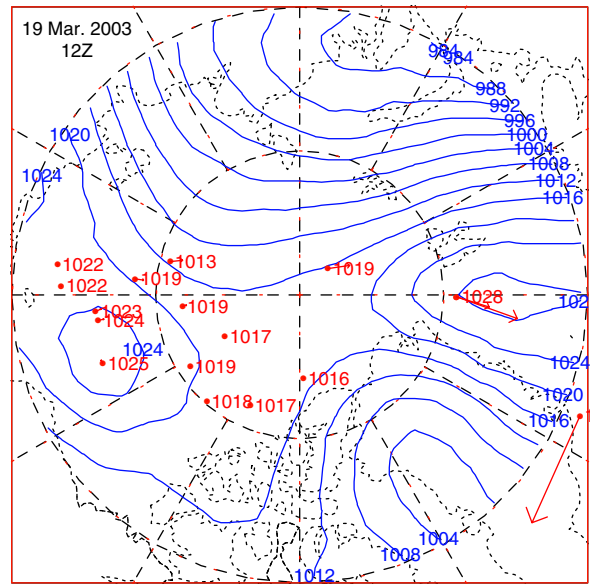
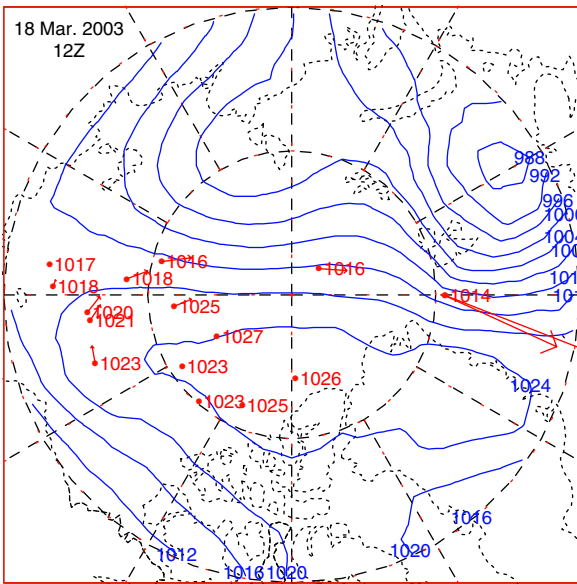
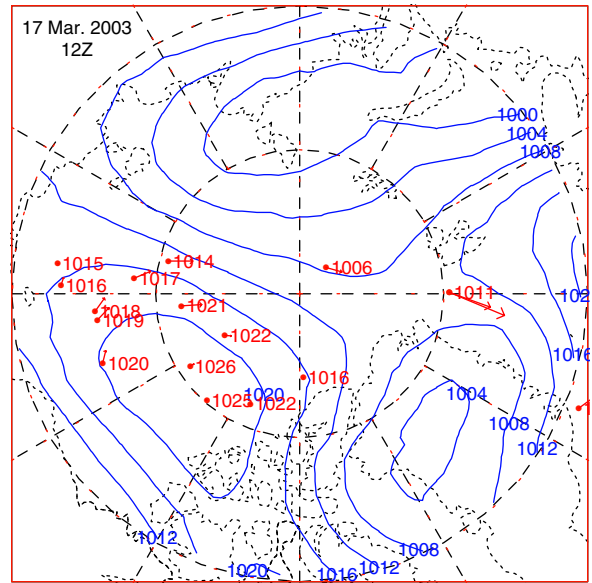
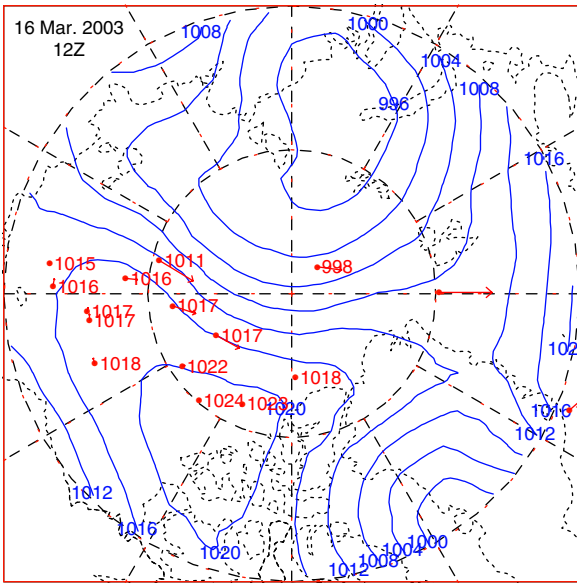
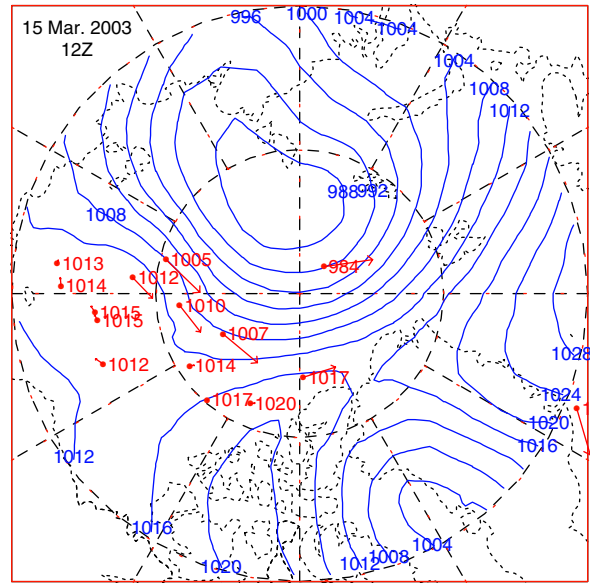
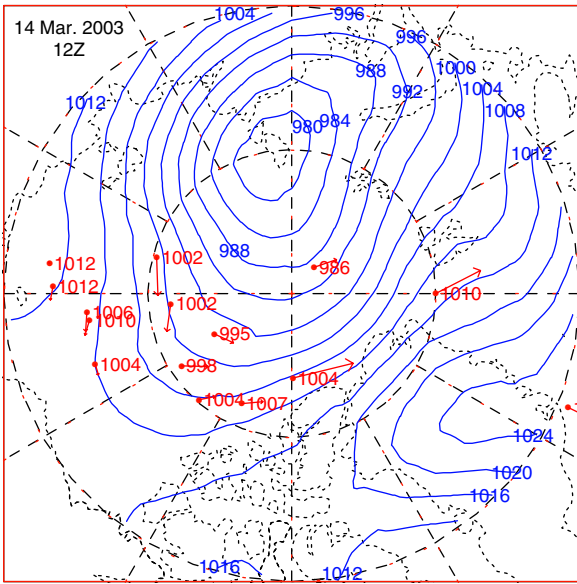


8 MAR 2003 - 13 MAR 2003

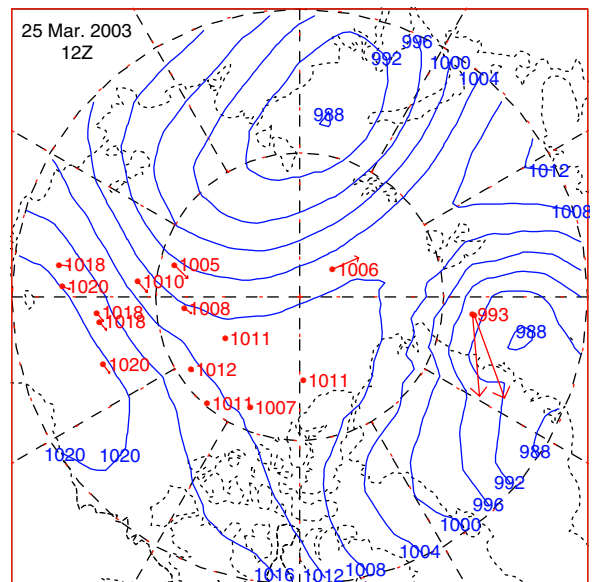
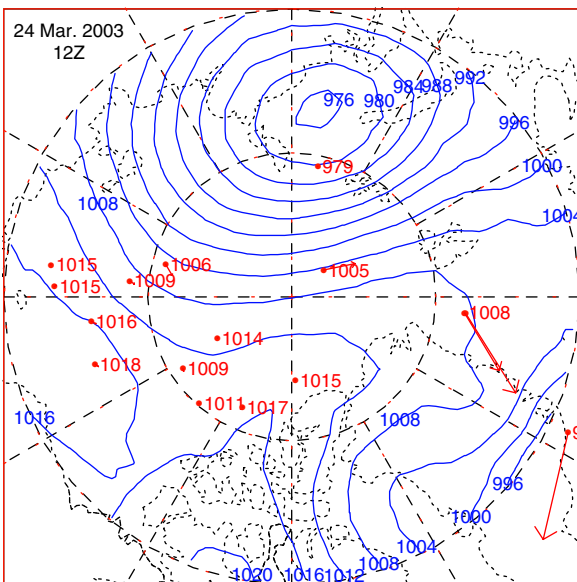
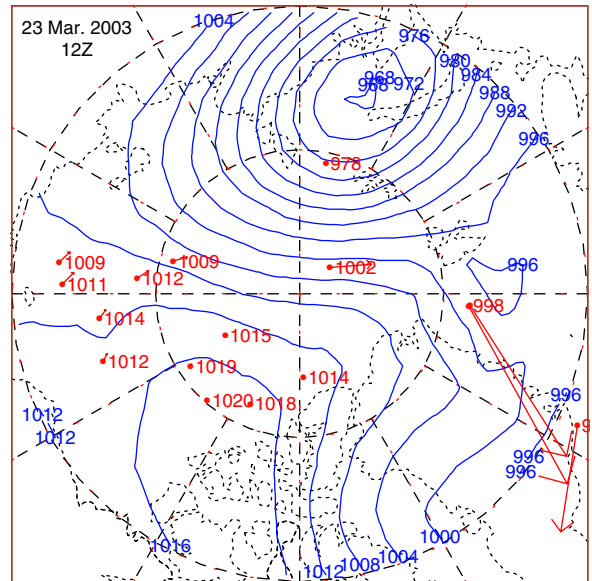
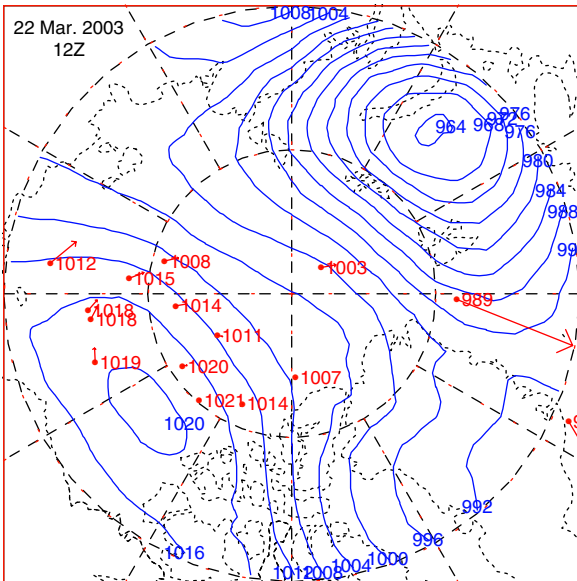
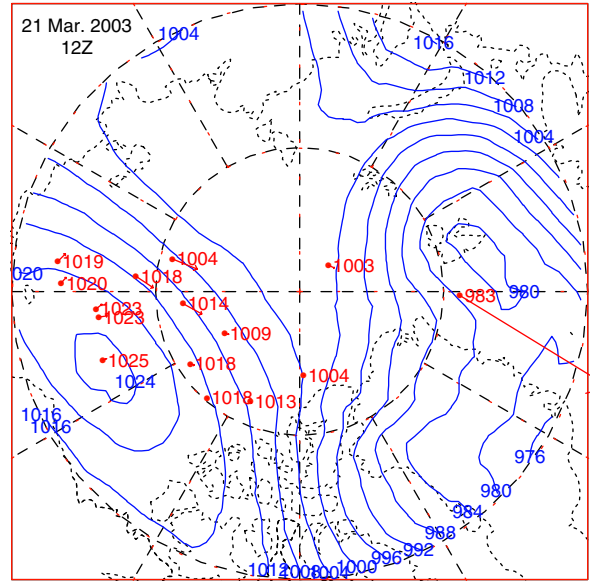
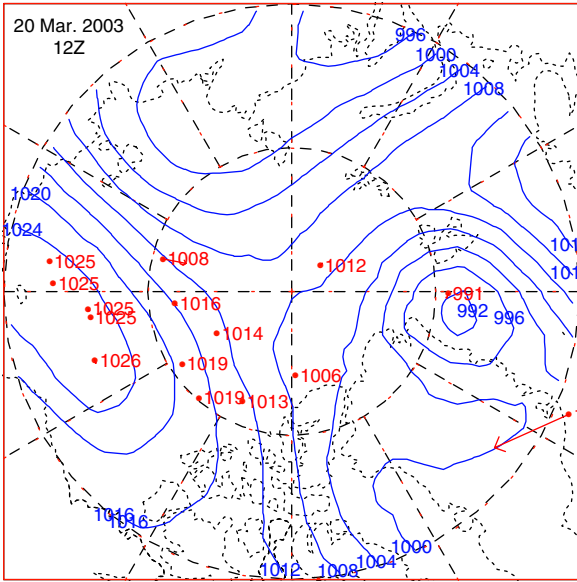




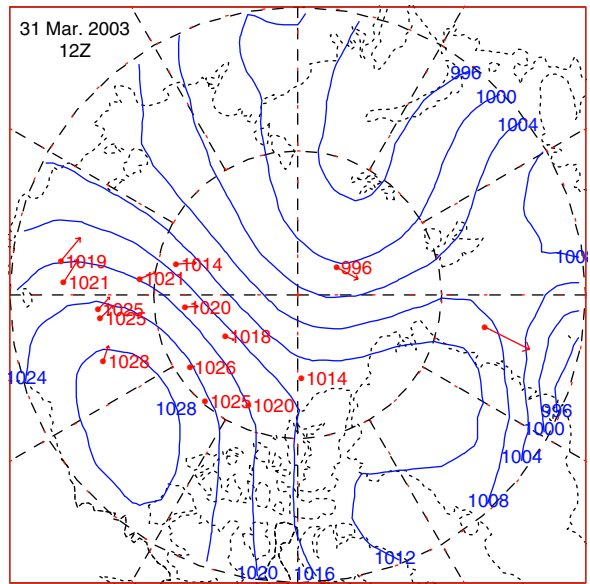
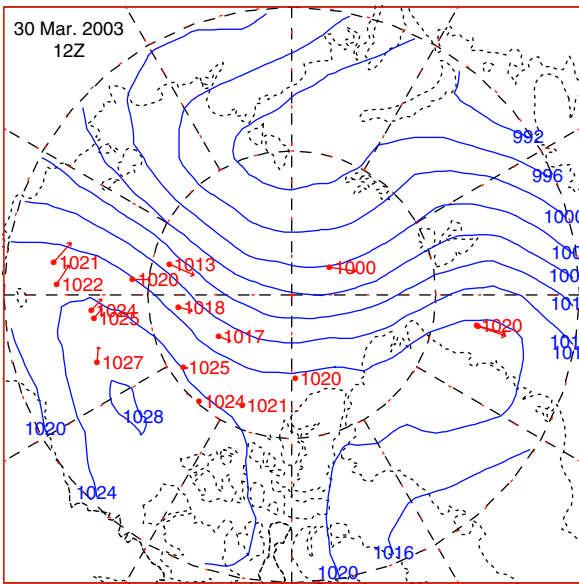
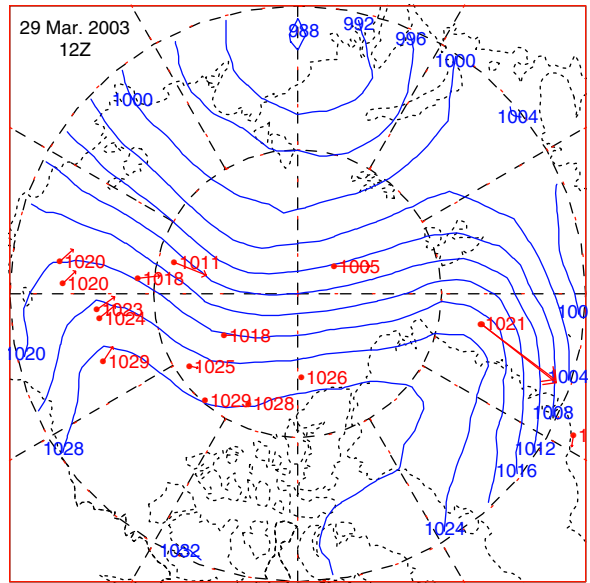
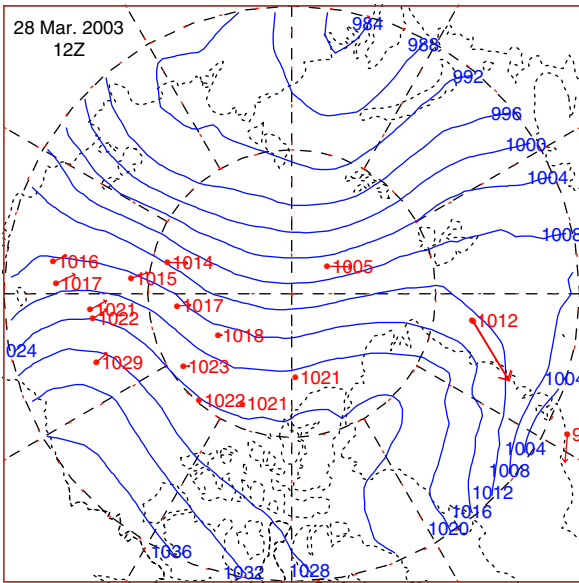
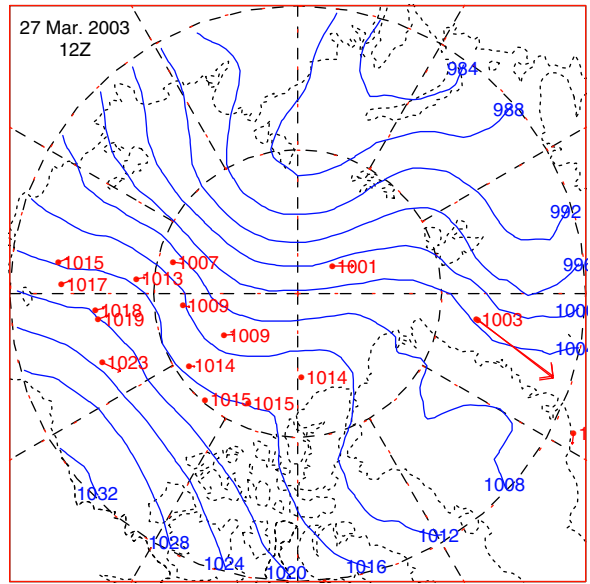
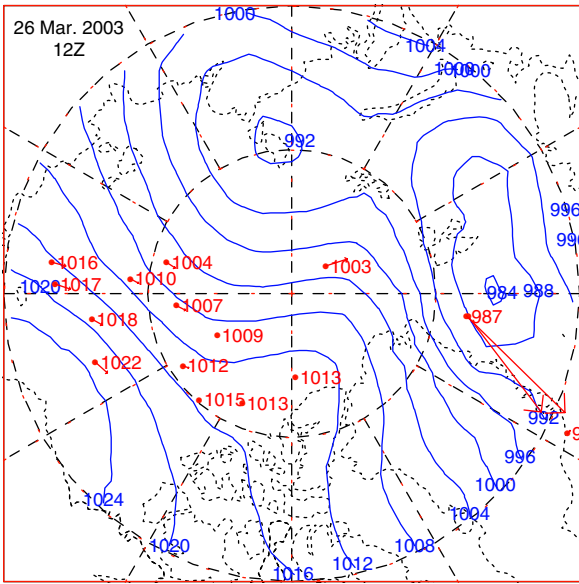
14 MAR 2003 - 19 MAR 2003



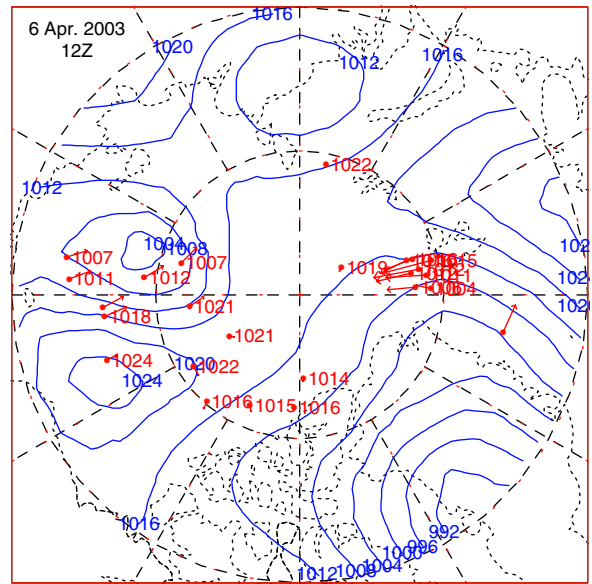
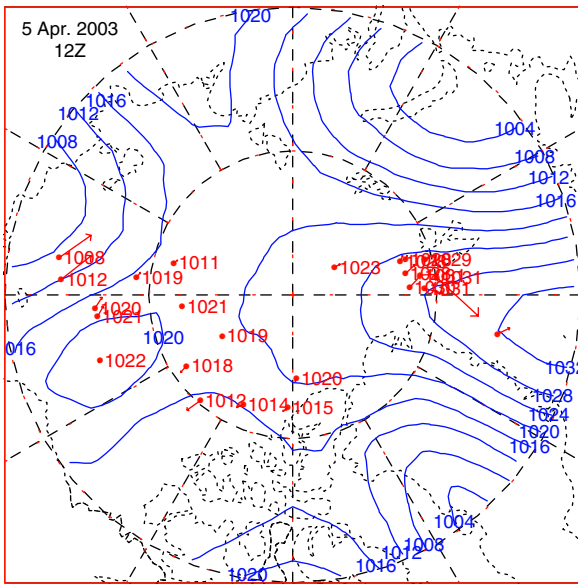
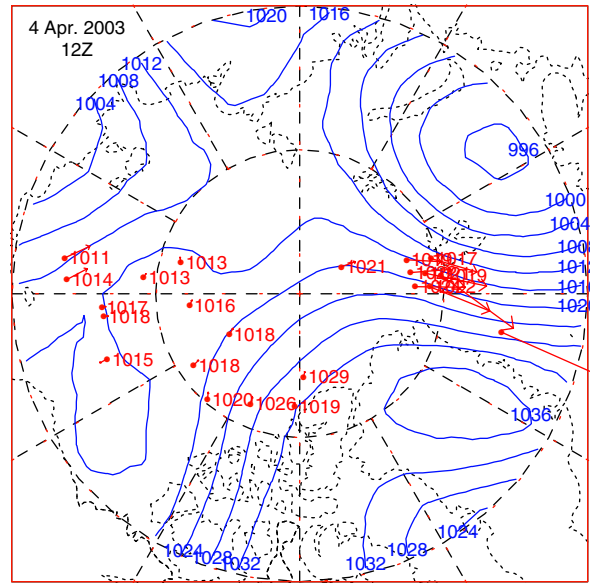
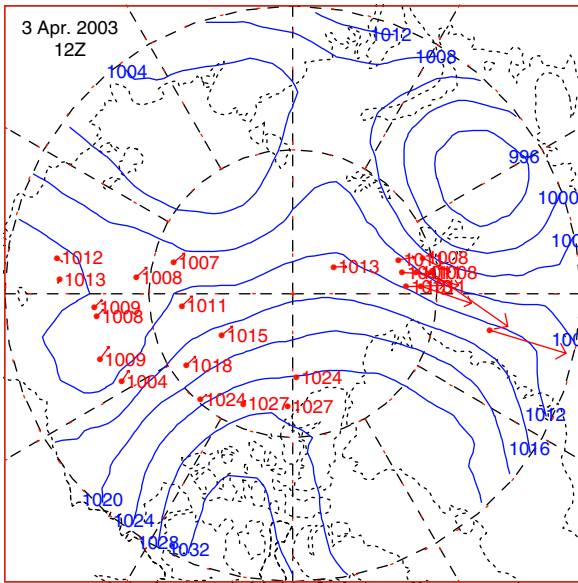
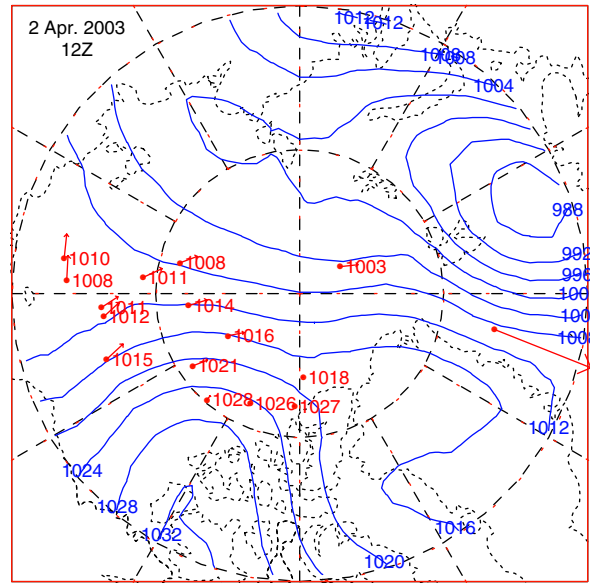
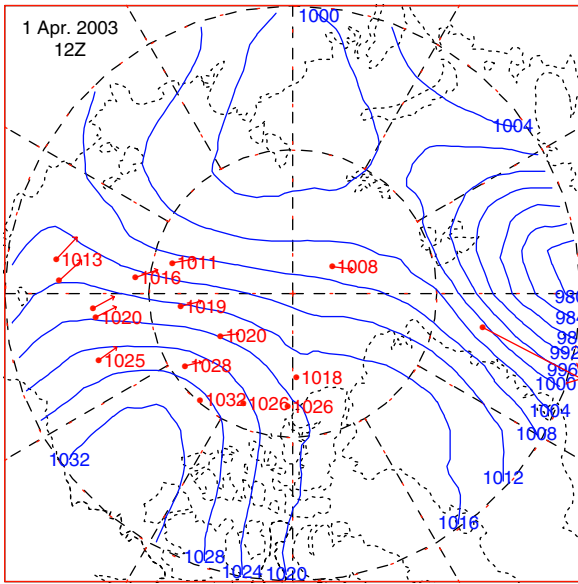
20 MAR 2003 - 25 MAR 2003



26 MAR 2003 - 31 MAR 2003

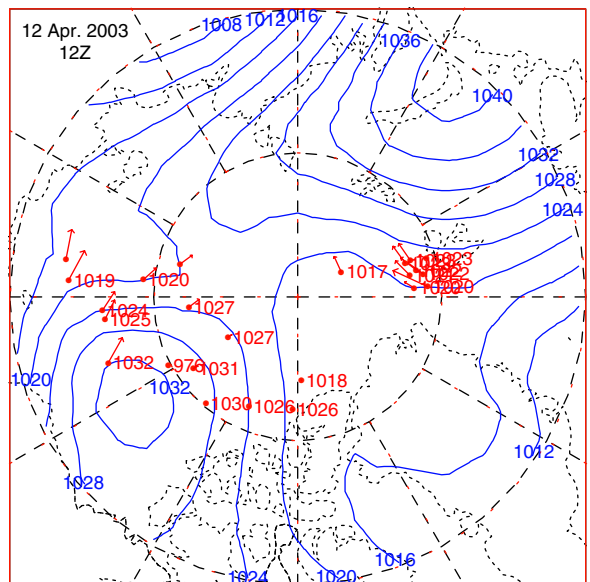
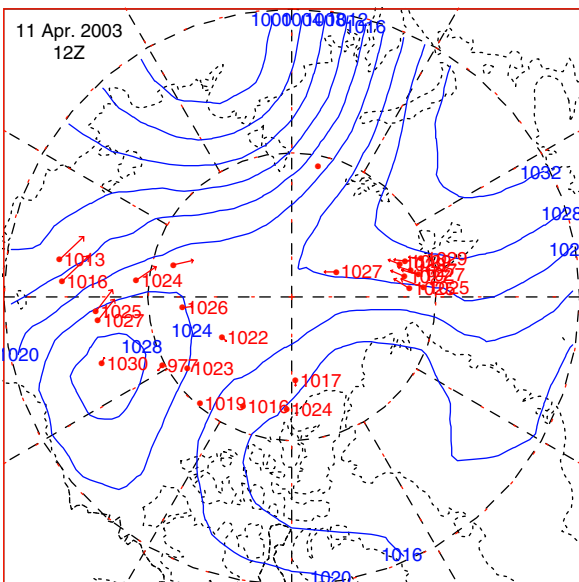
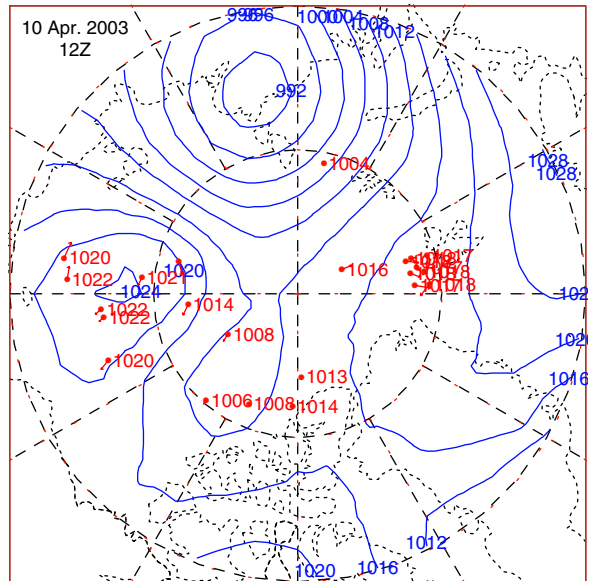
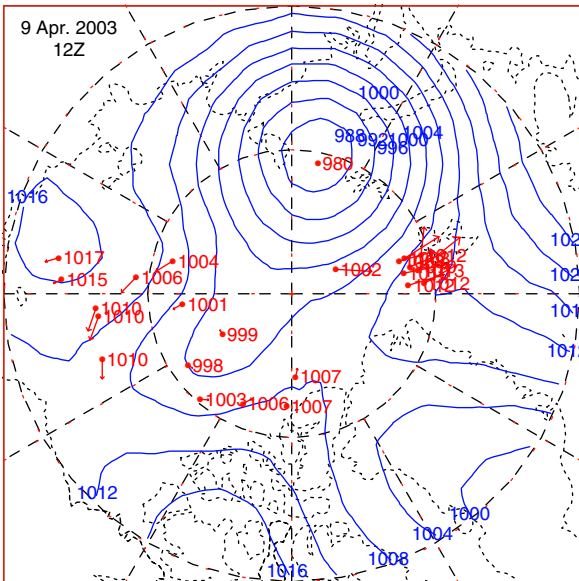
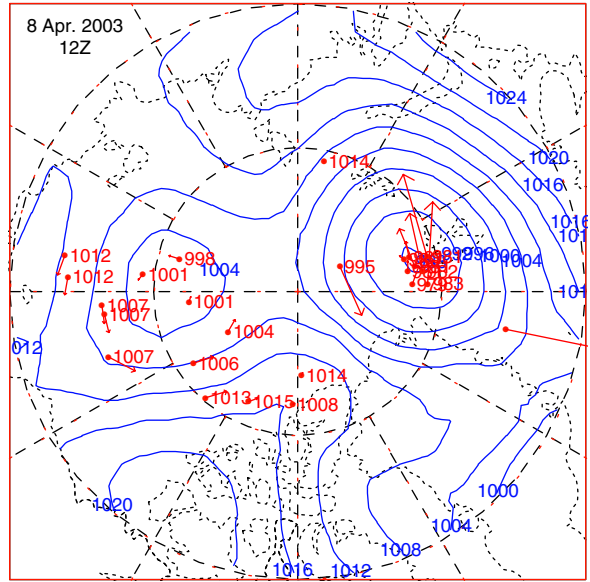
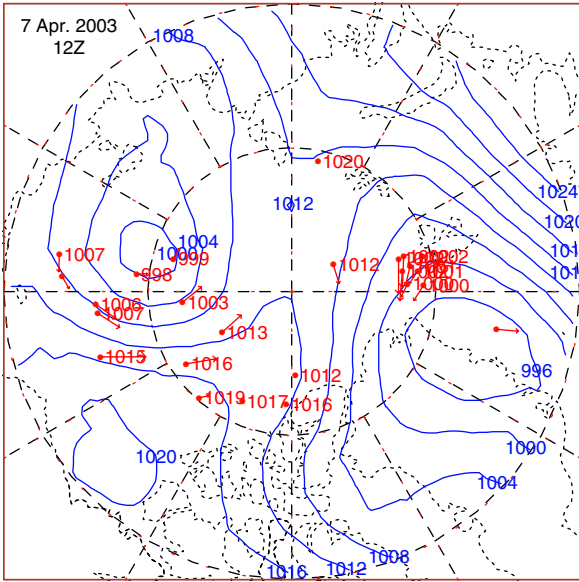


# 1 APR 2003 - 6 APR 2003

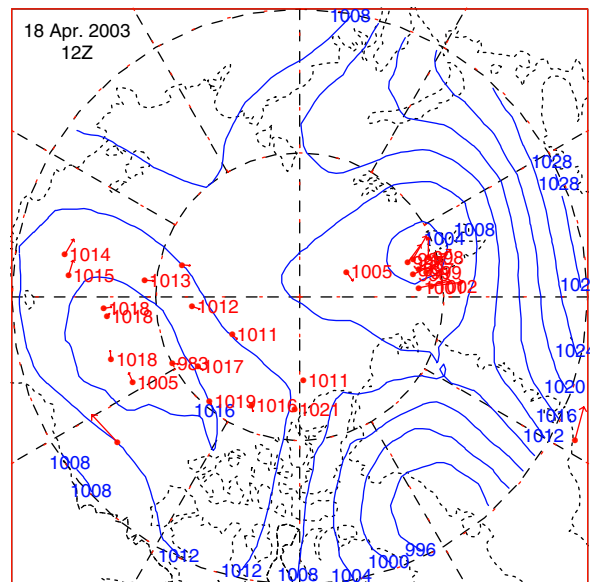
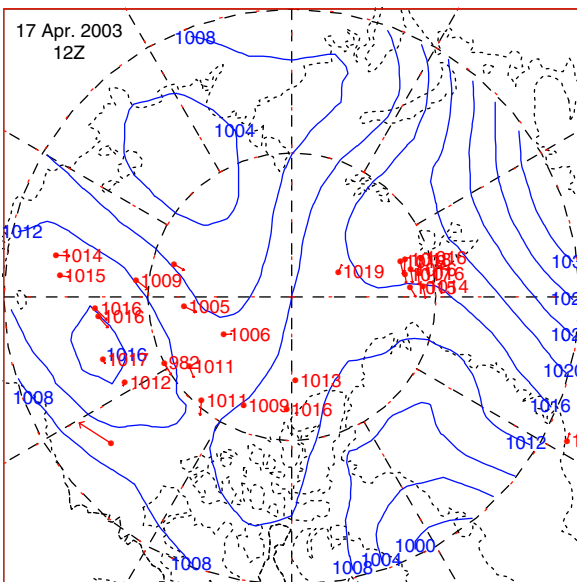
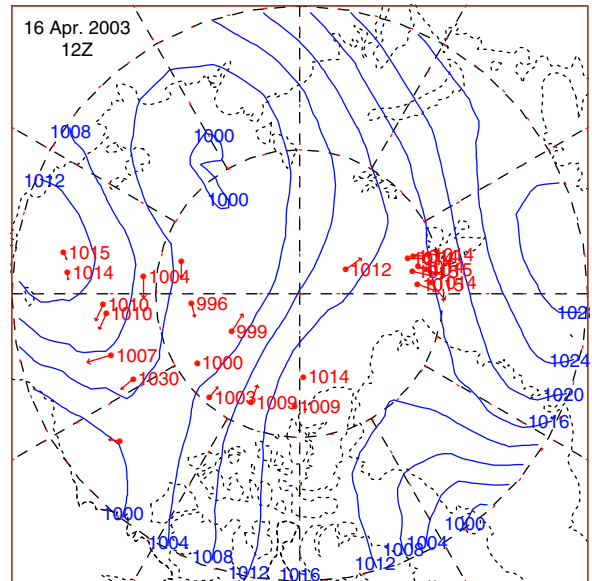
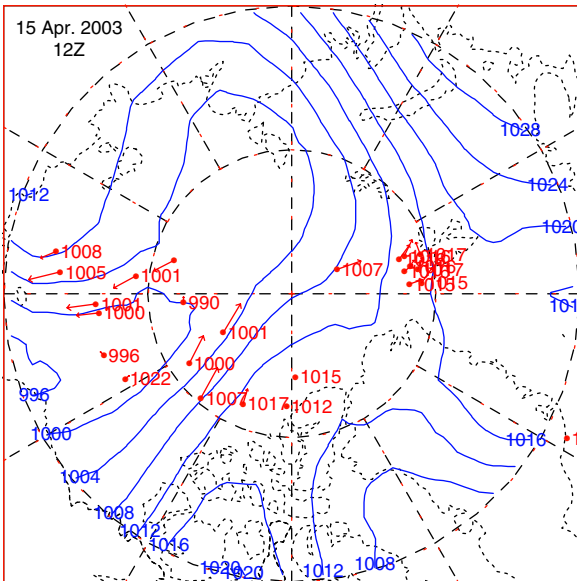
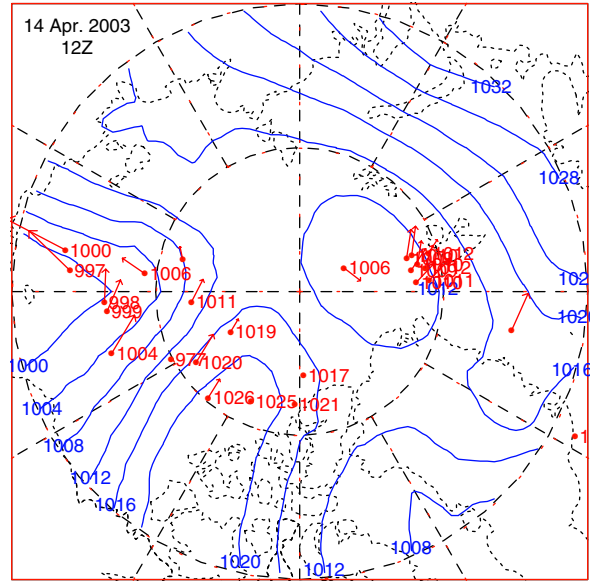
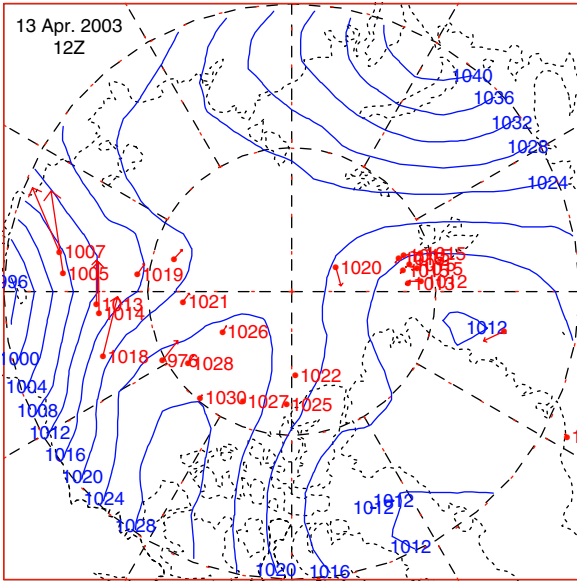




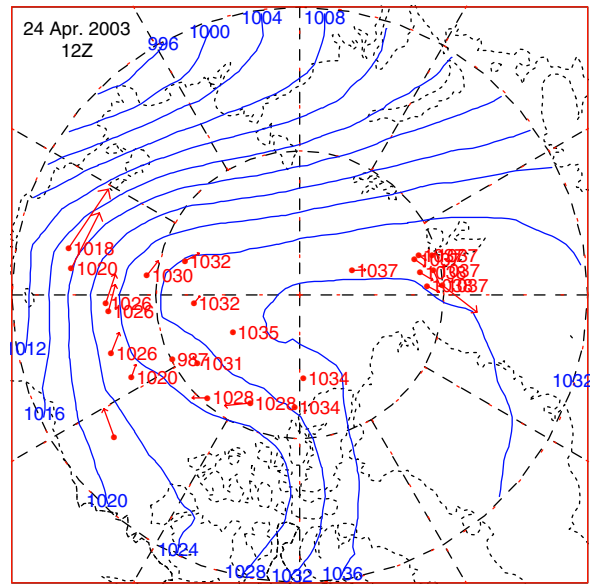
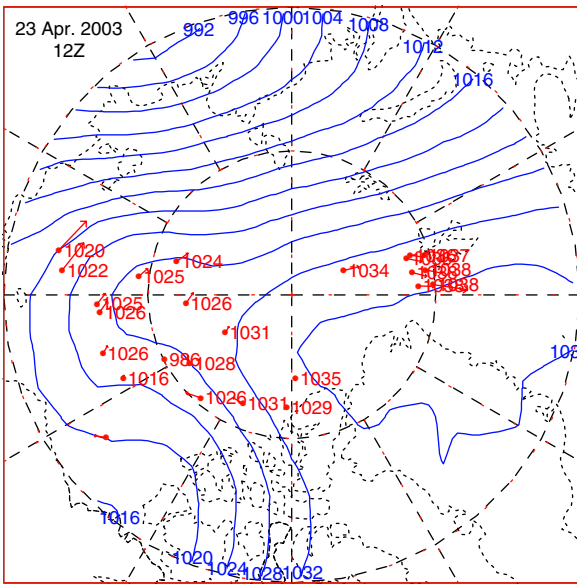
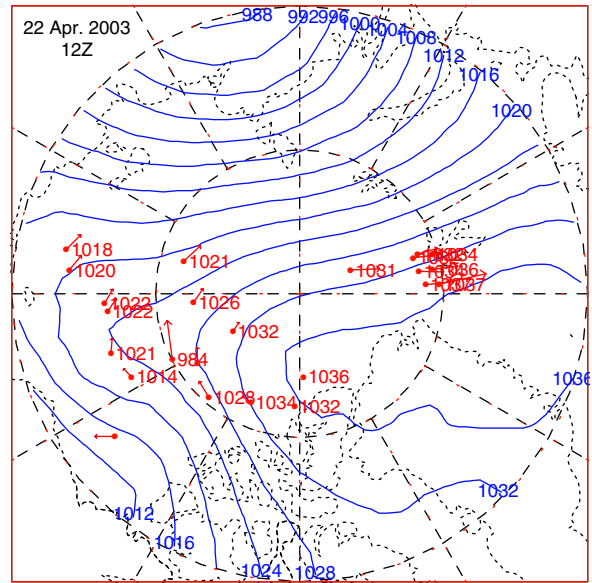
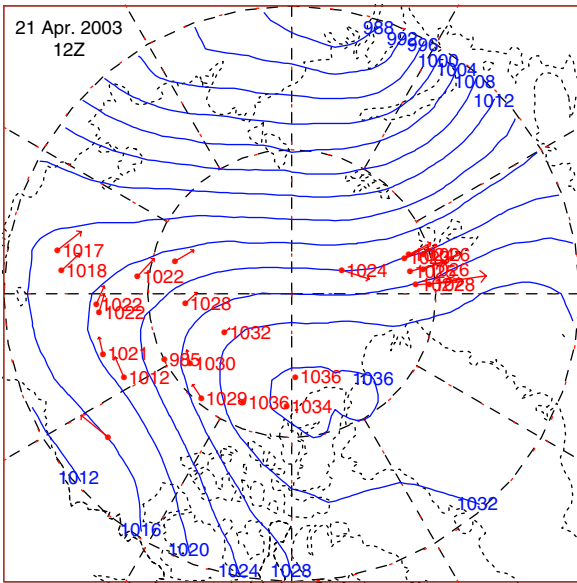
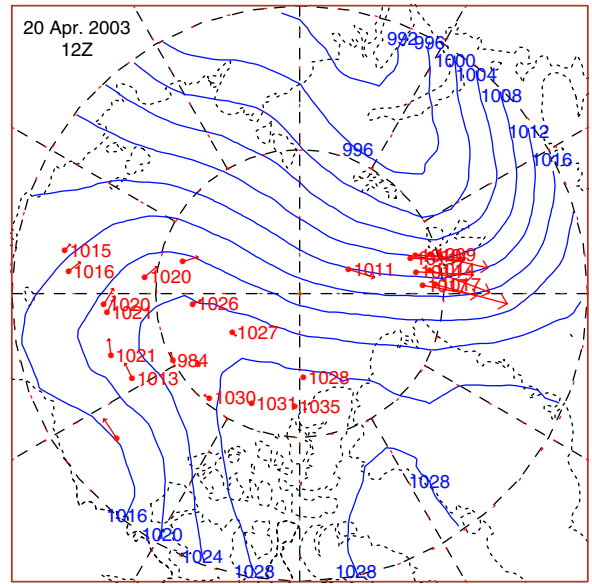
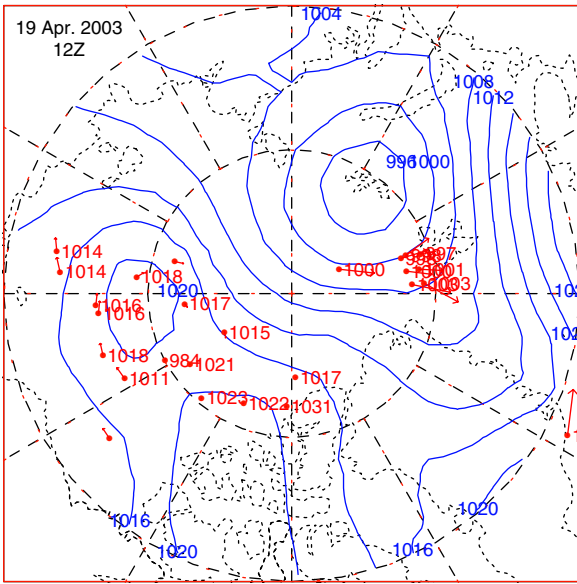
7 APR 2003 - 12 APR 2003



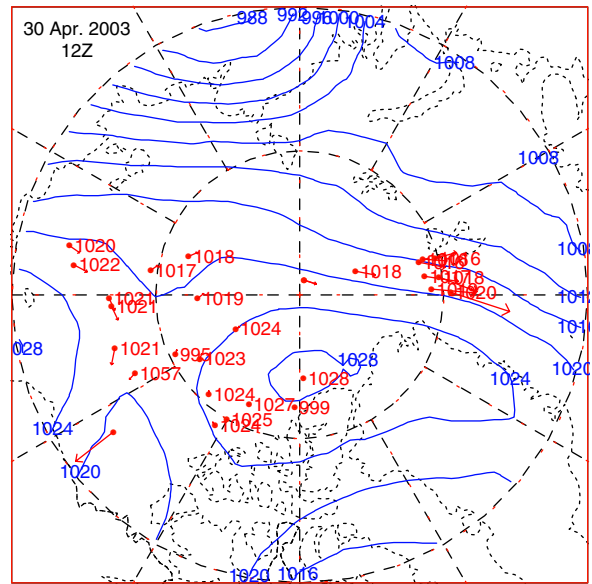
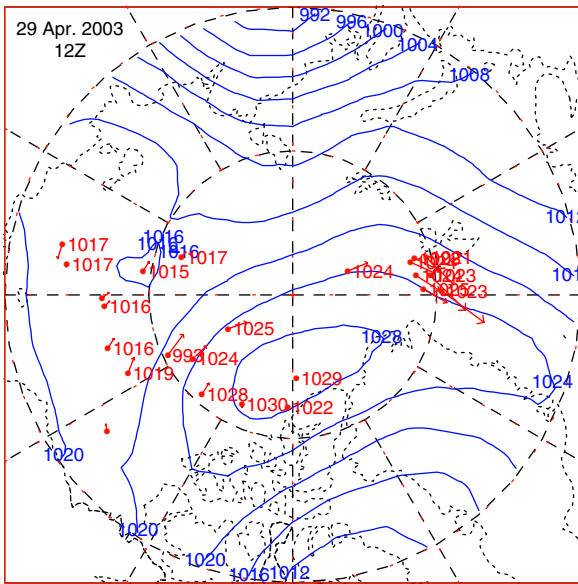
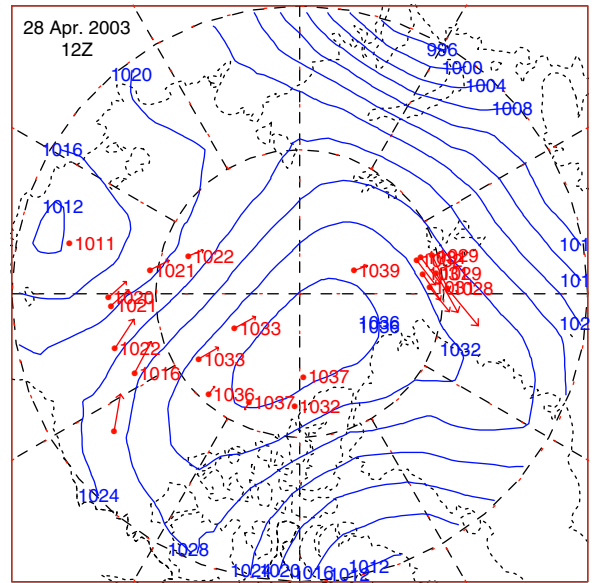
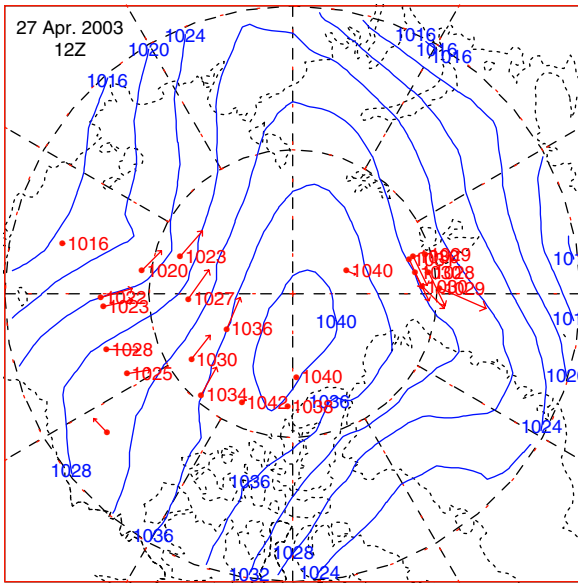
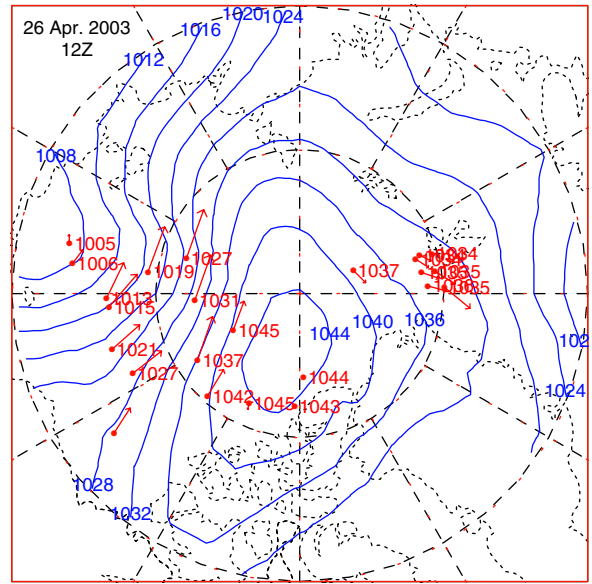
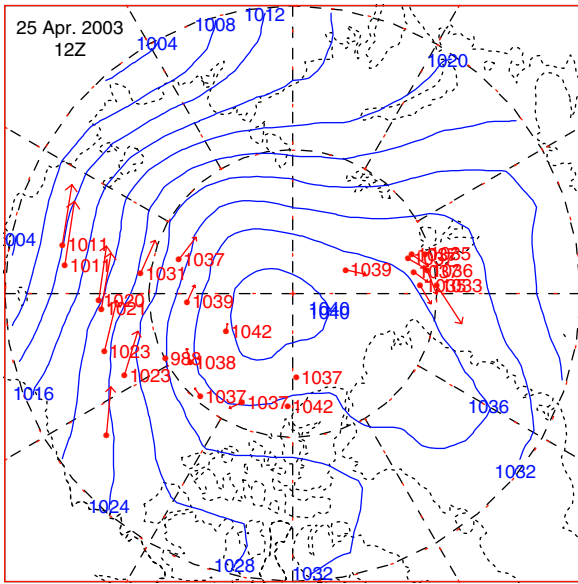
13 APR 2003 - 18 APR 2003



19 APR 2003 - 24 APR 2003

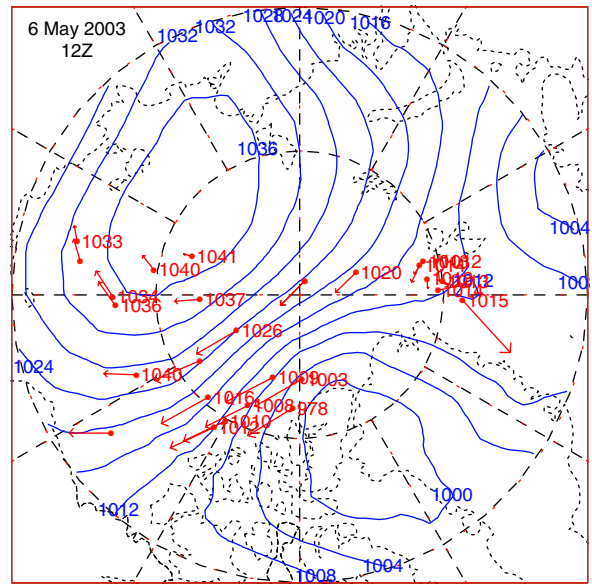
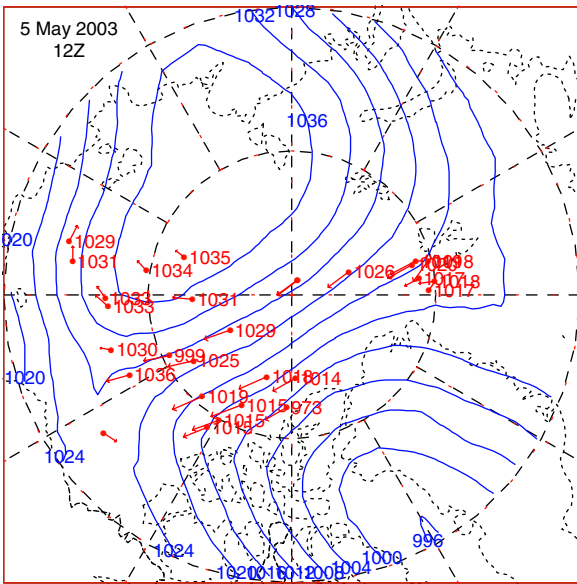
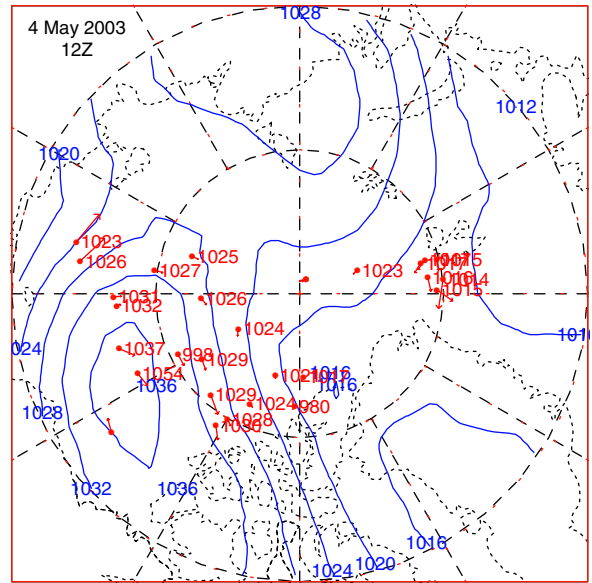
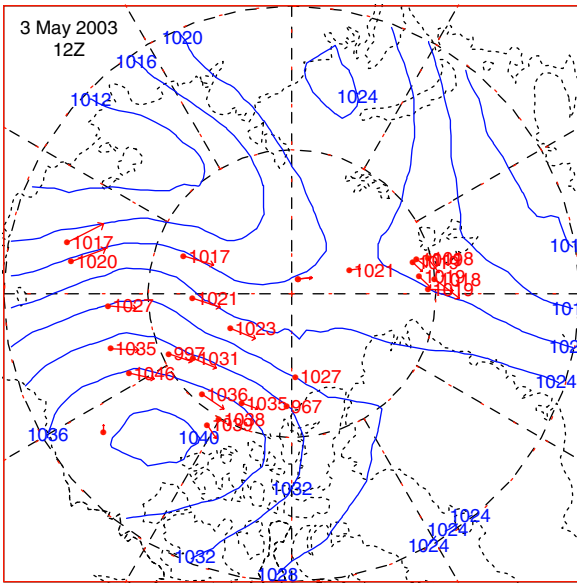
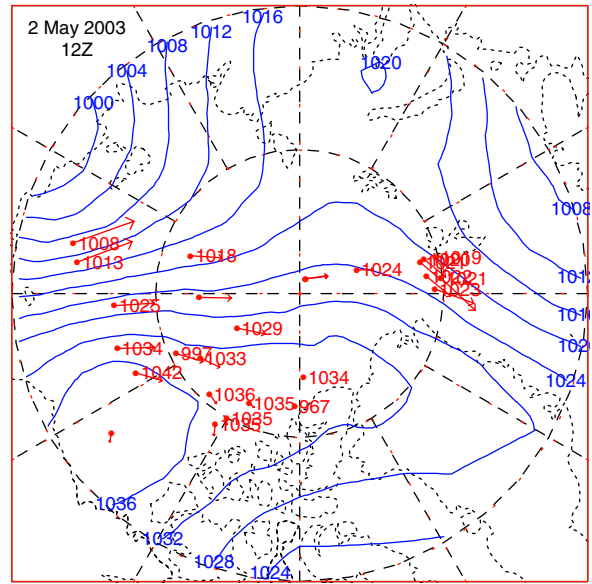
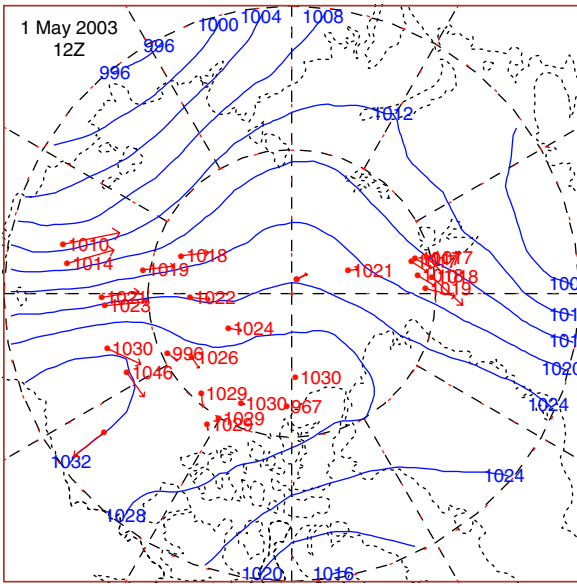


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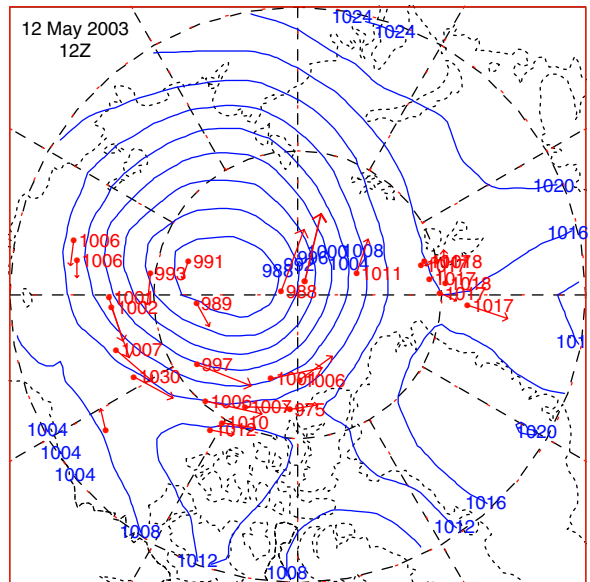
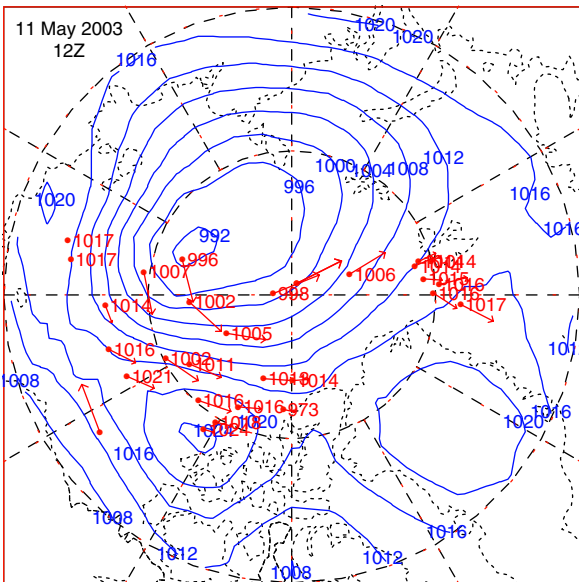
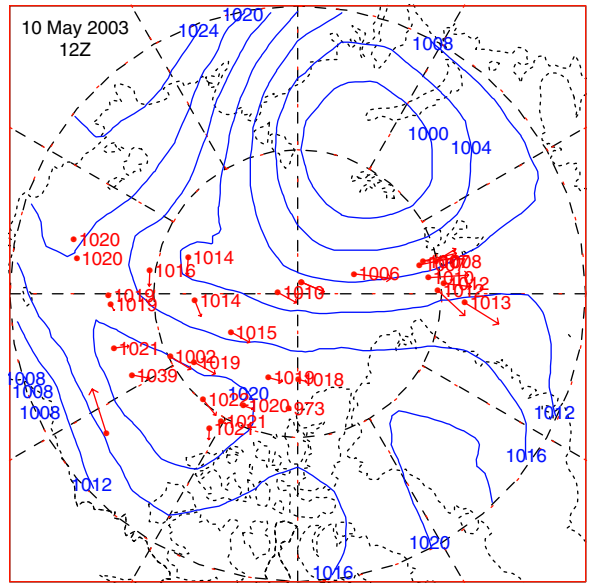
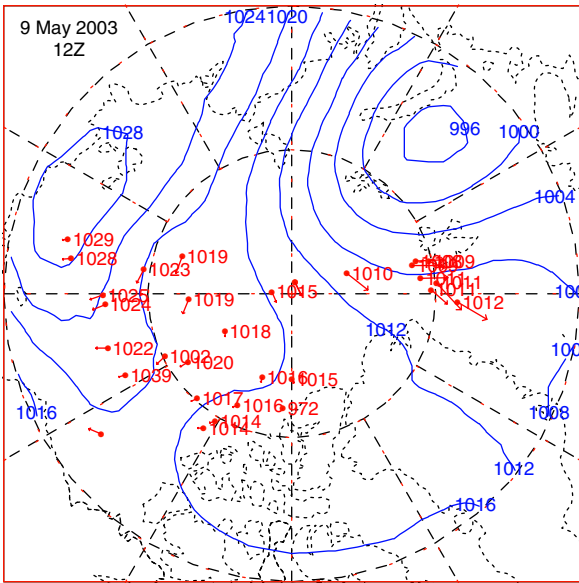
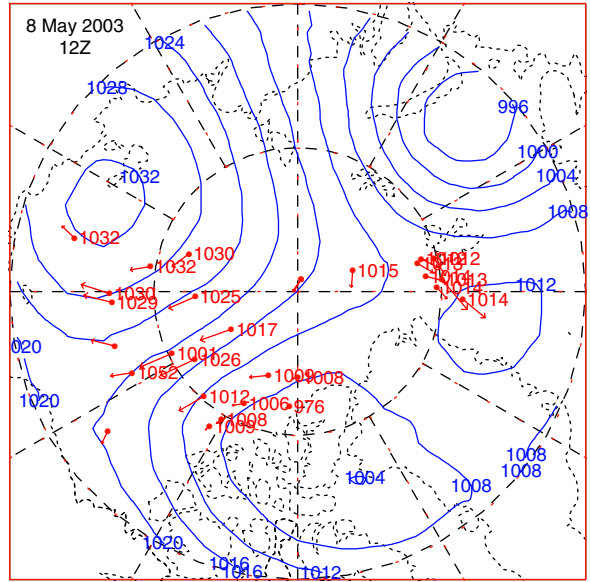
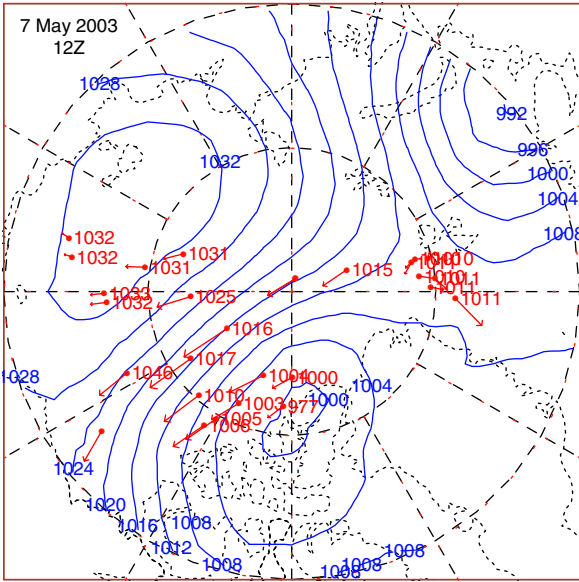




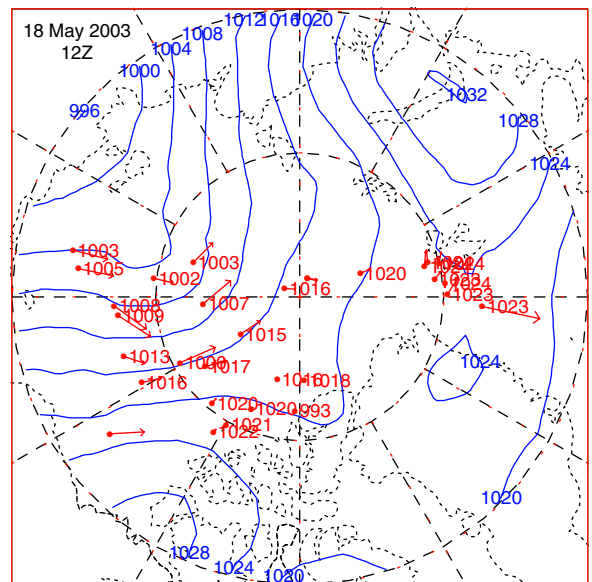
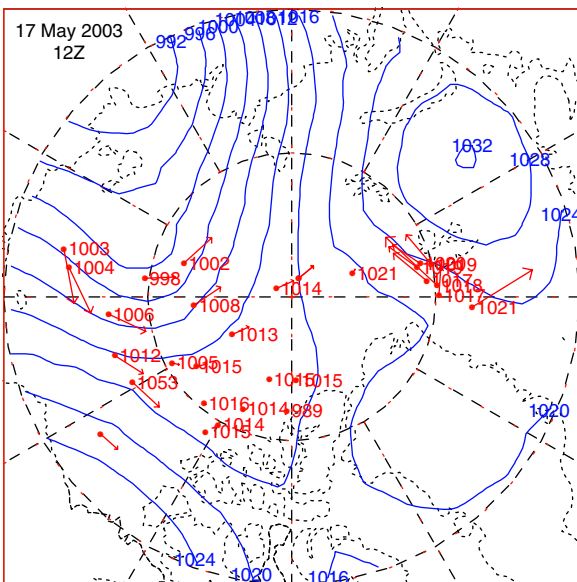
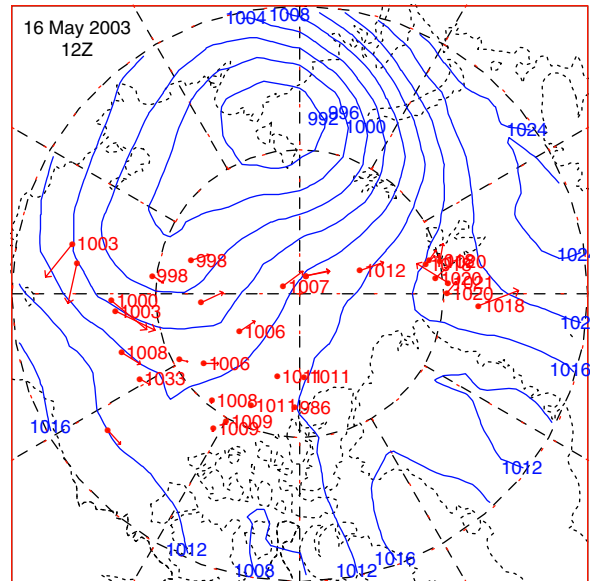
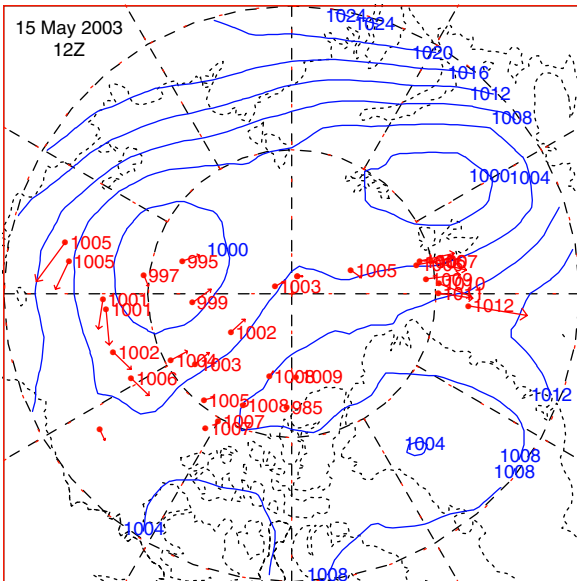
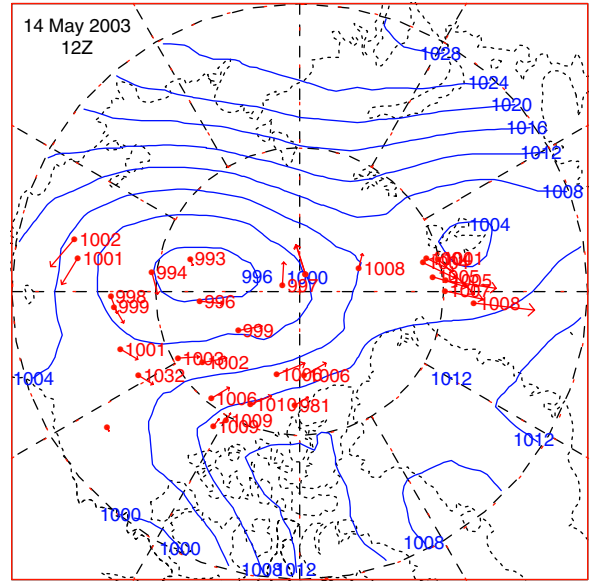
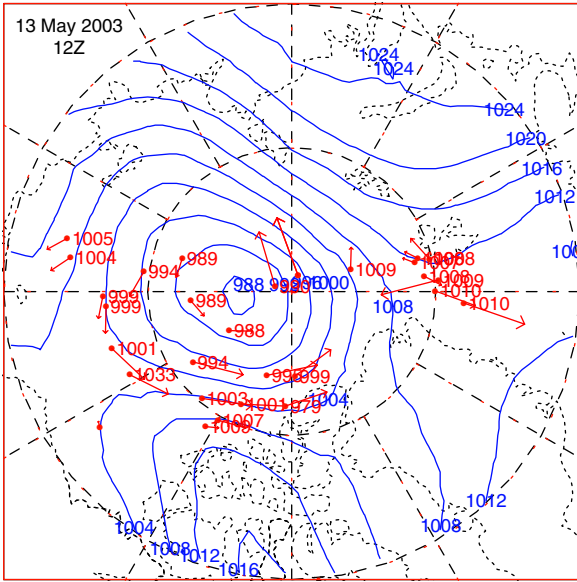
# 1 MAY 2003 - 6 MAY 2003



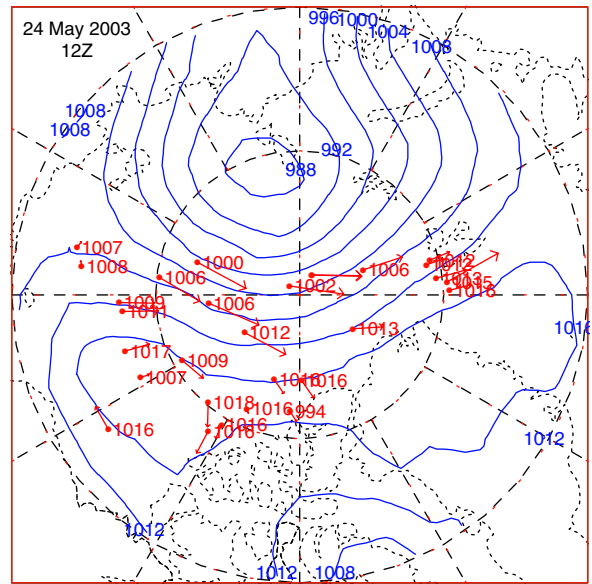
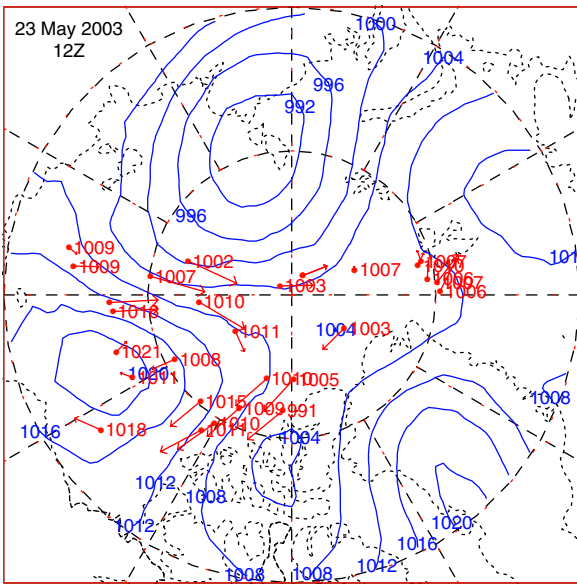
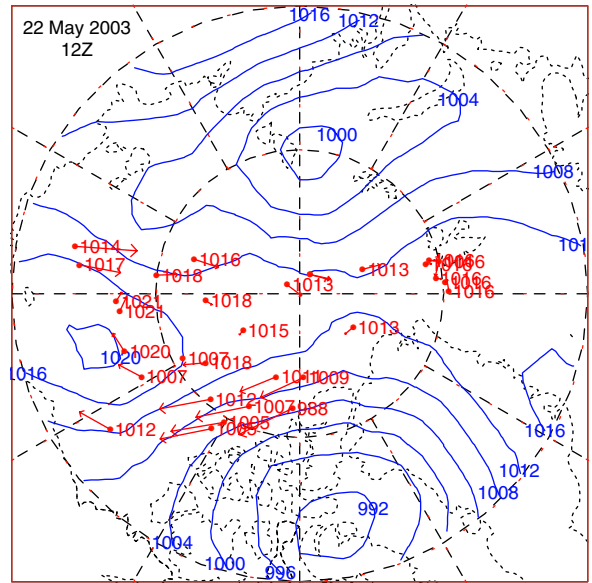
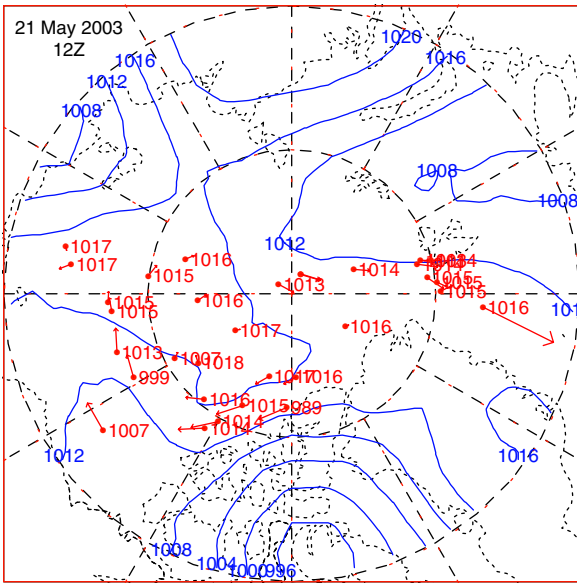
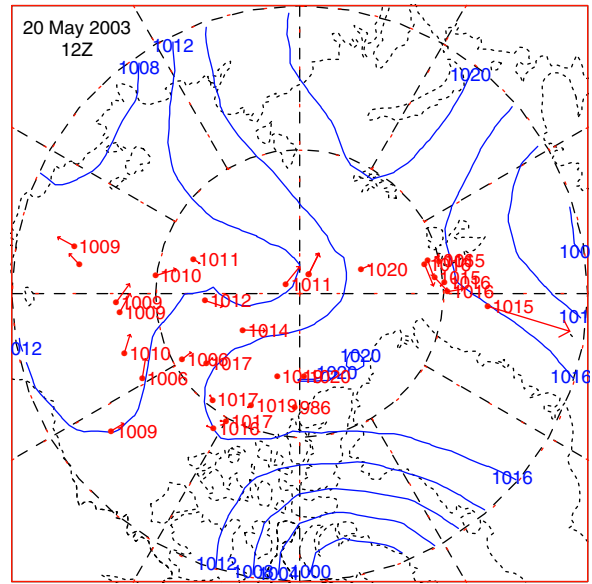
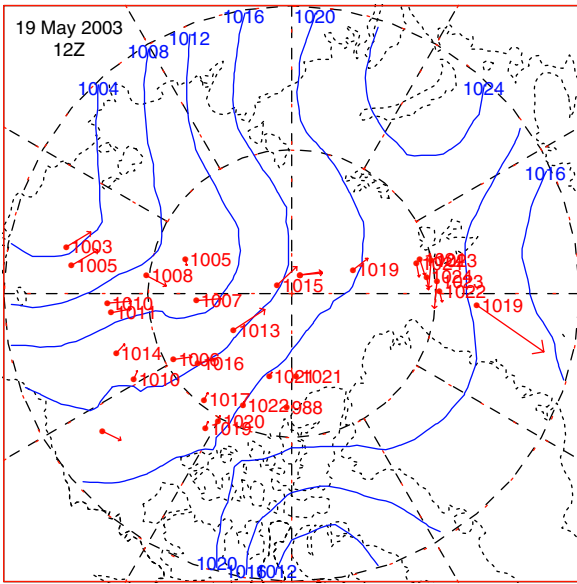
7 MAY 2003 - 12 MAY 2003



13 MAY 2003 - 18 MAY 2003

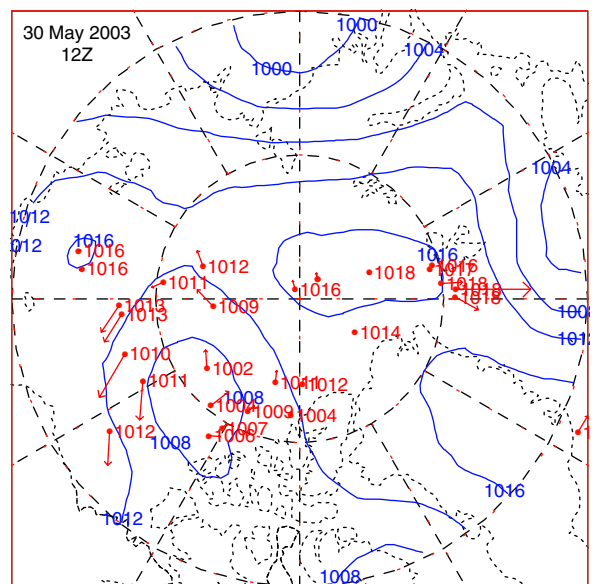
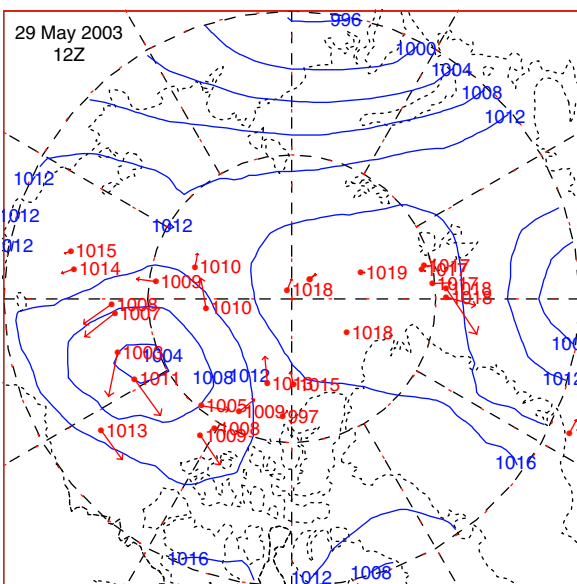
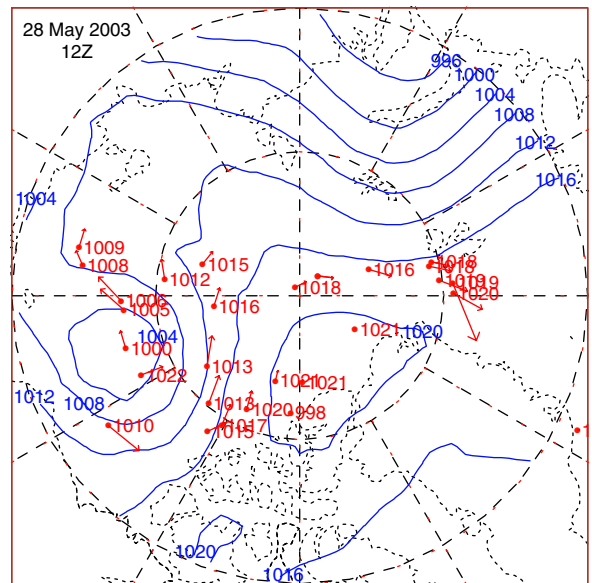
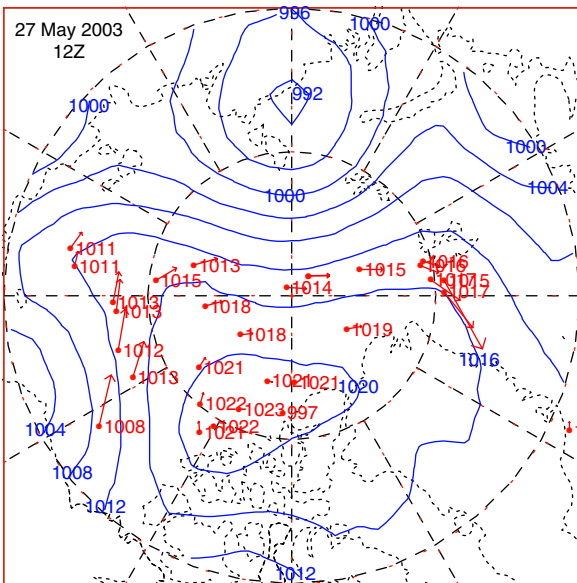
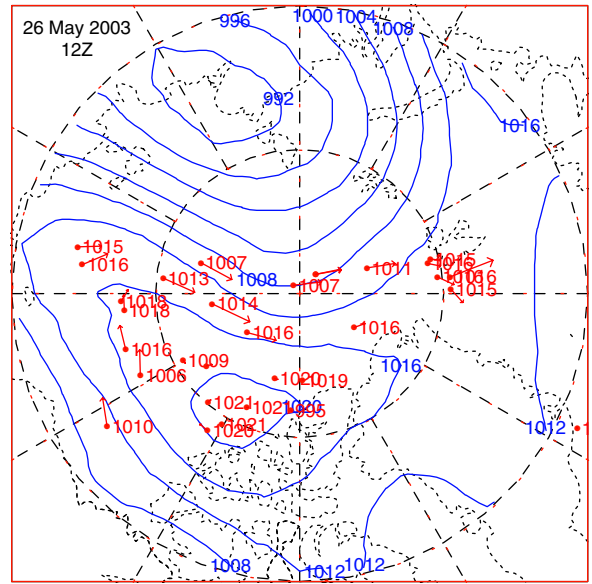
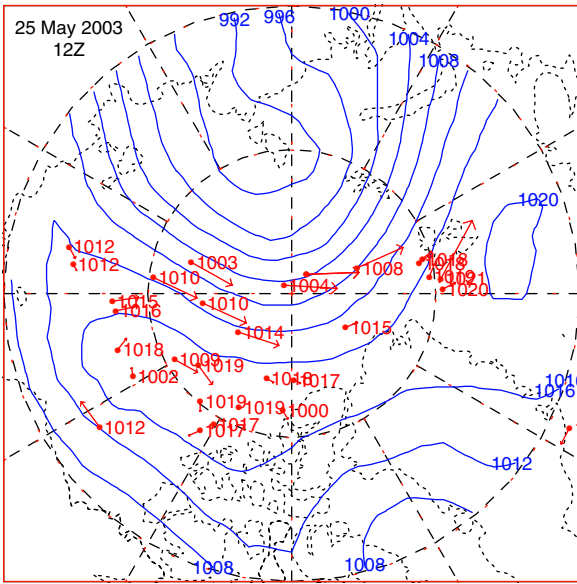


19 MAY 2003 - 24 MAY 2003

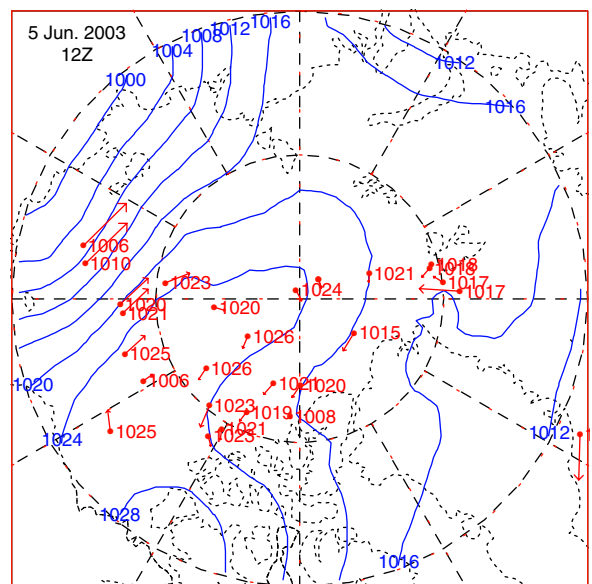
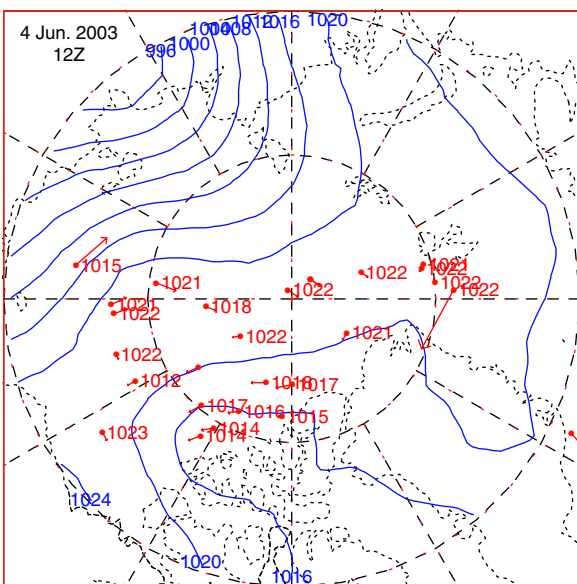
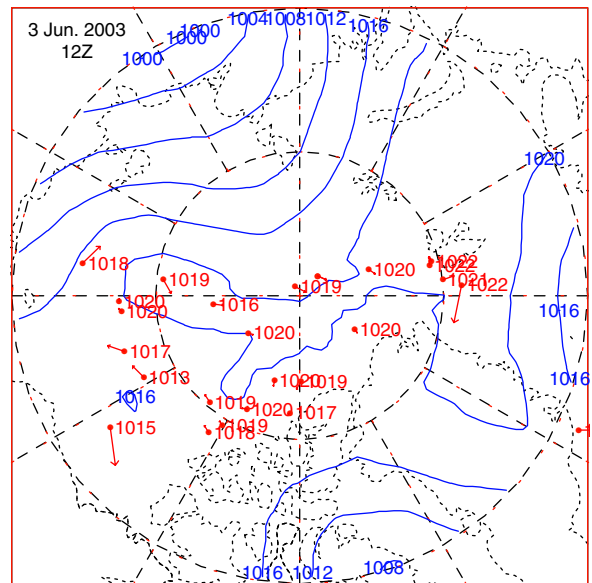
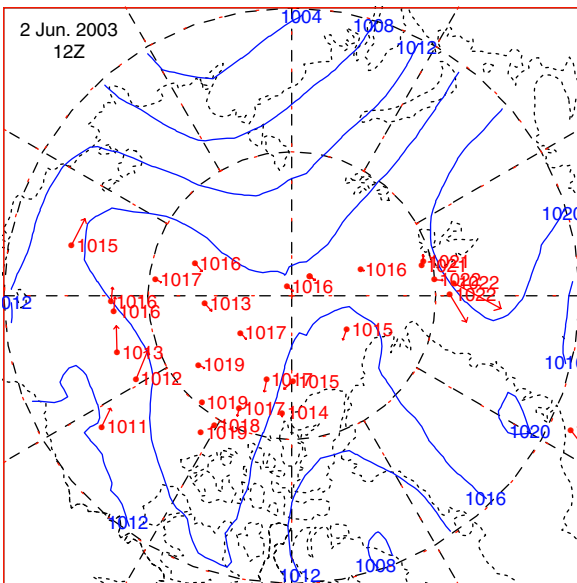
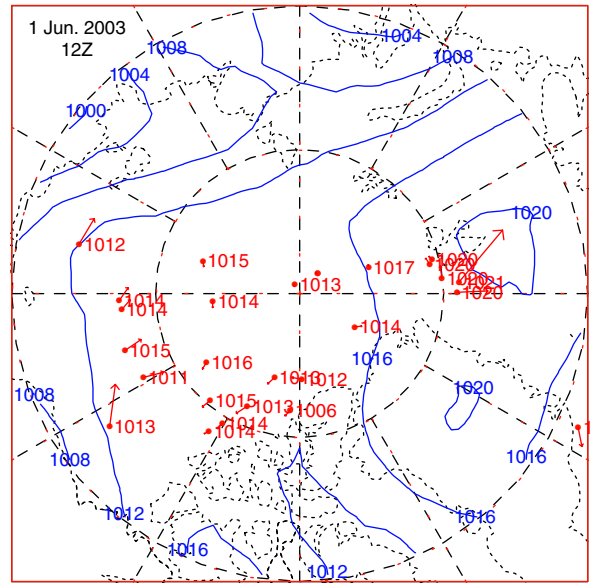
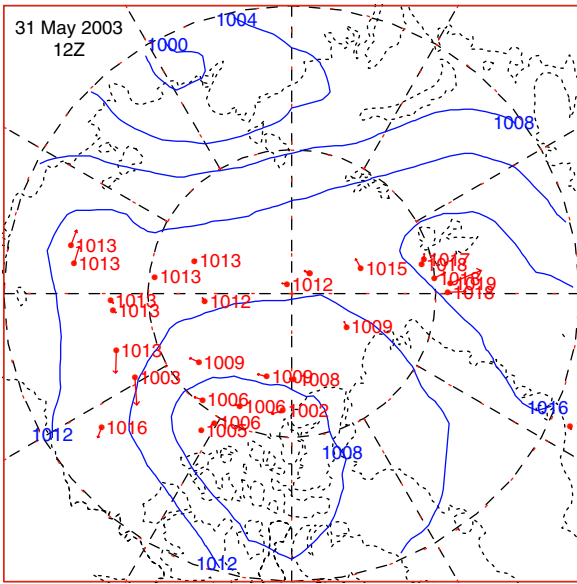




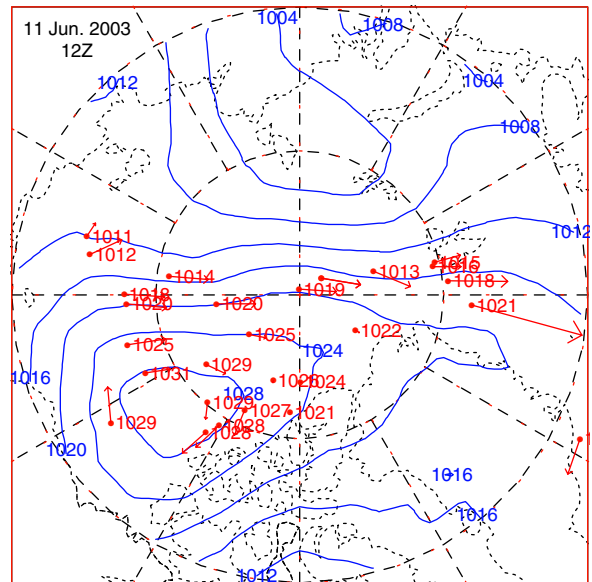
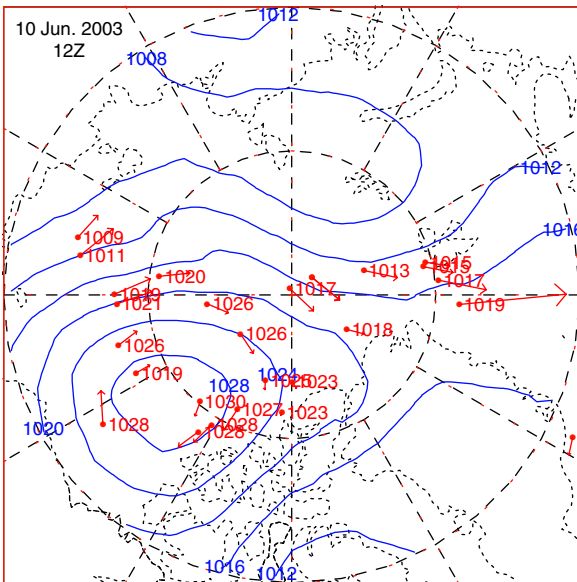
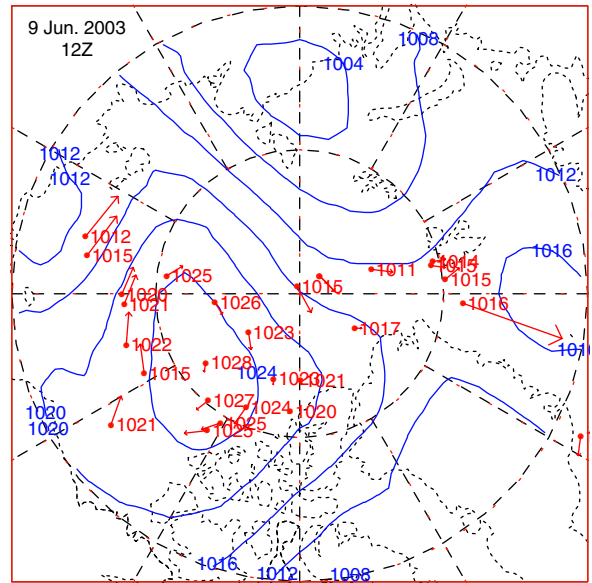
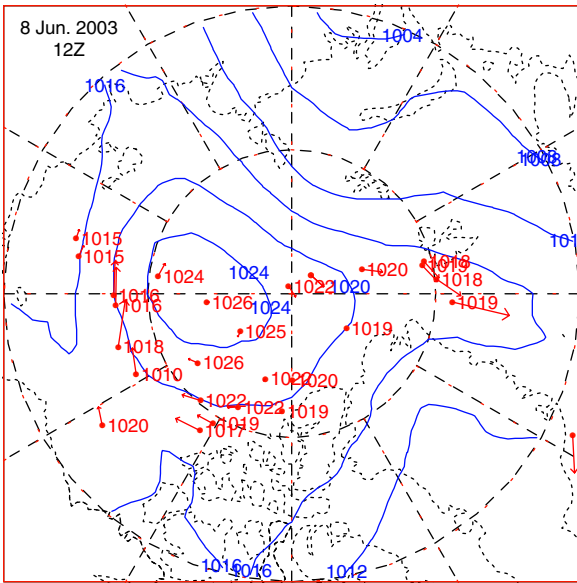
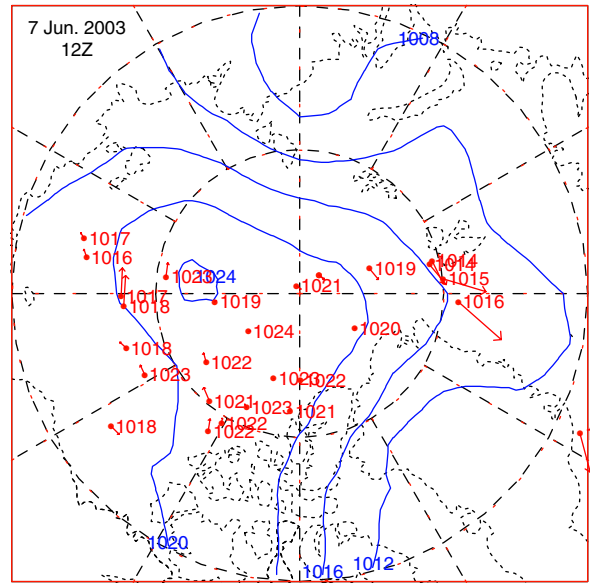
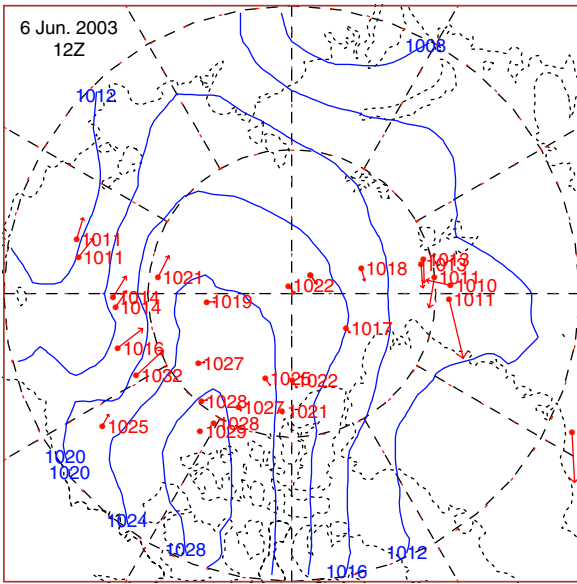
25 MAY 2003 - 30 MAY 2003



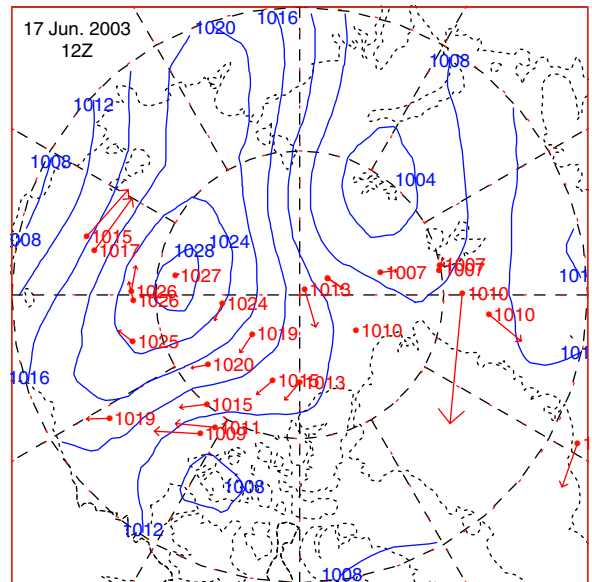
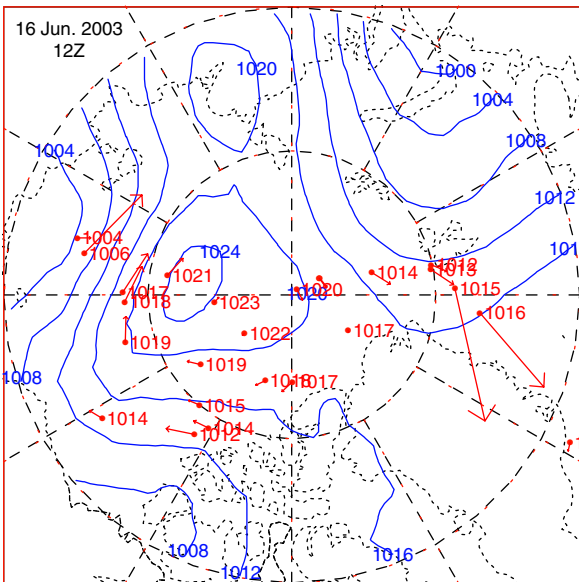
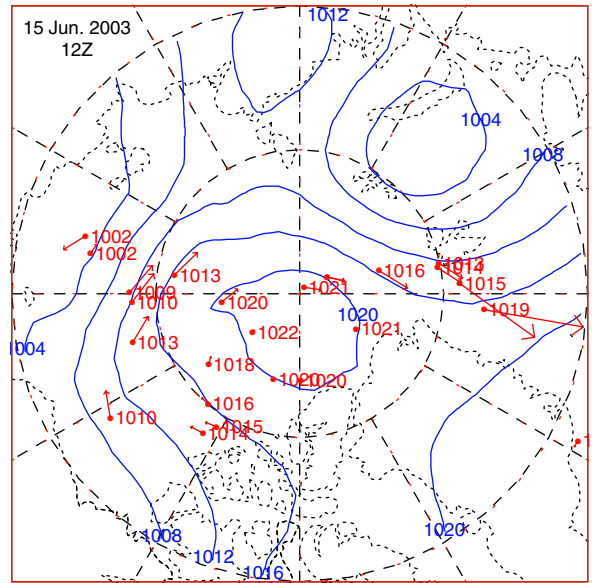
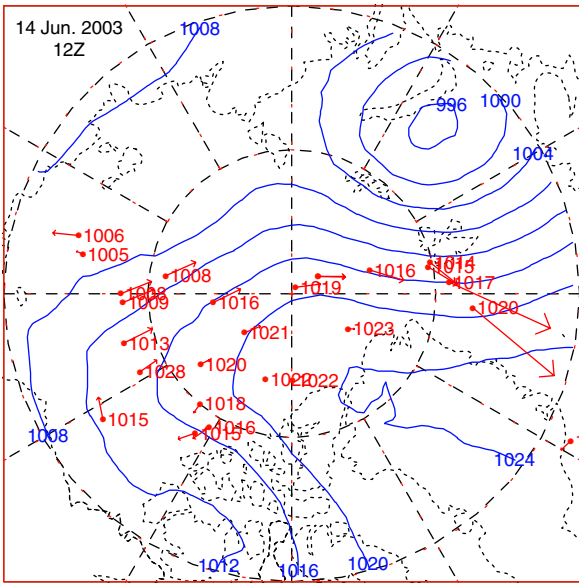
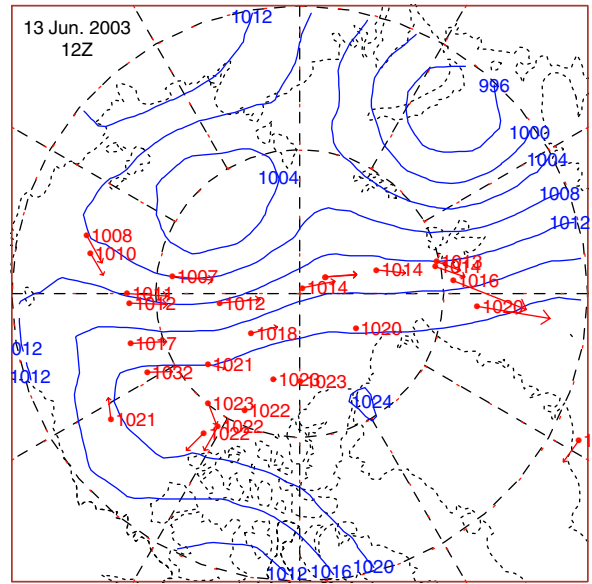
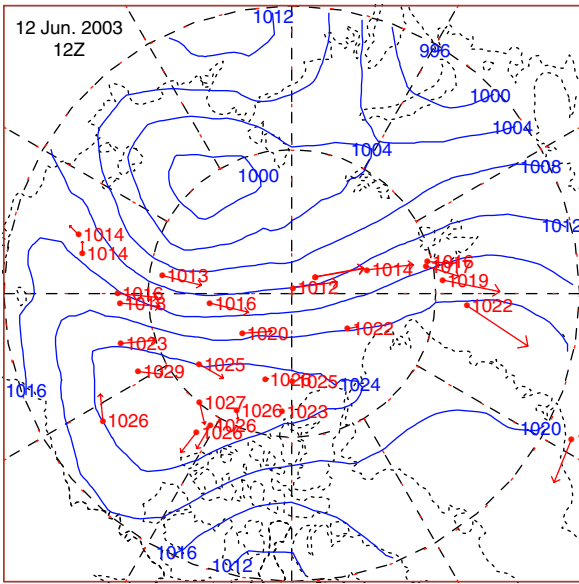
31 MAY 2003 - 5 JUN 2003



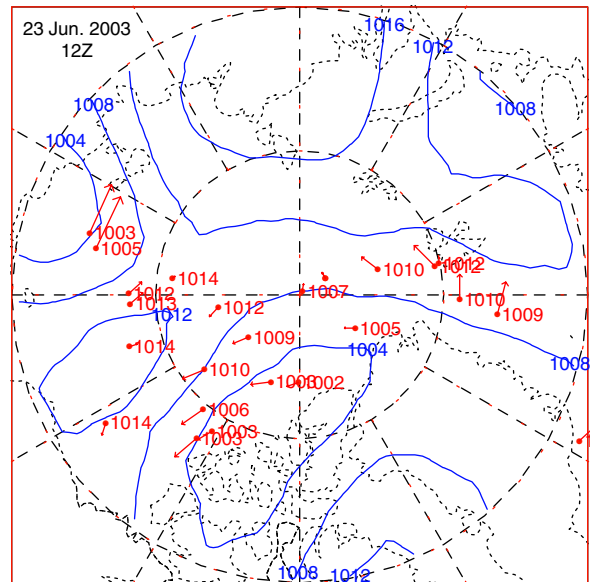
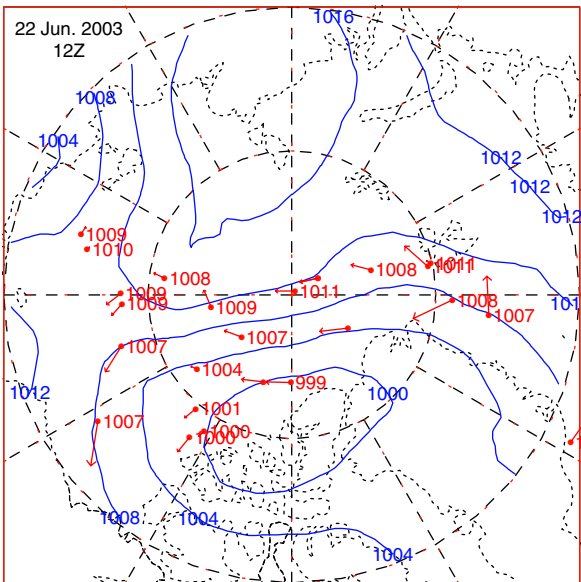
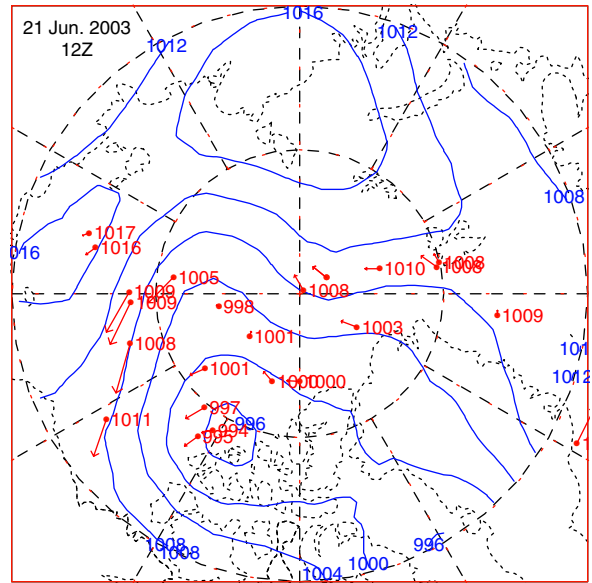
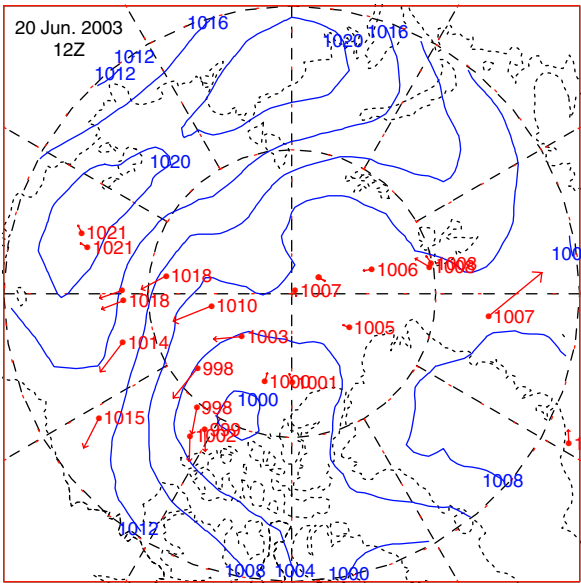
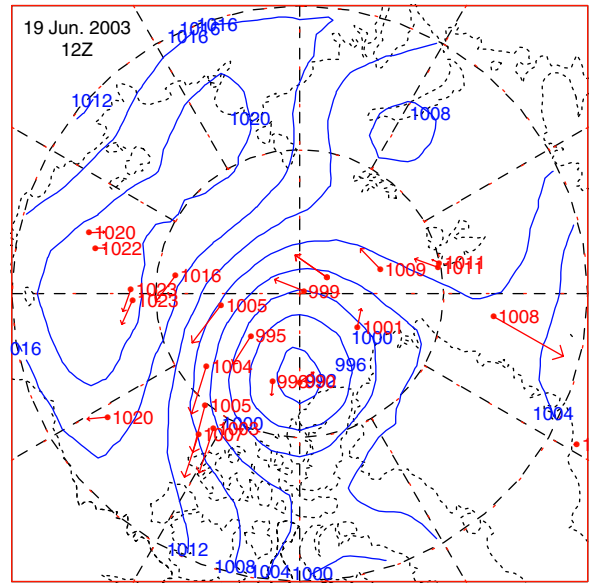
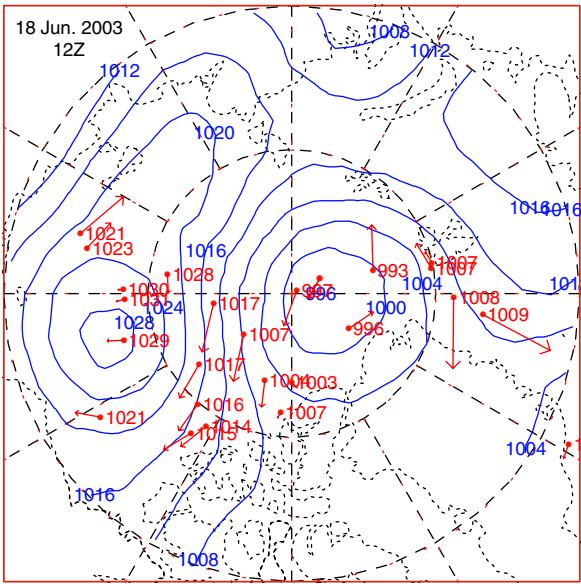
6 JUN 2003 - 11 JUN 2003



12 JUN 2003 - 17 JUN 2003

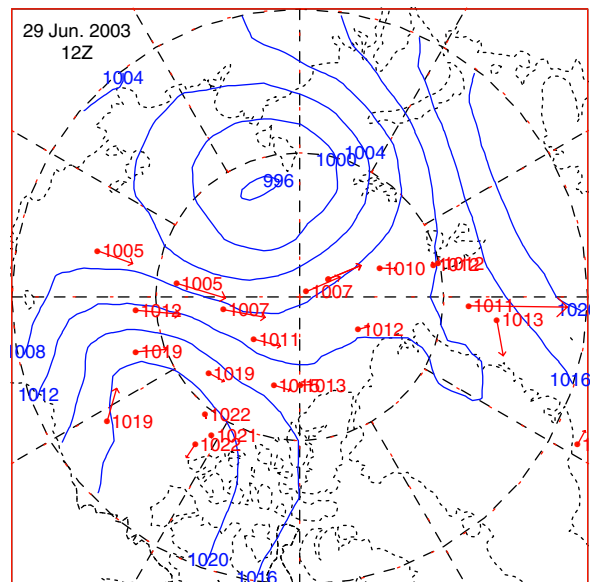
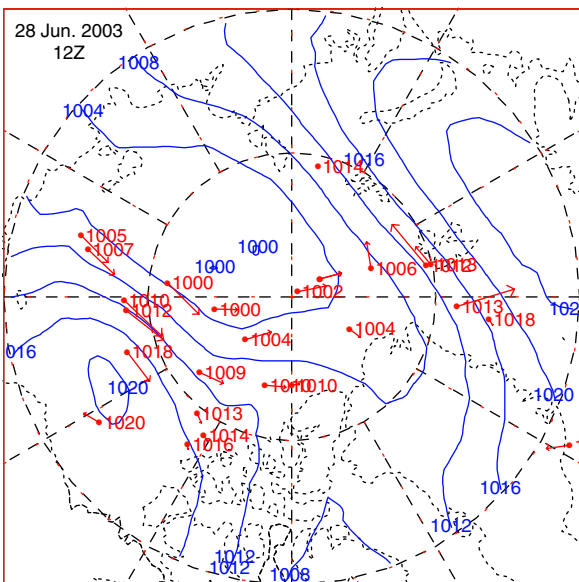
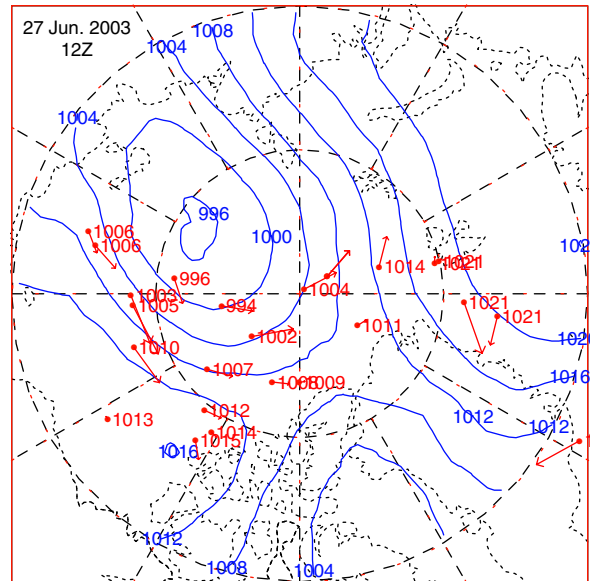
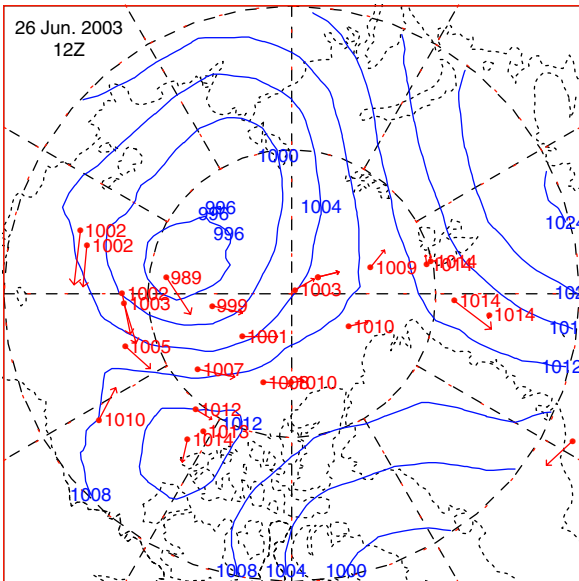
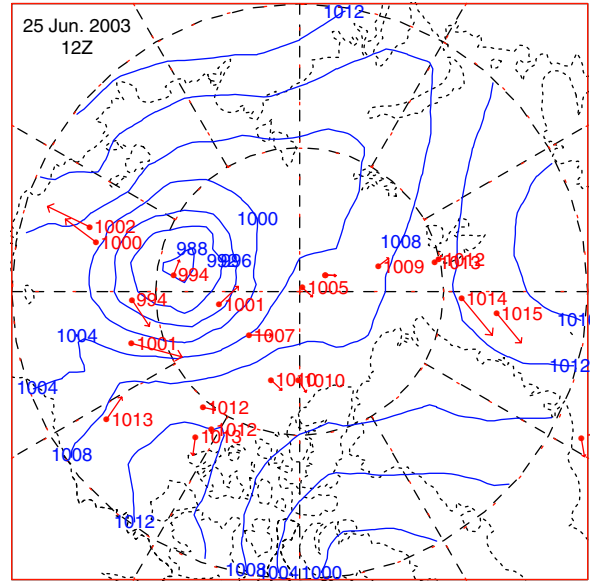
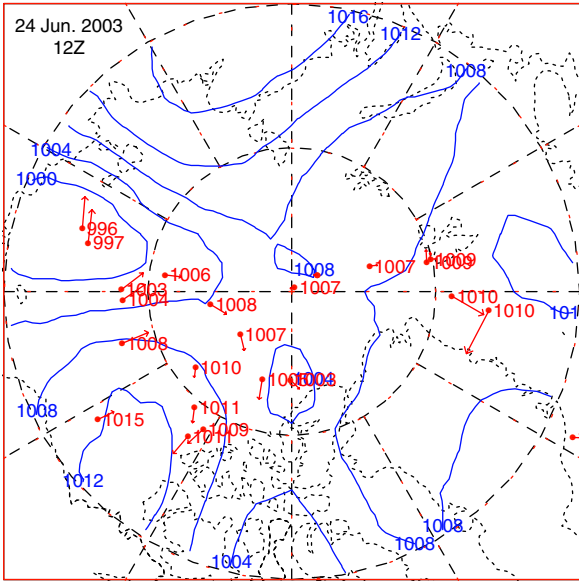


18 JUN 2003 - 23 JUN 2003

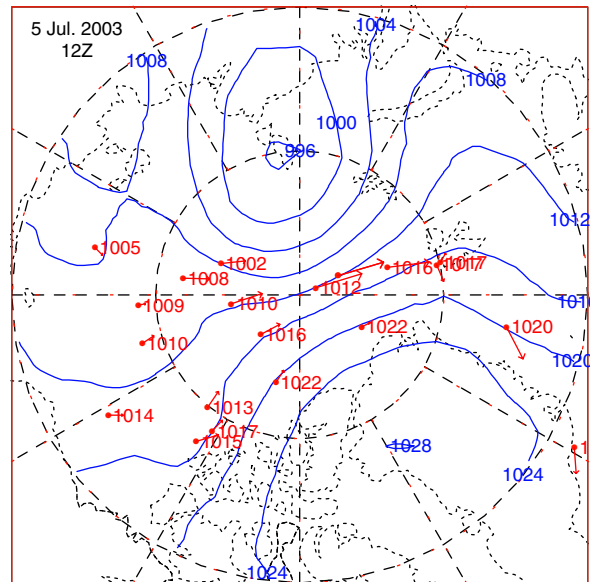
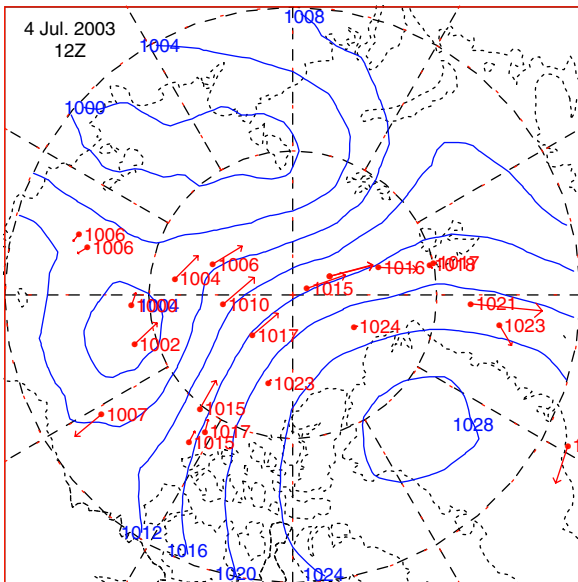
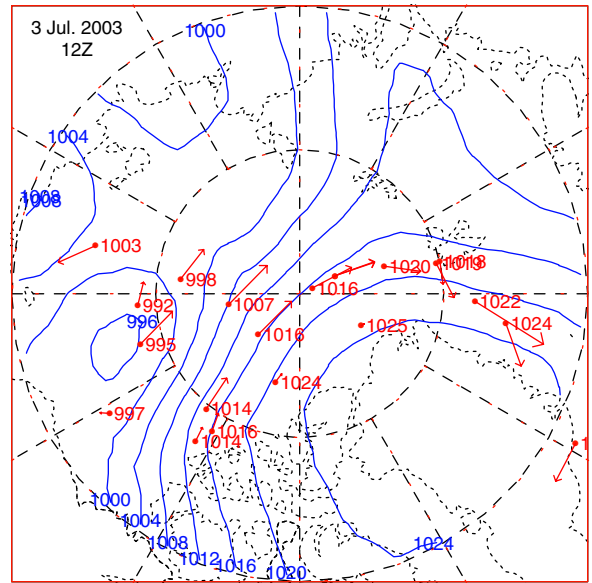
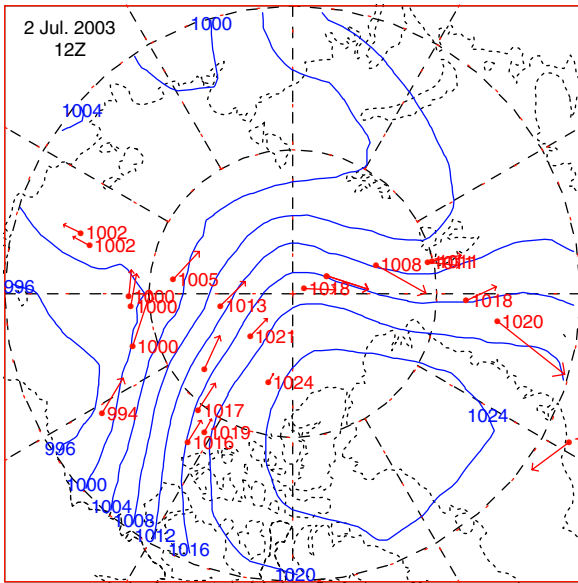
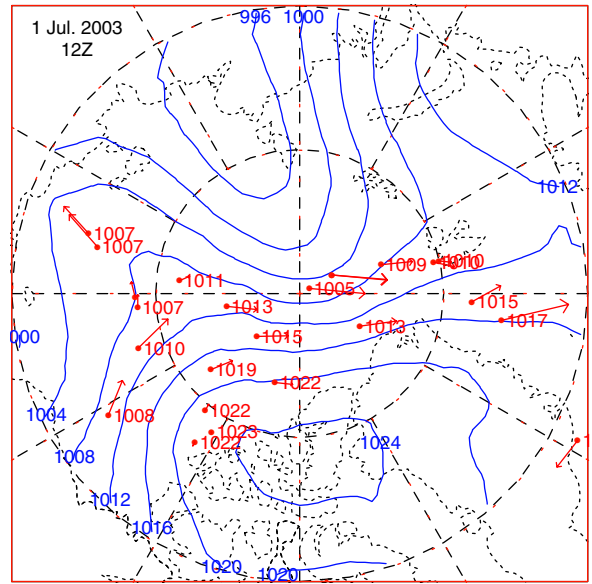
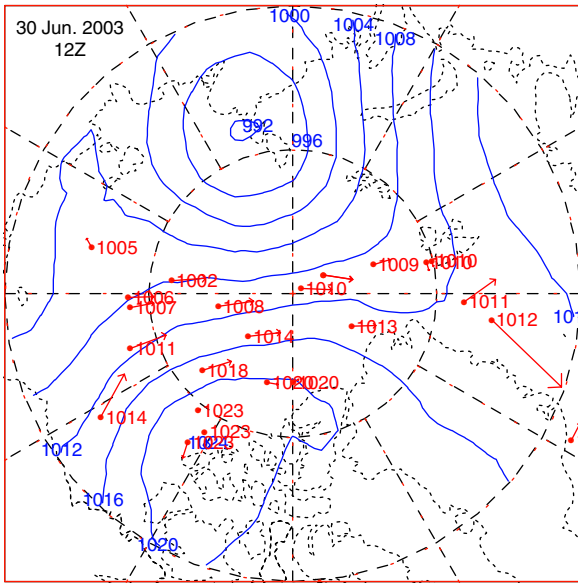




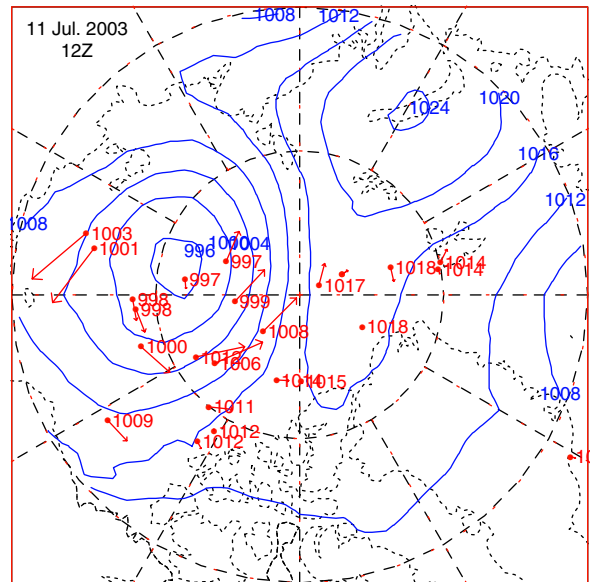
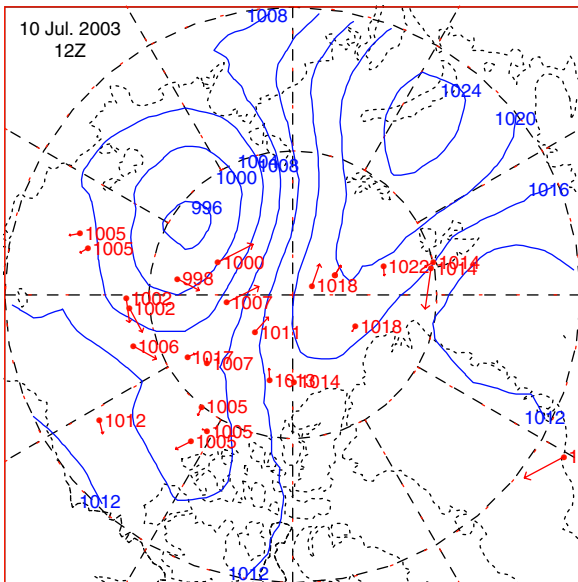
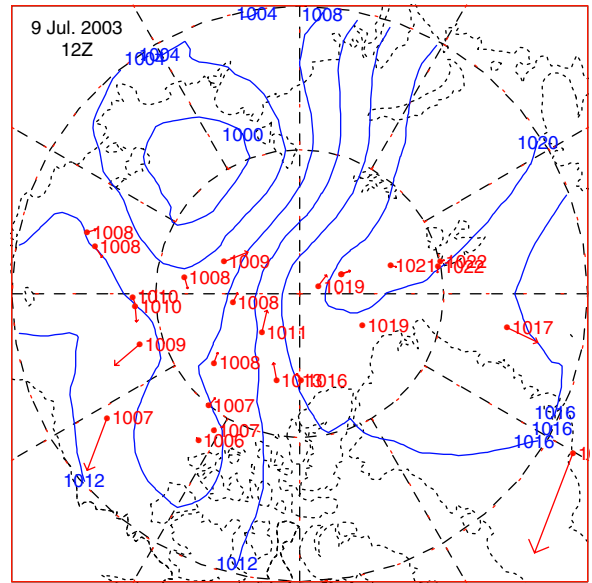
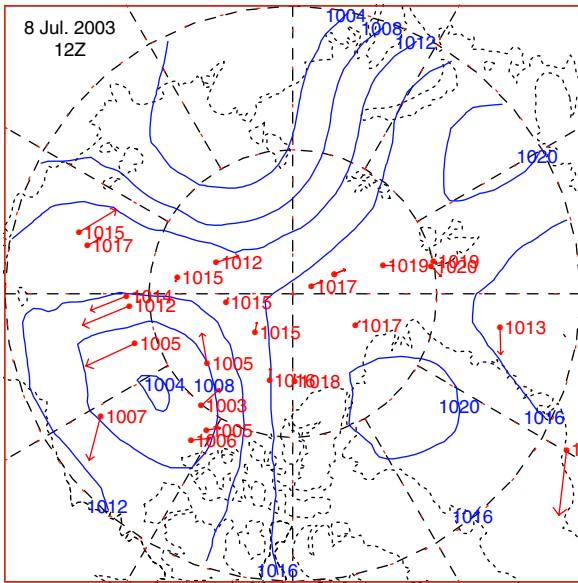
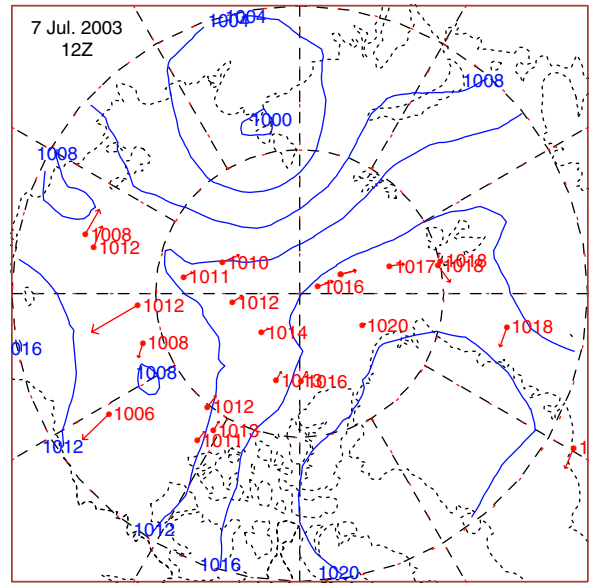
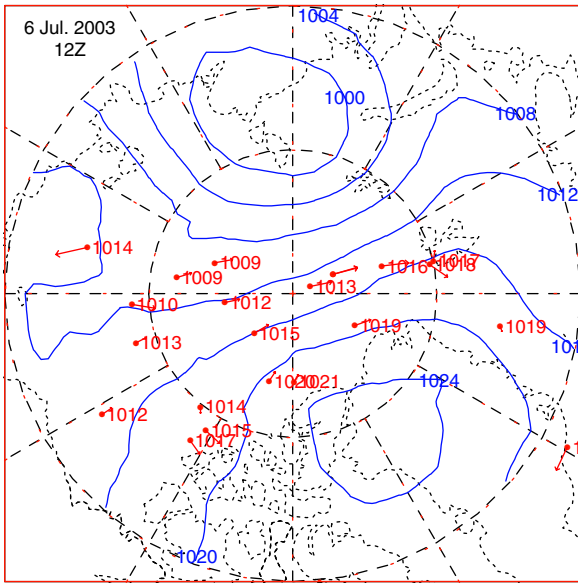
24 JUN 2003 - 29 JUN 2003



30 JUN 2003 - 5 JUL 2003

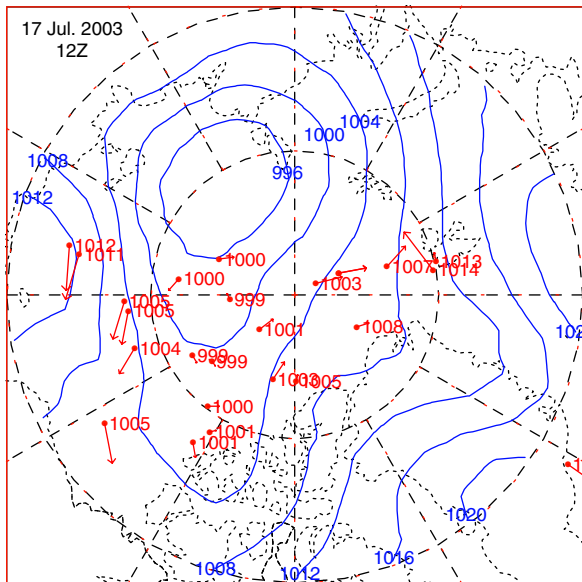
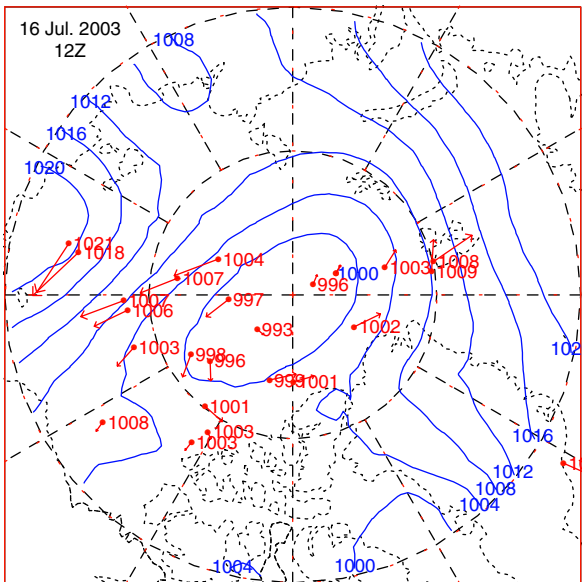
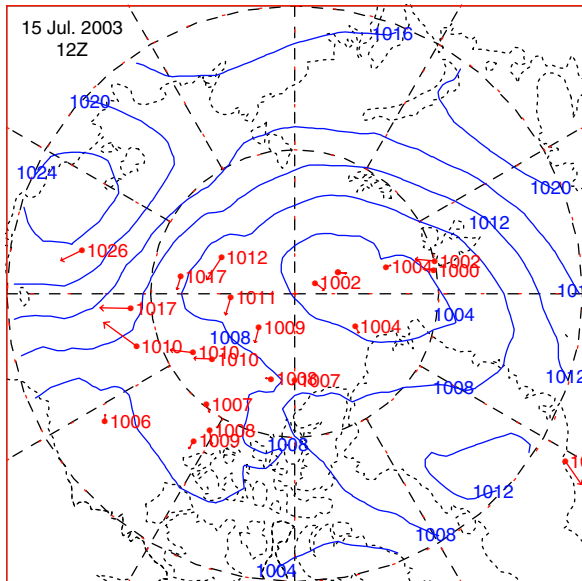
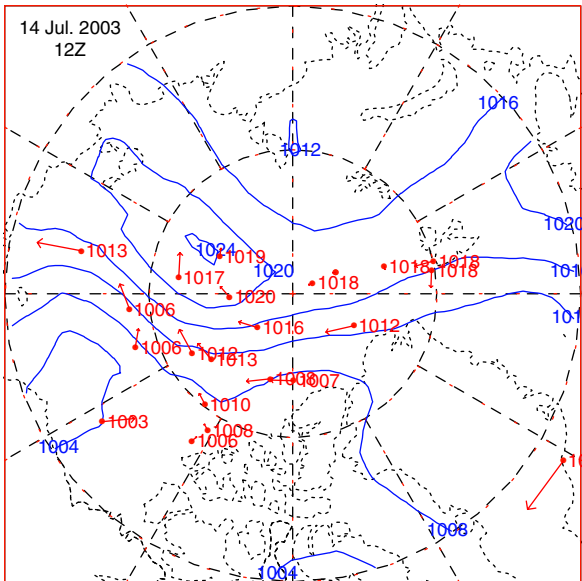
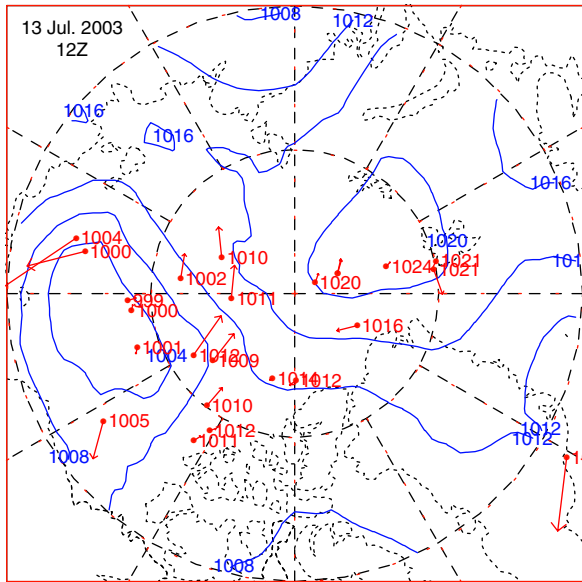
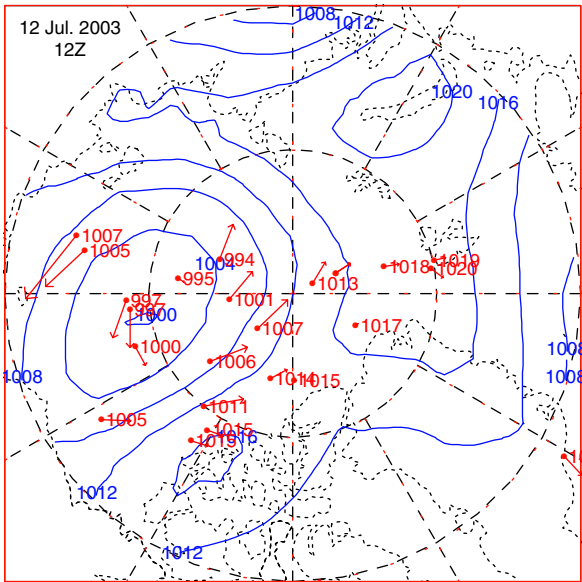


6 JUL 2003 - 11 JUL 2003

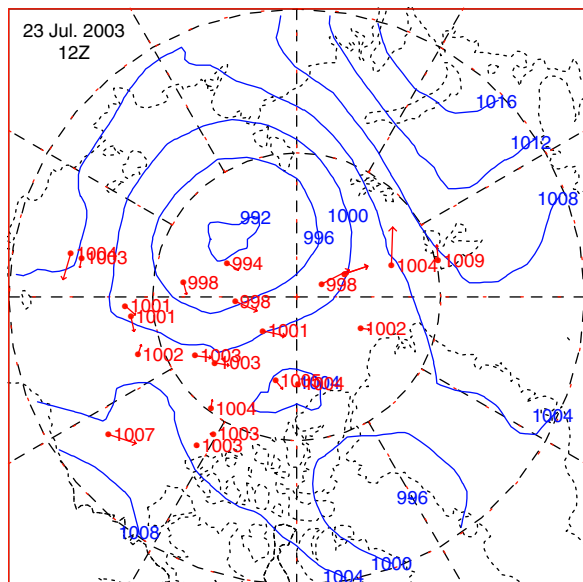
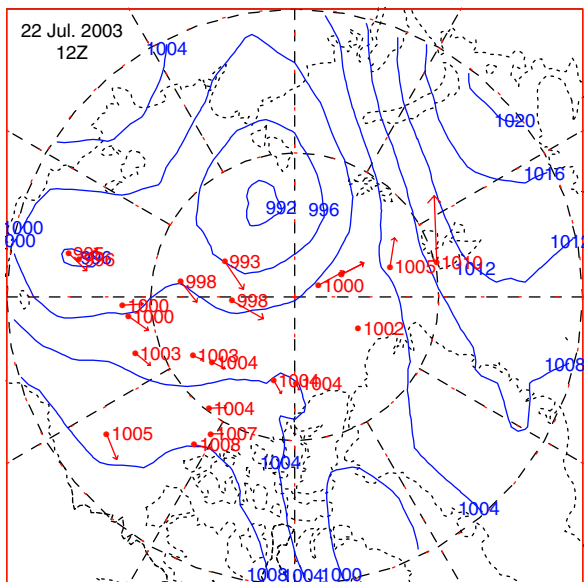
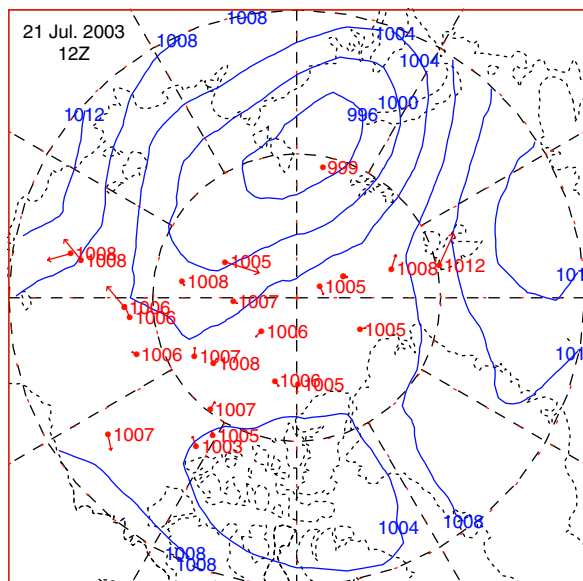
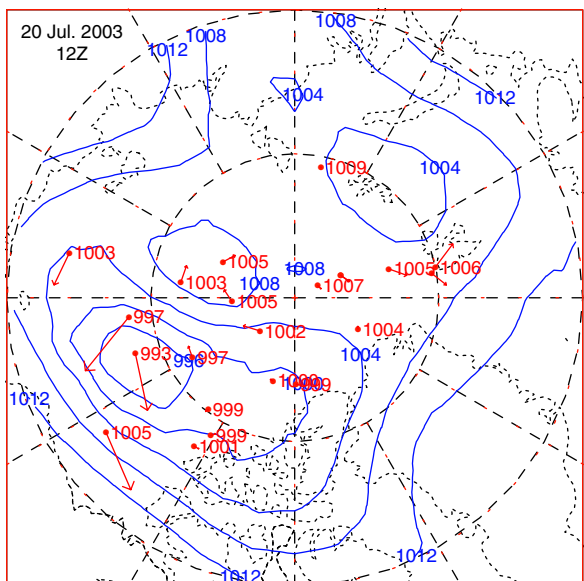
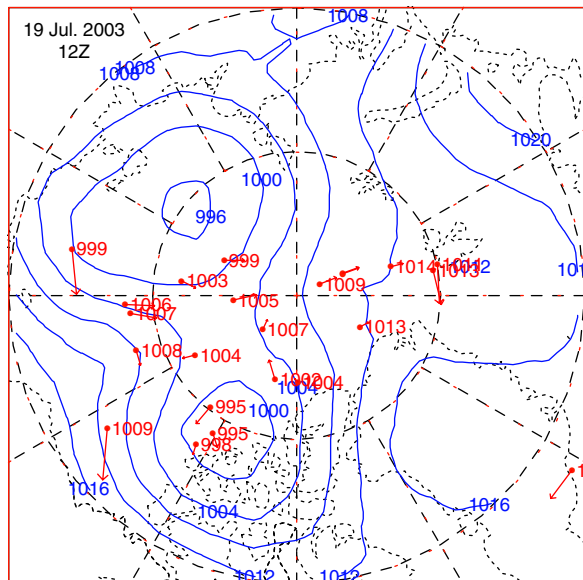
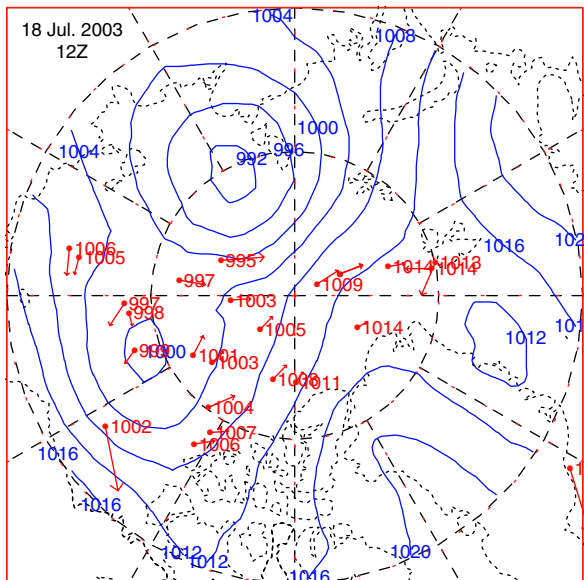




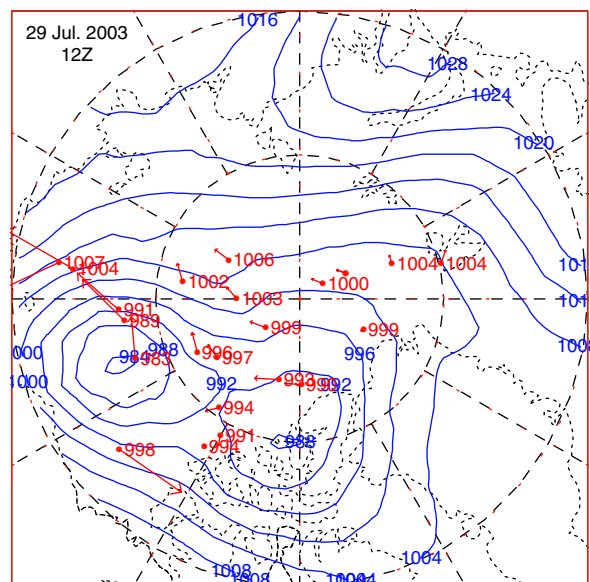
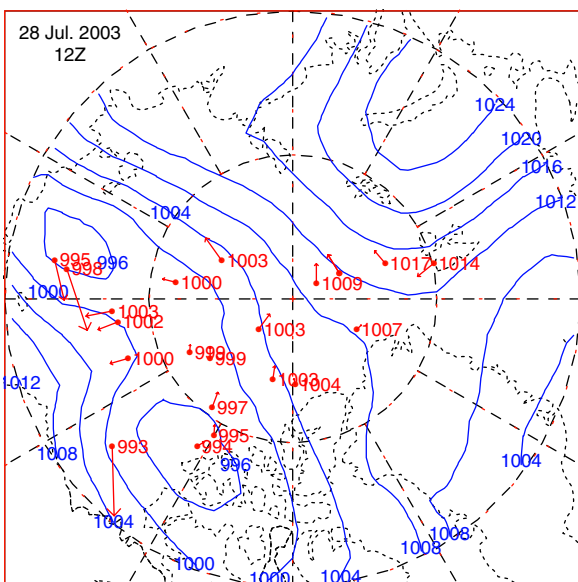
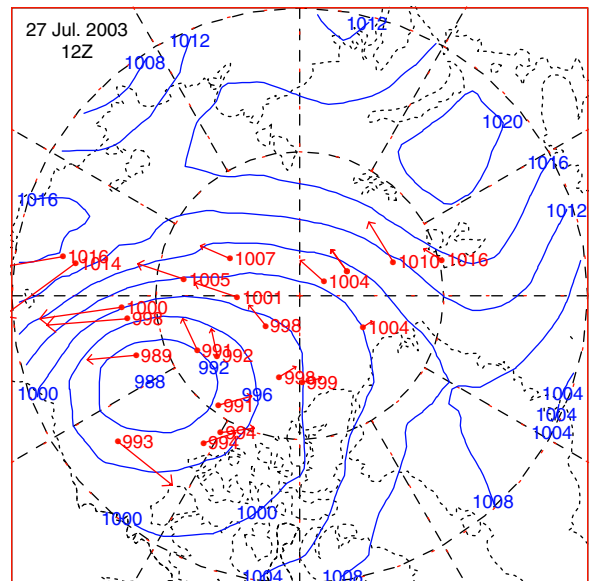
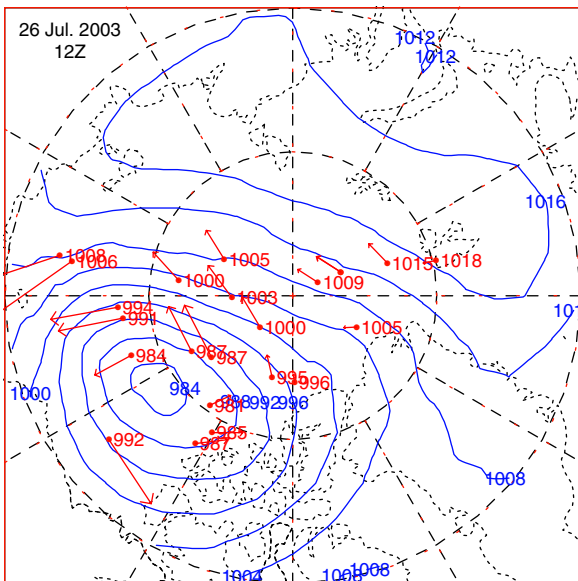
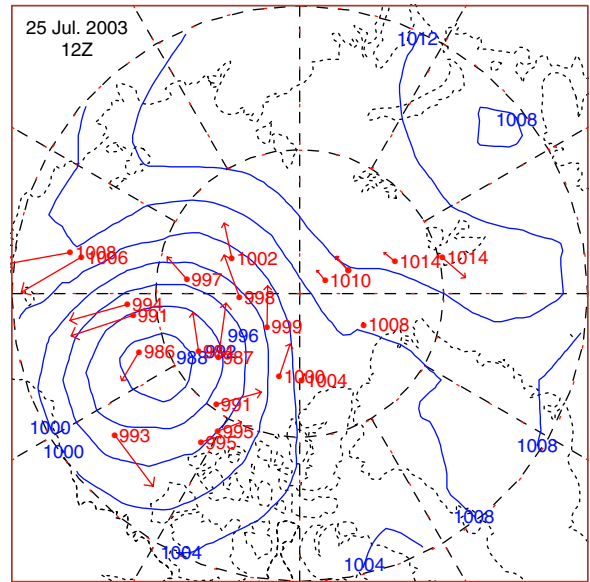
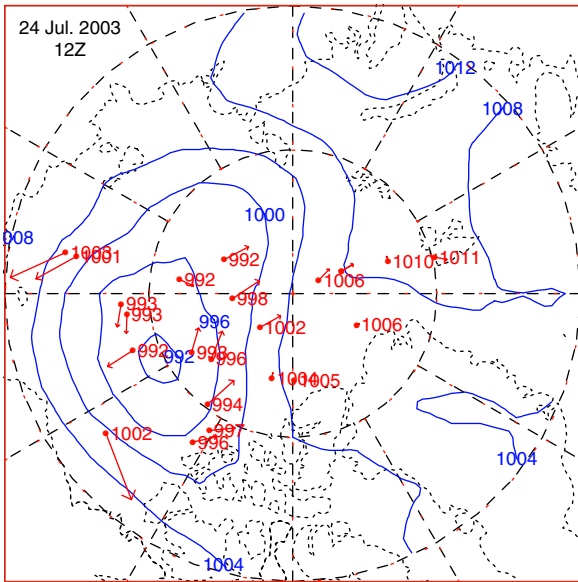
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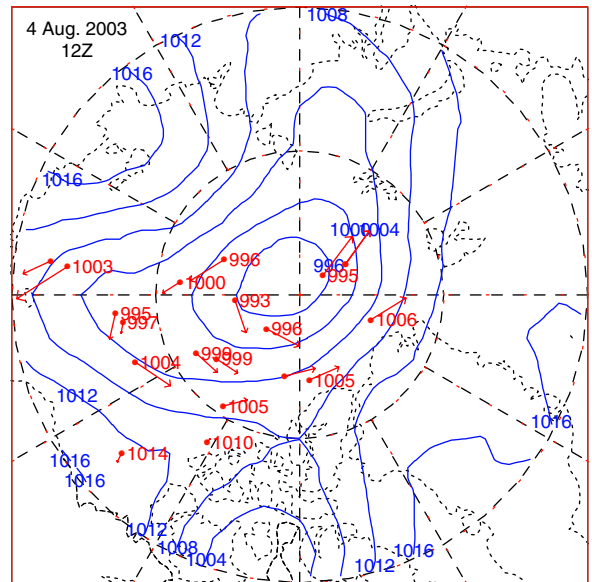
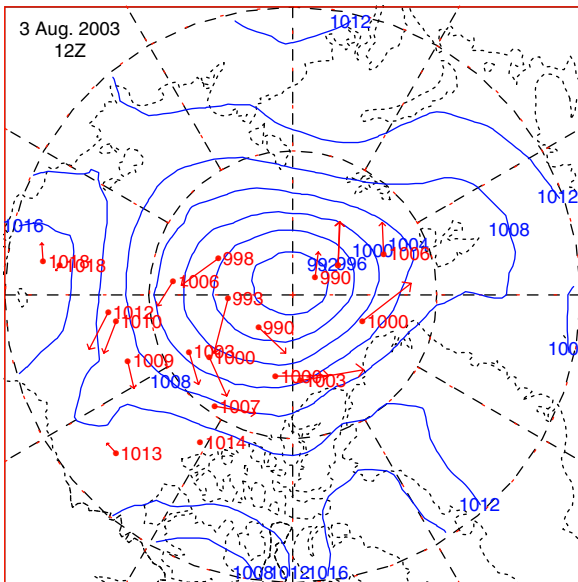
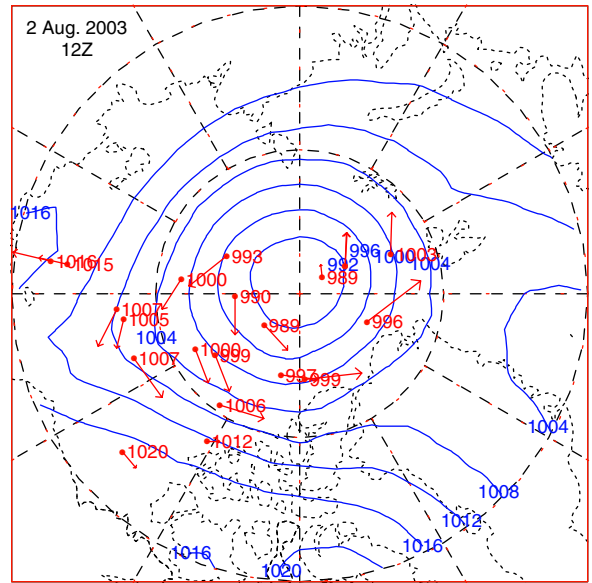
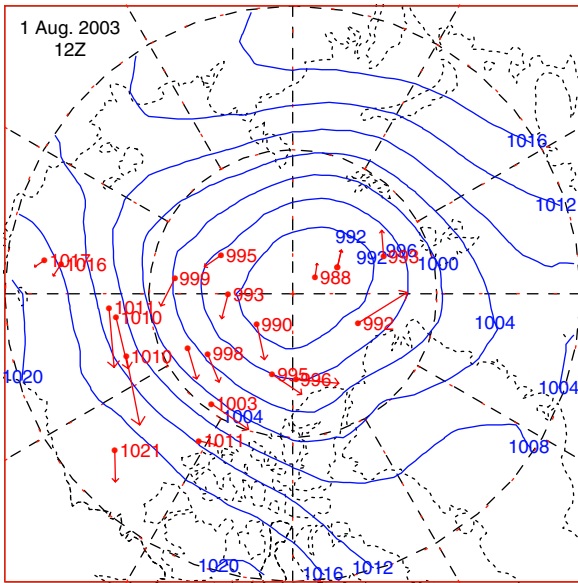
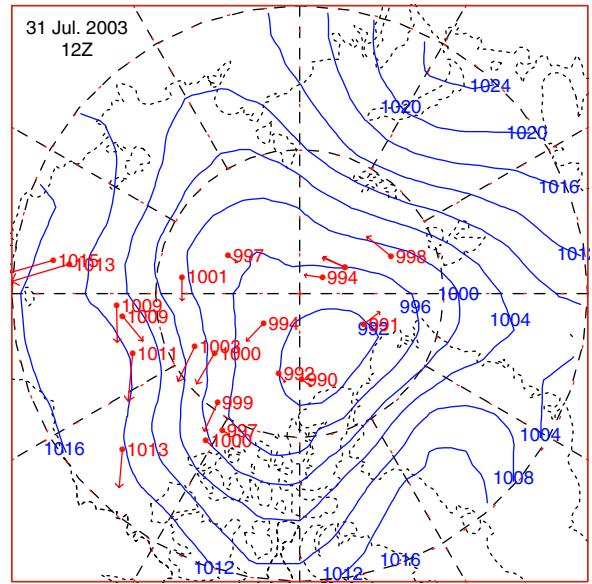
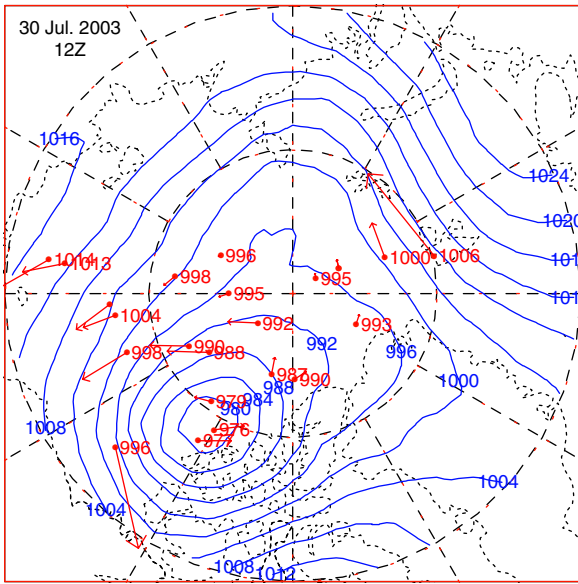
18 JUL 2003 - 23 JUL 2003



24 JUL 2003 - 29 JUL 2003

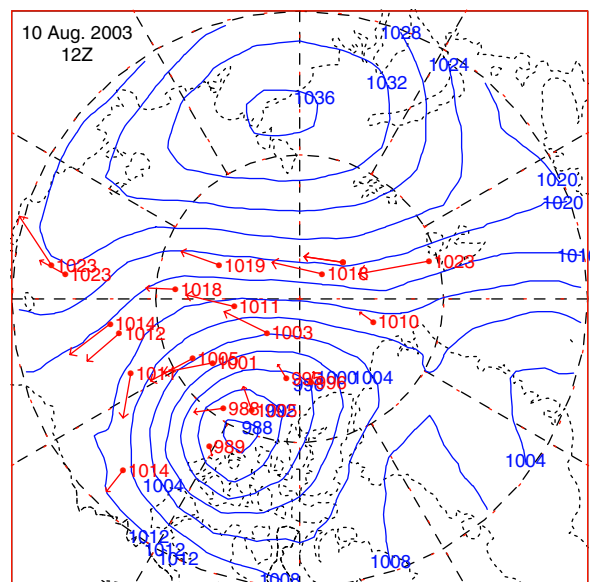
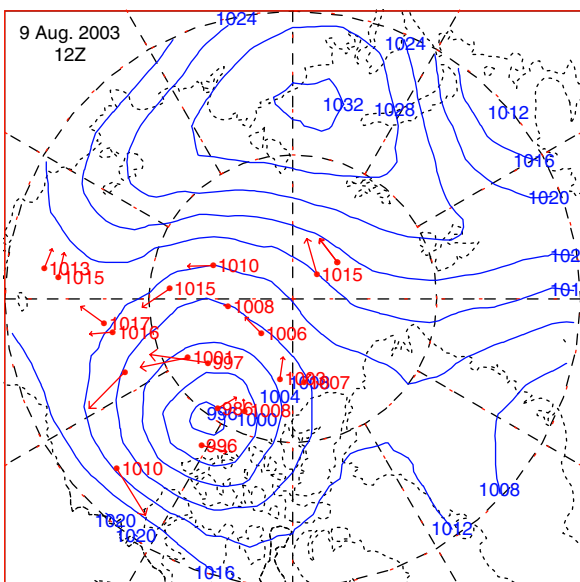
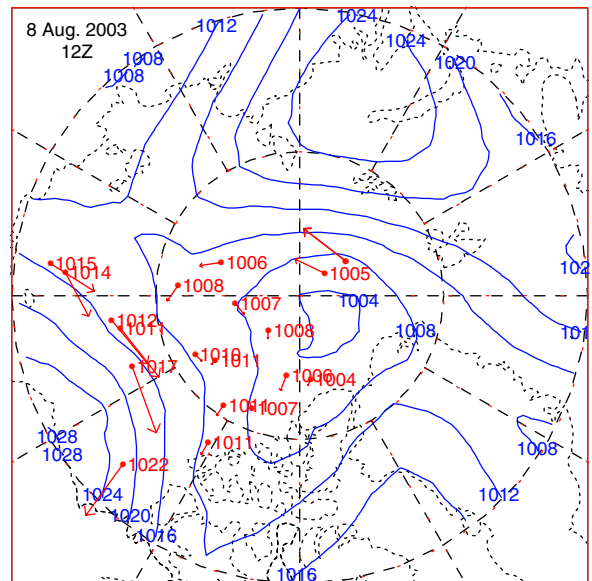
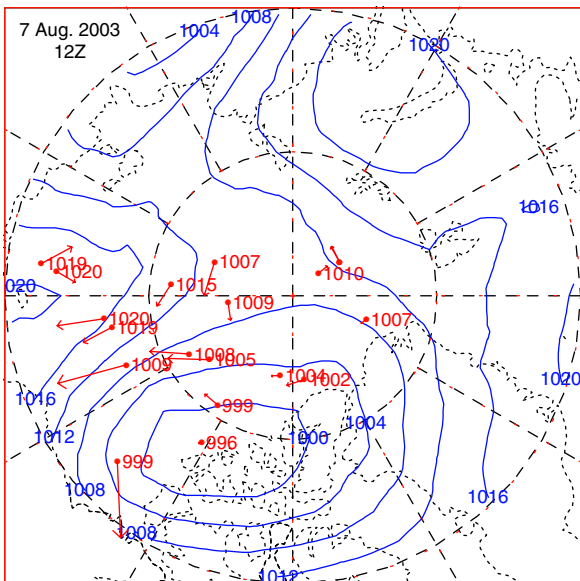
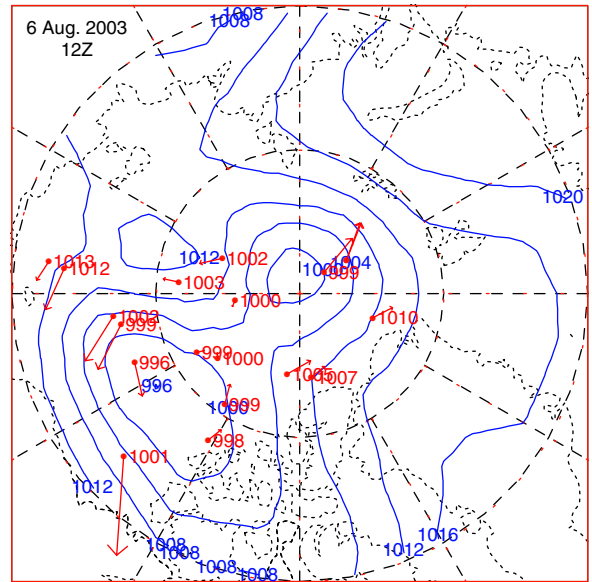
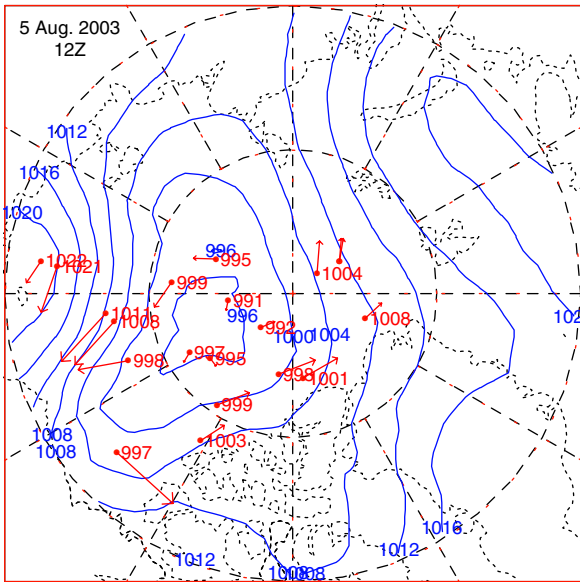


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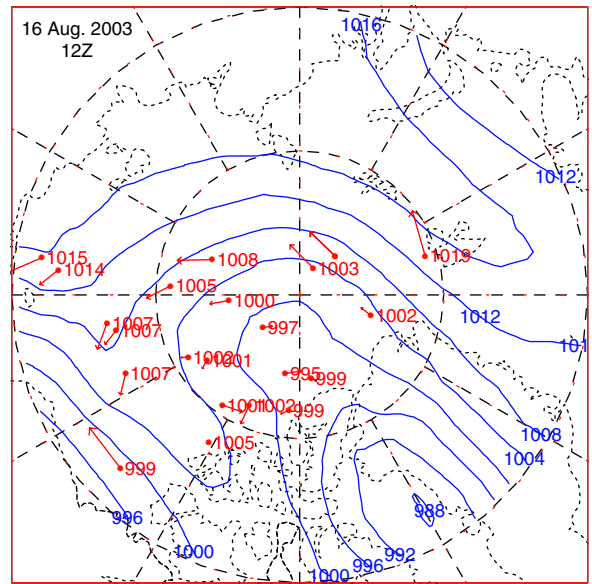
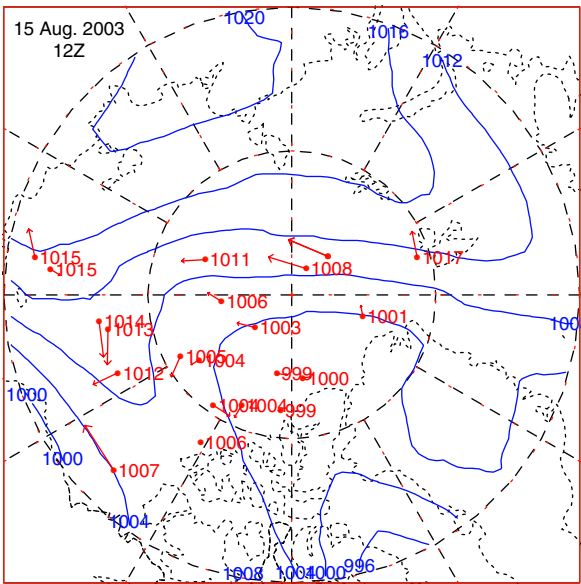
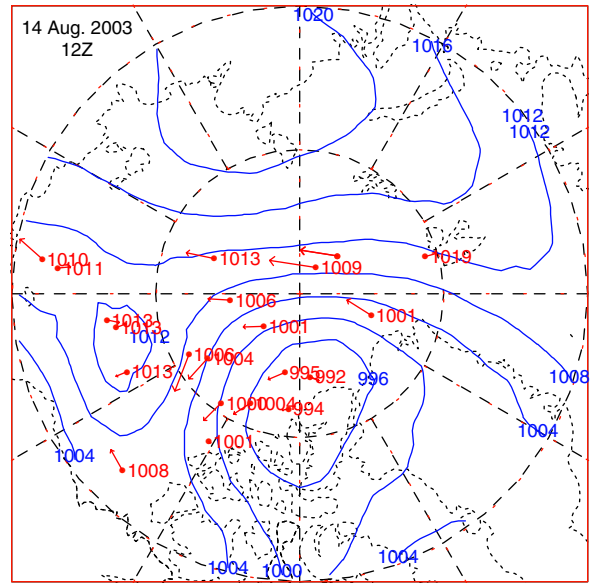
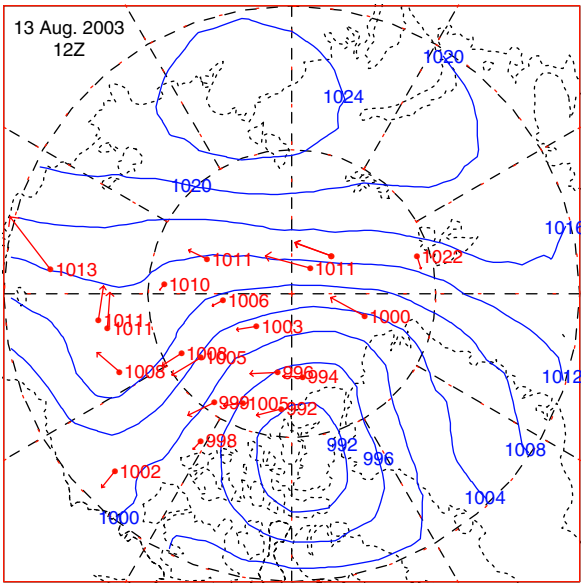
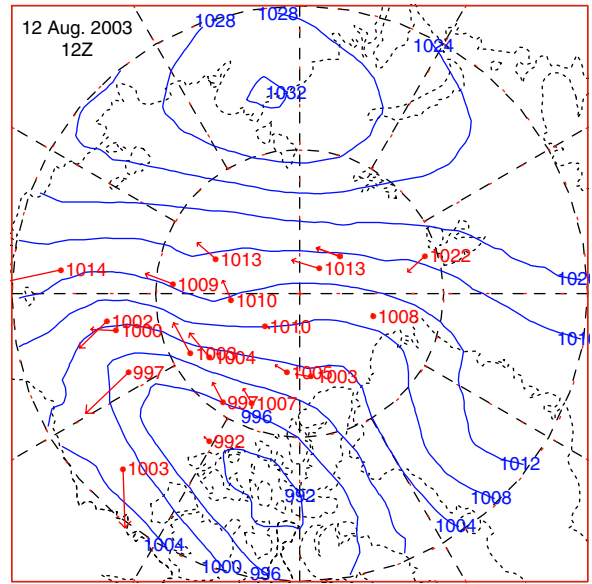
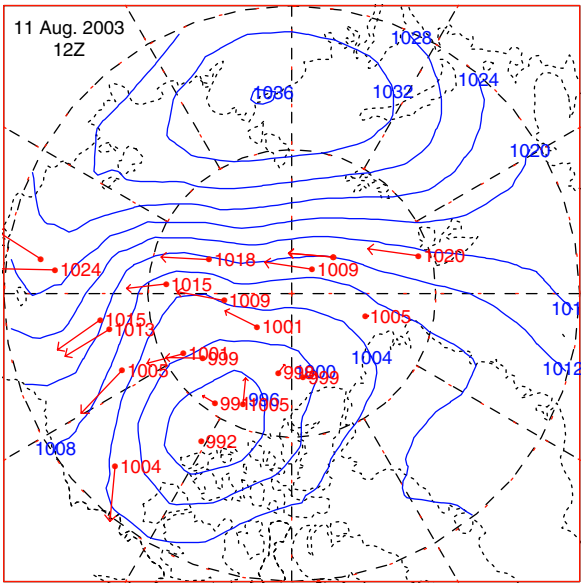




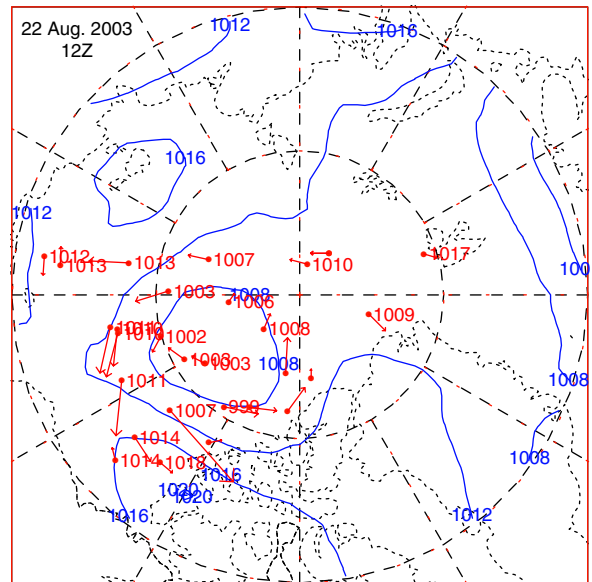
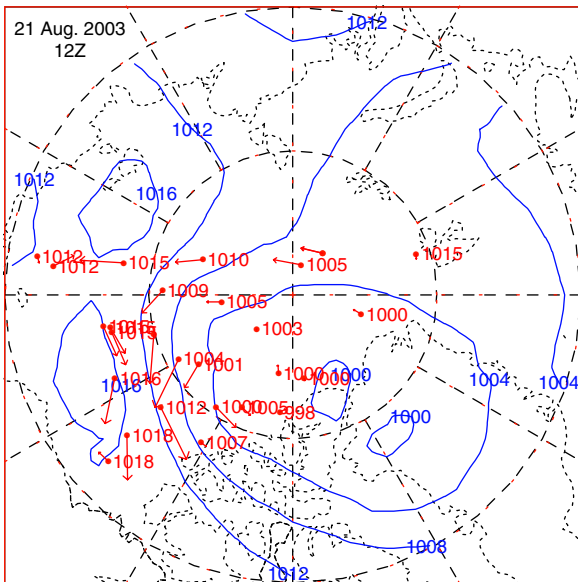
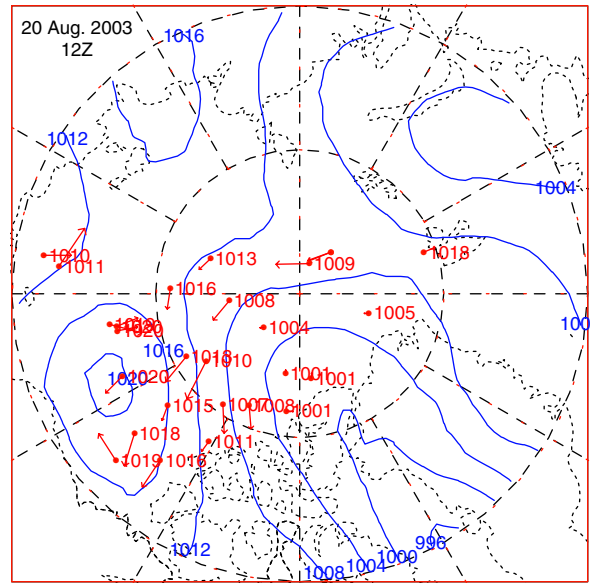
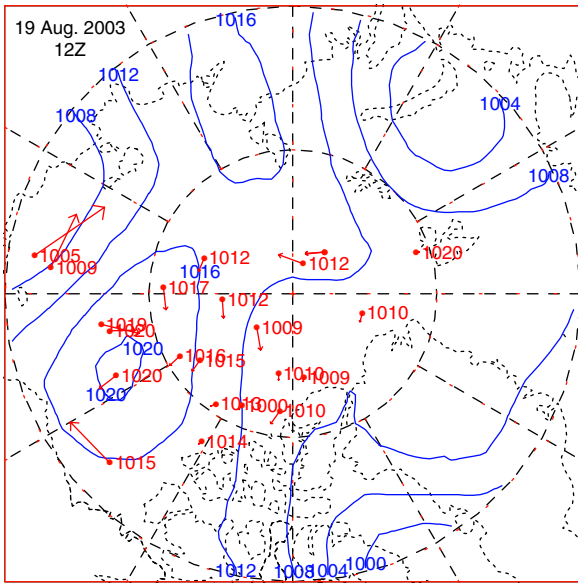
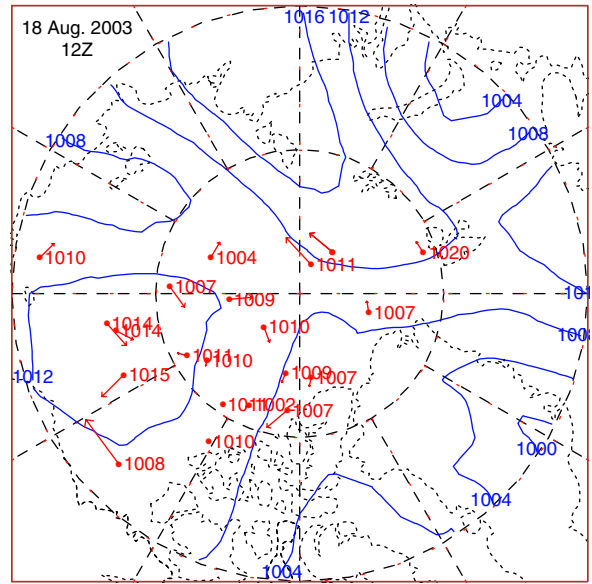
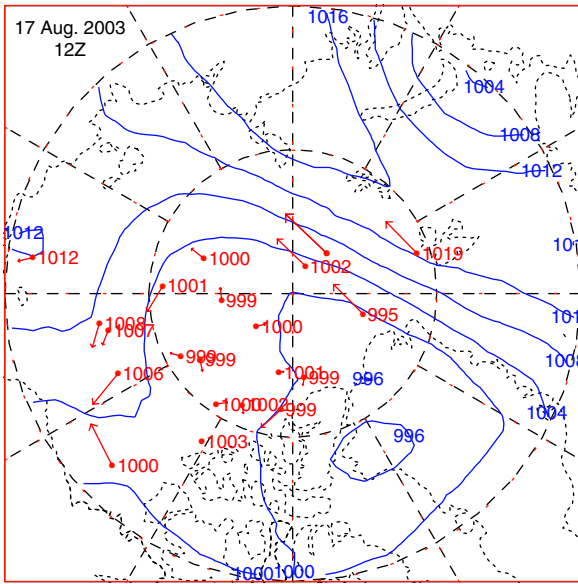
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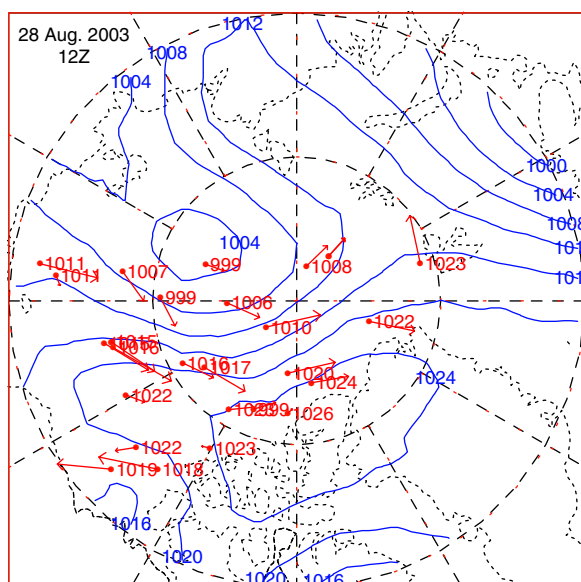
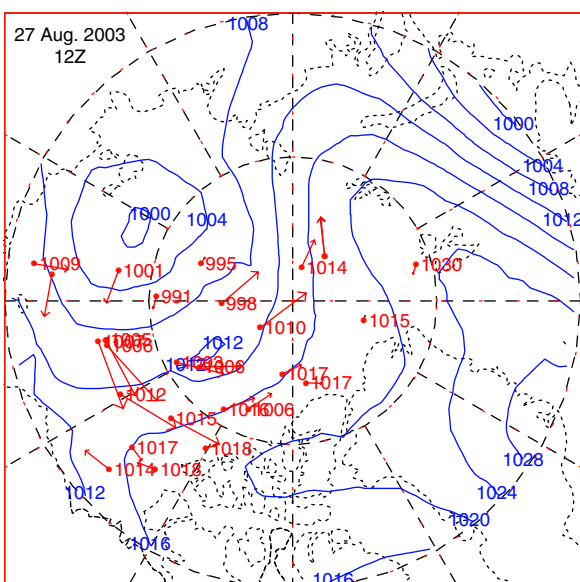
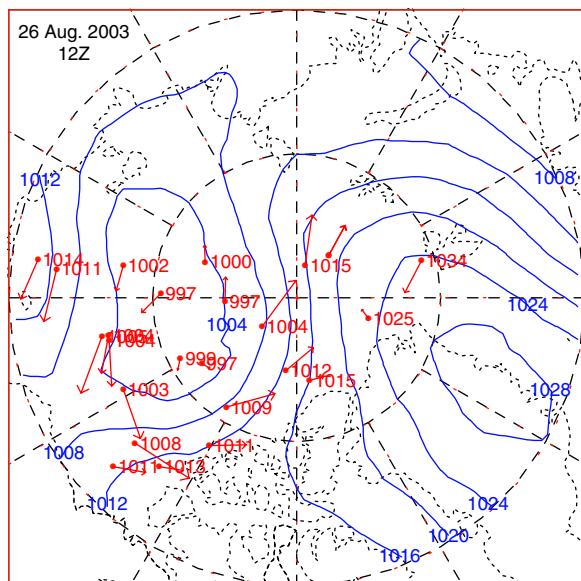
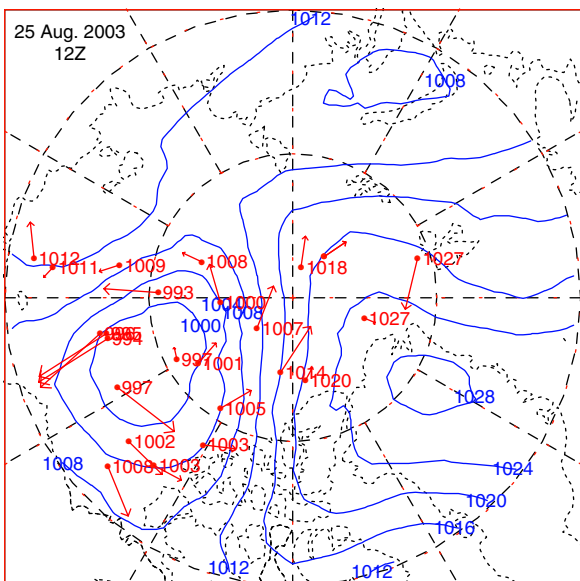
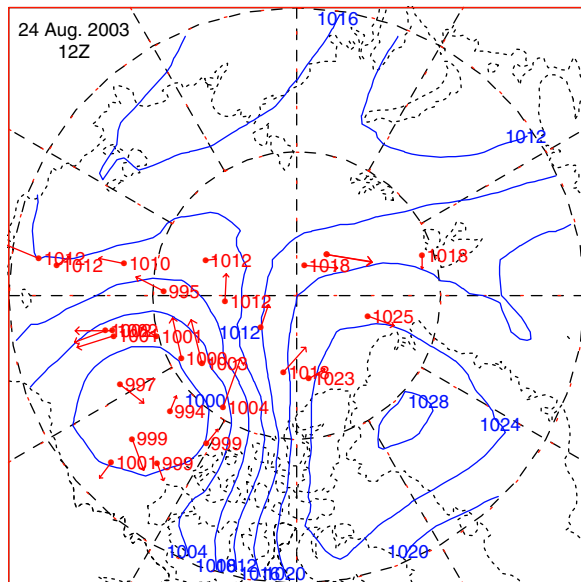
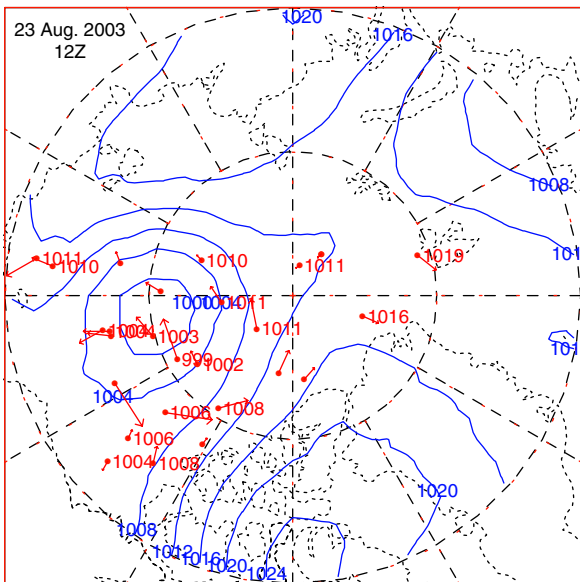
11 AUG 2003 - 16 AUG 2003



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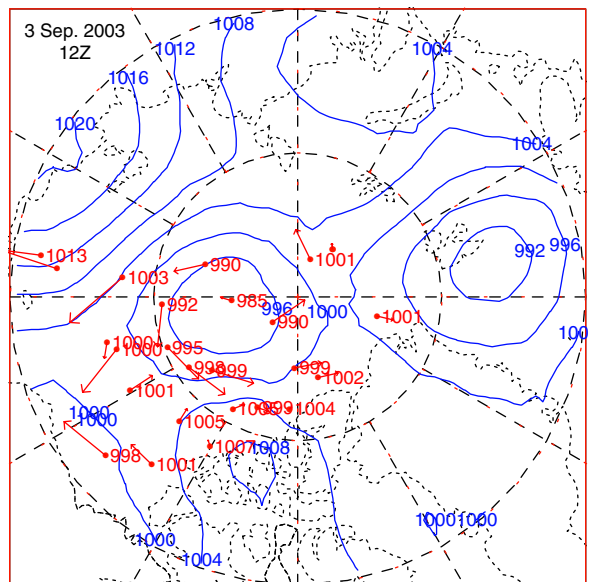
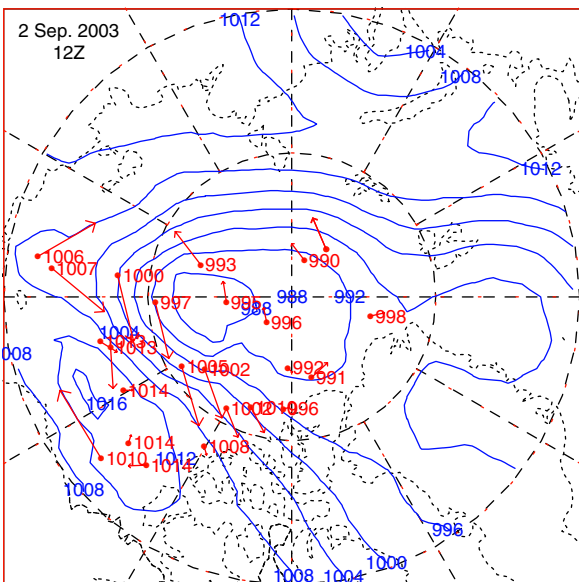
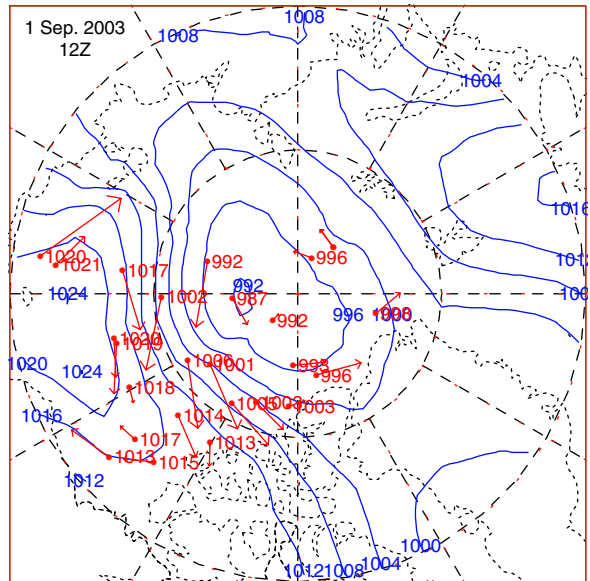
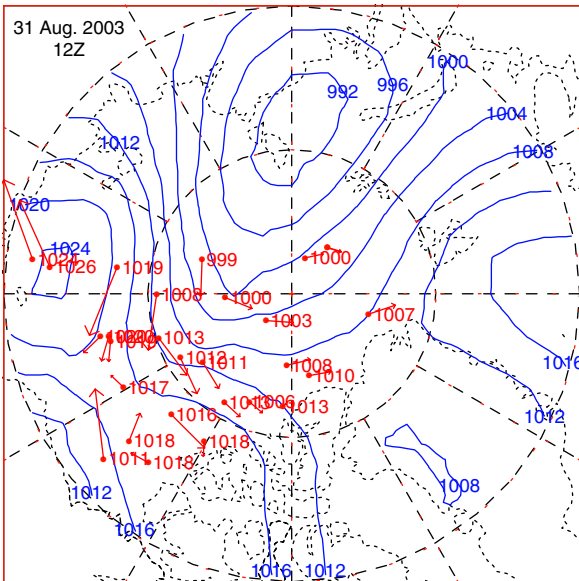
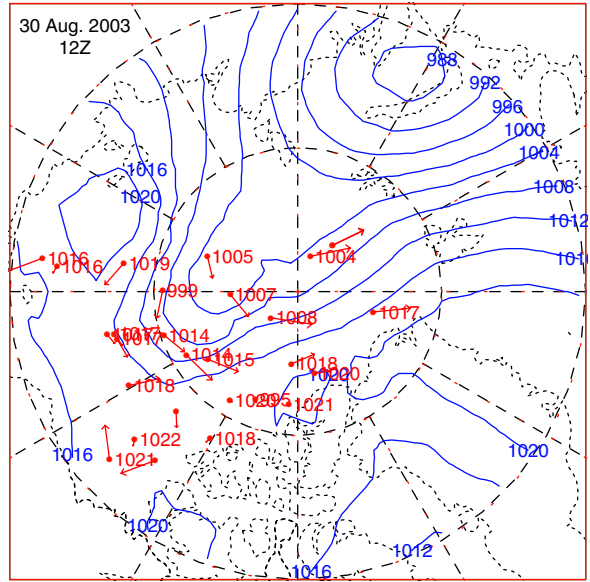
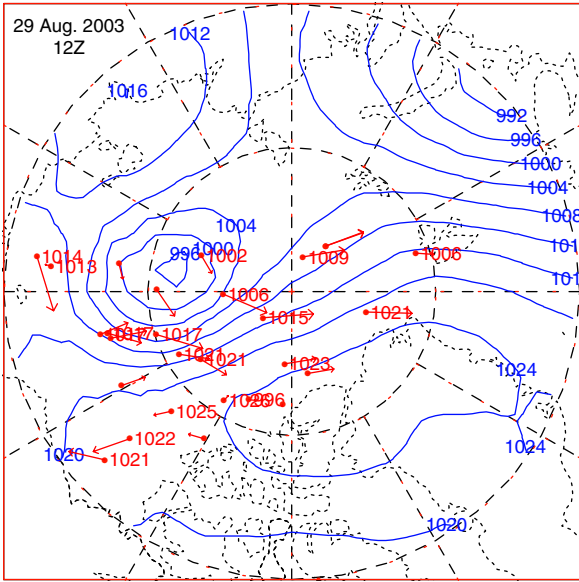


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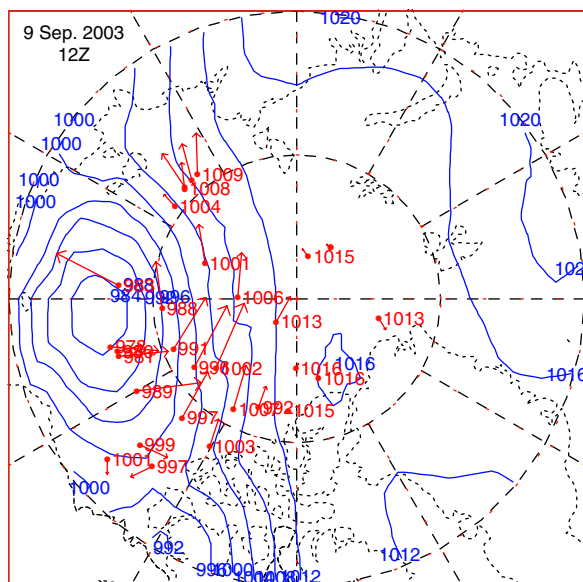
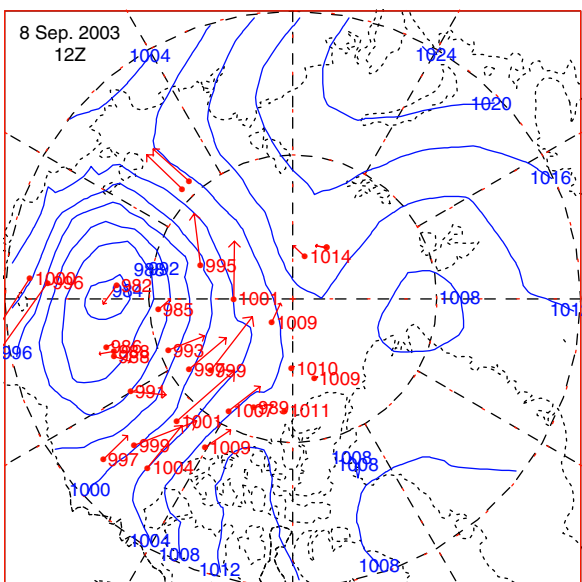
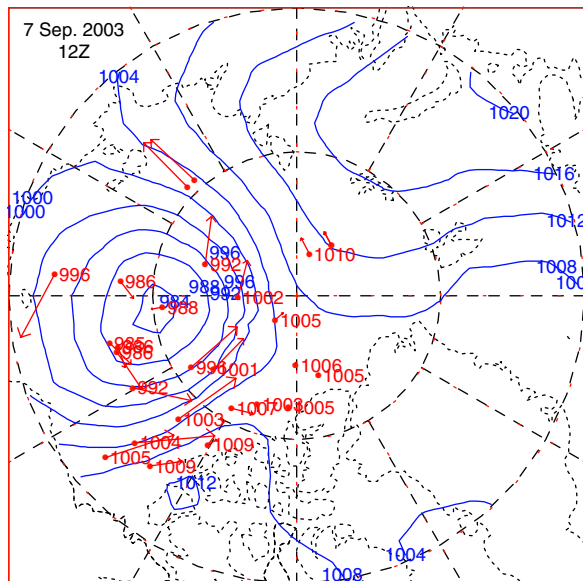
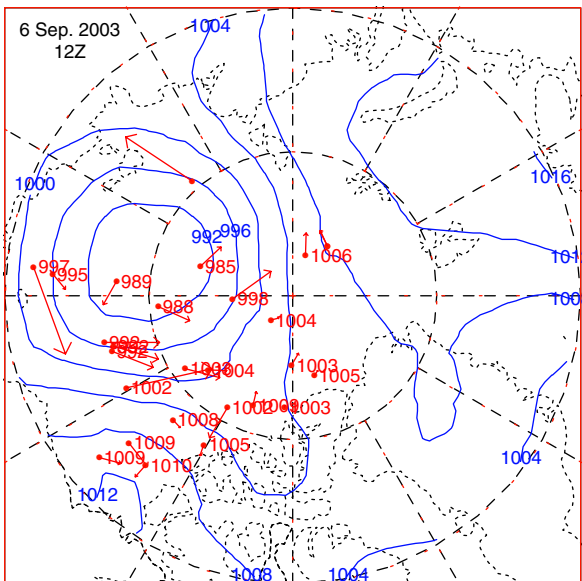
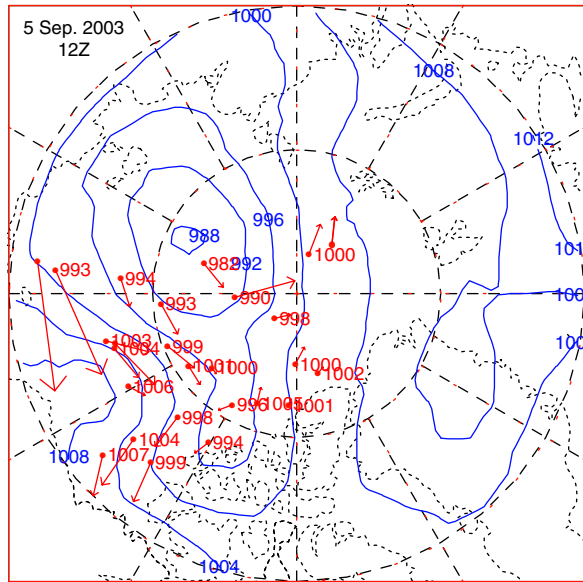
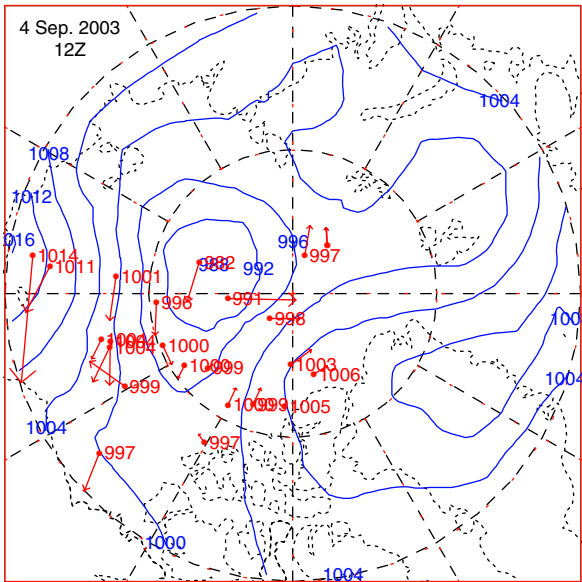




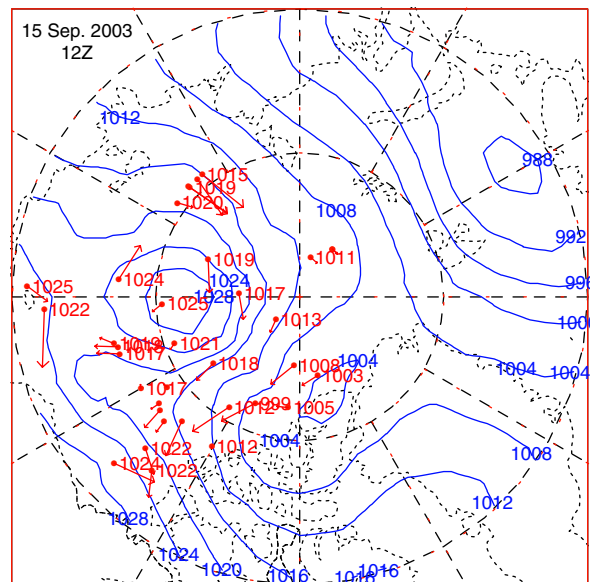
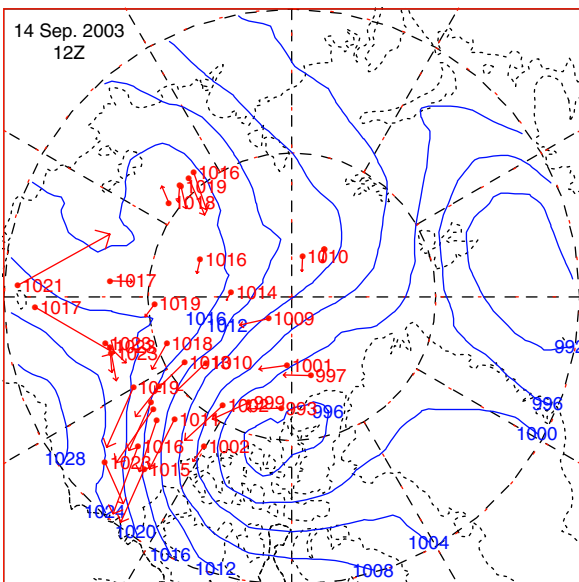
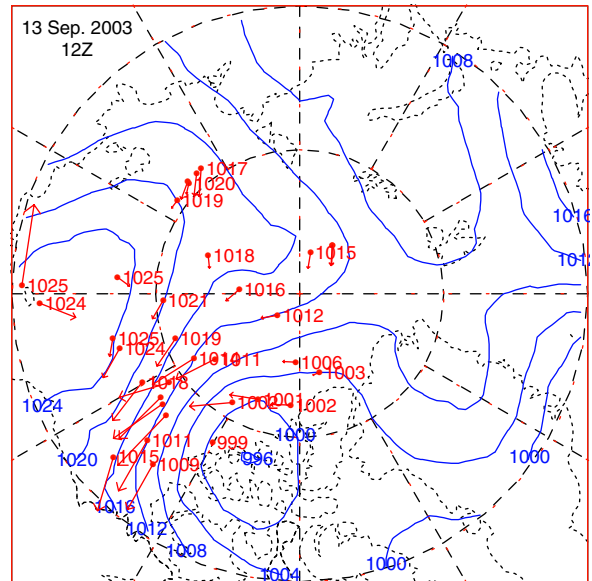
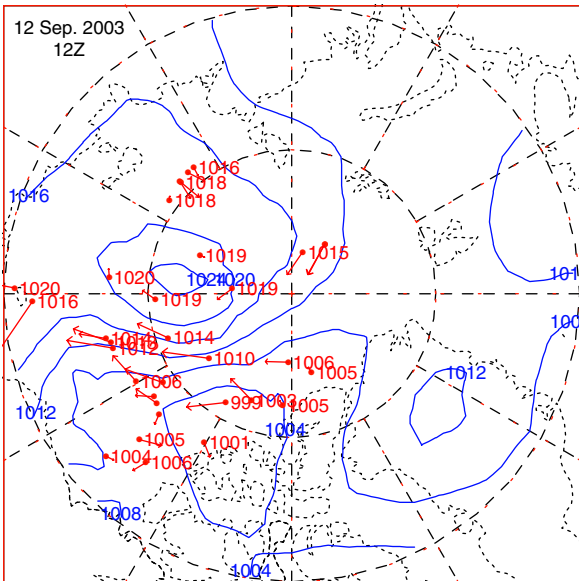
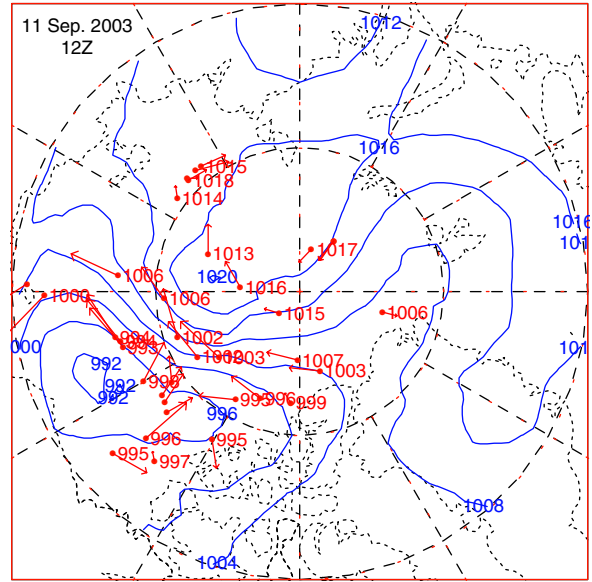
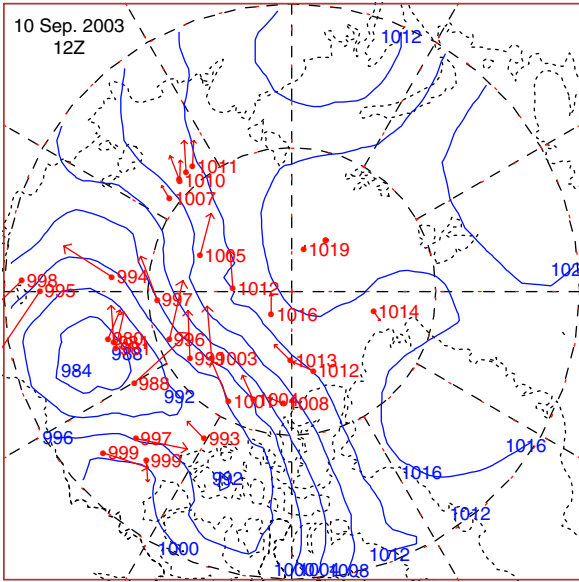
29 AUG 2003 - 3 SEP 2003



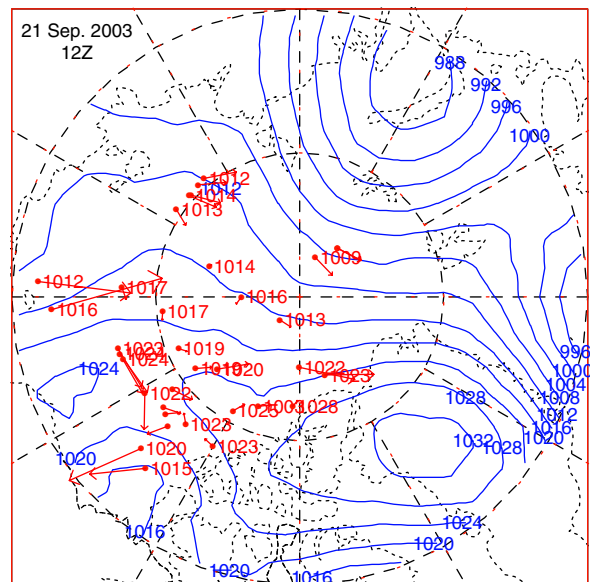
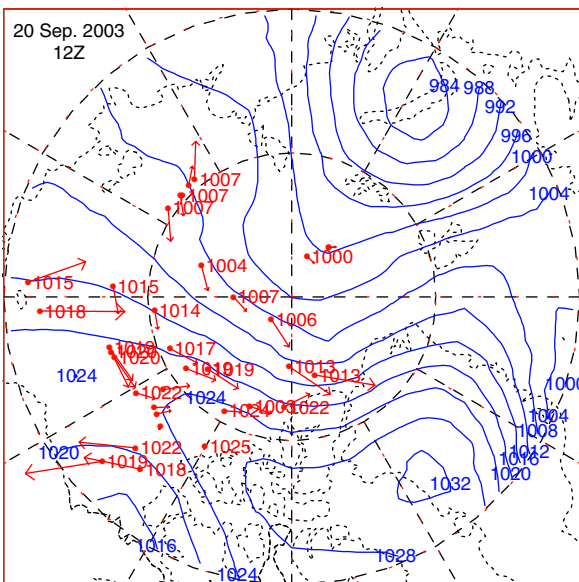
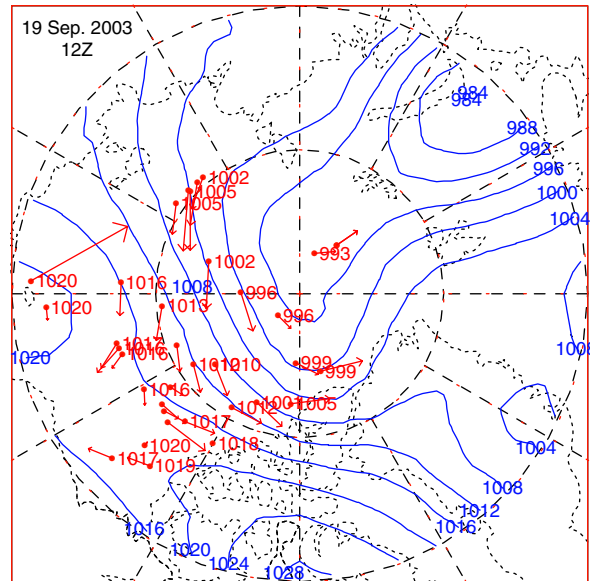
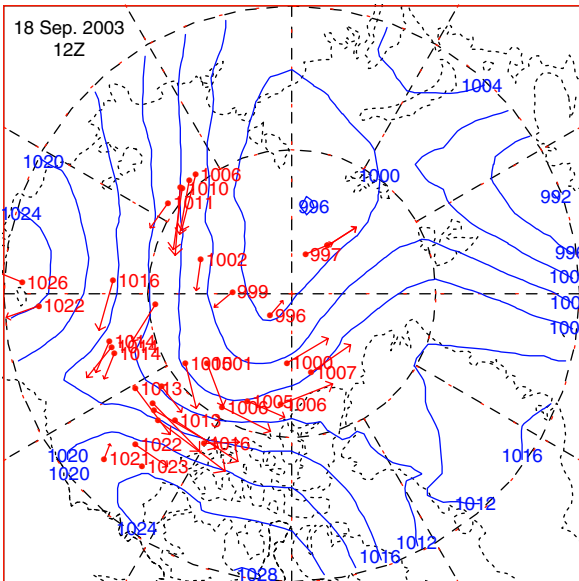
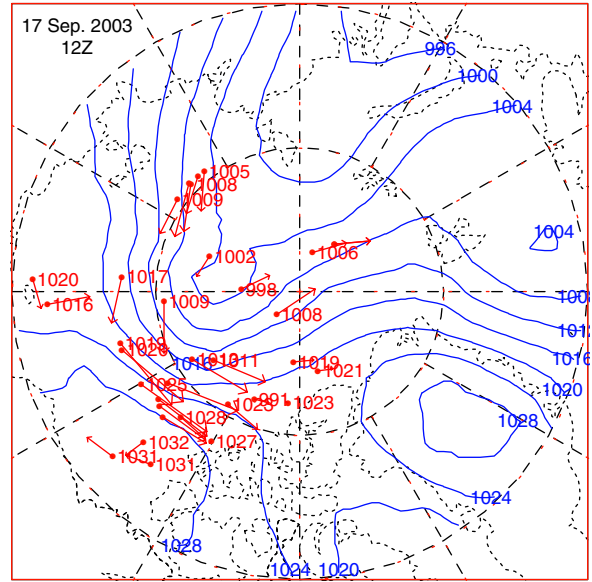
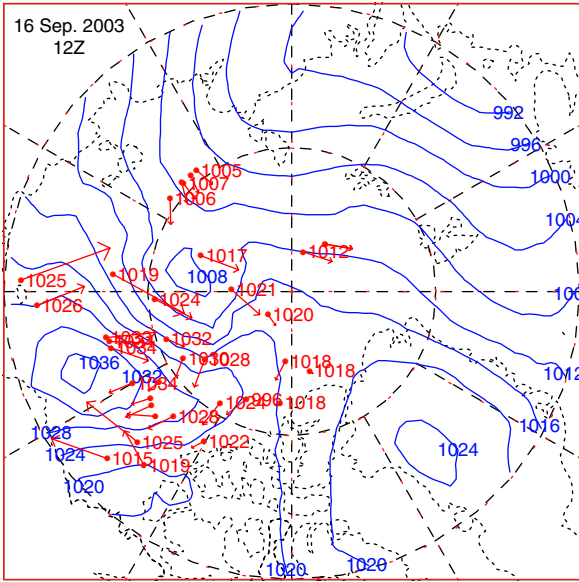
4 SEP 2003 - 9 SEP 2003



10 SEP 2003 - 15 SEP 2003

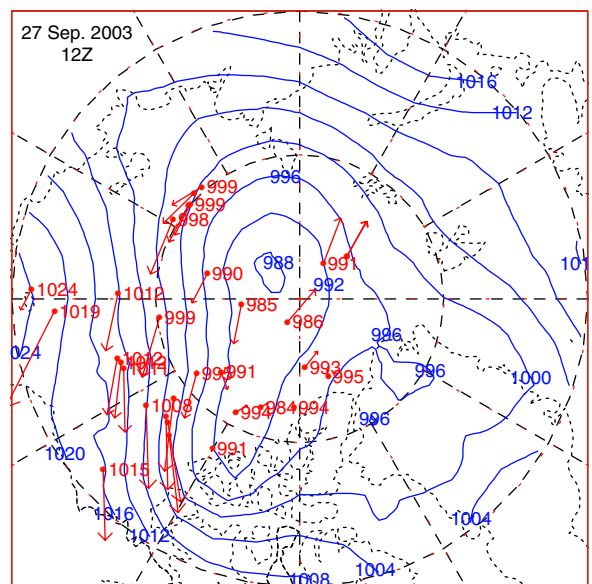
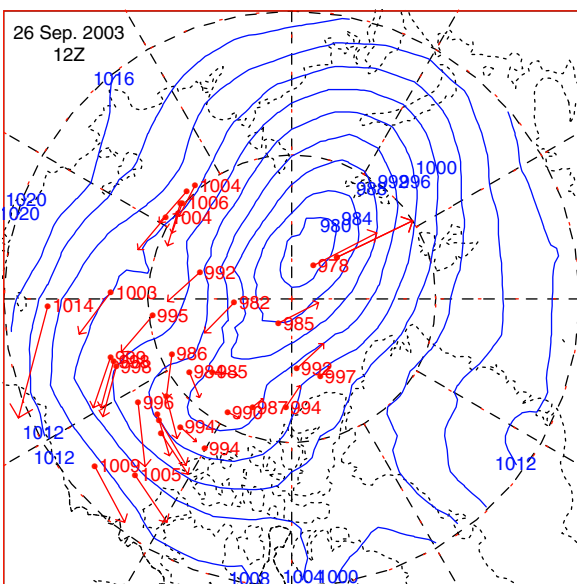
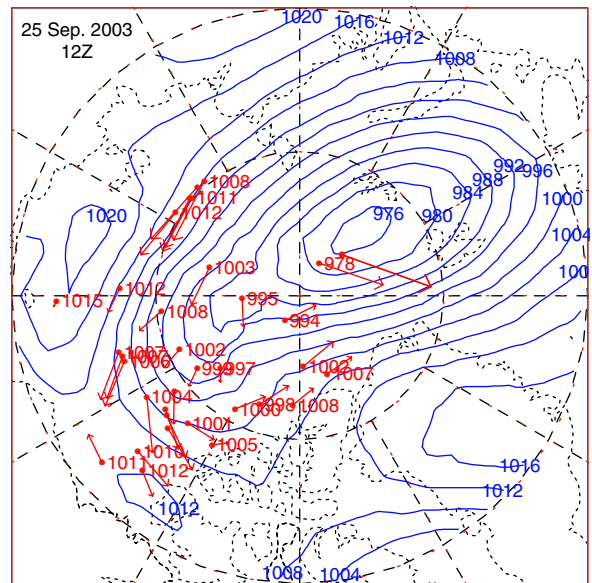
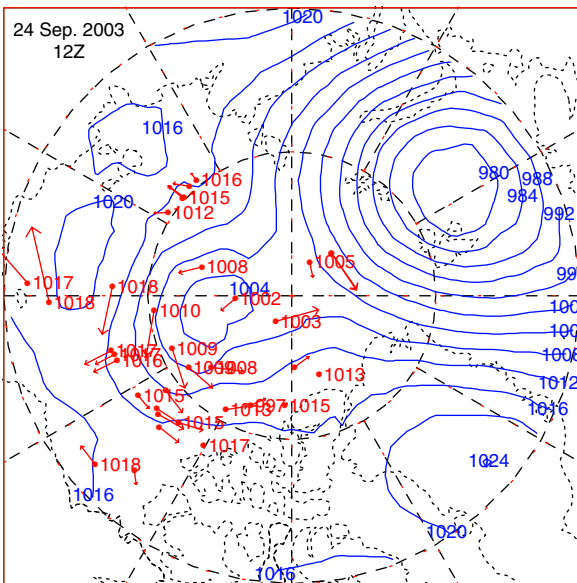
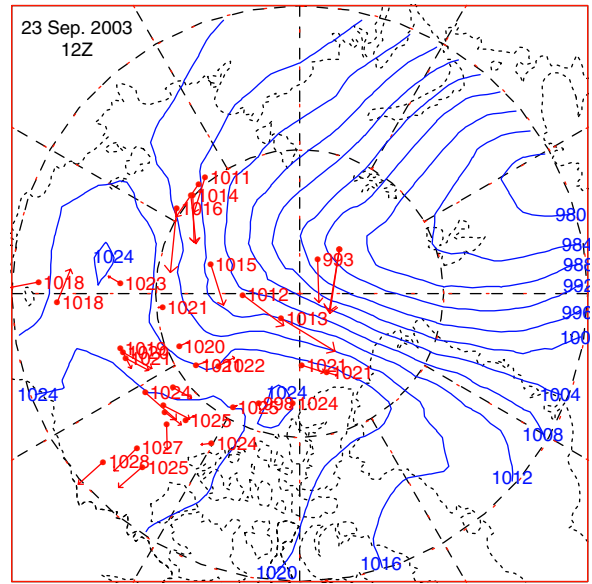
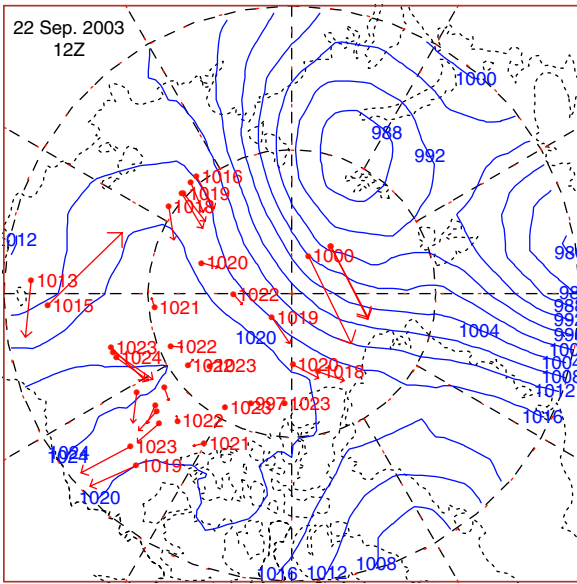


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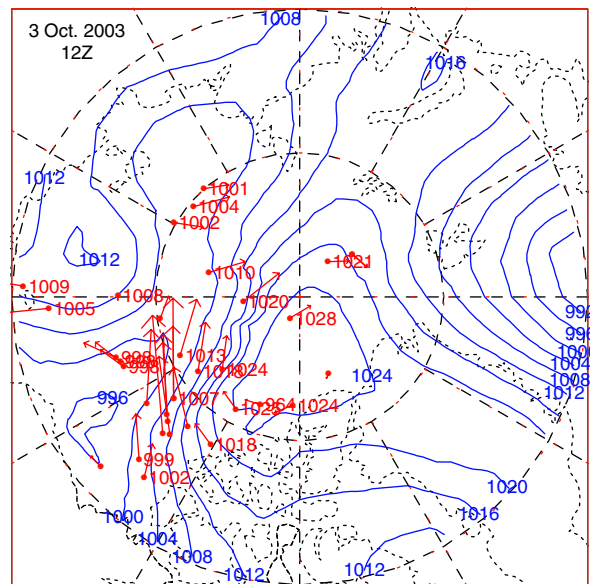
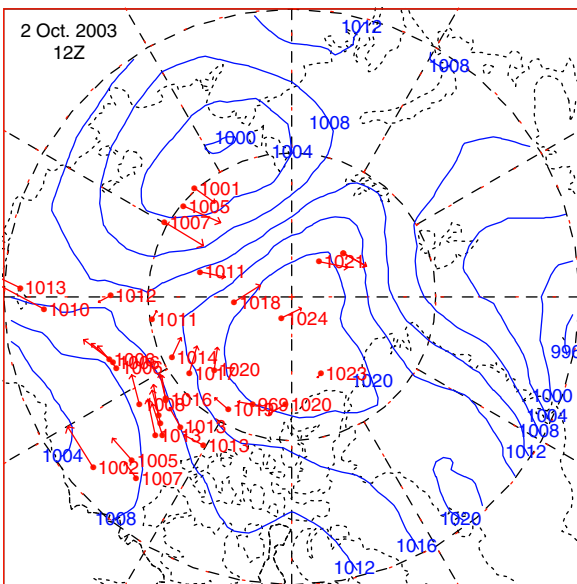
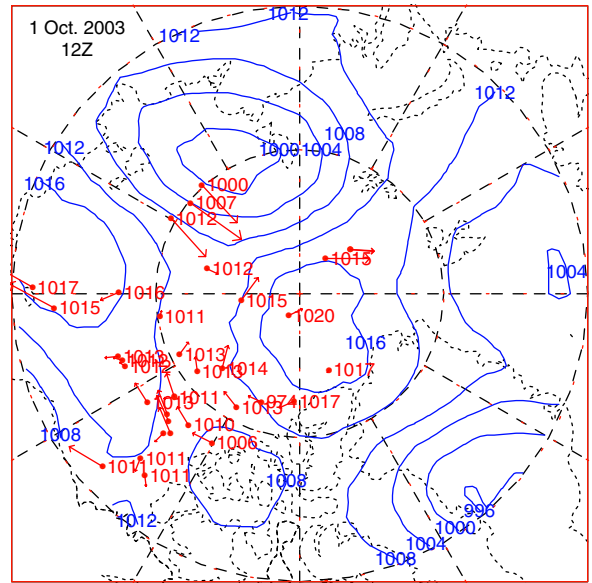
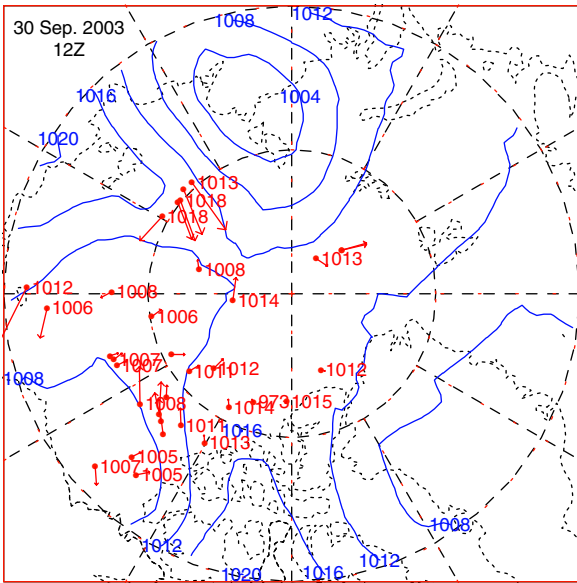
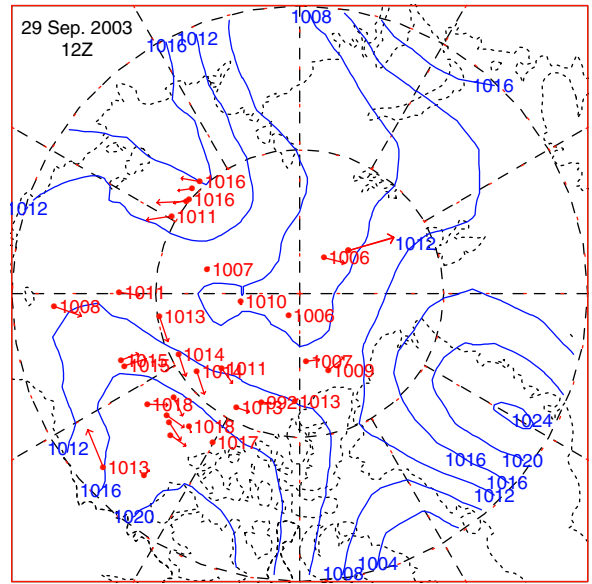
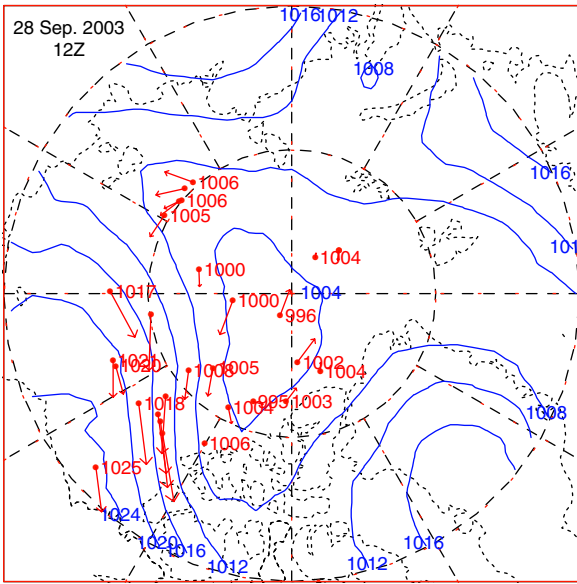




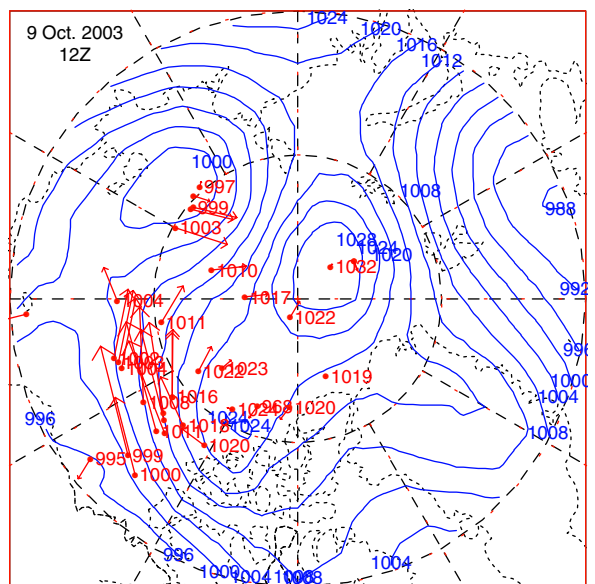
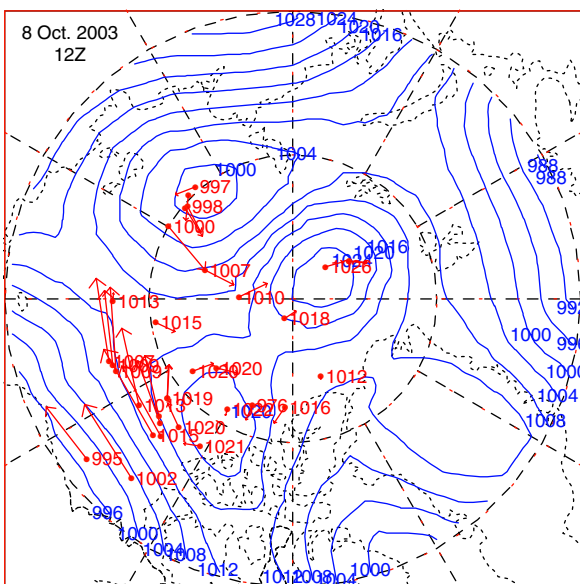
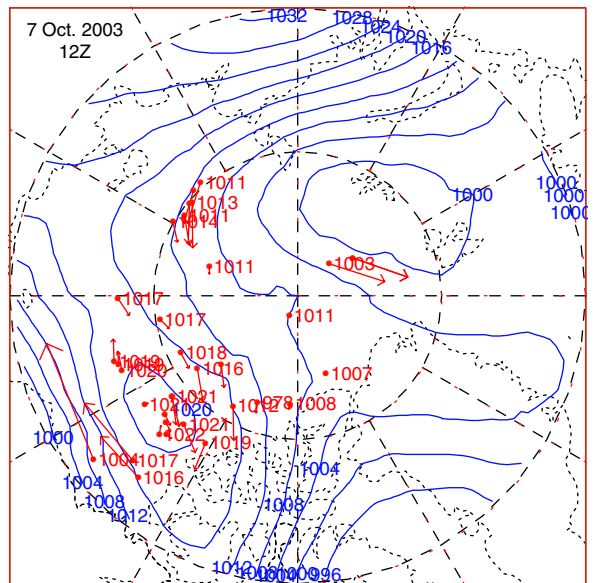
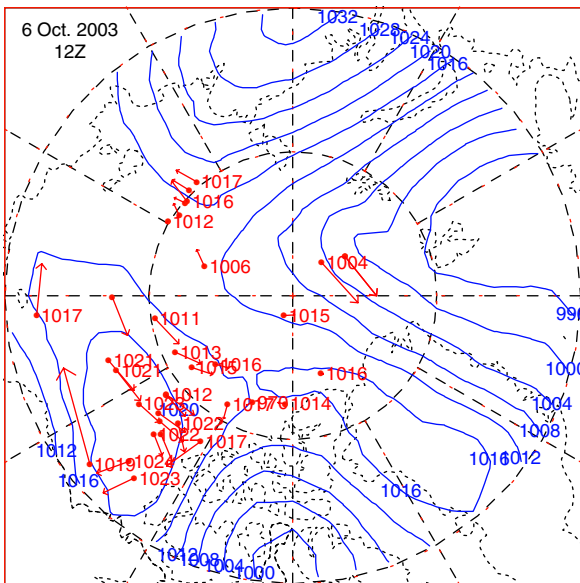
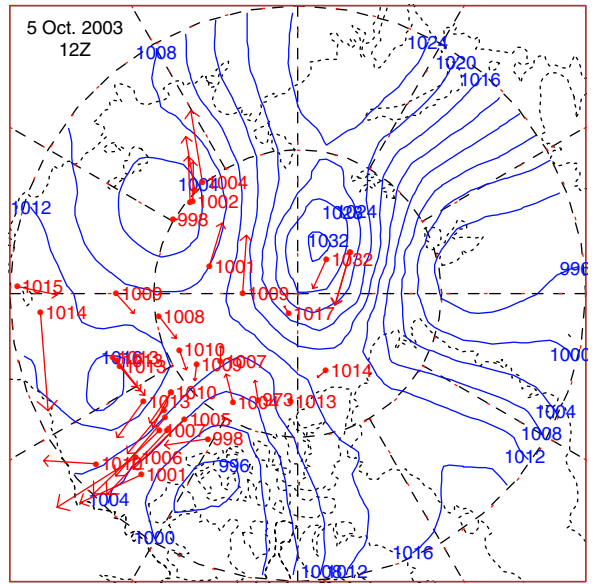
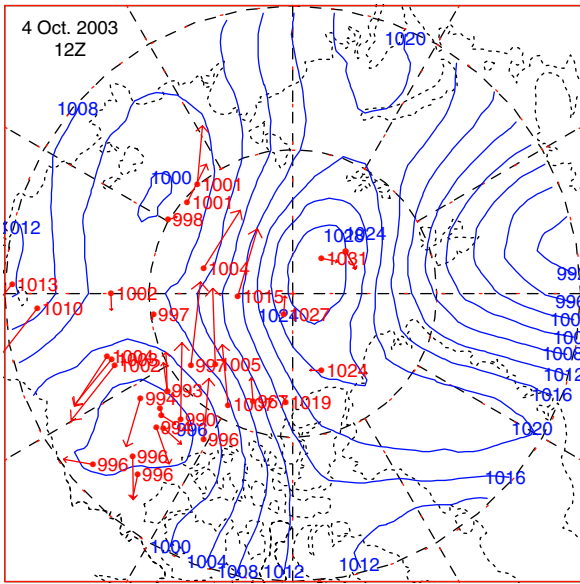
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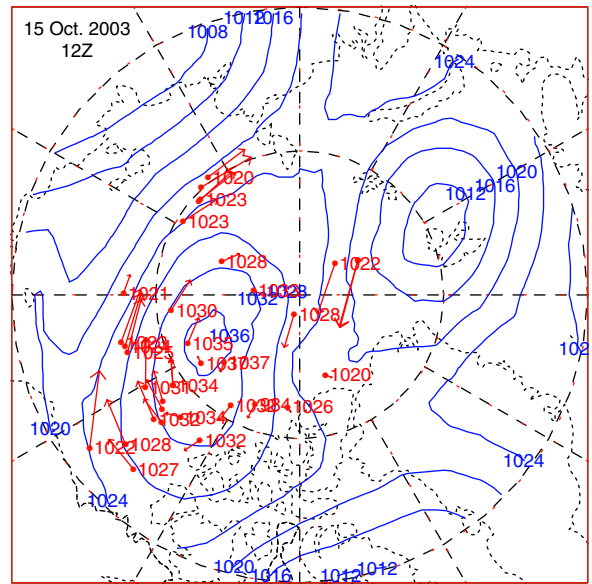
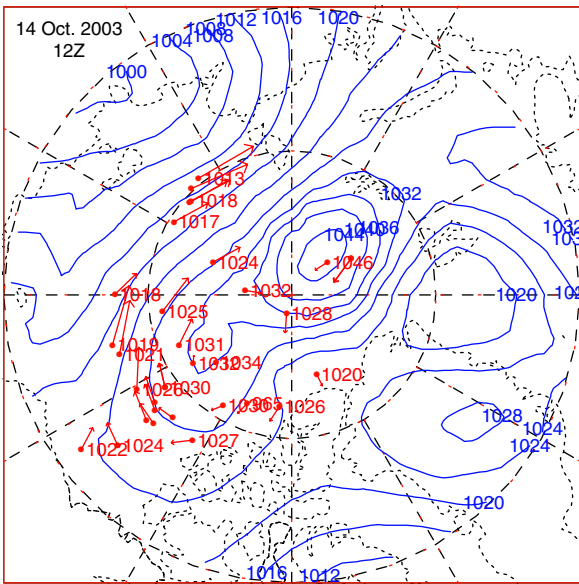
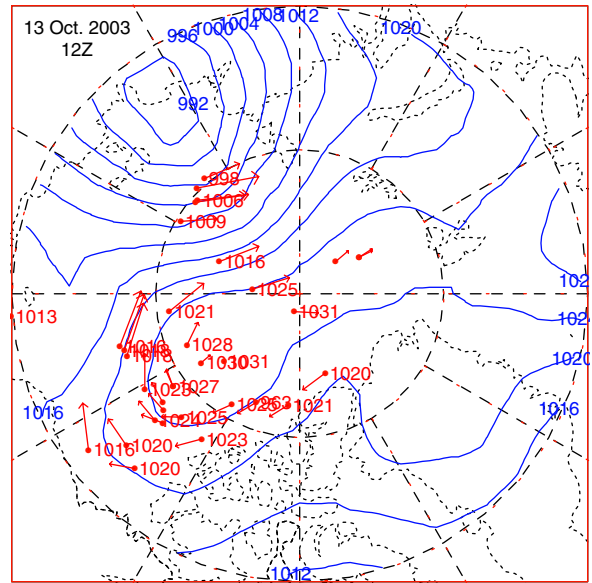
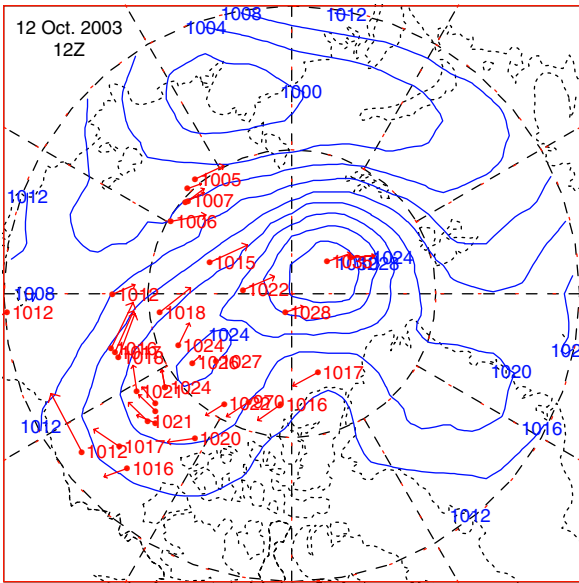
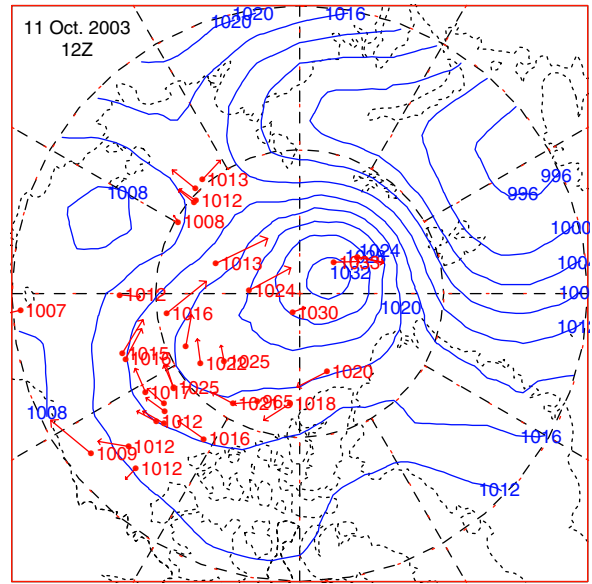
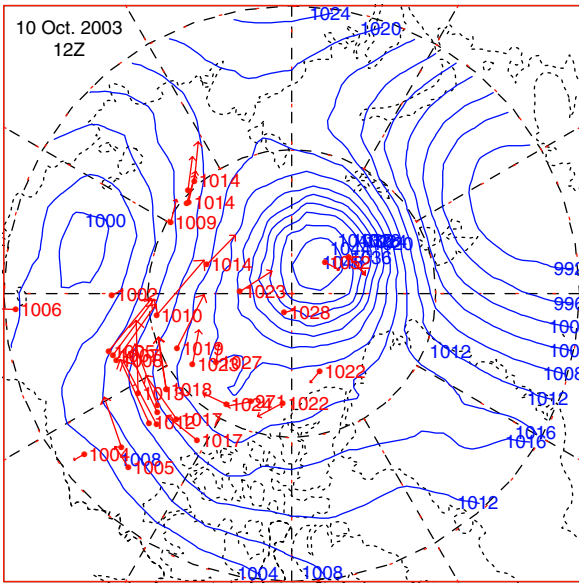
28 SEP 2003 - 3 OCT 2003



4 OCT 2003 - 9 OCT 2003

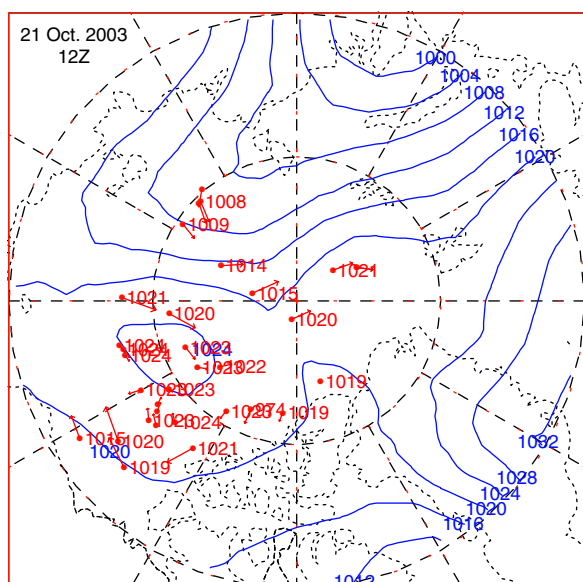
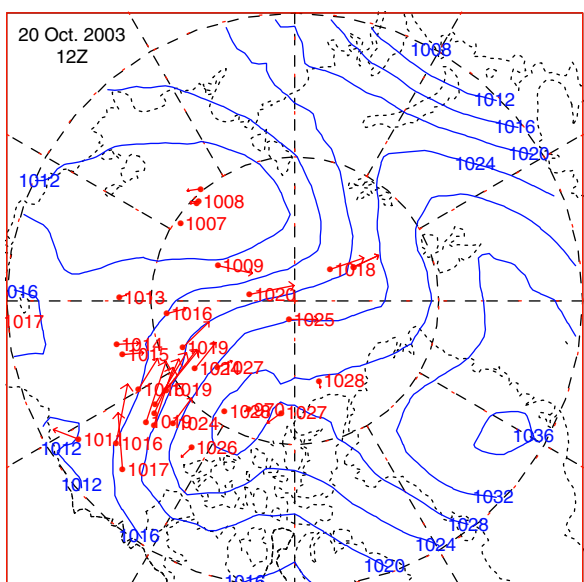
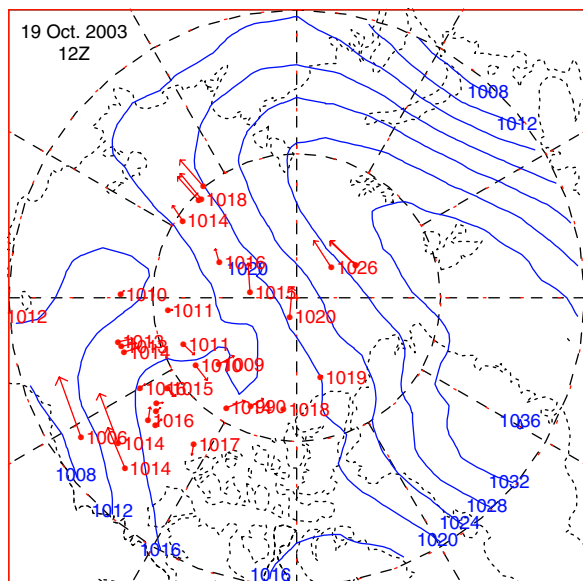
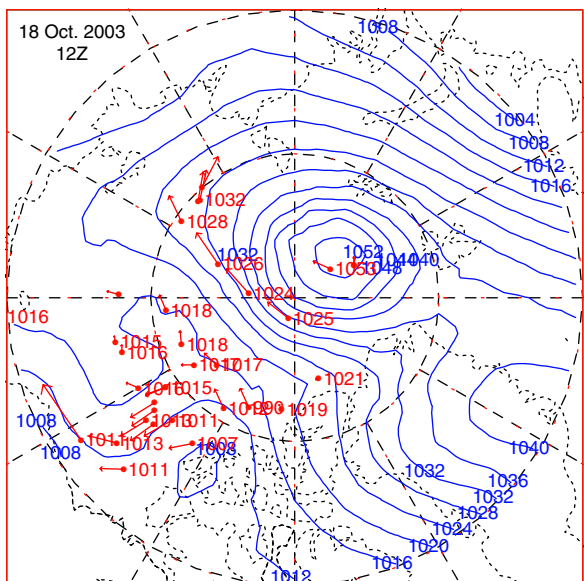
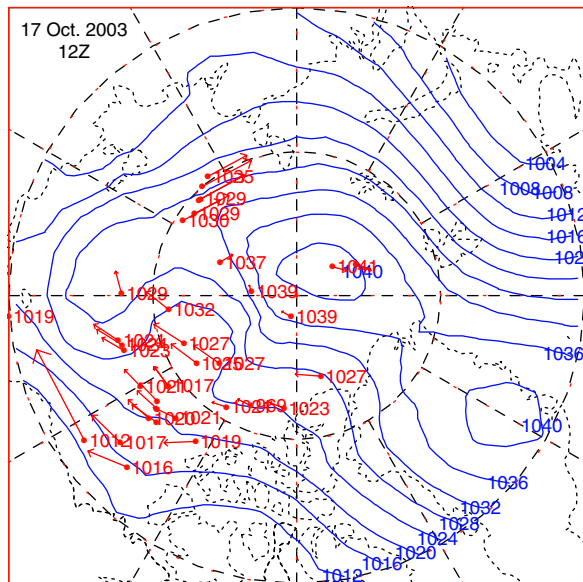
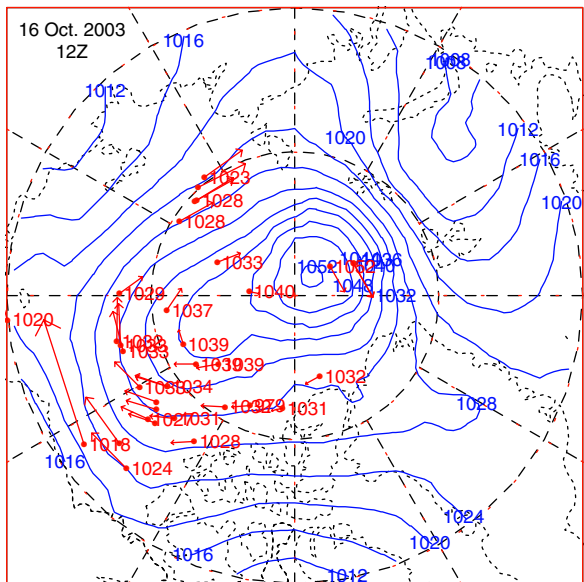


10 OCT 2003 - 15 OCT 2003

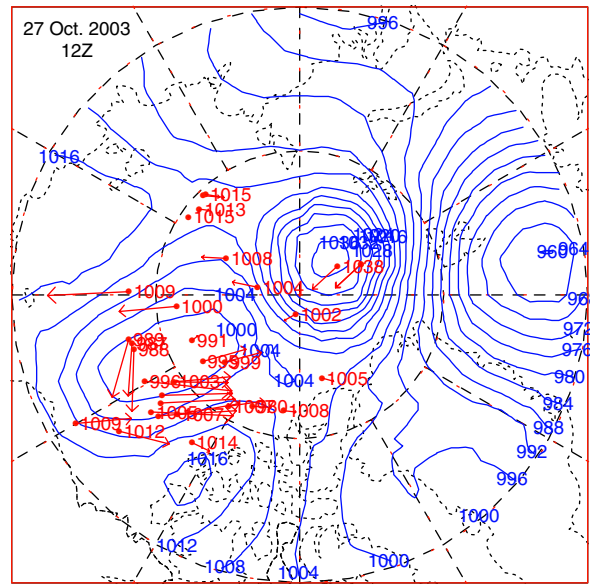
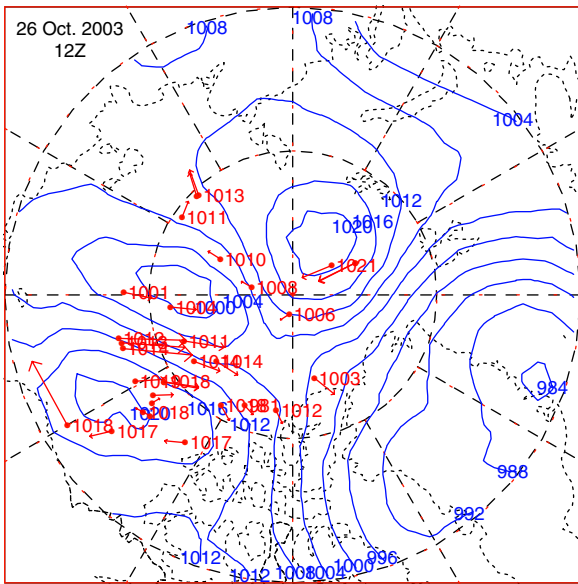
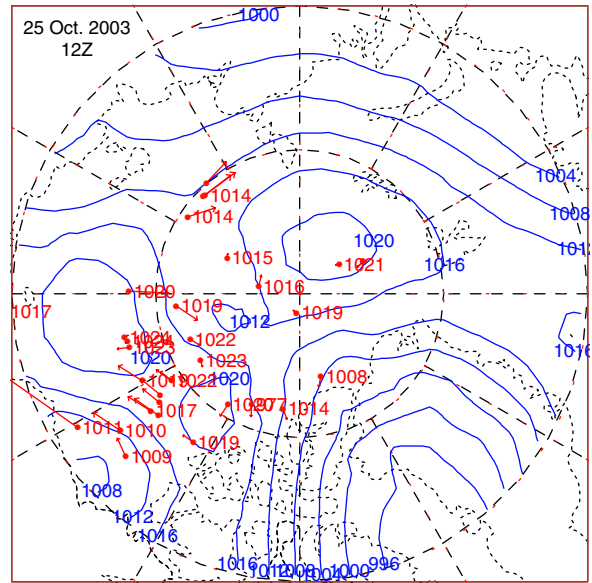
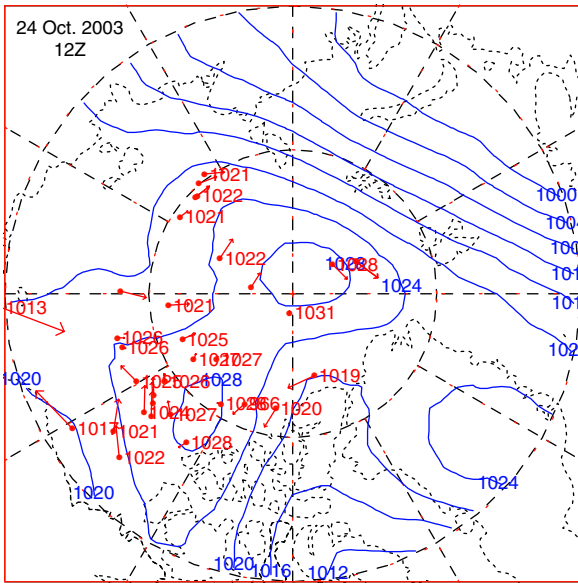
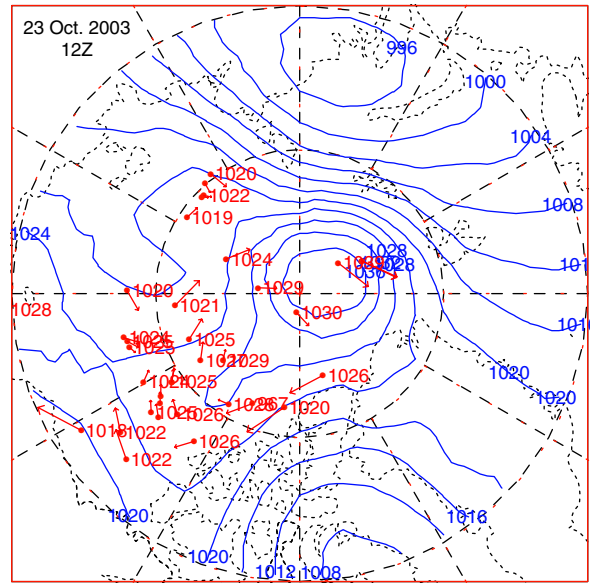
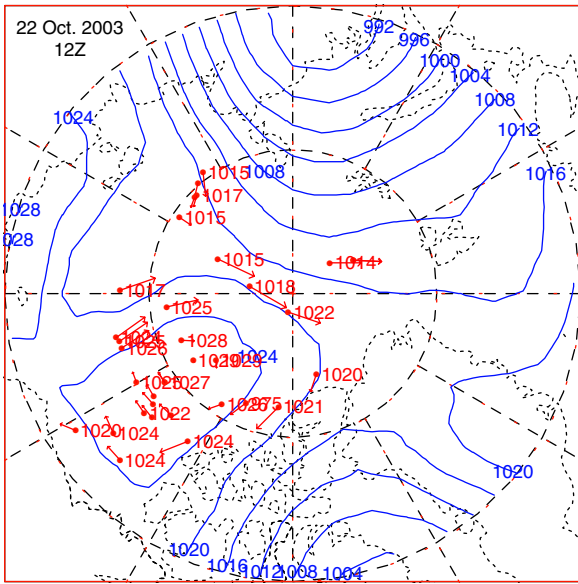




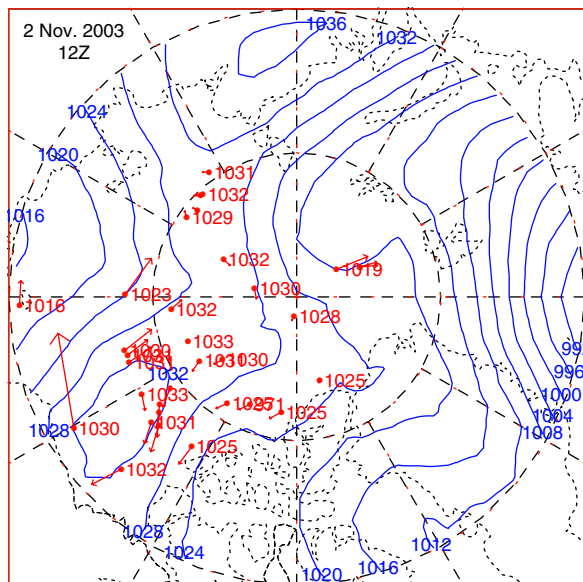
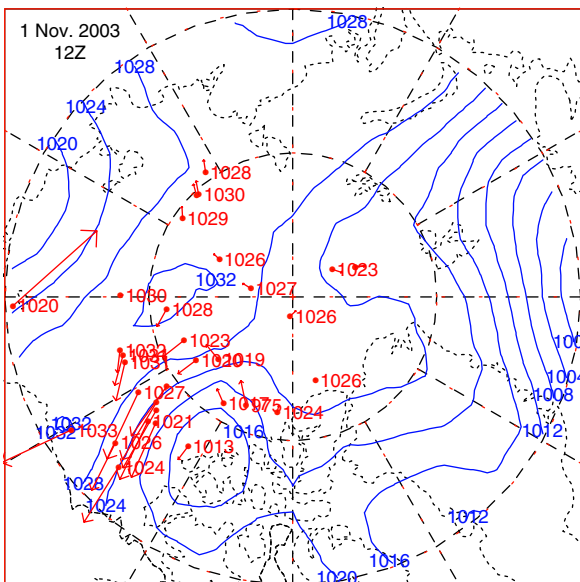
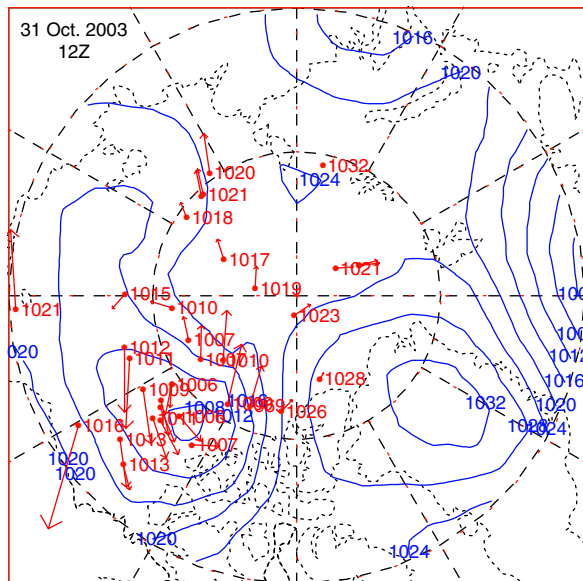
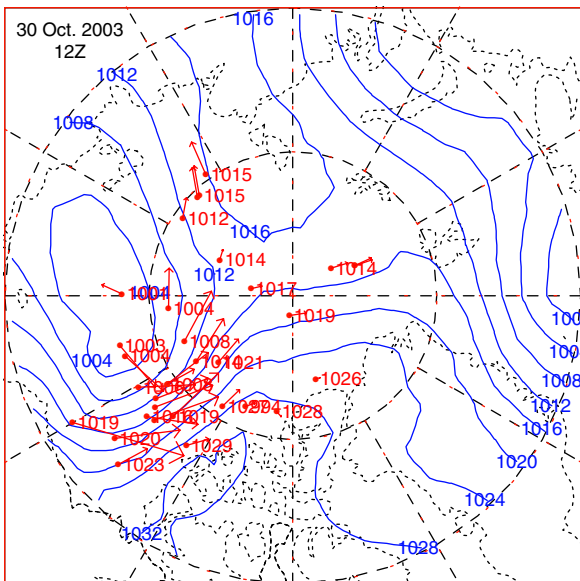
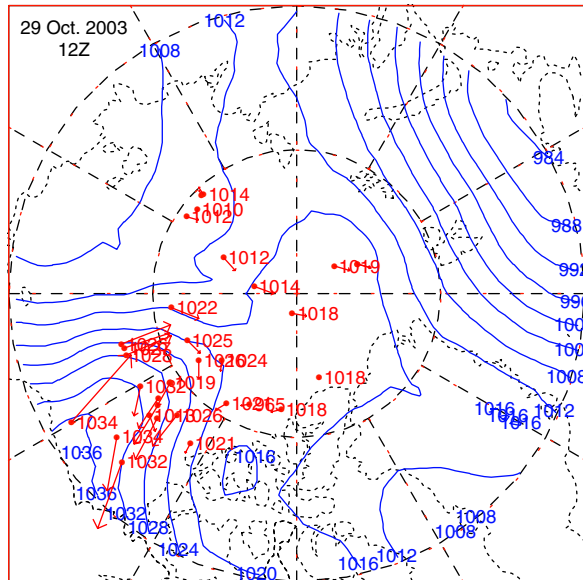
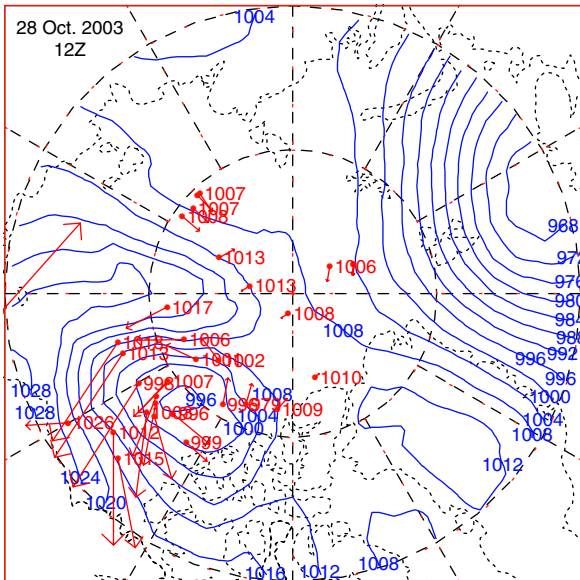
16 OCT 2003 - 21 OCT 2003



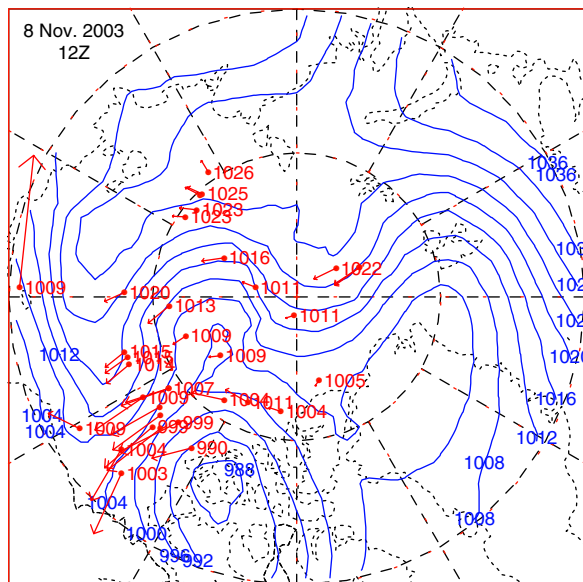
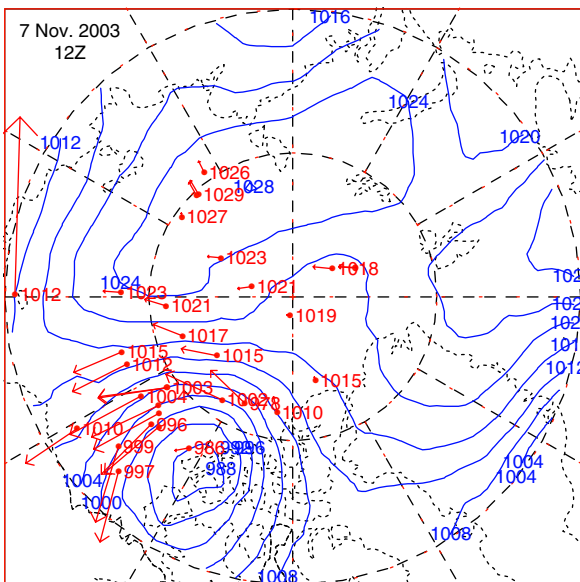
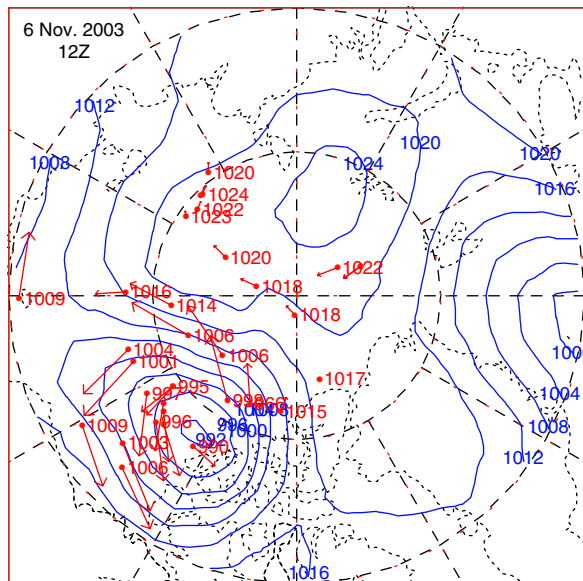
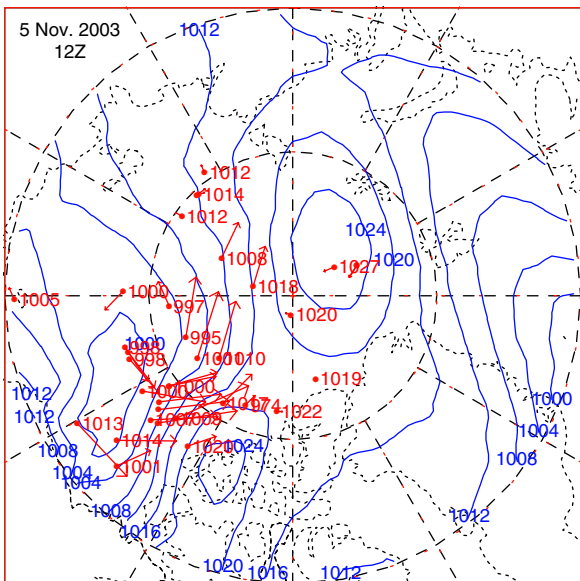
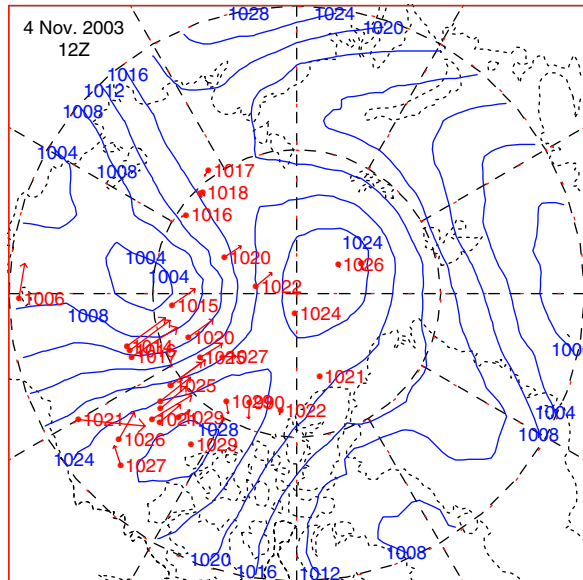
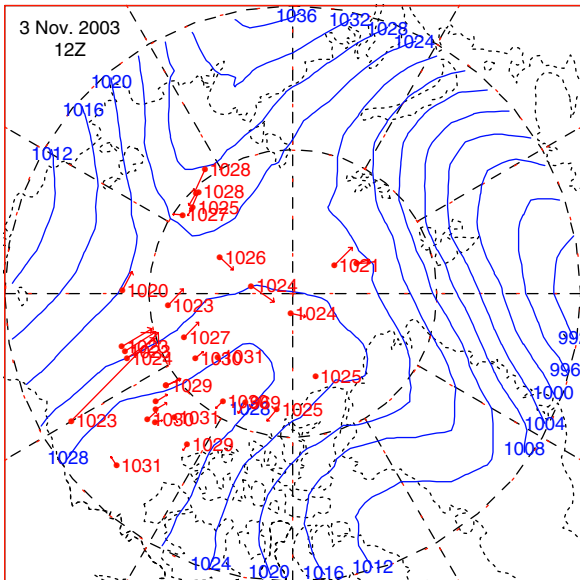
22 OCT 2003 - 27 OCT 2003



28 OCT 2003 - 2 NOV 2003

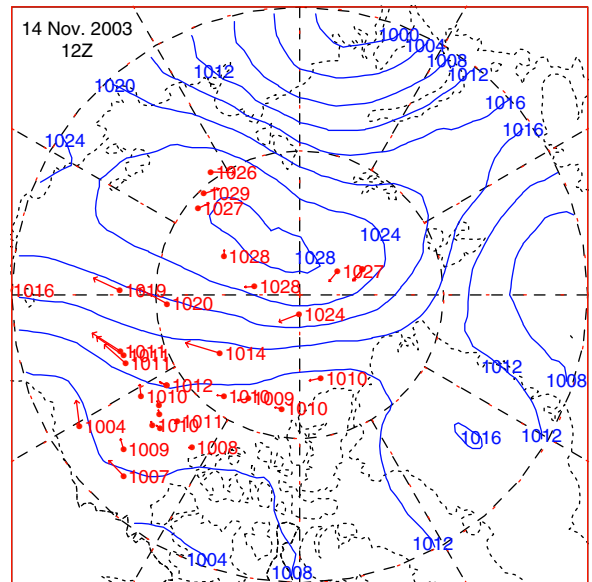
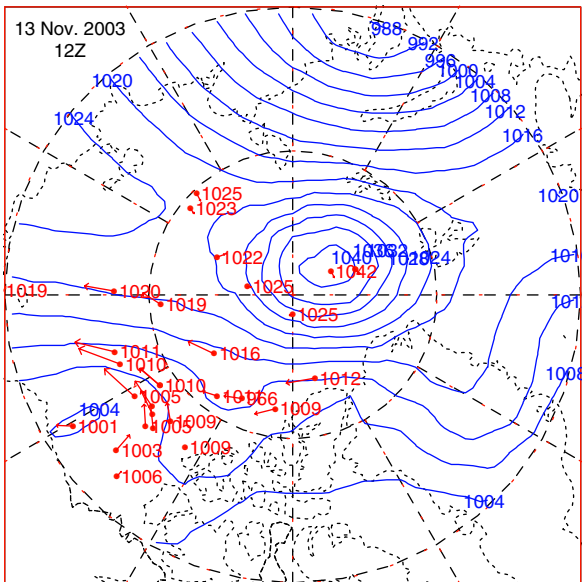
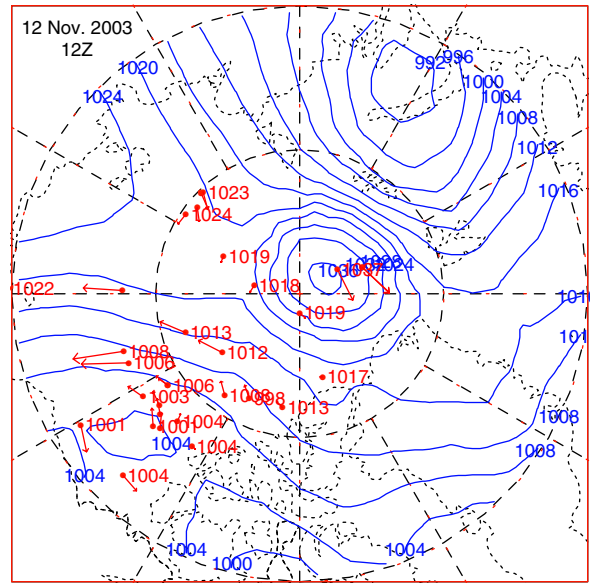
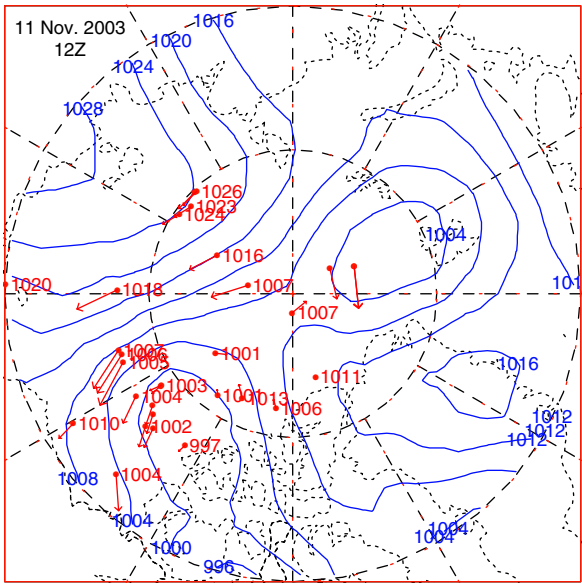
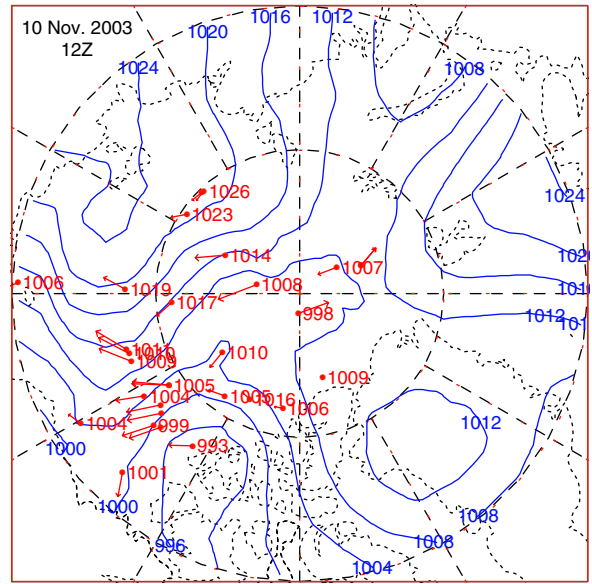
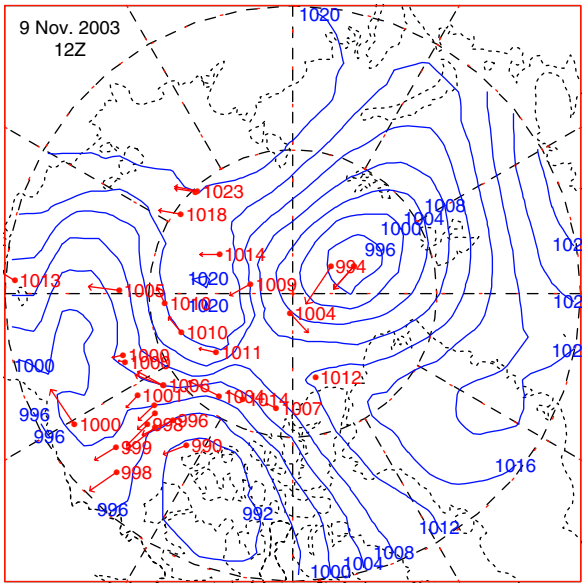


3 NOV 2003 - 8 NOV 2003

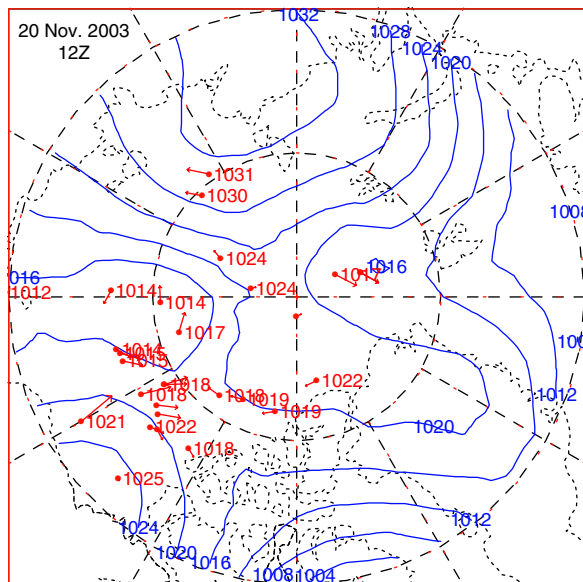
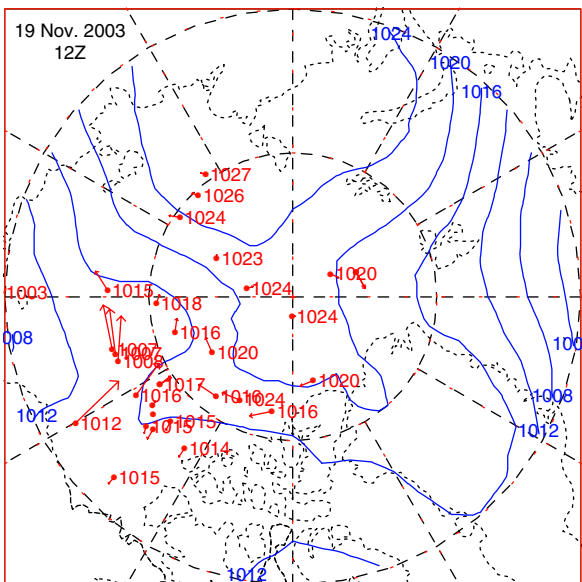
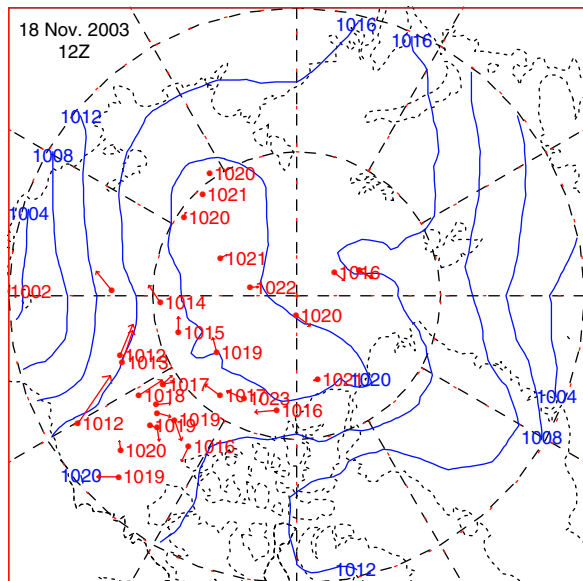
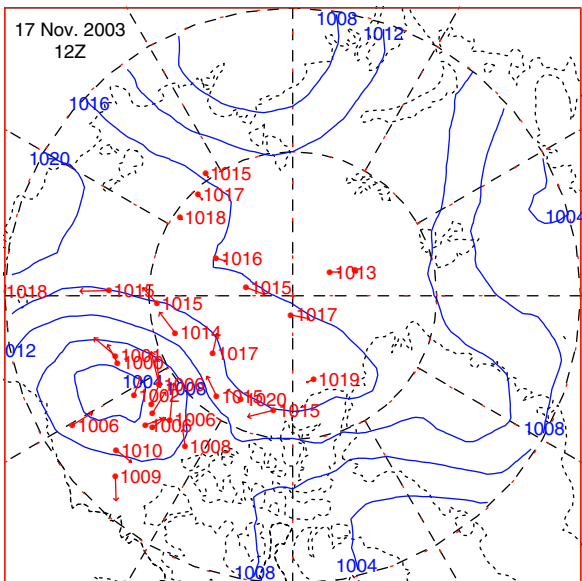
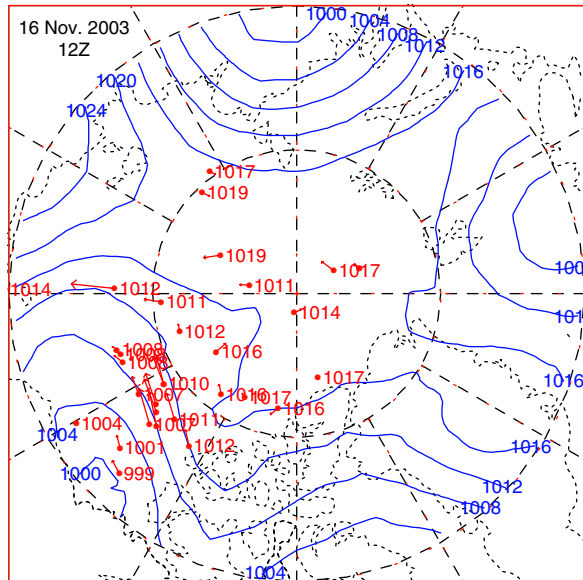
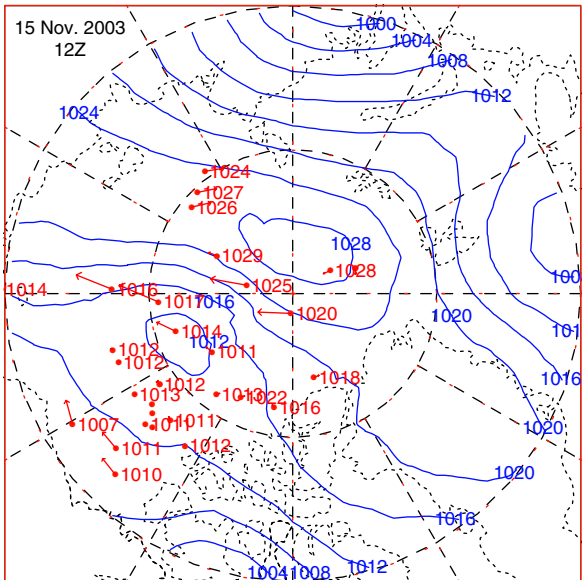




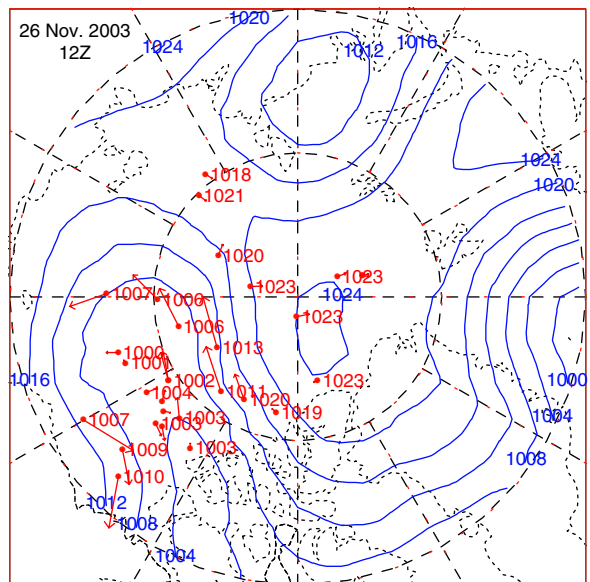
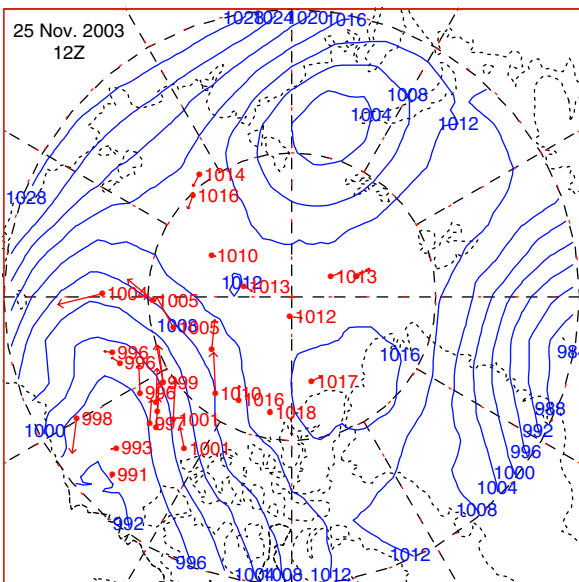
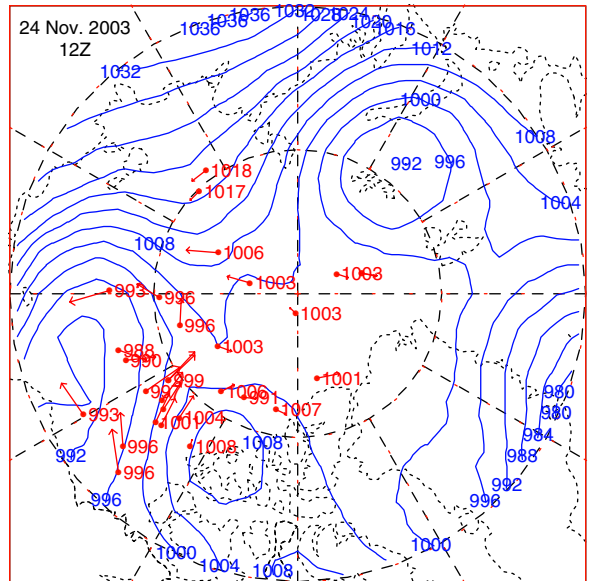
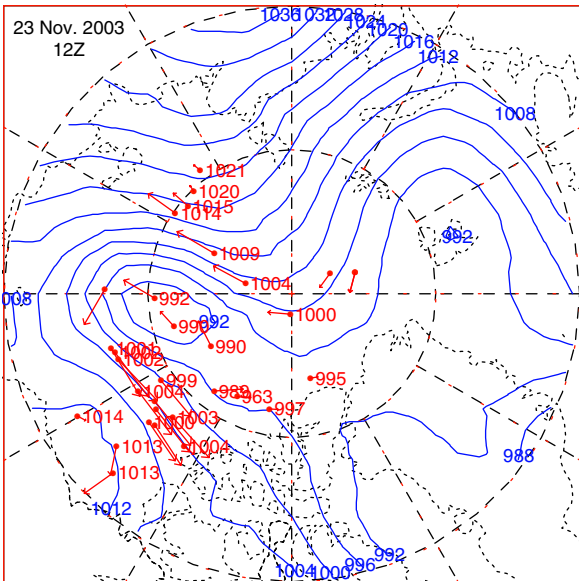
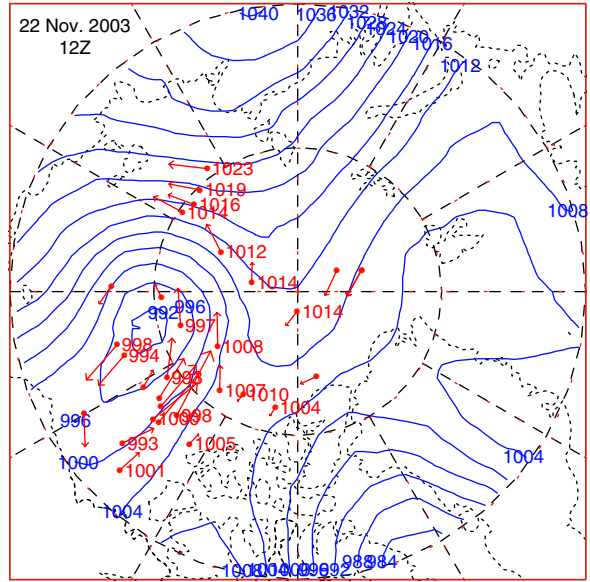
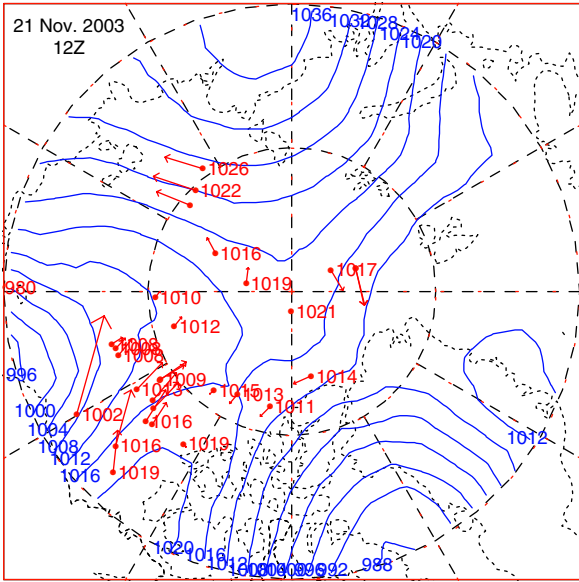
9 NOV 2003 - 14 NOV 2003



15 NOV 2003 - 20 NOV 2003



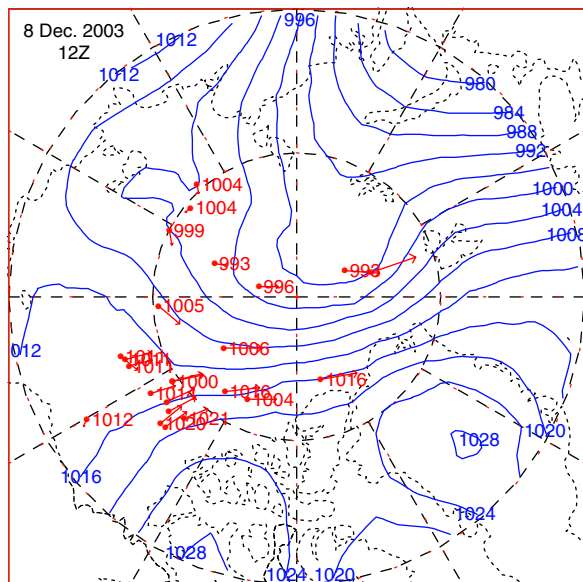
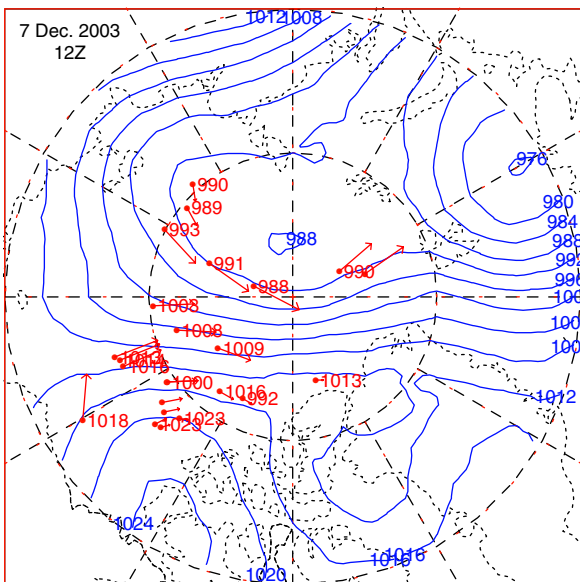
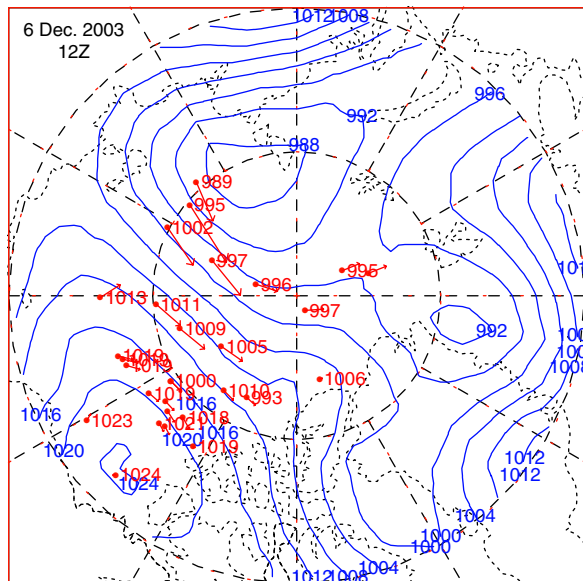
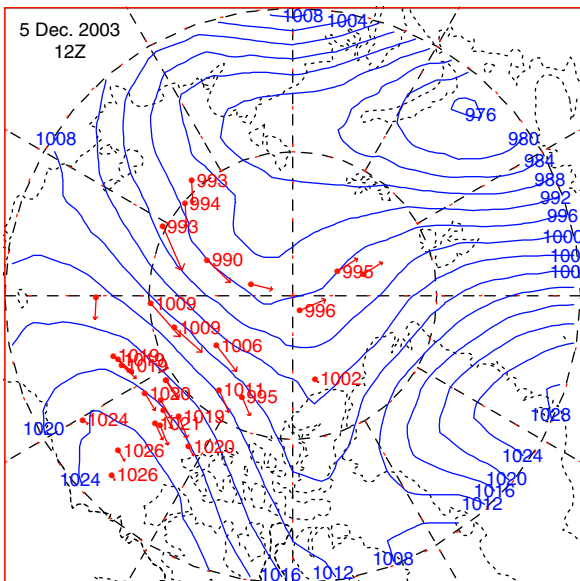
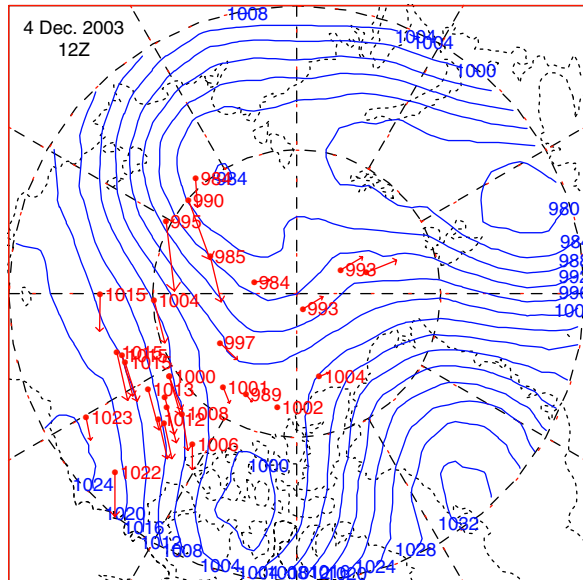
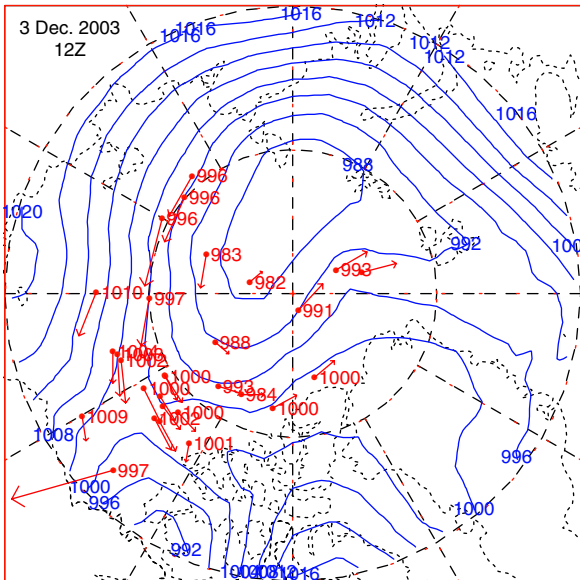
21 NOV 2003 - 26 NOV 2003



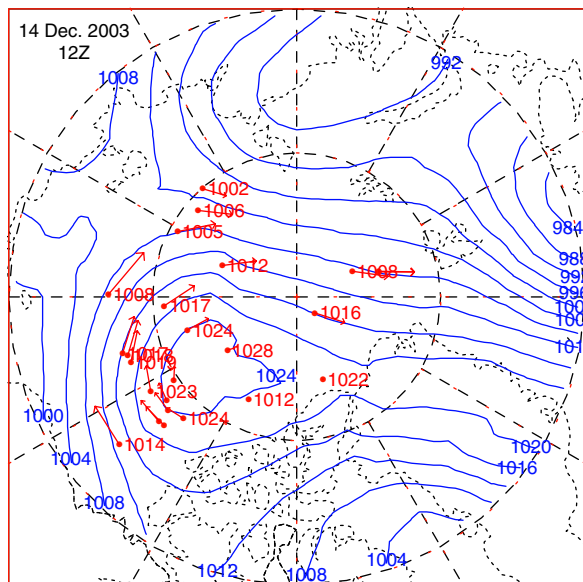
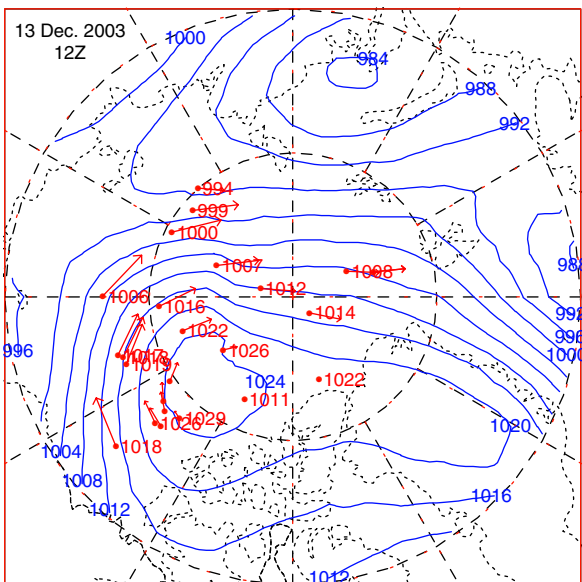
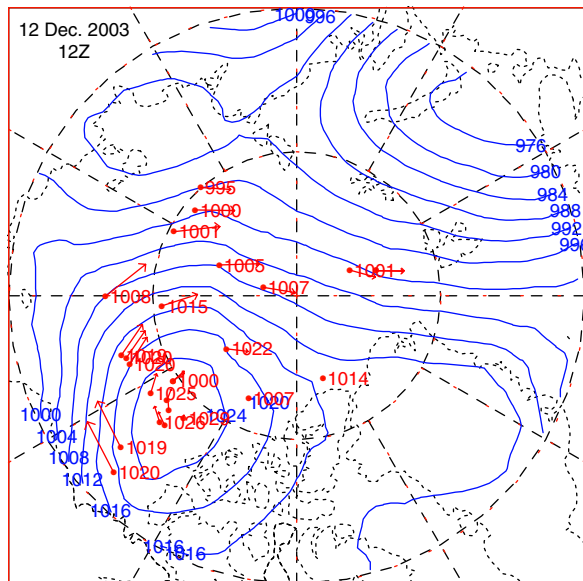
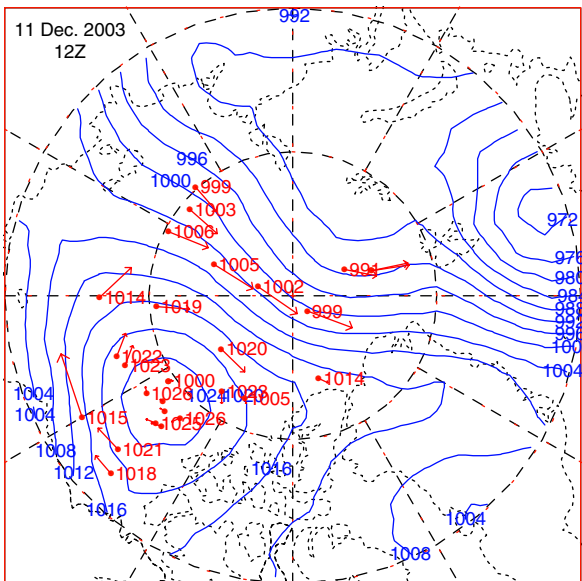
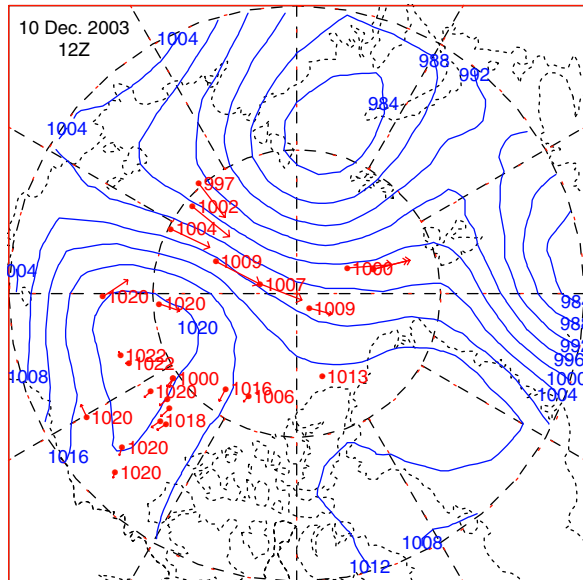
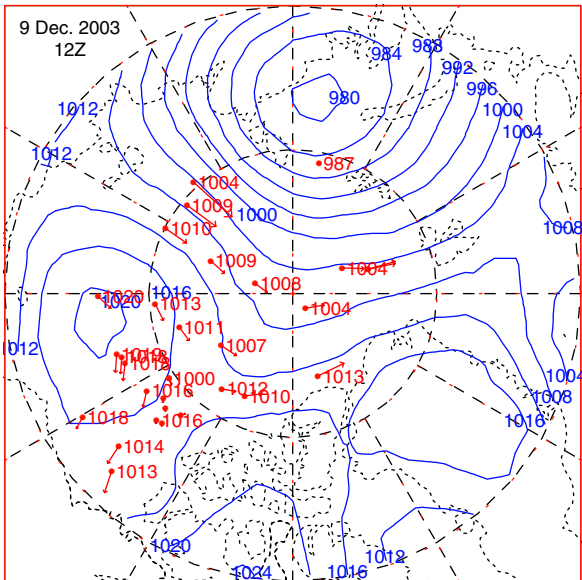




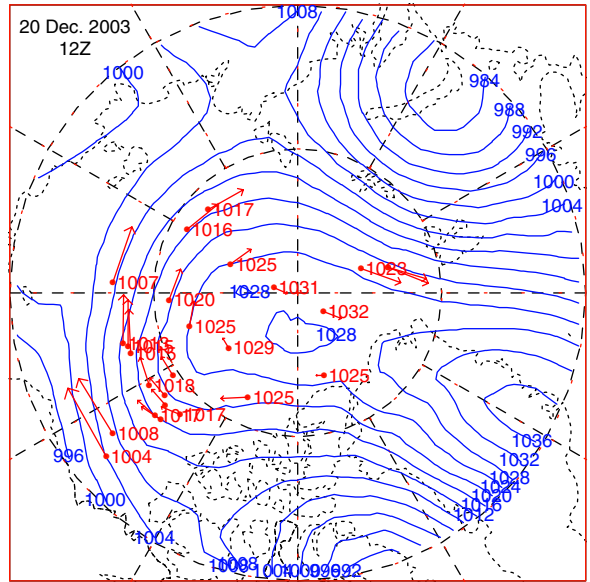
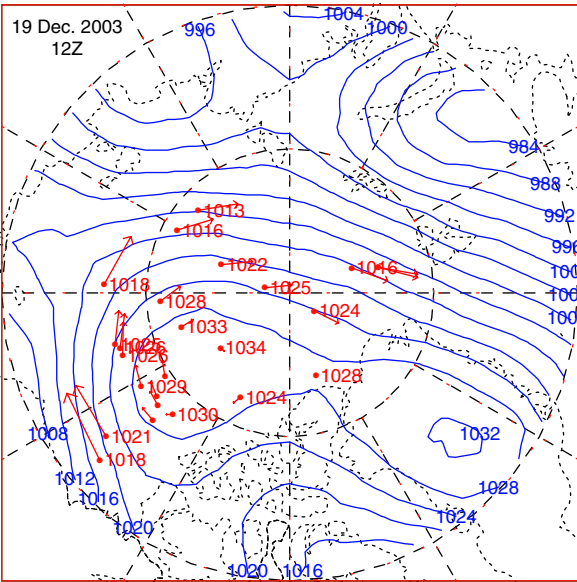
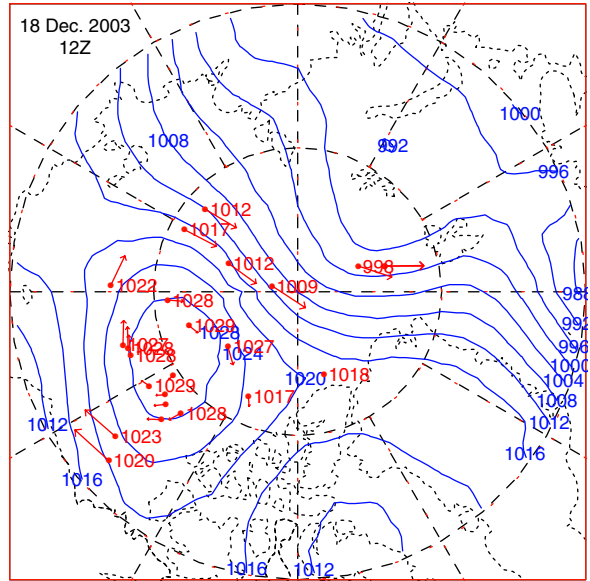
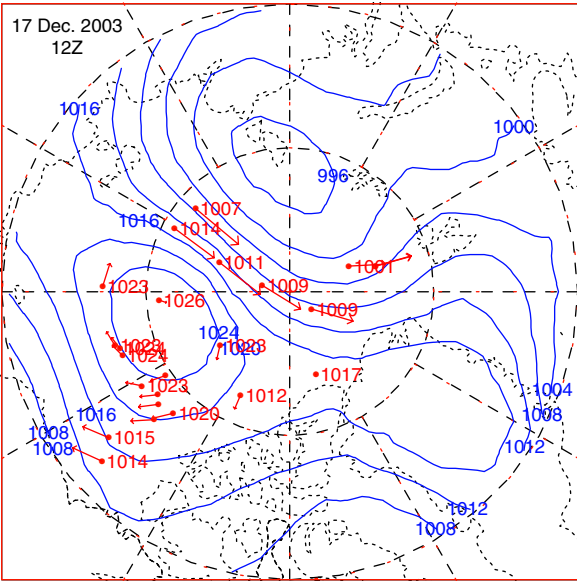
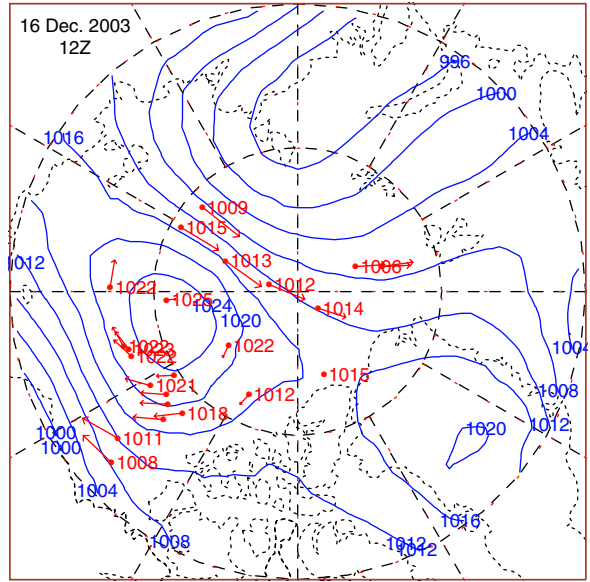
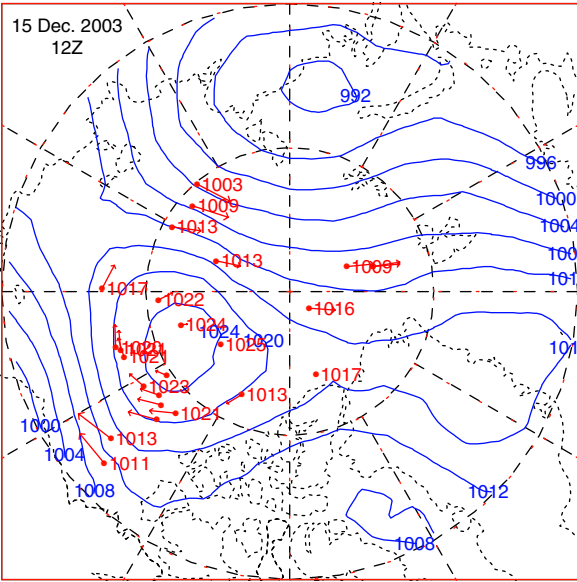
3 DEC 2003 - 8 DEC 2003



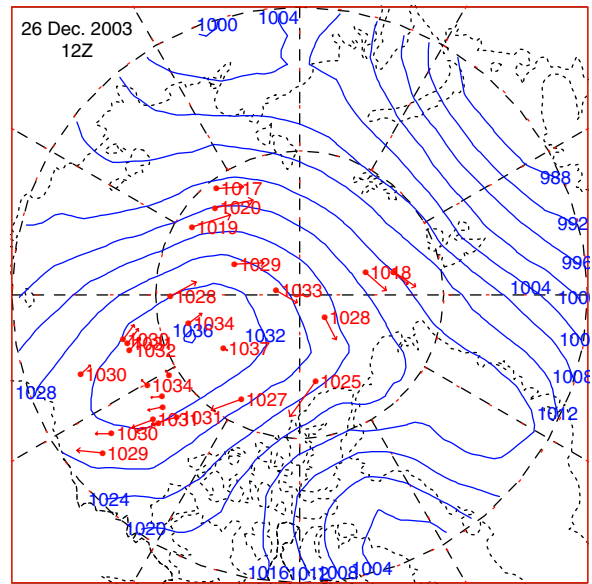
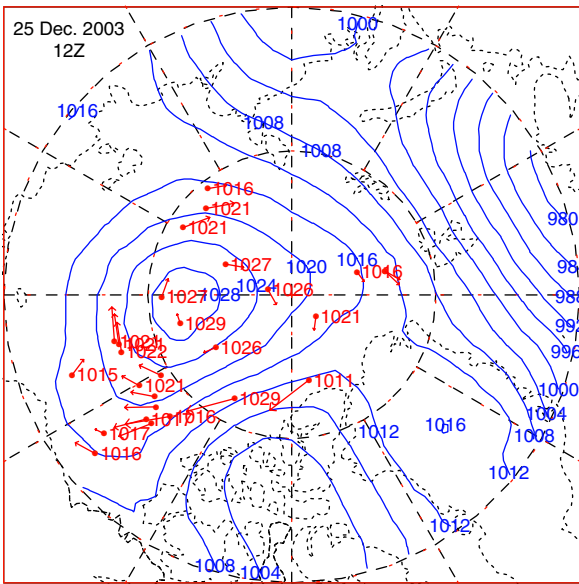
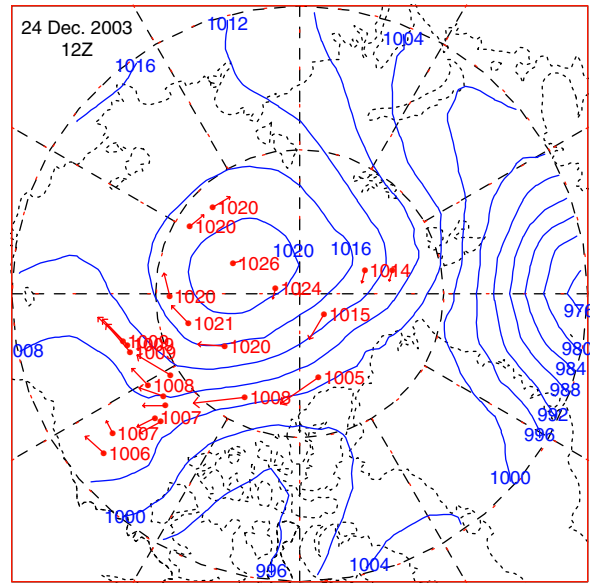
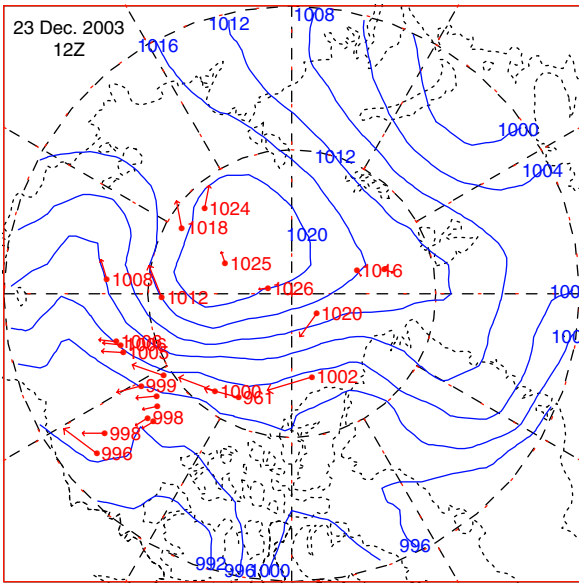
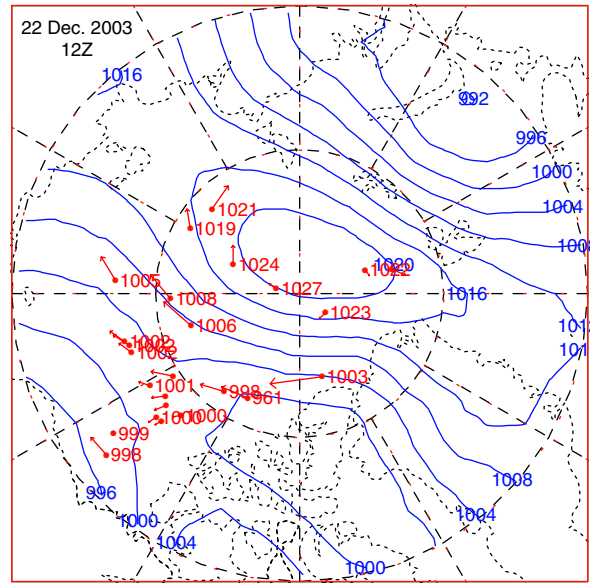
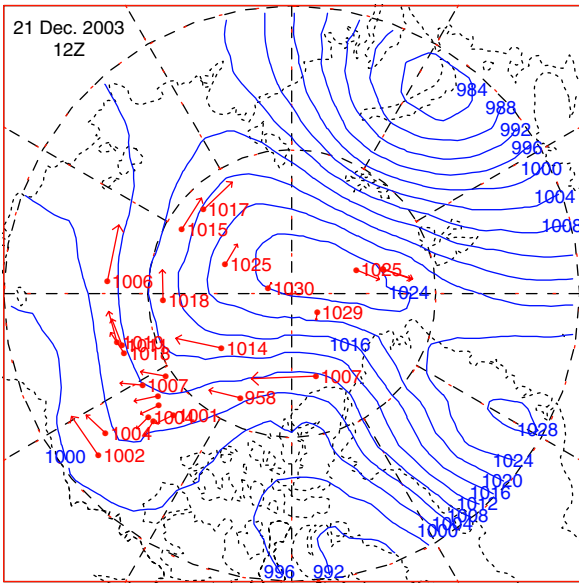
9 DEC 2003 - 14 DEC 2003



15 DEC 2003 - 20 DEC 2003

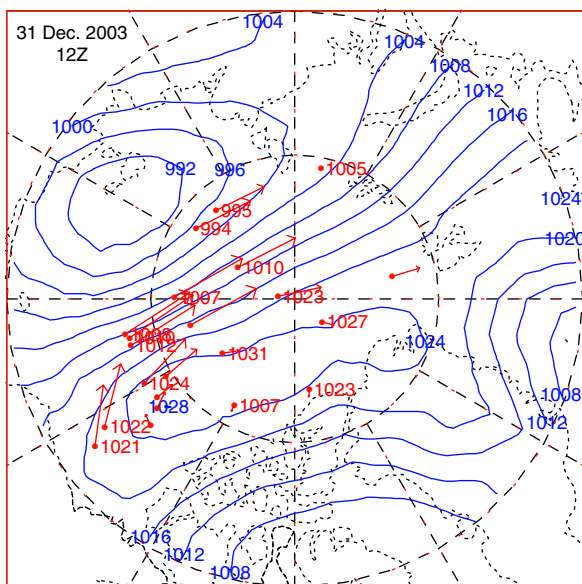
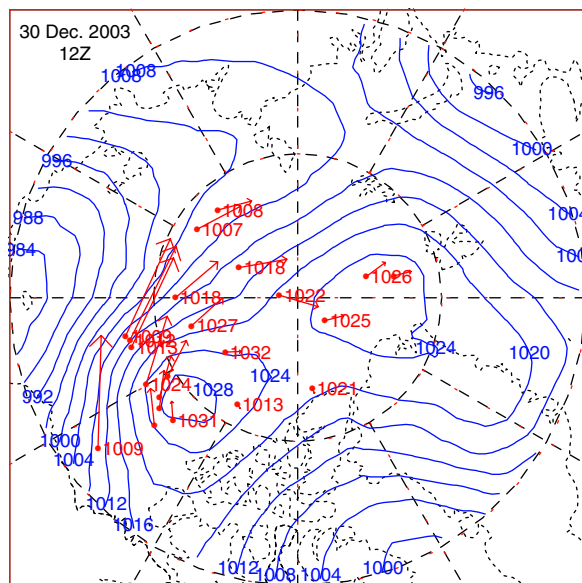
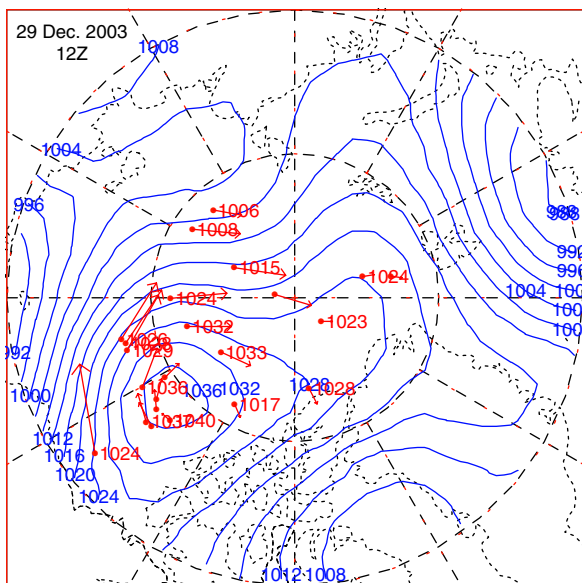
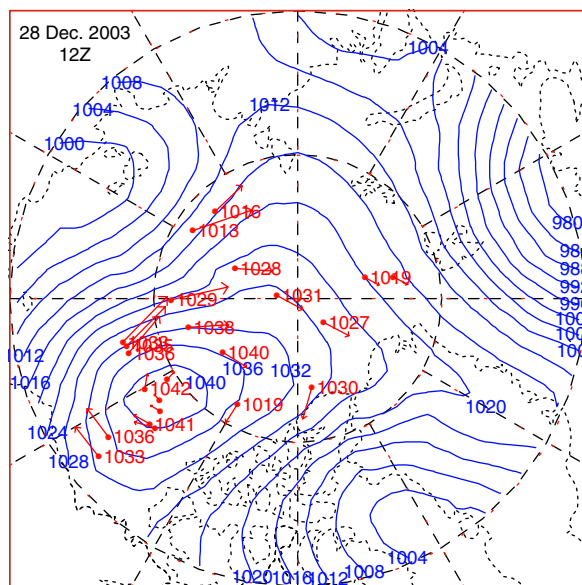
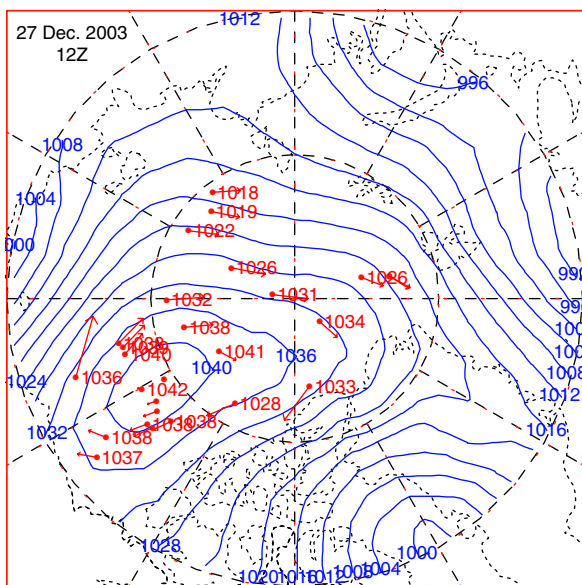


21 DEC 2003 - 26 DEC 2003





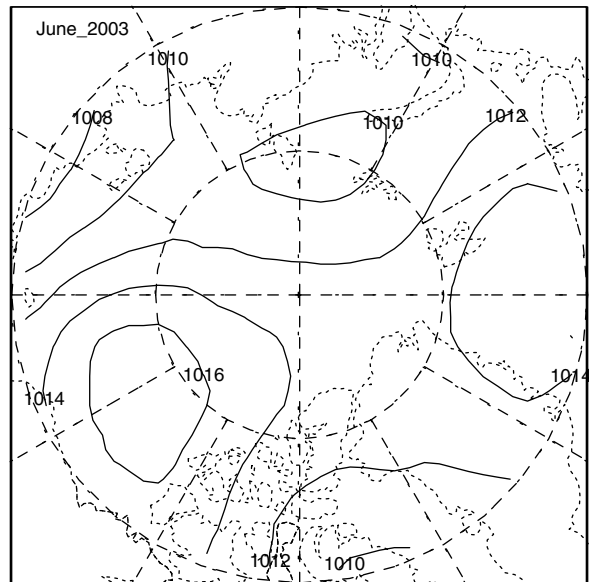
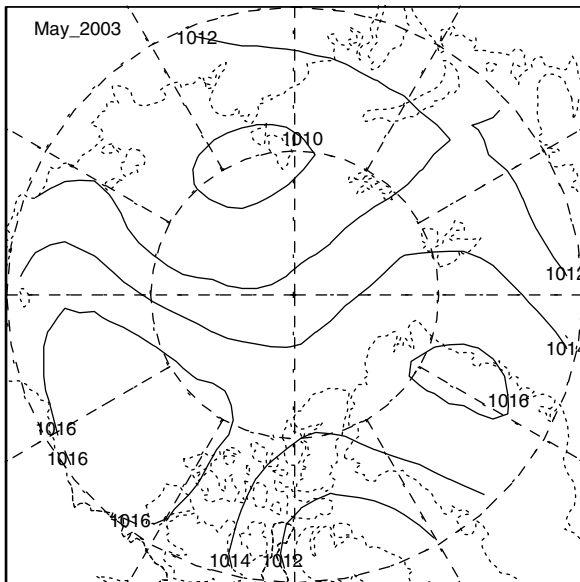
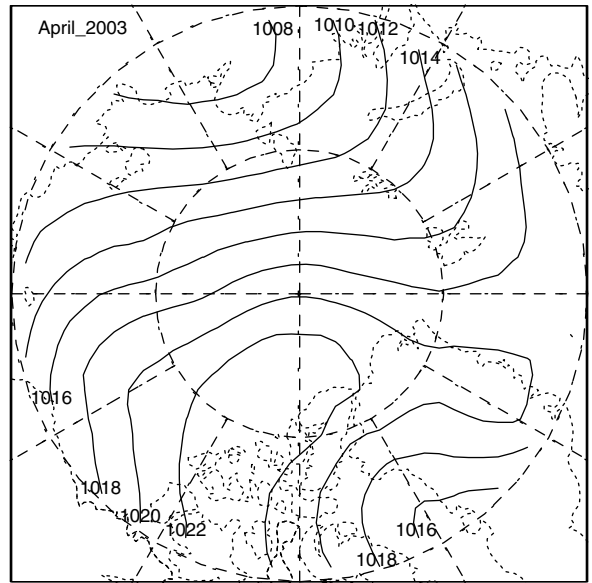
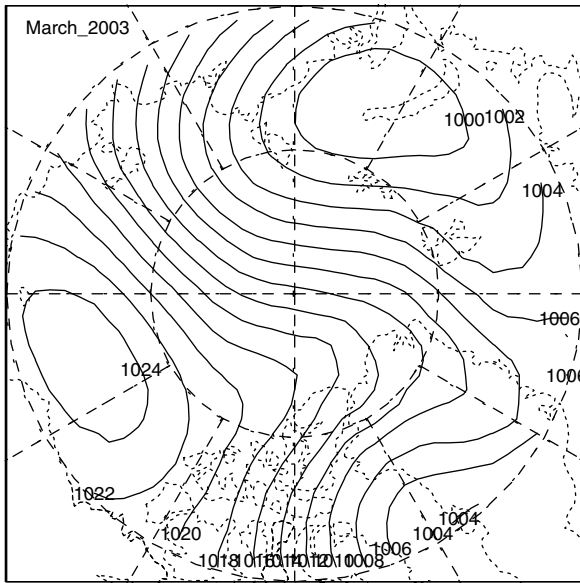
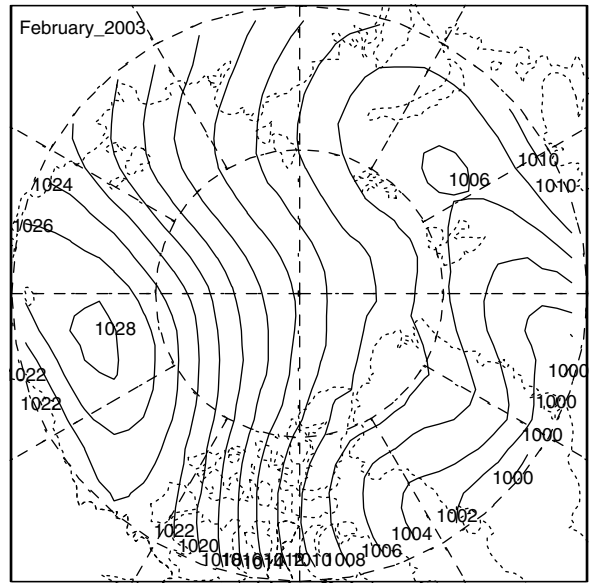
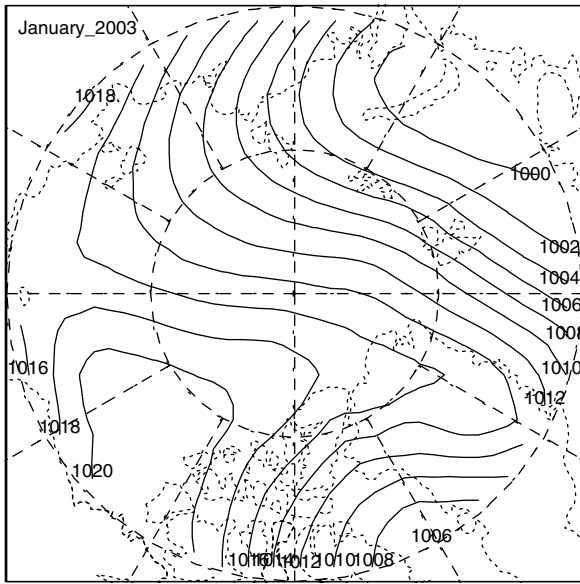
### 27 DEC 2003 - 31 DEC 2003



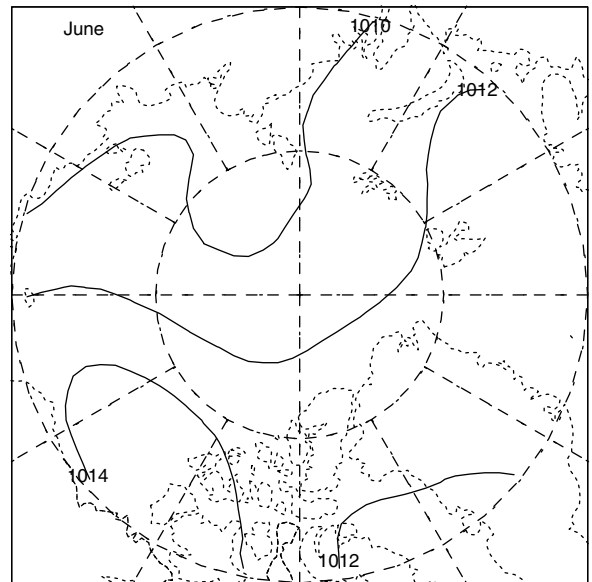
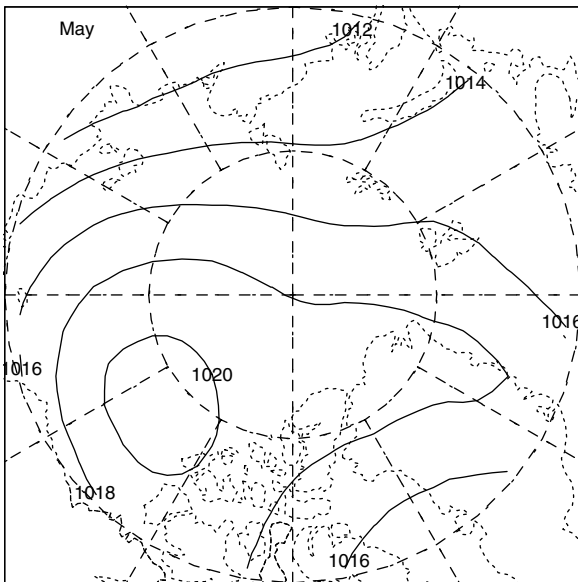
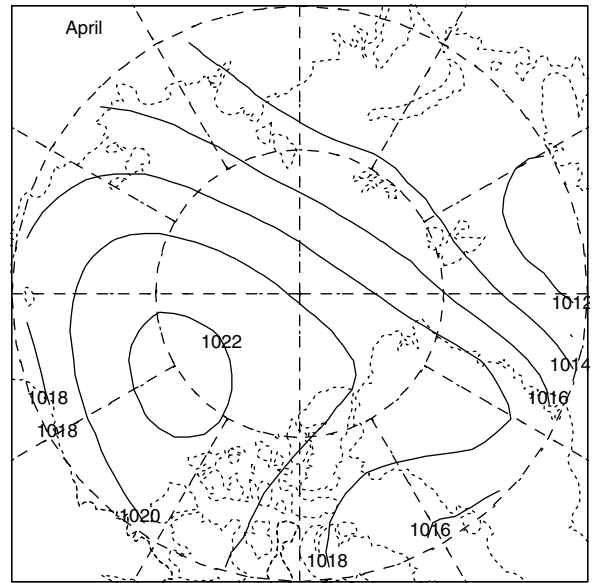
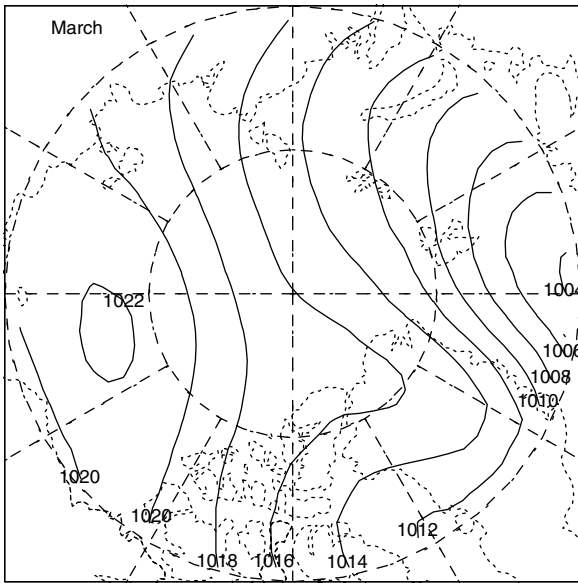
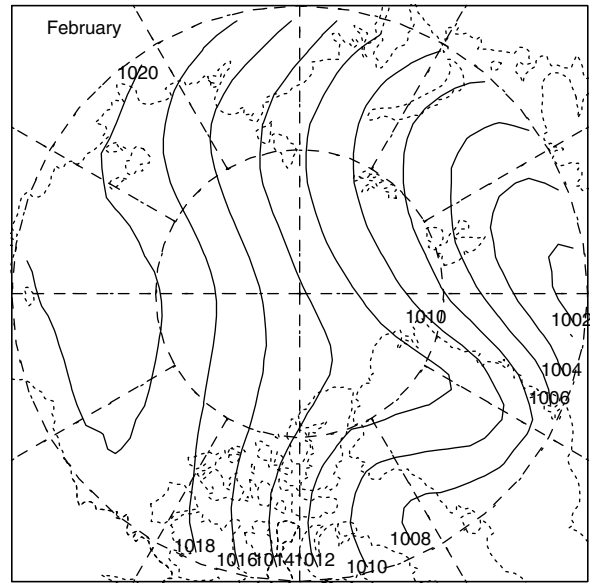
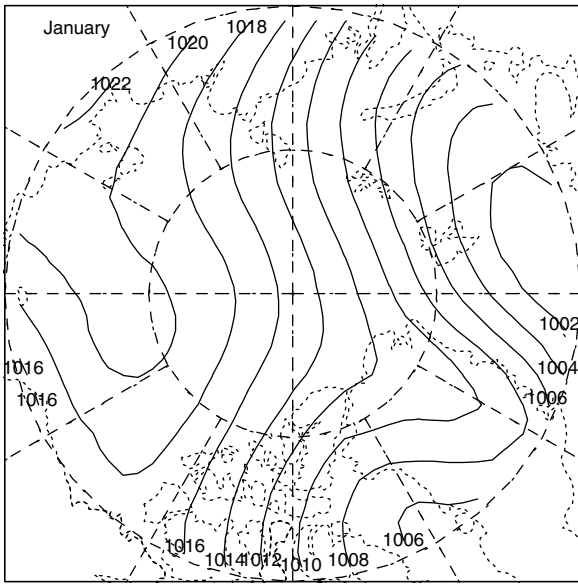
## **VIII. Average Pressure Fields**

The monthly averaged surface pressure fields are shown for 2003. Also shown are the mean monthly pressure fields for 1979 - 2003, the mean pressure field for 2003, and the mean pressure field for 1979 through 2003.

# January - June 2003

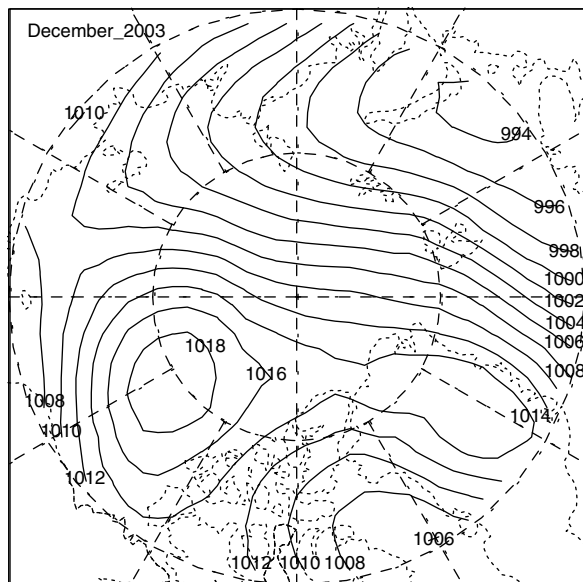
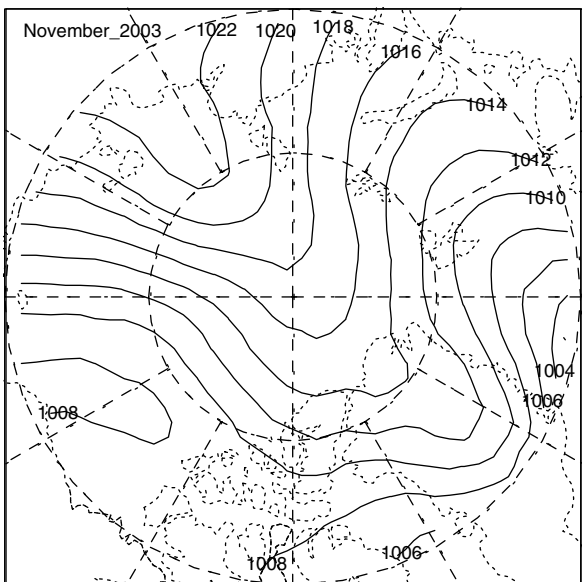
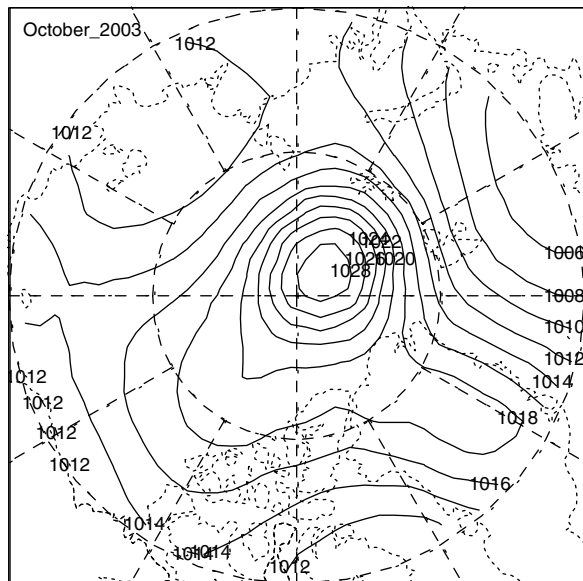
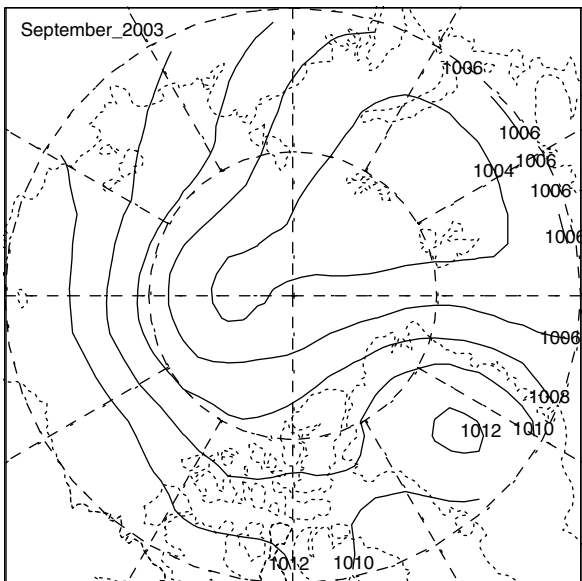
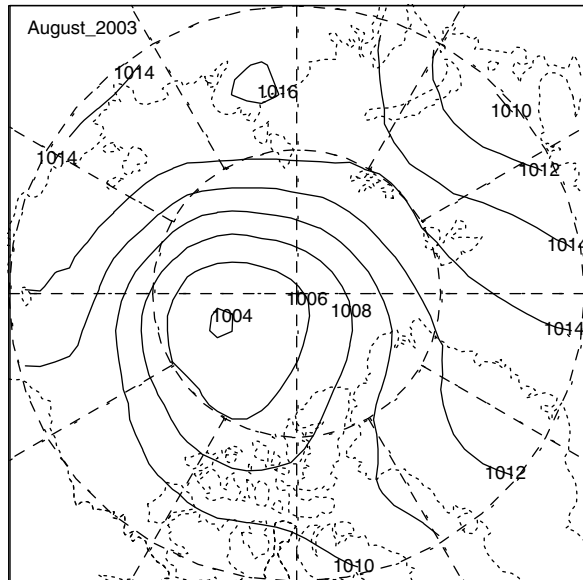
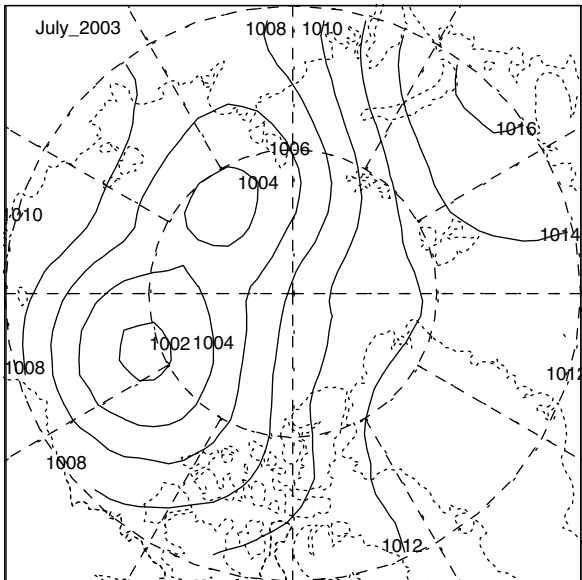


# January - June Monthly Means 1979 - 2003

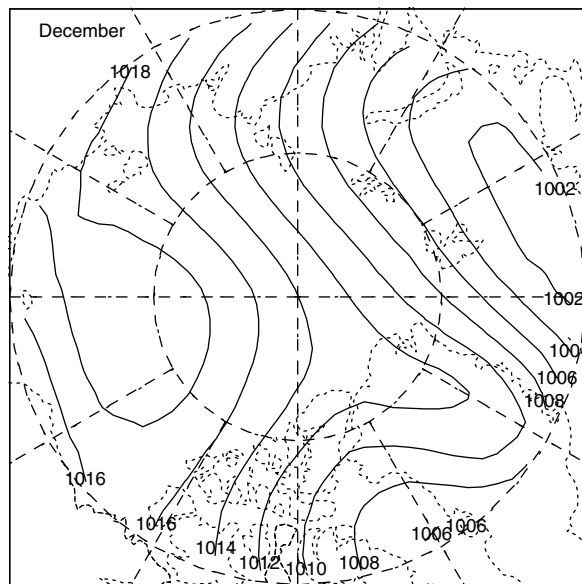
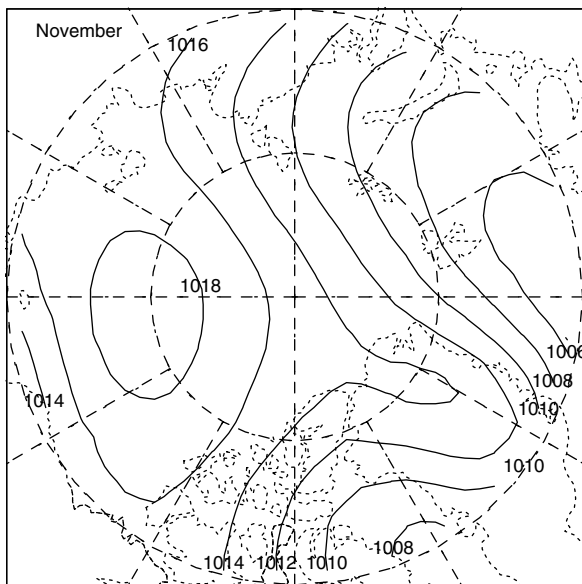
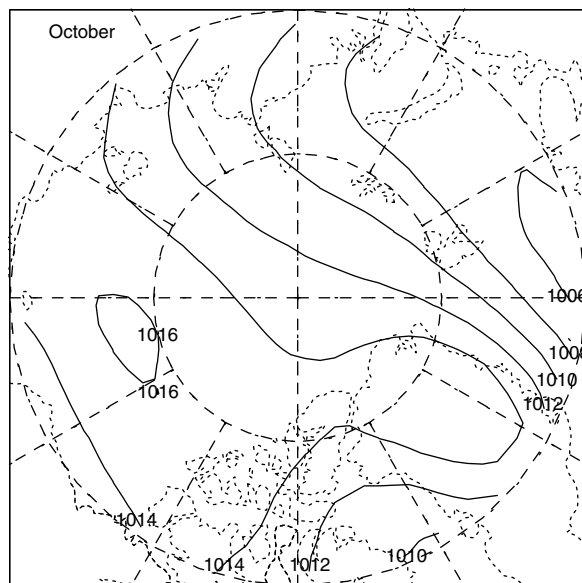
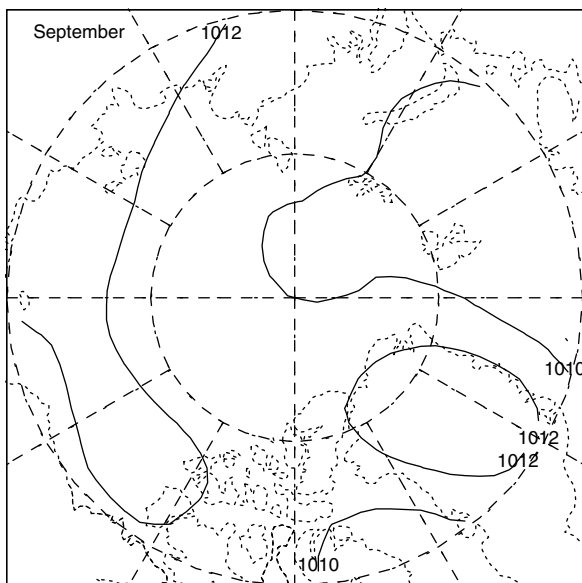
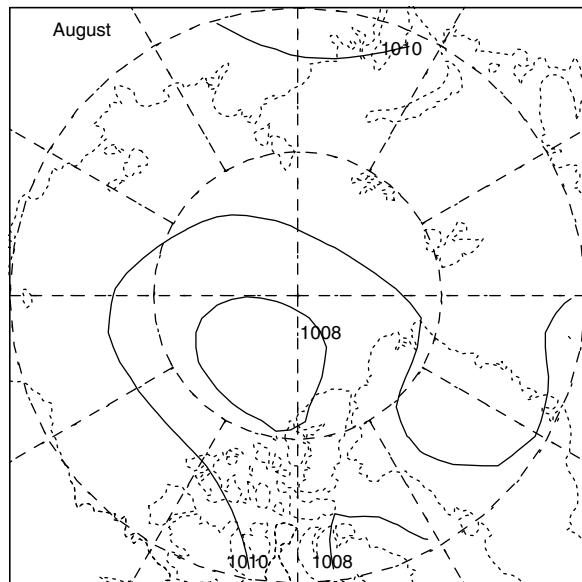
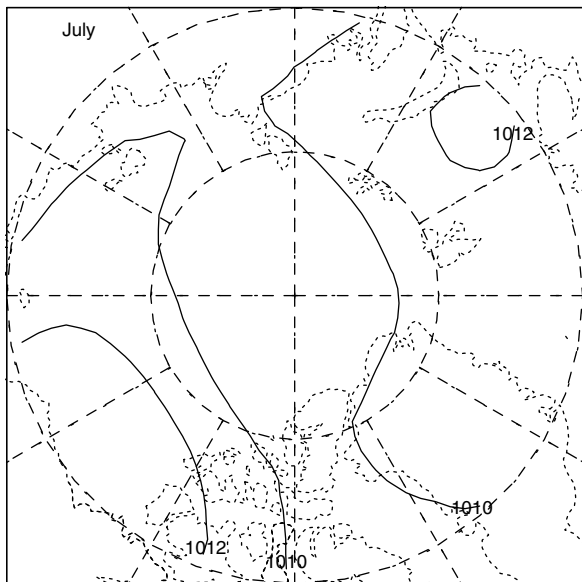




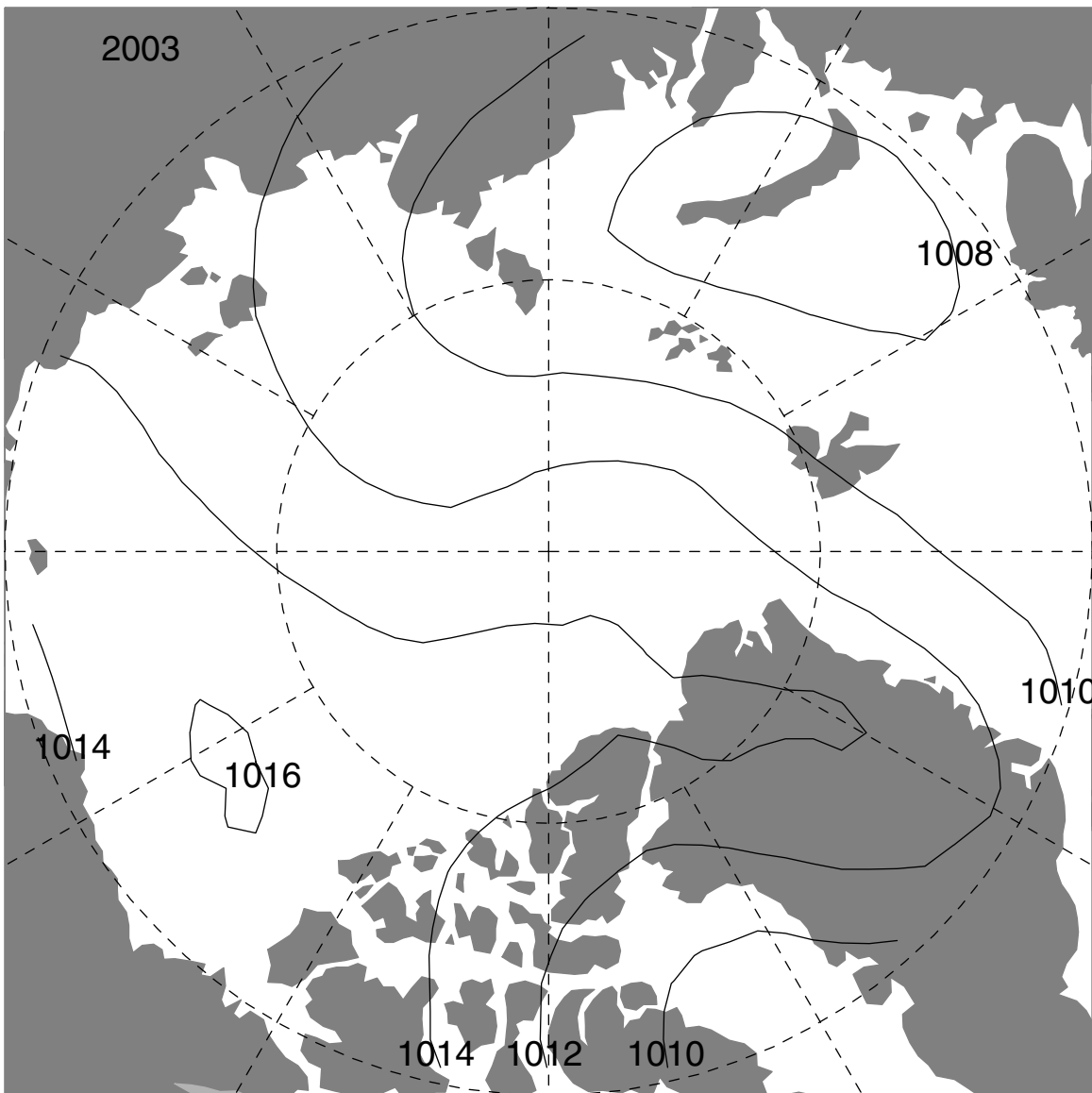
July - December 2003



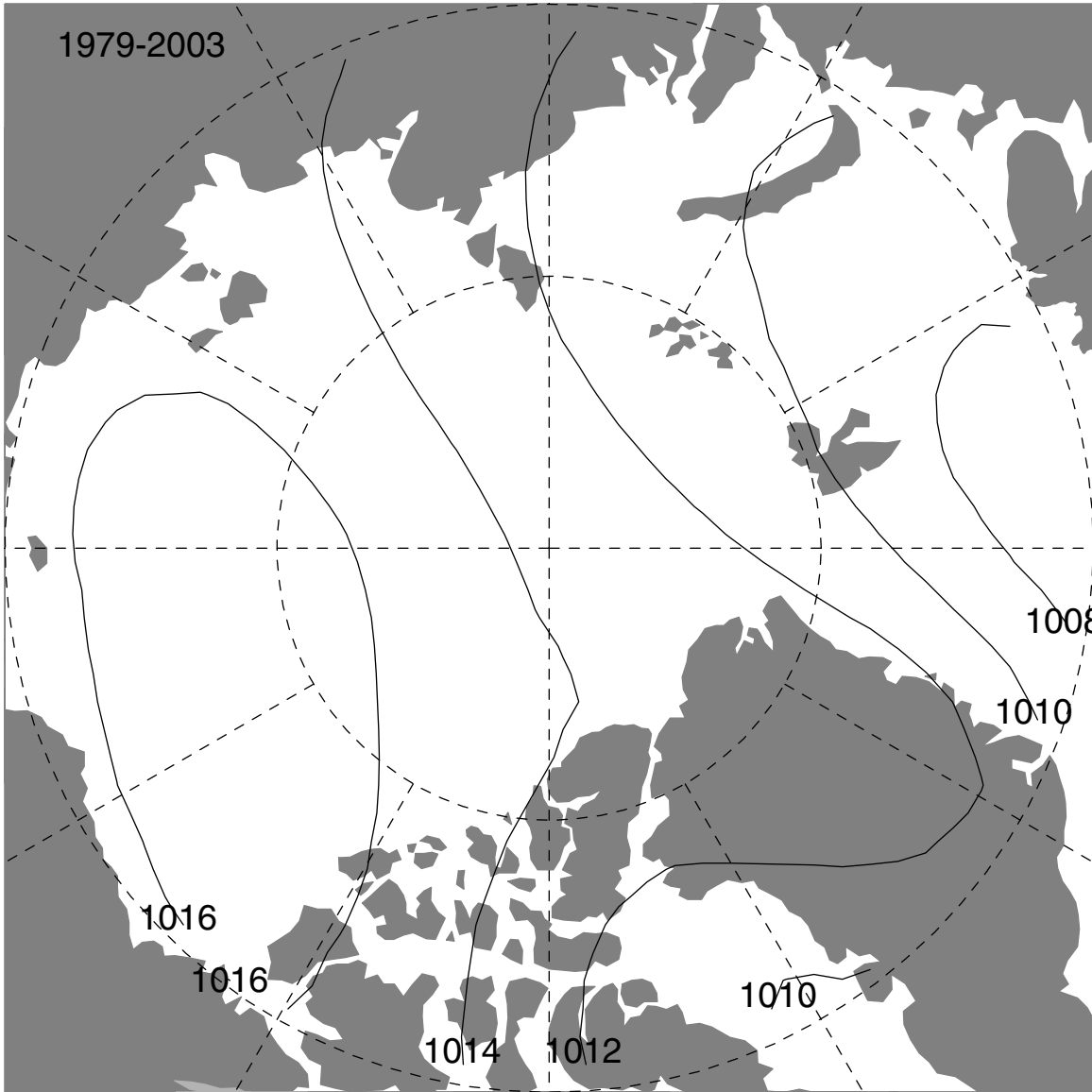
# July - December Monthly Means 1979 -2003



# 2003 Mean Field of Pressure



Mean Field of Pressure 1979 - 2003





# **Appendix**

## **Buoy Diagrams**

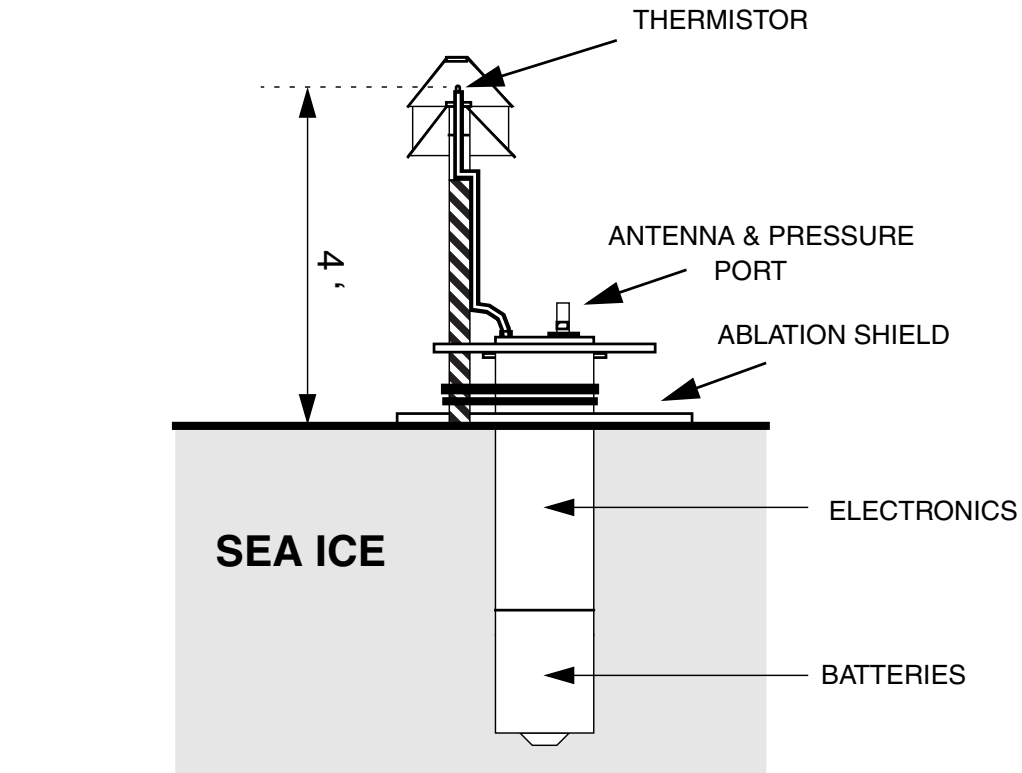
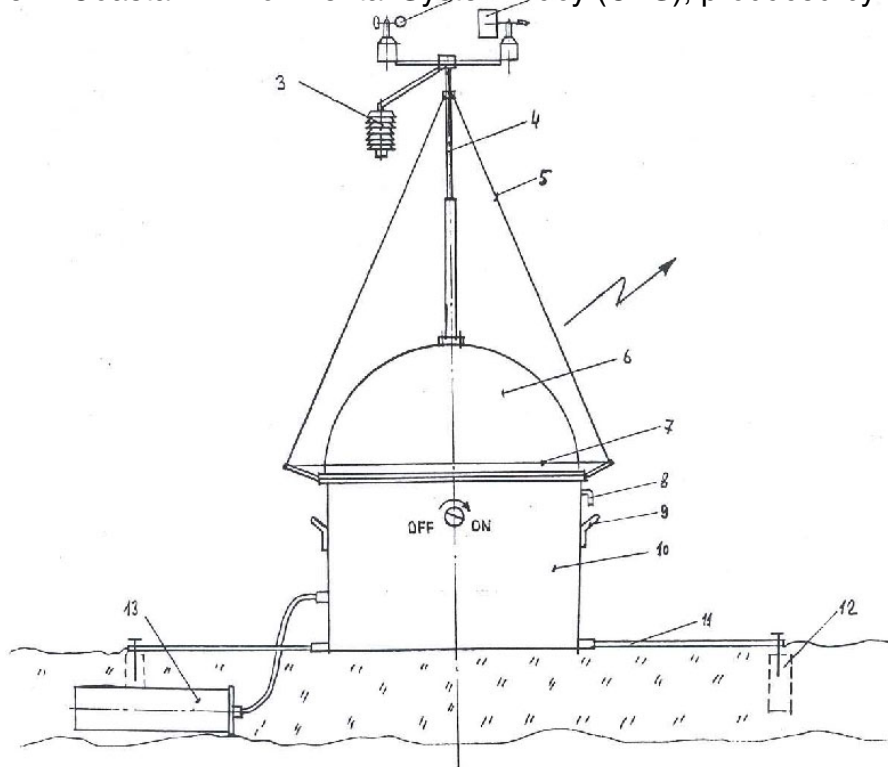


Figure 1: Coastal Environmental System Buoy (CES), produced by Coastal Climate.



**ARGOS - AARI Buoy. Ground Version**

1. Vane, 2. Anemometer, 3. Radiation Shield for air temperature and humidity sensors, 4. Telescopic mast, 5. Anchor Rope, 6. Radio-transparent Lid, 7. Electric shock protection against bears, 8. Barometer Inlet, 9. Carrying Handle, 10. Housing, 11. Support Bars, 12. Wooden Anchor, 13. Battery Power Supply

Figure 2: AWI / AARI

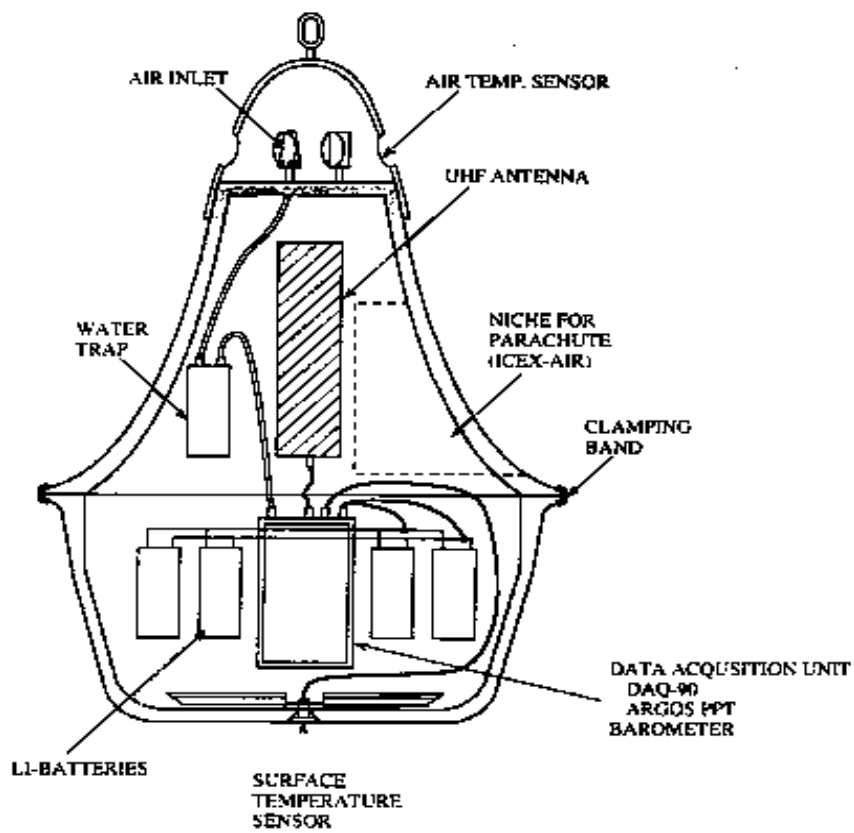


Figure 3. ITEX and ITEX-AIR Buoy, Christian Michelsen Research.



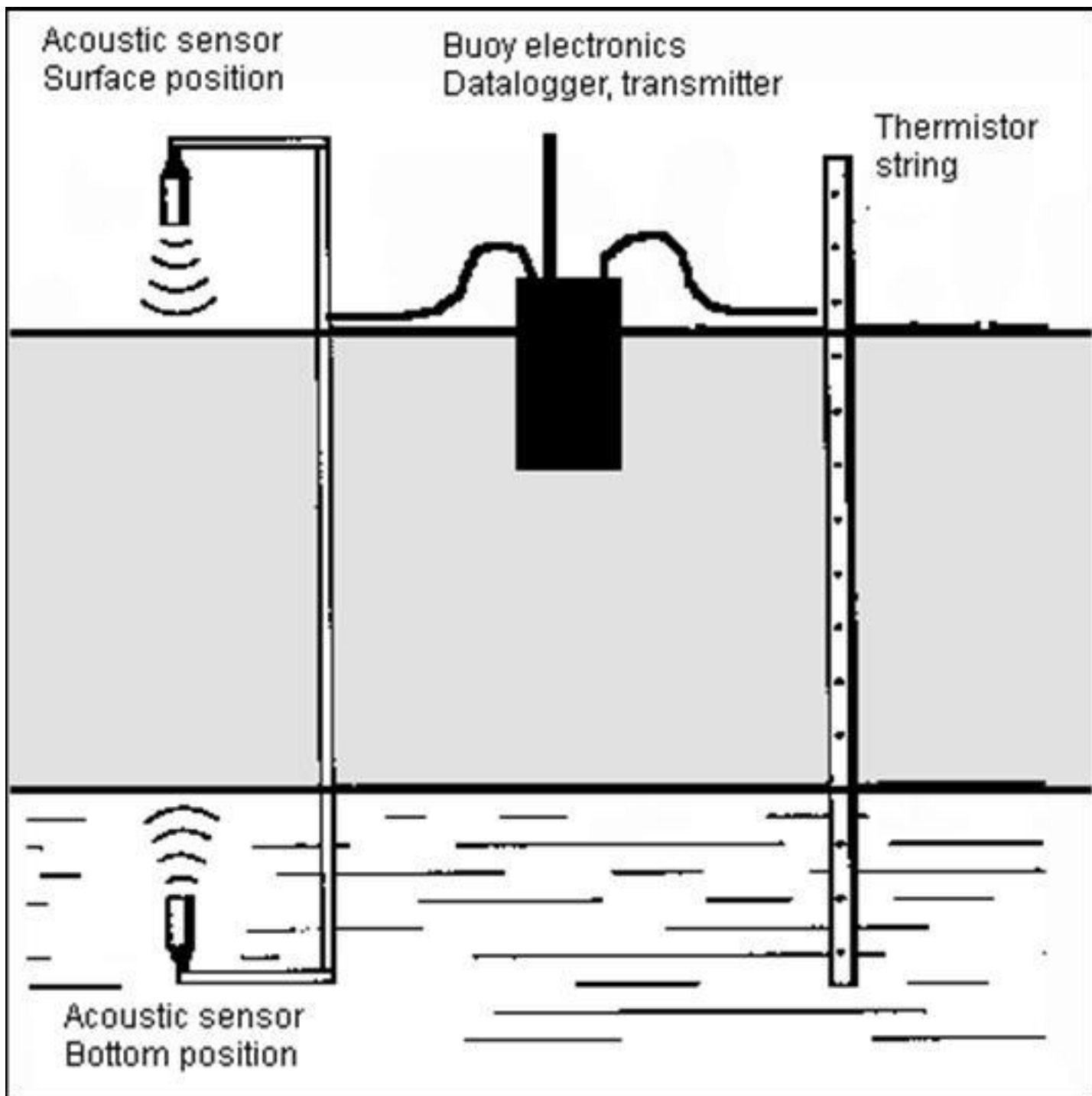


Figure 4. Ice Mass Balance Buoy, Cold Regions Research and Environmental Laboratory. (CRREL)

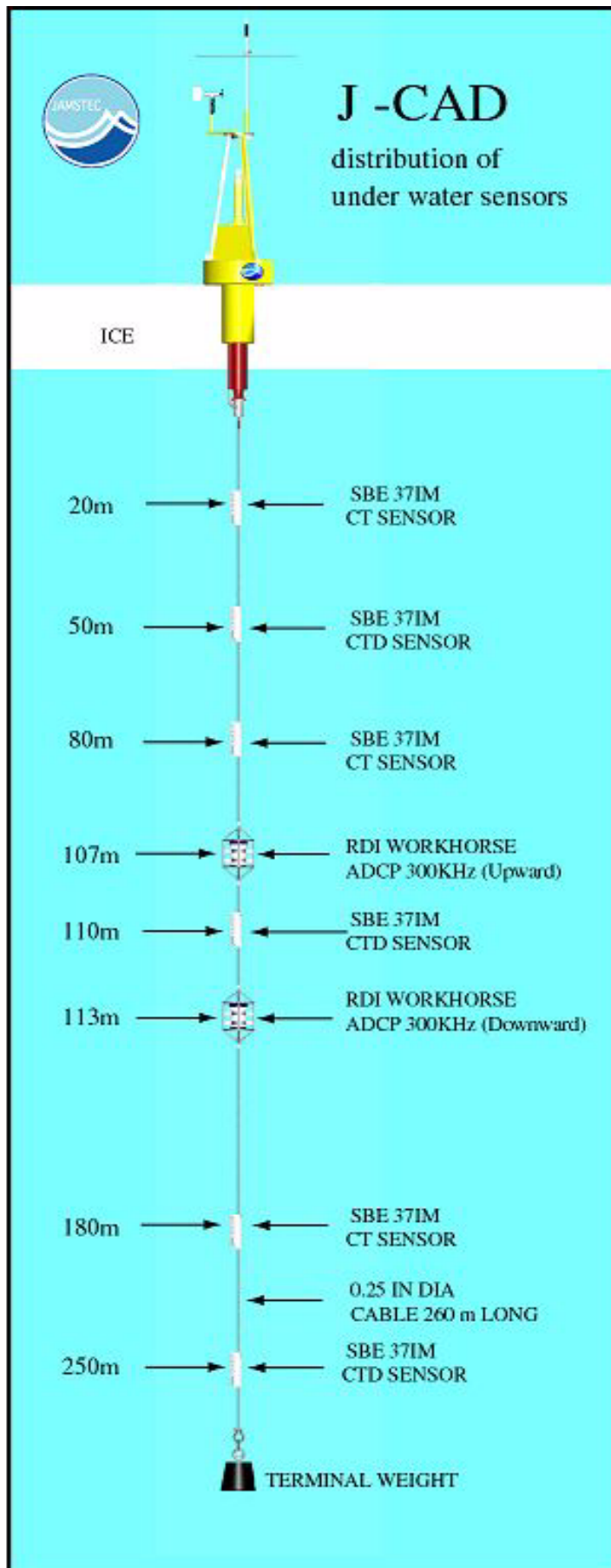


Figure 5. JAMSTEC Compact Arctic Drifter - JCAD

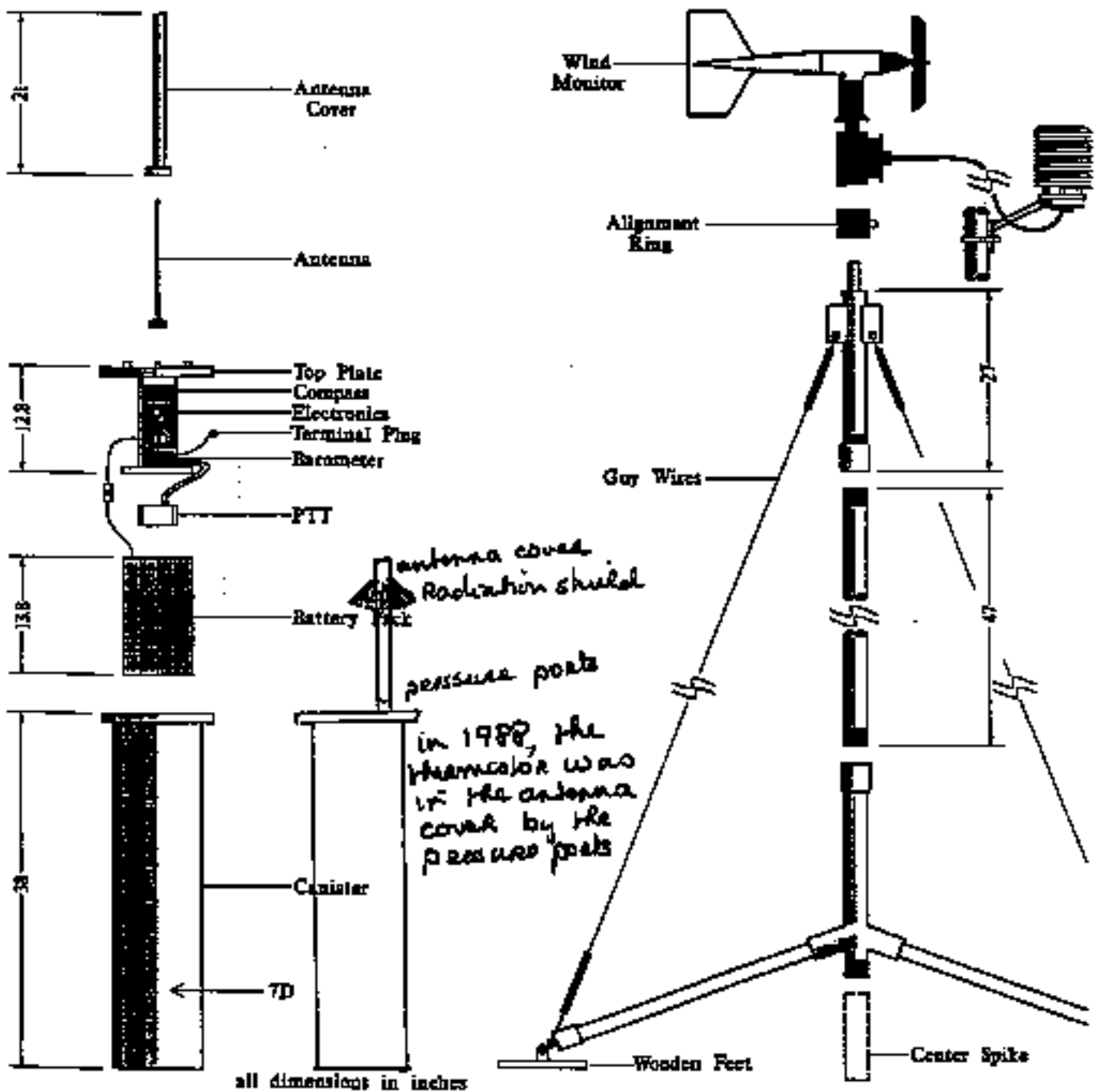


Figure 6. Zeno - 3200 Buoy

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