

Arctic Ocean Buoy Program Data Report for 1 January 1987 – 31 December 1987

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I. Introduction

This is the eighth data report for the Arctic Buoy Program; it covers the period from 1 January 1987 through 31 December 1987. The data were processed as detailed in previous reports.

This program was coordinated with research and monitoring activities of the Canadian Atmospheric Environment Service, Mineral Management Service, the National Oceanic and Atmospheric Administration, the Norwegian Polar Research Institute, and the Norwegian Meteorological Institute.

II. Deployment Schedule

Buoys that continued to operate in 1987 and their year of deployment are as follows:

1984: 3843.

1985: 3164, 3165, 3874.

1986: 1895, 1896, 1897, 3880, 7001, 7002, 7004, 7006, 7007, 7021, 7022, 7040, 7042.

Buoys deployed in 1987 and their month of deployment are as follows:

March: 7011.

April: 2879, 3160, 7024, 7047.

June: 7025, 7026, 7027.

August: 1479, 3491, 4992.

September: 4994, 4996, 5077, 5079, 5094, 5095, 9260, 9262.

October: 3831.

November: 3886, 7028, 7030, 7048.

III. Data Processing

Data for this report were processed as outlined in the 1986 data report with the exception that we have reverted to 3-hourly 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 was not available.

APPENDIX: AVAILABLE DATA SETS

Data Set AB:

Twelve-hourly 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 less 1900. LY = 87.
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 direction. PX and PY have unit of millibars per 10^3 kilometers.

PXX, PXY, PYY are the interpolated second derivatives of pressure times 10^6 . Their units are in millibars per 10^6 kilometers.

The data set begins with 0000 GMT, 1 January 1987, and ends with 1200 GMT, 31 December 1987.—

Data Set C:

Daily 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, I5, F7.3, F9.3)
LY	is the year less 1900. LY = 87.
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.

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 less 1900. LY = 87.
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 cm/sec.
UY	is the interpolated ice velocity in the y direction in cm/sec.
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, DVDX, DVDY	are interpolated velocity derivatives expressed in Cartesian coordinates. After multiplication by 10^{-7} the reported values have units of sec^{-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 90E Meridian. The transformation from latitude and longitude to x and y is:

$$\begin{aligned}x &= 110.949 (90 - \text{lat}) \cos (\text{long}) \\y &= 110.949 (90 - \text{lat}) \sin (\text{long})\end{aligned}$$

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

Tape Format: Each of the above data sets is stored on magnetic tape with these characteristics:

width	1/2 inch
number of tracks	9
coding	EBCDIC
parity	odd
density	6250 bpi
characters per record	80
characters per block	4800

Availability: These data sets are archived at the World Data Center A: Glaciology. Inquiries should be addressed to:

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

Telephone (303) 492-5171

The authors can be contacted at:

University of Washington
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1013 N.E. 40th Street
Seattle, WA 98105 U.S.A.

Telephone (206) 543-1300

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 value is not given if it is not reliably known.

The temperature is averaged over the eight synoptic intervals to eliminate diurnal variation. An asterisk indicates that one or more of the temperatures during this day were not known.

BUOY 1479

BUOY(1479) 87 Aug		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY(1479) 87 Sep		LAT (N)	LON (+E, -W)	P (MB)	T (C)
227	15	83.338	19.594			244	1	82.705	14.831		
228	16	83.320	19.176			245	2	82.705	15.242		
229	17	83.273	18.861			246	3	82.720	15.943		
230	18	83.246	18.533			247	4	82.748	16.098		
231	19	83.238	17.838			248	5	82.751	16.478		
232	20	83.162	17.646			249	6	82.747	17.030		
233	21	83.072	17.112			250	7	82.759	17.801		
234	22	83.003	16.715			251	8	82.787	17.965		
235	23	82.975	16.826			252	9	82.752	17.797		
236	24	82.942	17.053			253	10	82.729	17.000		
237	25	82.914	17.005			254	11	82.699	17.228		
238	26	82.888	16.642			255	12	82.635	16.559		
239	27	82.878	16.461			256	13	82.538	15.393		
240	28	82.877	16.326			257	14	82.465	14.465		
241	29	82.891	15.970			258	15	82.419	13.870		
242	30	82.828	15.628			259	16	82.382	13.522		
243	31	82.752	15.012			260	17	82.301	13.238		
						261	18	82.222	12.924		
						262	19	82.201	13.153		
						263	20	82.140	13.785		
						264	21	82.097	13.944		
						265	22	82.080	13.846		

BUOY(1479) 87 Oct		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY(1479) 87 Nov		LAT (N)	LON (+E, -W)	P (MB)	T (C)
294	21	81.119	18.125			307	3	81.314	15.315		
297	24	81.252	19.319			315	11	80.728	12.755		
298	25	81.250	20.812			316	12	80.790	13.105		
299	26	81.223	20.644			330	26	80.672	11.327		

BUOY 1895

BUOY (1895) 87 Jan				BUOY (1895) 87 Feb			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
1	79.000	-156.226		32	78.735	-159.014	
2	78.937	-156.016		33	78.731	-159.018	
3	78.882	-156.117		34	78.724	-159.050	
4	78.880	-156.059		35	78.723	-159.118	
5	78.857	-156.128		36	78.739	-159.158	
6	78.889	-155.964		37	78.727	-159.138	
7	78.909	-156.011		38	78.705	-159.199	
8	78.870	-156.219		39	78.699	-159.301	
9	78.844	-156.125		40	78.693	-159.282	
10	78.859	-156.221		41	78.639	-159.027	
11	78.851	-156.322		42	78.570	-158.583	
12	78.841	-156.176		43	78.538	-158.459	
13	78.833	-155.938		44	78.483	-158.486	
14	78.823	-155.867		45	78.421	-158.483	
15	78.846	-155.932		46	78.384	-158.433	
16	78.900	-156.215		47	78.390	-158.414	
17	78.940	-156.377		48	78.391	-158.432	
18	78.946	-156.850		49	78.410	-158.505	
19	78.917	-157.160		50	78.420	-158.614	
20	78.872	-157.223		51	78.432	-158.666	
21	78.835	-157.261		52	78.467	-158.901	
22	78.837	-157.473		53	78.542	-159.333	
23	78.862	-158.062		54	78.597	-159.502	
24	78.918	-159.015		55	78.621	-159.907	
25	78.959	-159.296		56	78.630	-160.306	
26	78.956	-159.175		57	78.602	-160.098	
27	78.911	-159.096		58	78.632	-159.651	
28	78.826	-158.965		59	78.647	-159.490	
29	78.771	-158.922					
30	78.750	-158.994					
31	78.745	-158.977					

BUOY (1895) 87 Mar				BUOY (1895) 87 Apr			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
60	78.620	-159.368		91	78.864	-161.345	
61	78.639	-159.263		92	78.857	-161.553	
62	78.696	-159.182		93	78.827	-161.699	
63	78.770	-158.978		94	78.758	-161.771	
64	78.805	-158.948		95	78.710	-161.989	
65	78.818	-158.767		96	78.696	-161.939	
66	78.820	-158.681		97	78.694	-161.890	
67	78.797	-158.369		98	78.697	-161.775	
68	78.812	-158.138		99	78.694	-161.745	
69	78.839	-158.210		100	78.696	-161.693	
70	78.891	-158.374		101	78.691	-161.628	
71	78.839	-158.178		102	78.674	-161.554	
72	78.789	-157.783		103	78.651	-161.505	
73	78.790	-157.709		104	78.625	-161.528	
74	78.802	-157.704		105	78.615	-161.596	
75	78.758	-157.733		106	78.608	-161.970	
76	78.725	-157.823		107	78.570	-162.059	
77	78.731	-157.960		108	78.562	-162.076	
78	78.739	-157.991		109	78.587	-162.062	
79	78.746	-158.035		110	78.618	-162.134	
80	78.746	-158.293		111	78.613	-162.141	
81	78.697	-158.951		112	78.623	-162.083	
82	78.752	-159.701		113	78.620	-161.919	
83	78.853	-160.001		114	78.594	-161.773	
84	78.950	-160.327		115	78.569	-161.397	
87	78.980	-160.537		116	78.562	-161.011	
88	78.954	-160.693		117	78.558	-160.755	
89	78.931	-160.922		118	78.584	-160.624	
90	78.894	-161.131		119	78.590	-160.635	
				120	78.602	-160.800	

BUOY 1895

BUOY (1895) 87 May	LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	78.608	-161.015	
122	2	78.612	-161.245	
123	3	78.616	-161.435	
124	4	78.627	-161.601	
125	5	78.657	-161.687	
126	6	78.719	-161.860	
127	7	78.782	-162.209	
128	8	78.826	-162.605	
129	9	78.861	-162.809	
130	10	78.885	-163.006	
131	11	78.887	-163.116	
132	12	78.900	-163.191	
133	13	78.904	-163.197	
134	14	78.903	-163.038	
135	15	78.906	-162.809	
136	16	78.892	-162.147	
137	17	78.821	-161.994	
138	18	78.827	-162.106	
139	19	78.825	-162.253	
140	20	78.840	-162.514	
141	21	78.847	-162.582	
142	22	78.858	-162.586	
143	23	78.877	-162.577	
144	24	78.871	-162.623	
145	25	78.882	-162.762	
146	26	78.919	-162.909	
147	27	78.984	-163.164	
148	28	79.056	-163.392	
149	29	79.085	-163.493	
150	30	79.110	-163.585	

BUOY 1896

BUOY(1896) 87 Jan					BUOY(1896) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	73.236	-150.078	1022.7	-28.2*	32	1	72.957	-152.034	1012.8	-29.3
2	2	73.152	-150.424	1021.2	-30.0	33	2	73.008	-152.619	1005.3	-23.5
3	3	73.129	-150.400	1009.2	-25.4*	34	3	73.049	-153.042	1007.2	-20.9
4	4	73.118	-150.446	1007.3	-31.4	35	4	73.046	-153.071	1010.8	-19.1*
5	5	73.108	-150.480	1009.9	-35.2	36	5	73.040	-153.077	1018.5	-23.8
6	6	73.083	-150.748	1004.6	-28.0	37	6	73.047	-153.151	1007.9	-24.0*
7	7	73.088	-151.159	994.8	-22.9	38	7	73.023	-153.246	1002.1	-27.3
8	8	73.046	-151.149	995.5	-26.2*	40	9	72.935	-153.540	1020.3	-31.2
9	9	73.029	-151.099	992.4	-35.1	41	10	72.925	-153.499	1036.4	-36.4
10	10	73.045	-151.046	982.2	-34.6*	42	11	72.925	-153.488	1041.9	-35.7
11	11	73.062	-150.704	990.4	-29.2*	43	12	72.923	-153.491	1038.7	-35.3
12	12	73.038	-150.407	997.5	-25.3*	44	13	72.924	-153.493	1032.4	-34.8
13	13	72.994	-149.898	1006.2	-19.0	45	14	72.923	-153.495	1027.7	-34.4
14	14	73.013	-149.870	1009.0	-15.3	46	15	72.923	-153.496	1028.3	-36.3
15	15	73.049	-149.905	1010.0	-14.1	47	16	72.924	-153.494	1034.7	-40.3
16	16	73.070	-149.985	1008.0	-13.5	48	17	72.925	-153.472	1024.0	-35.1
17	17	73.147	-150.412	995.3	-12.5	49	18	72.928	-153.533	1027.0	-38.7
18	18	73.174	-150.461	1002.9	-6.7*	50	19	72.904	-153.765	1024.9	-37.1
19	19	73.146	-150.284	1014.5	-13.4	51	20	72.859	-154.326	1026.3	-31.9
20	20	73.125	-150.383	1015.1	-15.5	52	21	72.897	-154.819	1022.7	-27.4
21	21	73.116	-150.630	1018.4	-13.7	53	22	72.929	-155.210	1024.1	-23.6
22	22	73.126	-150.995	1008.0	-13.3	54	23	72.916	-155.348	1025.7	-24.4*
23	23	73.190	-151.699	994.3	-12.5	55	24	72.905	-155.650	1005.6	-17.1
24	24	73.228	-151.925	1003.3	-16.7*	56	25	72.840	-155.366	1019.8	-22.4*
25	25	73.202	-151.776	1015.2	-30.2*	57	26	72.808	-155.080	1024.2	-27.5
26	26	73.203	-151.678	1021.9	-33.2	58	27	72.790	-155.010	1020.6	-26.4*
27	27	73.189	-151.615	1024.7	-33.3	59	28	72.770	-154.668	1034.0	-28.5
28	28	73.086	-151.563	1031.1	-29.1						
29	29	73.003	-151.607	1029.4	-29.2						
30	30	72.976	-151.647	1023.1	-30.9						
31	31	72.958	-151.748		-32.3						

BUOY(1896) 87 Mar					BUOY(1896) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
61	2	72.740	-154.338	1032.9	-34.3	91	1	72.888	-157.960	1033.0	-26.3
62	3	72.773	-154.495	1032.0	-33.7	92	2	72.878	-158.292	1037.1	-25.9
63	4	72.792	-154.540	1032.8	-31.5	93	3	72.855	-158.560	1038.4	-24.2
64	5	72.842	-154.533	1022.7	-26.4	94	4	72.792	-158.693	1030.2	-25.2
65	6	72.890	-154.378	1013.5	-20.5	95	5	72.750	-158.745		-25.8
66	7	72.885	-154.304	1019.3	-21.2	96	6	72.736	-158.748	1033.1	-25.5*
67	8	72.878	-154.231	1025.8	-25.9*	97	7	72.734	-158.756	1036.4	-24.3
68	9	72.878	-154.217	1022.4	-21.7	98	8	72.736	-158.749	1035.9	-24.5
69	10	72.920	-154.258	1016.5	-16.2*	99	9	72.732	-158.745	1030.5	-24.8*
70	11	72.982	-154.247	1009.8	-8.3*	100	10	72.731	-158.746	1026.3	-22.8
71	12	72.959	-153.956		-22.0*	101	11	72.723	-158.746	1027.1	-22.6
72	13	72.919	-153.936	1030.7	-24.4	102	12	72.712	-158.755	1027.0	-22.1
73	14	72.913	-153.947	1036.1	-26.7*	103	13	72.702	-158.751	1016.2	-20.4
74	15	72.918	-153.929	1026.1	-26.9*	104	14	72.676	-158.799	1004.2	-19.2
75	16	72.871	-154.024	1031.2	-30.1*	105	15	72.653	-158.825	998.9	-19.9
76	17	72.868	-154.087	1033.8	-33.4*	106	16	72.627	-158.955	1002.9	-16.3
77	18	72.868	-154.222	1039.3	-31.4	107	17	72.579	-159.091	1009.6	-19.1
78	19	72.851	-154.508	1042.5	-29.3	108	18	72.575	-159.075	1012.6	-18.2
79	20	72.789	-154.816	1039.1	-30.7*	109	19	72.579	-159.083	1016.2	-18.2*
80	21	72.738	-155.210	1023.6	-32.5*	110	20	72.583	-159.077	1017.5	-17.4*
81	22	72.729	-155.559	1013.5	-22.2	111	21	72.585	-159.080	1020.7	-17.1
82	23	72.748	-155.662	1014.8	-18.5	112	22	72.583	-159.065	1025.3	-17.3
83	24	72.832	-155.955	1012.1	-12.0	113	23	72.576	-158.962	1026.8	-18.5
84	25	72.869	-156.118	1017.6	-11.6	114	24	72.574	-158.867	1020.2	-22.2
87	28	72.914	-156.489	1019.9	-14.6*	115	25	72.552	-158.748	1015.1	-18.5
88	29	72.952	-156.743	1021.7	-13.3*	116	26	72.519	-158.451	1013.3	-12.5
						117	27	72.521	-158.106	1006.3	-13.7
						118	28	72.536	-157.881	1010.8	-13.3
						119	29	72.549	-157.911	1013.7	-11.2
						120	30	72.552	-158.169	1013.7	-10.4

BUOY 1896

BUOY (1896) 87 May					BUOY (1896) 87 Jun						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
121	1	72.548	-158.617	1016.4	-9.8	152	1	73.214	-164.255	1018.0	2.7
122	2	72.547	-158.993	1018.8	-11.2	153	2	73.241	-164.648	1019.0	3.7
123	3	72.545	-159.317	1017.5	-11.7	154	3	73.342	-165.079	1027.4	3.7
124	4	72.556	-159.554	1021.0	-11.6	155	4	73.427	-165.253	1032.7	2.6
125	5	72.591	-159.822	1024.9	-11.7	156	5	73.469	-165.333	1031.0	1.4
126	6	72.676	-160.135	1017.0	-8.0*	157	6	73.468	-165.374	1022.5	2.4
127	7	72.745	-160.460	1012.1	-4.6*	158	7	73.478	-165.623	1015.9	2.4
128	8	72.810	-160.495	1013.7	0.3	159	8	73.517	-166.175	1015.0	2.4
129	9	72.865	-160.582	1009.1	-0.2	160	9	73.570	-166.705	1018.7	1.5
130	10	72.895	-160.606	1011.9	-0.4	161	10	73.571	-167.190	1017.1	-0.7
131	11	72.907	-160.661	1015.5	-1.3	162	11	73.551	-167.612	1012.2	0.6
132	12	72.916	-160.743	1014.5	-3.9	163	12	73.512	-168.150	1008.6	-0.7
133	13	72.916	-160.842	1021.7	-4.2	164	13	73.490	-168.391	1010.5	-0.8
134	14	72.905	-160.904	1027.1	-7.2*	165	14	73.520	-168.453	1012.9	-0.6
135	15	72.904	-160.929	1029.2	-7.8	166	15	73.622	-168.467	1009.2	2.3
136	16	72.902	-160.920	1030.1	-5.1	167	16	73.698	-168.546	1005.3	3.7
137	17	72.904	-161.052	1026.7	-2.8	168	17	73.713	-168.703	1005.7	3.9
138	18	72.927	-161.202	1024.4	-1.6	169	18	73.730	-169.026	998.8	3.1
139	19	72.975	-161.345	1020.1	-2.1	170	19	73.743	-169.177	1006.2	3.7
140	20	73.003	-161.404	1020.2	-2.3	171	20	73.730	-169.404	1007.4	3.5
141	21	73.010	-161.487	1022.3	-2.8	172	21	73.767	-169.508	1009.9	4.5*
142	22	73.019	-161.617	1020.5	-3.6	173	22	73.792	-169.700	1013.0	4.1
143	23	73.036	-161.805	1015.8	-3.8	174	23	73.819	-169.953	1018.4	4.9
144	24	73.047	-162.036	1014.3	-3.9	175	24	73.888	-170.229	1021.8	4.7
145	25	73.051	-162.208	1011.5	-4.4	176	25	73.940	-170.455	1027.0	4.9
146	26	73.081	-162.489	1006.9	-3.1	177	26	73.962	-170.609	1026.5	4.7
147	27	73.130	-162.833	1007.9	-1.6	178	27	73.977	-170.800	1020.0	3.7
148	28	73.146	-163.056		-0.8	179	28	73.960	-171.092	1016.1	3.7
149	29	73.137	-163.330	1013.4	0.0	180	29	73.970	-171.409	1020.3	3.9
150	30	73.135	-163.651	1014.2	0.8	181	30	74.006	-171.866	1014.5	4.6
151	31	73.174	-163.934	1015.3	2.6						

BUOY (1896) 87 Jul					BUOY (1896) 87 Aug						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
182	1	74.111	-172.567	1016.8	4.5	213	1	74.761	-175.349		4.8
183	2	74.180	-172.977	1023.5	4.1	214	2	74.803	-175.525	1031.5	4.7
184	3	74.214	-173.313	1023.8	5.1	215	3	74.860	-175.831	1022.8	5.0
185	4	74.242	-173.606	1026.7	5.9	216	4	74.937	-176.374	1019.9	4.3
186	5	74.273	-173.814	1028.8	6.0	217	5	75.016	-176.975	1019.1	3.8*
187	6	74.296	-173.918	1025.3	6.3	218	6	75.011	-177.202	1016.4	3.5
188	7	74.347	-174.048	1017.7	6.0	219	7	74.986	-177.190	1013.7	3.9*
189	8	74.437	-174.240	1006.5	5.2	220	8	74.973	-177.118	1016.1	4.1
190	9	74.483	-174.098	1008.2	4.1	221	9	74.971	-176.865	1024.7	3.4
191	10	74.546	-173.900	1013.2	3.7	222	10	75.074	-176.518	1019.9	3.7
192	11	74.678	-173.876	1010.1	5.0	223	11	75.200	-176.271	1014.5	4.0
193	12	74.699	-173.980	1014.9	5.0	224	12	75.159	-176.256	1015.1	3.3
194	13	74.689	-174.019	1019.1	5.0	225	13	75.051	-176.373	1019.1	2.2
195	14	74.680	-174.025	1012.5	4.2	226	14	74.998	-176.540	1018.4	1.8
196	15	74.696	-174.091	1014.4	4.3	227	15	74.986	-176.613	1016.4	2.3
197	16	74.692	-174.230	1020.9	4.1	228	16	74.992	-176.697	1017.4	3.6
198	17	74.683	-174.095	1020.0	4.2*	229	17	75.052	-176.770	1017.8	3.3
199	18	74.660	-174.015	1019.9	5.1	230	18	75.154	-177.059	1016.7	3.3
200	19	74.671	-174.022	1020.0	5.5*	231	19	75.233	-177.074	1013.6	3.7
201	20	74.720	-174.081	1014.5	4.0	232	20	75.310	-177.020	1012.5	4.0
202	21	74.789	-174.242	1007.9	4.4	233	21	75.350	-176.856	1007.9	3.4
203	22	74.822	-174.271		5.3	234	22	75.318	-176.546	1011.5	2.6
204	23	74.818	-174.315	1009.6	5.2	235	23	75.328	-176.457	1011.5	2.2
210	29	74.716	-174.954	1033.1	5.7	236	24	75.313	-176.720	1016.1	2.0
211	30	74.730	-175.038	1034.2	5.0	237	25	75.422	-176.630	1008.4	3.5
212	31	74.736	-175.185	1035.7	4.7*	238	26	75.376	-175.969	1010.6	3.3
						239	27	75.311	-175.257	1010.7	2.7
						240	28	75.223	-175.085	1025.4	1.6*
						241	29	75.124	-174.918	1026.0	1.8
						242	30	75.006	-174.535	1025.8	1.7
						243	31	74.942	-174.233	1018.2	2.7

BUOY 1896

BUOY(1896) 87 Sep					BUOY(1896) 87 Oct						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
244	1	74.904	-174.530	1018.3	-1.3	274	1	74.620	-173.667	1012.5	-13.1*
245	2	74.919	-174.680	1016.8	-3.2	275	2	74.596	-173.662	1019.1	-19.7
246	3	74.892	-174.613	1007.5	-0.1	276	3	74.593	-173.516	1024.2	-17.7*
247	4	74.823	-174.364	994.6	-0.6	277	4	74.625	-173.529	1024.4	-11.3*
248	5	74.732	-174.214	1001.8	-1.9	278	5	74.740	-173.580	1012.7	-0.5*
249	6	74.666	-174.250	1008.0	-2.9	279	6	74.808	-173.368	1012.3	-0.8
250	7	74.690	-173.990	998.8	0.3	280	7	74.760	-173.489	1021.4	-9.7
251	8	74.622	-173.966	1001.1	-3.9	281	8	74.755	-173.530	1015.4	-5.4
252	9	74.545	-173.718	1004.9	-4.5	282	9	74.712	-173.493	1016.5	-16.5
253	10	74.589	-173.328	992.5	-3.1	283	10	74.697	-173.422	1018.7	-15.9
254	11	74.540	-173.279	1000.3	-4.6	284	11	74.819	-173.245	1013.4	-2.5
255	12	74.494	-173.299	1003.4	-6.2	285	12	74.866	-173.007	1017.1	0.0
256	13	74.517	-173.315	993.5	-6.0	286	13	74.909	-173.039	1016.7	-7.9
257	14	74.453	-173.200	998.0	-8.6	287	14	74.957	-173.394	1004.3	-8.1
258	15	74.389	-172.878	998.8	-6.9	288	15	74.973	-173.789		-1.7*
259	16	74.398	-172.602	1001.3	-6.5	289	16	74.961	-174.040	1001.8	-2.1
260	17	74.375	-172.491	1001.9	-8.6	290	17	74.962	-174.158	1006.1	-2.6
261	18	74.320	-172.398	1009.8	-11.4	291	18	74.967	-174.100	1016.4	-10.4
262	19	74.387	-172.256	1007.5	-3.3	292	19	74.952	-174.206	1020.3	-5.6
263	20	74.463	-172.161	1006.4	-0.8	293	20	74.995	-174.328	1022.7	-4.5
264	21	74.480	-172.242	1010.4	-2.0	294	21	75.030	-174.597	1021.0	-7.1
265	22	74.462	-172.380	1023.4	-10.8	295	22	75.034	-174.749	1013.8	-9.5*
266	23	74.477	-172.428	1027.8	-14.3	296	23	74.996	-175.020	1001.9	-10.4
267	24	74.504	-172.783	1017.5	-8.5	297	24	74.907	-175.357	989.6	-8.5
268	25	74.553	-173.536	1014.3	-6.6	298	25	74.864	-175.632	994.7	-11.9
269	26	74.541	-173.984	1023.8	-7.3	299	26	74.805	-175.629	1010.5	-19.6*
270	27	74.510	-174.088	1027.8	-8.8	300	27	74.789	-175.601	1019.1	-28.7*
271	28	74.526	-173.847	1019.0	-13.2	301	28	74.827	-175.748	1019.5	-16.2*
272	29	74.567	-173.736	1013.1	-7.7	302	29	74.900	-175.954	1019.1	-16.4*
273	30	74.601	-173.724	1008.1	-5.6*	303	30	75.005	-176.043	1018.2	-13.3*
						304	31	75.035	-176.033	1021.0	-7.6

BUOY(1896) 87 Nov					BUOY(1896) 87 Dec						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
305	1	75.035	-176.073	1020.7	-7.2	335	1	74.901	-178.102	1009.6	-34.3
306	2	75.069	-176.191	1018.7	-11.3*	336	2	74.895	-178.239	1011.4	-34.3
307	3	75.118	-176.002	1021.3	-14.7*	337	3	74.839	-178.249	1008.6	-31.4
308	4	75.114	-175.904	1026.0	-18.6	338	4	74.718	-178.023	1002.1	-28.8
309	5	75.136	-175.948	1027.3	-14.9*	339	5	74.659	-177.534	1009.4	-29.5
310	6	75.156	-176.188	1028.8	-22.1*	340	6	74.666	-177.315	1016.2	-34.0
311	7	75.185	-176.485		-24.3	341	7	74.655	-177.365	1015.2	-32.0
312	8	75.204	-176.658	1042.1	-27.3	342	8	74.658	-177.655	1012.1	-25.5
313	9	75.209	-176.716	1045.0	-30.2	343	9	74.675	-178.135	1008.0	-25.1
314	10	75.200	-176.814	1043.7	-30.6	344	10	74.668	-178.806	1000.2	-15.6
315	11	75.176	-176.958	1041.7	-29.6	345	11	74.691	-179.585	1009.2	-15.8
316	12	75.154	-176.957	1039.5	-31.3	346	12	74.734	179.974	1027.9	-30.3
317	13	75.109	-176.894	1036.8	-27.7	347	13	74.747	179.780	1033.5	-29.7
318	14	75.074	-177.001	1034.5	-20.9*	348	14	74.821	179.299	1031.1	-26.1
319	15	75.050	-177.273	1031.0	-25.9	349	15	74.853	178.907	1034.8	-29.2
320	16	75.030	-177.594		-27.9*	353	19	74.721	177.754	1026.7	-27.7
321	17	75.004	-178.155	1029.7	-21.2	354	20	74.710	177.782	1025.0	-31.2
322	18	75.002	-178.941	1028.0	-18.2	355	21	74.705	177.785	1020.2	-32.7
323	19	75.012	-179.486	1031.4	-20.9	356	22	74.706	177.693	1021.9	-27.6
324	20	75.045	-179.833	1031.8	-23.2	357	23	74.707	177.660	1021.7	-26.8
325	21	75.087	-179.883	1028.0	-17.7	358	24	74.706	177.628	1020.9	-28.6
326	22	75.093	-179.883	1026.0	-23.3*	359	25	74.673	177.624	1012.0	-28.7
327	23	75.071	-179.839	1021.4	-19.2*	360	26	74.642	177.558	1012.6	-24.8
328	24	74.994	-179.391	1025.0	-25.3	361	27	74.611	177.543	1022.0	-28.5
329	25	74.971	-178.936	1019.0	-23.6	362	28	74.592	177.574	1028.0	-35.2
330	26	74.910	-178.519	1019.2	-26.7	363	29	74.584	177.551	1023.9	-32.0
331	27	74.868	-178.244	1018.8	-29.3						
332	28	74.857	-177.969	1008.8	-26.7						
333	29	74.869	-177.853	1004.0	-26.8						
334	30	74.887	-177.955	1004.9	-31.6						

BUOY 1897

BUOY (1897) 87 Jan					BUOY (1897) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	85.284	-26.476	1007.8	-26.3	32	1	84.952	-27.712	1005.1	-31.8
2	2	85.275	-26.330	1016.0	-27.9	33	2	84.951	-27.711	1003.9	-24.7
3	3	85.300	-26.597	1012.6	-23.1	34	3	84.952	-27.722	1017.3	-26.0
4	4	85.387	-27.137	998.4	-18.9	35	4	84.978	-27.899	1008.1	-17.0
5	5	85.358	-26.649	1014.5	-25.1	36	5	85.081	-28.067	1011.5	-17.2
6	6	85.344	-26.544	1017.0	-28.3	37	6	85.065	-28.004	1018.0	-29.4
7	7	85.365	-26.763	1005.6	-24.7	38	7	85.043	-28.027	1012.0	-33.7
8	8	85.357	-26.527	1004.5	-28.3	39	8	85.031	-27.939	1010.4	-38.0
9	9	85.313	-26.316	1000.1	-27.2	40	9	85.027	-27.846	1016.0	-39.9
10	10	85.310	-26.228	994.4	-27.0	41	10	85.028	-27.865	1016.7	-35.2
11	11	85.308	-25.775	998.8	-33.1	42	11	85.031	-27.940	1017.7	-34.2
12	12	85.323	-26.069	991.8	-26.3	43	12	85.031	-27.953	1020.4	-33.4*
13	13	85.329	-25.596	996.0	-24.6	44	13	85.011	-27.437	1025.1	-35.4
14	14	85.289	-25.349	1002.2	-31.3	45	14	85.010	-27.363	1029.1	-38.1
15	15	85.183	-24.205	1016.0	-32.3	46	15	85.010	-27.427	1024.4	-39.2
16	16	85.150	-23.892	1011.6	-34.5	47	16	85.010	-27.428	1017.6	-31.2
17	17	85.173	-24.412	1005.0	-21.0	48	17	84.993	-26.904	1024.2	-34.2
18	18	85.183	-24.616	993.3	-17.8	49	18	84.910	-25.696	1030.2	-36.8
19	19	85.079	-23.736	999.6	-24.1	50	19	84.827	-24.443	1035.6	-38.0
20	20	84.879	-22.804	1004.7	-23.1	51	20	84.817	-24.176	1032.2	-37.5
21	21	84.849	-23.455	1022.4	-32.7	52	21	84.815	-24.241	1032.5	-37.2
22	22	84.854	-24.193	1025.5	-32.5	53	22	84.811	-24.316	1031.4	-37.2
23	23	84.852	-24.336	1025.0	-30.4	54	23	84.805	-24.290	1043.6	-38.4
25	25	84.831	-24.228	1025.8	-39.9	55	24	84.741	-23.300	1040.8	-33.3
26	26	84.826	-24.212	1023.0	-36.0*	56	25	84.693	-22.674	1038.4	-29.1
27	27	84.847	-24.695	1015.1	-25.6	57	26	84.666	-22.447	1032.4	-32.1
28	28	84.915	-25.887	1005.9	-22.1	58	27	84.674	-22.580	1018.4	-28.7
29	29	84.962	-27.572	1011.4	-21.9	59	28	84.691	-22.876	1001.3	-28.5
30	30	84.963	-27.858	1012.8	-29.2						
31	31	84.958	-27.757	1007.3	-33.0						

BUOY (1897) 87 Mar					BUOY (1897) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	84.636	-20.686	1012.2	-25.5	91	1	83.886	-16.925	1036.9	-28.8
61	2	84.571	-19.634	1024.5	-31.0	92	2	83.886	-16.924	1040.6	-29.5
62	3	84.566	-19.643	1023.3	-30.9	93	3	83.885	-16.923	1029.5	-27.0
63	4	84.498	-19.820	1022.7	-26.6	94	4	83.886	-16.923	1020.6	-16.5
64	5	84.468	-19.891	1017.4	-29.3	95	5	83.886	-16.926	1022.1	-15.5
65	6	84.488	-20.051		-26.2*	96	6	83.886	-16.931	1027.4	-18.9
66	7	84.398	-19.322	994.1	-29.2	97	7	83.885	-16.928	1022.5	-24.1
67	8	84.339	-18.710	1017.6	-35.3	98	8	83.885	-16.924	1020.1	-27.0*
68	9	84.341	-18.699	1020.4	-39.0	99	9	83.885	-16.917	1018.0	-30.5
69	10	84.340	-18.670	1020.8	-37.2	100	10	83.886	-16.923	1013.9	-28.8
70	11	84.301	-18.298	1038.5	-37.4	101	11	83.885	-16.922	1012.4	-28.0
71	12	84.350	-18.774	1007.3	-26.9	102	12	83.885	-16.920	1013.3	-23.6
72	13	84.301	-18.759	995.5	-21.7	103	13	83.885	-16.922	1009.4	-15.1
73	14	84.111	-18.051	1015.1	-20.0	104	14	83.886	-16.923	1009.4	-10.5
74	15	84.039	-17.956	1028.1	-26.4	105	15	83.885	-16.921	1012.9	-15.2
75	16	84.042	-17.961	1030.2	-32.7*	106	16	83.886	-16.926	1023.9	-17.5
76	17	84.041	-17.960	1035.4	-35.1	107	17	83.886	-16.927	1029.8	-18.0
77	18	84.040	-17.959	1031.1	-34.5*	108	18	83.886	-16.929	1025.6	-18.9
78	19	84.035	-17.888	1028.6	-31.8	109	19	83.885	-16.925	1015.5	-17.0
79	20	83.944	-17.215	1035.6	-29.3	110	20	83.885	-16.928	1009.9	-22.1
80	21	83.899	-16.855	1043.4	-31.5	111	21	83.887	-16.912	1004.5	-11.4
81	22	83.887	-16.808	1034.0	-30.6	112	22	83.881	-16.766	1009.6	-7.7*
82	23	83.884	-16.844	1030.7	-27.6	113	23	83.983	-16.604	1002.9	-2.3
83	24	83.888	-16.936	1030.8	-25.7	114	24	84.033	-16.525	1000.1	-12.4
84	25	83.887	-16.929	1035.1	-30.0	115	25	83.954	-16.784	996.0	-14.6
87	28	83.886	-16.914	1014.4	-30.6*	116	26	83.844	-16.458	1000.3	-16.8
88	29	83.887	-16.921	1019.8	-26.7	117	27	83.829	-16.297	1007.9	-17.6
89	30	83.886	-16.922	1030.6	-30.9	118	28	83.732	-16.300	1003.6	-16.8
90	31	83.888	-16.919	1033.9	-30.3	119	29	83.613	-15.806	1007.6	-14.3
						120	30	83.462	-15.248	1014.5	-13.8

BUOY 1897

BUOY(1897) 87 May					BUOY(1897) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	83.300	-14.737	1021.5	-13.3	152	1	82.561	-13.898	1032.7	1.3*
122	2	83.204	-14.144	1018.3	-12.8	153	2	82.560	-13.893	1026.1	2.3
123	3	83.111	-13.982	1015.0	-11.8	154	3	82.560	-13.888	1024.4	0.9
124	4	83.039	-14.058	1019.7	-10.1	155	4	82.560	-13.893	1025.3	0.8
125	5	83.009	-14.274	1020.9	-10.3	156	5	82.562	-13.921	1017.1	2.0
126	6	83.006	-14.348	1025.4	-10.5	157	6	82.580	-13.990	1012.9	3.1*
127	7	83.006	-14.391	1020.4	-9.4	158	7	82.600	-14.001	1012.5	2.9*
128	8	83.005	-14.399	1020.8	-8.5	159	8	82.581	-14.009	1021.3	3.0
129	9	83.005	-14.396	1020.3	-6.6	160	9	82.562	-14.056	1026.7	3.5*
130	10	83.009	-14.429	1012.9	-4.0	161	10	82.557	-14.044	1024.1	3.1*
131	11	83.008	-14.449	1018.9	-7.1	162	11	82.548	-14.044	1024.6	3.0*
132	12	83.007	-14.458	1019.2	-6.6*	163	12	82.547	-14.043	1021.2	2.5*
133	13	83.005	-14.463	1014.3	-7.0	164	13	82.540	-13.978	1010.7	2.9*
134	14	82.991	-14.480	1015.3	-7.3	165	14	82.495	-13.912	1010.6	3.1*
135	15	82.992	-14.475	1006.3	-6.5	166	15	82.504	-13.918	1003.1	4.0*
136	16	82.980	-14.513	1006.1	-7.4	167	16	82.485	-13.858	1009.7	3.9*
137	17	82.966	-14.508	1010.4	-8.5	168	17	82.442	-13.881	1010.1	3.7*
138	18	82.951	-14.593	1015.7	-6.3	169	18	82.440	-13.909	1006.9	3.5
139	19	82.820	-14.431	1012.3	-6.1	170	19	82.440	-13.922	1005.0	3.4
140	20	82.735	-14.031	1014.8	-3.4	171	20	82.435	-13.901	1002.9	3.8*
141	21	82.708	-13.918	1017.2	-2.2	172	21	82.282	-13.429	1015.2	2.7
142	22	82.689	-13.926	1019.1	-4.7	173	22	82.241	-13.357	1020.6	4.0*
143	23	82.654	-13.816	1016.6	-3.3	174	23	82.226	-13.292	1025.2	3.8
144	24	82.665	-13.788	1018.9	-2.1	175	24	82.225	-13.262	1025.6	4.2
145	25	82.705	-13.797	1014.2	0.8	176	25	82.212	-13.181	1027.3	4.2*
146	26	82.706	-13.603	1019.4	3.0*	177	26	82.212	-13.184	1028.0	3.6*
147	27	82.666	-13.691	1024.8	1.2*	178	27	82.210	-13.169		3.4*
148	28	82.627	-13.677	1027.1	2.6*	179	28	82.210	-13.172	1022.4	2.7*
149	29	82.609	-13.708	1028.0	1.5*	180	29	82.194	-13.116	1021.3	4.7*
150	30	82.596	-13.765	1025.7	-0.6	181	30	82.130	-12.775	1014.5	4.6*
151	31	82.568	-13.864	1027.1	-0.9						

BUOY(1897) 87 Jul					BUOY(1897) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	82.102	-12.658	1015.3	4.3*	213	1	80.856	-11.772	1009.5	4.4*
183	2	82.110	-12.681	1016.9	3.6*	214	2	80.832	-11.828		4.2*
184	3	82.084	-12.707	1010.9	3.4	215	3	80.789	-11.979	1015.8	4.0*
185	4	82.075	-12.690	1013.6	4.5	216	4	80.767	-12.125	1019.3	4.3*
186	5	82.059	-12.652	1010.8	4.4	217	5	80.753	-12.015	1024.7	4.8*
187	6	82.058	-12.644	1009.2	4.4*	218	6	80.751	-11.792	1023.8	4.5*
188	7	82.058	-12.648	1010.2		219	7	80.754	-11.617	1023.1	3.6
189	8	82.058	-12.641	1011.7		220	8	80.759	-11.272	1018.1	3.2
190	9	82.101	-12.532	1013.4	4.6*	221	9	80.733	-11.188	1018.9	2.9*
191	10	82.236	-12.359	1015.2	4.1*	222	10	80.704	-11.178	1020.9	
192	11	82.280	-12.672	1009.3	4.0	223	11	80.670	-11.204	1025.5	
193	12	82.260	-12.793	1007.4	3.7	224	12	80.668	-11.123		
194	13	82.210	-12.852	1005.1	3.5	225	13	80.679	-11.152		3.3*
195	14	82.139	-12.692	1000.2	4.4*	226	14	80.730	-11.095	1014.7	2.5*
196	15	82.019	-12.314	1003.6	4.3*	227	15	80.602	-11.229	1012.5	4.3*
197	16	81.943	-12.009	1014.1		228	16	80.531	-11.422		3.8
198	17	81.926	-11.945			229	17	80.530	-11.268	1016.0	2.8*
199	18	81.907	-11.865	1009.5	4.4*	230	18	80.563	-10.998		3.3*
200	19	81.896	-11.783	1010.7		231	19	80.530	-10.654	1014.8	3.1*
201	20	81.880	-11.706	1011.6	4.7*	232	20	80.416	-10.579	1017.8	2.9*
202	21	81.857	-11.714	1007.0	4.6*	233	21	80.224	-10.548	1016.0	2.3*
203	22	81.814	-11.683	1010.6	4.6	234	22	80.075	-10.291	1014.5	3.0*
204	23	81.736	-11.412	1011.2	4.5*	235	23	79.983	-9.746		2.1*
205	24	81.627	-11.065			236	24	79.915	-9.375	1007.1	1.3*
210	29	81.206	-10.187	1008.1	3.3	237	25	79.852	-8.922		0.3*
211	30	81.084	-10.746	998.8	3.9	238	26	79.788	-8.707	1011.2	0.2*
212	31	80.927	-11.480	1002.3	4.5	239	27	79.741	-8.439	1005.7	1.1
						240	28	79.635	-8.559	1005.9	2.4
						241	29	79.521	-8.487	1013.8	0.8
						242	30	79.447	-8.262	1014.2	0.3
						243	31	79.295	-8.305	1016.8	-0.6*

BUOY 1897

BUOY(1897) 87 Sep					BUOY(1897) 87 Oct						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
244	1	79.174	-8.577	1016.9	-0.3	274	1	76.439	-13.807	1009.4	-13.9
245	2	79.110	-8.417	1019.1	-0.4*	275	2	76.336	-13.819	1010.1	-10.1*
246	3	79.071	-8.337	1023.6	1.2*	276	3	76.284	-13.828	1006.7	-15.6*
247	4	79.041	-8.296	1015.5	2.4*	277	4	76.254	-13.867	998.5	-12.3
248	5	79.012	-8.207		0.7*	278	5	75.992	-14.543	1010.8	-15.8*
249	6	78.950	-8.500	1017.1	4.2*	279	6	75.911	-14.673	1009.7	-15.0*
250	7	78.857	-8.932	1016.2	3.9	280	7	75.791	-14.847	993.9	-10.6*
251	8	78.720	-9.053	1012.7	4.1	281	8	75.388	-15.517	1008.0	-7.7*
252	9	78.561	-9.262	1020.2	-0.2	282	9	75.067	-15.983	1022.3	-9.7
253	10	78.402	-9.353	1013.6	-2.8*	283	10	74.869	-16.632	1008.1	-10.3
254	11	78.277	-8.974	1012.8	-2.0*	284	11	74.725	-16.952		-12.8*
255	12	78.139	-9.486	1012.3	-3.9	285	12	74.600	-17.096	1006.2	-11.9*
256	13	78.086	-10.458	1012.5	-3.5*	286	13	74.536	-17.072	1008.7	-9.0
257	14	77.959	-11.407	1004.6	-2.4	287	14	74.432	-17.151	1015.2	-9.8*
258	15	77.793	-12.806	1011.1	-0.6	288	15	74.303	-17.174	1014.4	-11.4*
259	16	77.648	-13.471	1015.1	-0.8	289	16	74.137	-17.324	1016.8	-11.5
260	17	77.478	-13.776	1033.4	-1.6	290	17	73.900	-17.720	1017.3	-12.8*
261	18	77.359	-13.902	1025.2	-3.1*	291	18	73.792	-18.023	1016.9	-13.5
262	19	77.330	-13.739	1020.9	-2.9*	292	19	73.676	-18.264	1019.3	-13.6
263	20	77.277	-13.544	1020.4	-1.1	293	20	73.522	-18.449	1030.9	-10.2
264	21	77.172	-13.240		-3.9*	294	21	73.341	-18.516	1034.1	-7.7*
265	22	77.062	-12.996	1014.3	-4.1	295	22	73.030	-18.735		-3.0*
266	23	76.985	-12.756	1007.0	-5.0	296	23	72.665	-19.508	1015.6	-3.6*
267	24	76.863	-12.635	1004.8	-4.9*	297	24	72.524	-19.682	1002.4	-2.4*
268	25	76.681	-12.979	1014.9	-8.1*	298	25	72.435	-19.815	992.2	-0.7
269	26	76.668	-13.229	1009.9	-7.5	299	26	72.059	-20.596	999.1	-6.1
270	27	76.682	-13.272	1004.6	-4.3*	300	27	71.702	-20.858	1014.8	-8.8
271	28	76.561	-13.523	1006.2	-10.6*	301	28	71.422	-21.075	1016.5	-11.0*
272	29	76.511	-13.726	996.8	-10.5	302	29	71.195	-20.936	1013.4	-10.9
273	30	76.470	-13.779	1013.0	-11.8*	303	30	70.815	-20.732	1015.2	-15.7*
						304	31	70.537	-20.738	1012.9	-15.8

BUOY(1897) 87 Nov					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)	
305	1	70.254	-20.937	993.7	-9.8
306	2	70.004	-21.125	1015.1	-8.4*
307	3	69.755	-21.268		-6.8
308	4	69.234	-21.724		-1.4
309	5	68.864	-23.375	1026.2	-4.0
310	6	68.572	-24.056	1024.9	-1.3
311	7	68.509	-24.578	1028.0	-4.2
312	8	68.453	-24.739		-3.6
313	9	68.305	-25.368	1008.6	-5.6*
314	10	68.114	-25.931	998.2	-6.7*
315	11	67.927	-27.160	997.5	-2.1
316	12	67.628	-28.076	1002.0	-1.7
317	13	67.820	-28.574	1006.1	-3.3
318	14	67.926	-27.852	1003.2	1.3*
319	15	67.796	-28.048	997.5	1.5*
320	16	67.880	-28.593	1004.1	-0.5
321	17	67.940	-28.682	1010.5	-2.5
322	18	67.961	-29.041	1000.1	0.3
323	19	68.047	-28.626	998.9	-2.3*
324	20	68.074	-28.521	1000.7	-2.4
325	21	68.065	-28.522	1003.9	-4.6*
326	22	68.063	-28.611	1033.9	-11.6*
327	23	68.063	-28.450	1024.6	-6.2
328	24	68.069	-28.396	1015.5	-1.7*
329	25	68.097	-28.225	982.7	0.2*
330	26	68.095	-28.491	1001.3	-2.2

BUOY 2879

BUOY (2879) 87 Apr		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (2879) 87 May		LAT (N)	LON (+E, -W)	P (MB)	T (C)
98	8	84.987	-51.477			121	1	84.993	-51.162	1030.4	-19.4
99	9	84.987	-51.477			122	2	84.991	-51.167	1023.3	-19.8
100	10	84.987	-51.479			123	3	84.991	-51.185	1017.0	-19.3
101	11	84.987	-51.474	1011.1	-31.6*	124	4	84.992	-51.185	1020.6	-19.6*
102	12	84.987	-51.472	1010.4	-26.3	125	5	84.990	-51.216	1021.8	-18.0
103	13	84.988	-51.468	1010.5	-24.7	126	6	84.991	-51.223	1025.5	-17.3
104	14	84.987	-51.466	1012.3	-25.0	127	7	84.990	-51.221	1019.9	-17.5*
105	15	84.988	-51.483	1014.4	-25.1	128	8	84.990	-51.211	1018.9	-15.6*
106	16	84.987	-51.480	1024.3	-23.3	129	9	84.989	-51.216	1017.2	-16.0
107	17	84.988	-51.483	1027.1	-26.6	130	10	84.991	-51.224	1011.3	-15.0
108	18	84.987	-51.479	1020.6	-26.6	131	11	84.991	-51.211	1019.0	-13.4
109	19	84.987	-51.475	1014.7	-25.9	132	12	84.990	-51.224	1019.0	-12.2
110	20	84.988	-51.487	1009.0	-29.5	133	13	84.989	-51.226	1017.1	-13.5
111	21	84.987	-51.465	1005.7	-27.3	134	14	84.989	-51.190	1015.4	-13.9
112	22	84.988	-51.477	1008.6	-26.5	135	15	84.987	-51.213	1008.4	-15.5*
113	23	84.988	-51.469	996.2	-20.8	136	16	84.990	-51.225	1011.4	-14.8
114	24	84.991	-51.454	997.7	-25.0	137	17	84.990	-51.226	1006.2	-14.0
115	25	85.004	-51.229	1003.6	-23.8	138	18	84.994	-51.208	1016.0	-15.0
116	26	85.005	-51.151	1000.9	-24.7	139	19	84.991	-51.277	1016.5	-13.2*
117	27	85.007	-51.111	1008.5	-27.6	140	20	84.988	-51.271	1010.4	-7.4
118	28	85.004	-51.086	1013.1	-27.5*	141	21	84.990	-51.260	1012.2	-10.4*
119	29	84.995	-51.156	1017.0	-22.6	142	22	84.990	-51.258	1018.2	-12.5*
120	30	84.993	-51.175	1024.9	-20.5*	143	23	84.991	-51.169	1015.8	-12.5
						144	24	84.992	-51.167	1018.2	-12.8
						145	25	84.991	-51.371	1013.0	-6.7
						146	26	84.989	-51.351	1015.2	-6.0
						147	27	84.988	-51.294	1023.0	-7.5*

BUOY (2879) 87 Jun		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (2879) 87 Jul		LAT (N)	LON (+E, -W)	P (MB)	T (C)
153	2	84.989	-51.309	1025.8	-3.7	182	1	84.980	-52.325	1013.9	1.3*
154	3	84.986	-51.319	1028.2	-3.4	183	2	84.981	-52.443	1017.7	0.8
155	4	84.988	-51.377	1027.0	-3.8	184	3	84.979	-52.441	1018.1	0.5
156	5	84.989	-51.395	1016.3	-4.3	185	4	84.978	-52.483	1021.4	0.9*
157	6	85.000	-52.083	1010.0	-1.5	186	5	84.981	-52.481	1018.2	0.0
158	7	84.995	-52.507	1012.8	-0.9	187	6	84.976	-52.410	1009.3	0.3
159	8	84.995	-52.503	1020.1	-2.4	188	7	84.975	-52.437	1007.6	1.2
160	9	84.994	-52.477	1026.9	-3.2	189	8	84.981	-52.389	1009.1	1.2
161	10	84.992	-52.480	1024.7	-3.1	190	9	84.978	-52.326	1012.3	0.9
162	11	84.991	-52.470	1023.7	-4.0	191	10	84.984	-52.368	1015.9	0.9
163	12	84.993	-52.486	1014.3	-0.4	192	11	84.978	-52.429	1013.5	1.2
164	13	84.995	-52.511	1010.9	-0.9	193	12	84.977	-52.424	1010.9	1.3
165	14	84.994	-52.487	1006.8	-0.5*	194	13	84.977	-52.416		1.0*
166	15	84.992	-52.439	1001.7	1.1	195	14	84.968	-52.359		0.7*
167	16	84.990	-52.420	1013.4	-0.9*	196	15	84.958	-52.227	1001.8	
168	17	84.991	-52.413	1011.9	-2.0	197	16	84.951	-52.061	1010.9	
169	18	84.988	-52.455	1008.1	-0.6	198	17	84.949	-51.939	1009.3	
170	19	84.988	-52.428	1008.1	-0.1	199	18	84.950	-51.903	1007.0	
171	20	84.987	-52.427	1011.9	-1.1	200	19	84.924	-51.302	1007.5	
172	21	84.986	-52.356	1017.7	-1.8	201	20	84.916	-51.153	1010.7	
173	22	84.986	-52.330	1020.7	-0.9	202	21	84.918	-51.159	1009.9	
174	23	84.983	-52.302	1027.3	0.4	203	22	84.910	-51.044	1010.1	
175	24	84.987	-52.352		0.7*	204	23	84.877	-50.315	1012.5	
176	25	84.985	-52.342	1032.9	0.9	205	24	84.848	-49.453	1010.6	
177	26	84.985	-52.335	1032.4	1.2*	210	29	84.812	-48.767	1011.8	
178	27	84.984	-52.340	1028.8	1.9	211	30	84.808	-50.029	1013.2	
179	28	84.981	-52.332	1024.4	0.9	212	31	84.772	-50.143	1013.6	
180	29	84.981	-52.330	1022.8	0.5						
181	30	84.984	-52.343	1019.8	1.2						

BUOY 2879

BUOY (2879) 87 Aug					BUOY (2879) 87 Sep						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
213	1	84.771	-50.070	1011.3	1.4*	244	1	84.600	-53.514	1010.0	-0.6
214	2	84.765	-50.382	1015.4	1.3	245	2	84.636	-53.713	1003.5	-3.3
215	3	84.784	-51.404	1015.4	0.7	246	3	84.685	-53.563	1006.4	-0.9
216	4	84.806	-52.147	1014.3	0.3	247	4	84.715	-53.566	1004.2	-3.5
217	5	84.835	-52.386	1017.3	2.0*	248	5	84.706	-53.362	1012.5	-9.3
218	6	84.847	-52.545		1.7	249	6	84.685	-53.414	1016.2	-8.9
219	7	84.874	-52.630	1020.6	2.7	250	7	84.714	-53.491	1009.6	-11.0
220	8	84.857	-53.075	1017.3	1.7	251	8	84.715	-53.428	1016.4	-9.9
221	9	84.839	-53.645	1017.9	0.6	252	9	84.715	-53.354	1019.1	-9.7
222	10	84.803	-53.590	1022.4	0.6	253	10	84.791	-53.620	997.3	-7.3
223	11	84.754	-53.085	1024.2	1.1	254	11	84.721	-52.403	1014.4	-9.1
224	12	84.708	-52.573	1022.9	0.6	255	12	84.725	-51.889	1016.9	-10.5
225	13	84.671	-52.336	1019.8	0.1	256	13	84.726	-51.776	1019.4	-14.2
226	14	84.640	-52.276	1019.7	-0.2	257	14	84.723	-51.842	1018.6	-15.3
227	15	84.609	-52.313	1018.1	-1.7*	258	15	84.771	-52.235	1007.5	-13.2
228	16	84.599	-52.296	1018.4	-1.5	259	16	84.736	-52.068	1020.5	-7.5*
229	17	84.598	-52.376	1017.0	0.6	260	17	84.741	-51.792	1030.1	-5.9
230	18	84.574	-52.482		0.8	261	18	84.767	-51.508	1016.2	-8.7
231	19	84.556	-52.597	1018.3	0.7	262	19	84.777	-51.277	1014.8	-9.9
232	20	84.536	-52.891	1018.2	0.5	263	20	84.778	-51.084	1015.1	-7.2
233	21	84.501	-53.323	1016.0	-3.1	264	21	84.766	-51.194	1015.3	-6.8
234	22	84.480	-53.394	1006.8	-3.0	265	22	84.760	-51.220	1012.3	-7.9
235	23	84.481	-53.221	1006.4	-2.5*	266	23	84.746	-51.310	1012.5	-20.6
236	24	84.460	-53.236	1003.1	-1.2	267	24	84.738	-51.175	1011.0	-20.0
237	25	84.482	-53.181	1009.2	-5.1	268	25	84.737	-51.147	1008.5	-20.8*
238	26	84.479	-53.232	1008.7	-3.6	269	26	84.733	-50.387	1001.5	-18.1
239	27	84.477	-53.264	1006.5	-4.2	270	27	84.739	-49.730	1003.1	-21.2
240	28	84.491	-53.345	1004.8	-3.7						
241	29	84.543	-53.333	1007.1	-4.1						
242	30	84.559	-53.390	1007.1	-7.6						
243	31	84.541	-53.462	1011.6	-6.4						

BUOY (2879) 87 Oct					BUOY (2879) 87 Nov						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
274	1	84.713	-47.682	1008.5	-16.0	305	1	84.263	-30.554	1015.5	
275	2	84.698	-46.693	1003.3	-13.7	306	2	84.264	-30.524	1022.0	
276	3	84.678	-45.484	994.8	-13.7*	307	3	84.264	-30.563	1010.3	
277	4	84.670	-45.098	1009.5	-25.4	308	4	84.265	-30.546	1018.4	
278	5	84.669	-44.773	1005.5	-21.3	309	5	84.263	-30.559	1028.2	
279	6	84.640	-44.178	996.2	-13.6*	310	6	84.264	-30.541	1031.6	
280	7	84.617	-43.466	1000.6	-18.9*	311	7	84.263	-30.554	1028.3	
281	8	84.587	-42.552	1018.4	-19.7	312	8	84.264	-30.545	1019.7	
282	9	84.571	-41.344	1015.1	-16.1*	313	9	84.261	-30.562	1013.1	
283	10	84.575	-39.814	1003.2	-12.0	314	10	84.262	-30.547	1012.6	
284	11	84.570	-39.159	1001.2	-13.3	315	11	84.265	-30.563	1004.6	
285	12	84.559	-37.723	988.8	-12.3	316	12	84.263	-30.553	1006.7	
286	13	84.554	-36.537	995.3	-20.8*	317	13	84.263	-30.557	1013.6	
287	14	84.533	-35.464	1005.2	-23.7*	318	14	84.261	-30.541	1009.4	
288	15	84.522	-34.631	1009.9	-24.8*	319	15	84.264	-30.553	1009.2	
289	16	84.473	-33.967	1019.0	-31.9	320	16	84.264	-30.555	1024.2	
290	17	84.414	-33.287	1006.9	-25.9*	321	17	84.262	-30.547	1029.5	
291	18	84.342	-31.787	1005.8	-18.5*	322	18	84.263	-30.560	1014.1	
292	19	84.285	-30.934	1015.0		323	19	84.265	-30.538	1011.3	
293	20	84.284	-30.930	1023.9		324	20	84.265	-30.554	1006.4	
294	21	84.281	-30.777	1030.6		325	21	84.260	-30.516	1014.8	
295	22	84.278	-30.778	1025.3		326	22	84.265	-30.528	1021.0	
296	23	84.286	-30.689	1018.2		327	23	84.265	-30.145	1023.7	
297	24	84.282	-30.739	991.8		328	24	84.255	-29.857	1006.0	
298	25	84.262	-30.496	1004.0		329	25	84.246	-29.720		
299	26	84.264	-30.539	1014.4		330	26	84.229	-29.465	1006.4	
300	27	84.264	-30.537	1018.5		331	27	84.224	-29.467	1009.1	
301	28	84.264	-30.544	1016.2		332	28	84.224	-29.478	1006.2	
302	29	84.264	-30.569	1010.7		333	29	84.225	-29.463	1011.1	
303	30	84.264	-30.557	1019.1		334	30	84.222	-29.466	1022.4	
304	31	84.262	-30.561	1014.4							

BUOY 2879

BUOY(2879) 87 Dec	LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1	84.223	-29.458	1025.8
336	2	84.221	-29.457	
337	3	84.222	-29.470	1033.9
338	4	84.223	-29.466	1029.1
339	5	84.220	-29.104	1014.5 -17.7*
340	6	84.219	-29.073	1009.4 -23.6*
341	7	84.202	-28.882	1014.5 -18.1*
342	8	84.203	-28.974	1015.4 -26.4
343	9	84.203	-28.973	1021.2 -32.1
344	10	84.204	-28.974	1019.1 -28.7
345	11	84.203	-28.997	1022.5 -30.5
346	12	84.205	-29.032	1024.4 -32.0*
347	13	84.205	-29.045	-33.5*
348	14	84.206	-29.029	1022.3 -33.8
349	15	84.205	-29.038	1024.5 -35.8
353	19	84.202	-29.022	-33.3*
354	20	84.203	-29.032	1007.6 -33.4
355	21	84.203	-29.028	1010.0 -37.0
356	22	84.224	-28.637	1012.9 -27.8
357	23	84.231	-28.553	1018.5 -30.4
358	24	84.228	-28.572	1018.1 -38.6*
359	25	84.222	-28.569	1018.3 -37.7
360	26	84.220	-28.564	1024.0 -34.8
361	27	84.220	-28.575	1021.4 -35.6
362	28	84.220	-28.622	1026.0 -36.7*
363	29	84.220	-28.649	1021.9 -35.2

BUOY 3160

BUOY (3160)		LAT	LON	P	T	BUOY (3160)		LAT	LON	P	T
87 Apr		(N)	(+E, -W)	(MB)	(C)	87 May		(N)	(+E, -W)	(MB)	(C)
119	29	71.820	-149.024			121	1	71.807	-149.570		
120	30	71.809	-149.321			122	2	71.815	-149.948		
						123	3	71.809	-150.263		
						124	4	71.812	-150.390		
						125	5	71.815	-150.582		
						126	6	71.860	-150.922		
						127	7	71.918	-151.248		
						128	8	71.924	-151.290		
						129	9	71.975	-151.406		
						130	10	72.032	-151.552		
						131	11	72.082	-151.715		
						132	12	72.102	-151.986		
						133	13	72.072	-152.290		
						134	14	72.042	-152.514		
						135	15	72.007	-152.645		
						136	16	71.985	-152.671		
						137	17	71.978	-152.708		
						138	18	71.987	-152.901		
						139	19	72.034	-153.154		
						140	20	72.062	-153.245		
						141	21	72.059	-153.357		
						142	22	72.070	-153.644		
						143	23	72.086	-154.020		
						144	24	72.099	-154.405		
						145	25	72.094	-154.755		
						146	26	72.115	-155.097		
						150	30	72.132	-156.531		
						151	31	72.164	-156.835		

BUOY (3160)		LAT	LON	P	T	BUOY (3160)		LAT	LON	P	T
87 Jun		(N)	(+E, -W)	(MB)	(C)	87 Jul		(N)	(+E, -W)	(MB)	(C)
152	1	72.199	-157.204			183	2	73.118	-166.268		
153	2	72.257	-157.589			184	3	73.146	-166.734		
159	8	72.480	-159.266			185	4	73.175	-167.088		
160	9	72.539	-159.826			191	10	73.358	-168.039		
161	10	72.524	-160.382			192	11	73.418	-168.023		
162	11	72.494	-160.878			199	18	73.486	-168.555		
163	12	72.472	-161.390			200	19	73.498	-168.575		
164	13	72.452	-161.687			202	21	73.593	-168.940		
165	14	72.458	-161.783								
166	15	72.495	-161.780								
167	16	72.557	-161.725								
169	18	72.635	-162.108								
170	19	72.652	-162.351								
171	20	72.662	-162.560								
172	21	72.696	-162.727								
173	22	72.737	-162.963								
174	23	72.761	-163.230								
175	24	72.815	-163.436								
176	25	72.861	-163.672								
177	26	72.871	-163.876								
178	27	72.863	-164.098								

BUOY 3160

BUOY (3160)	LAT	LON	P	T	BUOY (3160)	LAT	LON	P	T
87 Aug	(N)	(+E, -W)	(MB)	(C)	87 Sep	(N)	(+E, -W)	(MB)	(C)
228	16	73.641	-172.692		246	3	73.484	-172.614	
229	17	73.679	-172.875		247	4	73.437	-172.323	
230	18	73.748	-173.280		248	5	73.351	-172.145	
231	19	73.742	-173.408		249	6	73.291	-172.005	
233	21	73.745	-173.404		257	14	72.939	-170.944	
236	24	73.745	-173.908		260	17	72.760	-170.552	
237	25	73.808	-173.854		261	18	72.748	-170.527	
238	26	73.806	-173.485		265	22	72.862	-170.819	
239	27	73.742	-173.185		266	23	72.879	-170.978	

BUOY (3160)	LAT	LON	P	T	BUOY (3160)	LAT	LON	P	T
87 Oct	(N)	(+E, -W)	(MB)	(C)	87 Nov	(N)	(+E, -W)	(MB)	(C)
274	1	72.915	-173.085		306	2	72.980	-176.193	
275	2	72.894	-173.210		307	3	73.017	-176.077	
276	3	72.890	-173.223		310	6	73.072	-176.414	
277	4	72.925	-173.196		311	7	73.089	-176.656	
282	9	73.018	-173.094		312	8	73.103	-176.849	
283	10	73.017	-173.117		313	9	73.107	-177.009	
284	11	73.107	-173.024		314	10	73.100	-177.175	
285	12	73.162	-172.864		319	15	72.959	-177.886	
290	17	73.227	-173.978		320	16	72.934	-178.221	
294	21	73.240	-174.303		324	20	72.952	179.304	
299	26	72.848	-175.394		325	21	72.983	179.163	
300	27	72.817	-175.539		328	24	72.844	179.519	
301	28	72.858	-175.859		329	25	72.801	179.829	
302	29	72.899	-176.145		330	26	72.742	-179.806	
303	30	72.940	-176.158		334	30	72.682	-179.013	
304	31	72.945	-176.201						

BUOY 3160

BUOY (3160) 87 Dec	LAT (N)	LON (+E,-W)	P (MB)	T (C)
337	3	72.657	-179.168	
338	4	72.556	-178.882	
339	5	72.479	-178.434	
347	13	72.593	179.729	
348	14	72.710	179.208	
349	15	72.767	178.679	
350	16	72.749	178.319	
351	17	72.702	178.074	
354	20	72.638	-177.764	
355	21	72.634	177.764	
356	22	72.635	177.760	
360	26	72.567	177.608	
361	27	72.533	177.559	
362	28	72.514	177.537	
363	29	72.479	177.411	
365	31	72.416	176.538	

BUOY 3164

BUOY (3164) 87 Jan					BUOY (3164) 87 Feb				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1	77.256	-151.913	1031.0	33	2	77.015	-154.613	1018.3
7	7	77.182	-151.898		34	3	77.022	-154.716	
8	8	77.152	-152.066		35	4	77.027	-154.755	
11	11	77.151	-152.113	979.7	36	5	77.038	-154.836	
15	15	77.129	-151.647		39	8	76.940	-155.277	
16	16	77.180	-151.807	1012.6	42	11	76.842	-154.785	1038.7
17	17	77.228	-152.064	1004.3	43	12	76.812	-154.671	1036.9
18	18	77.241	-152.289	1003.6	44	13	76.770	-154.621	1033.9
19	19	77.234	-152.601	1013.2	50	19	76.689	-154.878	1033.1
23	23	77.190	-153.731		51	20	76.696	-155.044	1038.1
24	24	77.264	-154.463	1002.8	52	21	76.728	-155.371	1035.7
27	27	77.262	-154.219	1019.9	53	22	76.784	-155.861	1031.3
28	28	77.157	-154.161	1032.4	54	23	76.818	-156.164	1033.0
29	29	77.068	-154.231	1033.8					

BUOY (3164) 87 Mar					BUOY (3164) 87 Apr				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	76.758	-155.749	1029.9	96	6	76.809	-159.073	1031.5
70	11	77.011	-154.952	1002.1	97	7	76.800	-159.070	1036.9
71	12	76.971	-154.682	1012.5	100	10	76.797	-159.013	1030.9
80	21	76.807	-155.381	1036.5	101	11	76.791	-159.001	1033.3
81	22	76.780	-156.053	1021.2	106	16	76.721	-159.176	1012.9
82	23	76.845	-156.510	1022.4	107	17	76.693	-159.173	1009.0
83	24	76.945	-156.770	1021.7	109	19	76.706	-159.140	
					110	20	76.732	-159.192	1017.9
					111	21	76.734	-159.211	1020.2
					112	22	76.739	-159.177	1022.5
					113	23	76.737	-159.056	1018.8
					114	24	76.720	-158.955	
					115	25	76.693	-158.673	1002.1
					116	26	76.677	-158.266	998.1
					117	27	76.685	-157.952	995.6
					118	28	76.698	-157.763	999.8

BUOY 3164

BUOY (3164) 87 May					BUOY (3164) 87 Jun				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	76.729	-158.243	1027.1	152	1	77.416	-162.217	1023.9
122	2	76.730	-158.585	1029.5	159	8	77.684	-163.114	1024.0
124	4	76.736	-159.056	1027.8	160	9	77.709	-163.458	1025.4
125	5	76.762	-159.179	1030.3	162	11	77.775	-164.037	1018.4
126	6	76.824	-159.429	1025.0	163	12	77.772	-164.306	1011.7
128	8	76.943	-160.049	1011.1	164	13	77.759	-164.399	1008.7
129	9	76.983	-160.115	1010.9	170	19	78.079	-164.700	1007.5
130	10	77.013	-160.243	1013.3	171	20	78.110	-164.768	1010.8
137	17	76.976	-159.853	1028.2	172	21	78.150	-164.845	1012.3
138	18	77.002	-159.975	1027.2	173	22	78.181	-164.928	1015.9
146	26	77.186	-161.206	1012.5	174	23	78.182	-165.121	1024.7
147	27	77.247	-161.427	1012.4	177	26	78.266	-165.542	1028.8
					178	27	78.278	-165.833	1024.1
					179	28	78.279	-166.070	1022.9

BUOY (3164) 87 Jul					BUOY (3164) 87 Aug				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	78.352	-166.742	1030.6	217	5	78.708	-166.233	1019.3
183	2	78.404	-167.131	1029.9	218	6	78.693	-166.333	1012.5
187	6	78.465	-167.412	1024.2	219	7	78.691	-166.167	1008.8
188	7	78.495	-167.225	1020.8	220	8	78.693	-165.947	1013.2
189	8	78.563	-167.136	1012.7	223	11	78.906	-164.251	1017.4
190	9	78.659	-167.243	1006.3	224	12	79.013	-164.132	1010.8
191	10	78.728	-167.103	1010.7	225	13	79.041	-164.304	1012.8
192	11	78.776	-166.954	1015.6	228	16	79.002	-165.342	1016.9
193	12	78.840	-167.018	1013.4	229	17	78.994	-165.542	1018.3
196	15	78.834	-166.564	1014.8	230	18	79.008	-165.626	1018.2
197	16	78.817	-166.436	1014.1	231	19	79.015	-165.768	1016.5
198	17	78.805	-166.238	1013.7	232	20	79.028	-165.951	1015.9
199	18	78.803	-165.985	1012.3	233	21	79.153	-165.847	1001.8
200	19	78.794	-165.564	1014.7	234	22	79.171	-165.126	1004.5
201	20	78.811	-165.206	1016.0	235	23	79.148	-164.358	1008.6
202	21	78.857	-165.011	1011.2	236	24	79.147	-164.074	1011.5
203	22	78.909	-164.994	1007.8	237	25	79.190	-163.855	1010.5
211	30	78.759	-165.929	1034.7	238	26	79.239	-163.328	998.7
212	31	78.733	-165.948	1037.5	239	27	79.201	-162.796	998.5
					240	28	79.056	-162.910	1016.2
					241	29	78.990	-162.873	1018.5
					242	30	78.959	-162.411	1010.9
					243	31	78.778	-161.737	1005.1

BUOY 3164

BUOY (3164)		LAT	LON	P	T	BUOY (3164)		LAT	LON	P	T
87 Sep		(N)	(+E, -W)	(MB)	(C)	87 Oct		(N)	(+E, -W)	(MB)	(C)
247	4	78.564	-161.005	991.9		276	3	79.909	-154.474	1015.2	
248	5	78.654	-161.283	1002.9		277	4	79.914	-153.951	1027.2	
249	6	78.658	-161.364	1001.8		278	5	79.981	-153.609	1019.7	
252	9	78.773	-160.174	996.0		283	10	80.122	-152.553	1008.8	
253	10	78.826	-159.823	996.9		289	16	80.367	-150.495	1012.1	
254	11	78.899	-159.632	996.0		290	17	80.437	-150.733	1013.5	
255	12	78.921	-159.336	1003.8		293	20	80.535	-150.590	1027.4	
256	13	78.948	-159.440	996.8		294	21	80.546	-150.738	1028.5	
257	14	78.990	-159.730	991.0		297	24	80.643	-152.298	1003.4	
258	15	79.121	-159.667	996.9		298	25	80.683	-152.668	1000.0	
261	18	79.473	-159.170	1000.0		299	26	80.679	-152.833	1003.0	
262	19	79.565	-158.677	1008.0		302	29	80.595	-152.401	1027.2	
265	22	79.792	-158.609	1016.6		303	30	80.648	-152.218	1026.6	
266	23	79.759	-158.399	1023.4							
267	24	79.753	-158.011	1025.7							
268	25	79.771	-157.889	1023.0							
269	26	79.778	-157.690	1019.9							
270	27	79.756	-157.189	1017.0							
271	28	79.772	-156.461	1007.9							
272	29	79.803	-156.098	1006.2							
273	30	79.854	-155.538	1004.0							

BUOY 3168

BUOY (3168) 87 Jan		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (3168) 87 Feb		LAT (N)	LON (+E, -W)	P (MB)	T (C)
1	1	86.126	-84.513	1014.7		32	1	85.889	-88.342		
2	2	86.114	-84.578	1012.4		33	2	85.884	-88.367		
3	3	86.122	-84.636			34	3	85.886	-88.428	1014.7	
4	4	86.115	-84.849			35	4	85.880	-88.532		
5	5	86.137	-84.431			36	5	85.875	-88.748		
6	6	86.149	-84.318			37	6	85.896	-88.622		
7	7	86.148	-84.331			38	7	85.886	-88.638		
8	8	86.135	-84.149			39	8	85.870	-88.571		
9	9	86.150	-84.019			40	9	85.873	-88.477		
10	10	86.161	-83.979			43	12	85.866	-88.628		
11	11	86.184	-83.836			44	13	85.865	-88.633	1023.8	
12	12	86.218	-84.077			46	15	85.864	-88.673		
13	13	86.229	-83.578			47	16	85.865	-88.660		
14	14	86.210	-83.315			48	17	85.865	-88.580		
15	15	86.192	-82.961			49	18	85.869	-88.439	1031.5	
16	16	86.182	-82.933			50	19	85.869	-88.423	1034.3	
17	17	86.163	-83.000			51	20	85.870	-88.417	1033.1	
18	18	86.142	-83.271			52	21	85.870	-88.422	1031.4	
19	19	86.115	-83.513			53	22	85.869	-88.418	1036.2	
20	20	86.114	-83.183			54	23	85.871	-88.410		
21	21	86.087	-83.673	1024.5		55	24	85.879	-88.017	1044.1	
22	22	86.041	-84.088	1027.9		56	25	85.897	-87.836	1038.4	
23	23	86.039	-84.114			57	26	85.932	-87.730		
24	24	86.041	-84.033			58	27	85.951	-87.763		
25	25	86.047	-83.939			59	28	85.924	-87.856		
26	26	86.053	-84.039								
27	27	86.054	-84.754								
28	28	86.021	-86.262								
29	29	85.940	-88.000								
30	30	85.891	-88.502	1015.3							
31	31	85.889	-88.399	1011.6							

BUOY (3168) 87 Mar		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (3168) 87 Apr		LAT (N)	LON (+E, -W)	P (MB)	T (C)
60	1	85.910	-86.777			91	1	85.926	-85.478	1037.1	
61	2	85.902	-85.856	1024.3		92	2	85.926	-85.472	1039.8	
62	3	85.902	-85.858	1026.2		93	3	85.926	-85.473		
63	4	85.902	-85.853			94	4	85.925	-85.495		
64	5	85.902	-85.850			95	5	85.926	-85.498		
65	6	85.903	-85.851			96	6	85.925	-85.492		
66	7	85.908	-85.836			97	7	85.926	-85.480		
67	8	85.934	-85.669			98	8	85.925	-85.482		
68	9	85.941	-85.723	1013.1		99	9	85.925	-85.482		
69	10	85.930	-85.615			100	10	85.925	-85.488	1017.4	
70	11	85.935	-85.564	1029.5		101	11	85.925	-85.475		
71	12	85.952	-85.464			102	12	85.925	-85.480		
73	14	85.975	-85.410	1021.4		103	13	85.927	-85.484		
74	15	85.971	-85.402			104	14	85.926	-85.491		
75	16	85.960	-85.499			105	15	85.926	-85.480		
76	17	85.944	-85.551	1036.4		106	16	85.926	-85.484		
77	18	85.936	-85.567	1034.8		107	17	85.926	-85.490		
79	20	85.928	-85.495	1034.9		108	18	85.930	-85.537		
80	21	85.926	-85.463	1039.3		109	19	85.933	-85.593		
81	22	85.925	-85.475	1037.9		110	20	85.929	-85.575		
82	23	85.925	-85.481	1035.1		111	21	85.928	-85.547		
83	24	85.925	-85.476	1034.4		112	22	85.928	-85.540		
84	25	85.926	-85.486	1035.5		113	23	85.929	-85.564		
87	28	85.926	-85.484			114	24	85.935	-85.859		
88	29	85.926	-85.468			115	25	86.012	-85.427		
						116	26	86.010	-85.105		
						117	27	86.029	-84.832		
						118	28	86.061	-84.725		
						119	29	86.051	-84.782		
						120	30	86.034	-84.816		

BUOY 3168

BUOY (3168) 87 May		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (3168) 87 Jun		LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	86.014	-84.834	1030.6		152	1	85.838	-85.689		
122	2	85.976	-84.857			153	2	85.823	-85.644		
123	3	85.934	-85.133			154	3	85.811	-85.767		
124	4	85.901	-85.430			155	4	85.769	-86.208		
125	5	85.889	-85.590			156	5	85.725	-86.404		
126	6	85.877	-85.588			157	6	85.707	-86.902	1012.3	
127	7	85.878	-85.544			158	7	85.668	-87.691	1013.3	
128	8	85.877	-85.536			159	8	85.644	-87.878	1019.5	
129	9	85.878	-85.533			160	9	85.643	-87.865		
130	10	85.877	-85.589			161	10	85.641	-87.921	1023.7	
131	11	85.876	-85.650			162	11	85.631	-88.138	1021.4	
132	12	85.876	-85.621			163	12	85.618	-88.378	1013.5	
133	13	85.876	-85.624			164	13	85.621	-88.374		
134	14	85.878	-85.591			165	14	85.654	-88.067		
135	15	85.874	-85.598	1011.9		166	15	85.676	-87.842		
136	16	85.887	-85.452	1009.7		167	16	85.626	-87.616	1013.1	
137	17	85.874	-85.784			168	17	85.629	-87.470	1011.5	
138	18	85.852	-85.890			169	18	85.629	-87.439	1010.5	
139	19	85.853	-86.082			170	19	85.625	-87.454	1011.5	
140	20	85.841	-85.991	1011.8		171	20	85.627	-87.447	1015.3	
141	21	85.838	-85.978	1009.8		172	21	85.636	-87.189	1016.3	
142	22	85.839	-85.979	1013.8		173	22	85.641	-87.083	1020.8	
143	23	85.851	-85.731	1011.9		174	23	85.644	-87.037	1024.7	
144	24	85.865	-85.638	1015.7		175	24	85.636	-87.108	1028.0	
145	25	85.852	-86.015	1015.5		176	25	85.616	-87.348		
146	26	85.837	-86.155	1015.2		177	26	85.617	-87.298		
147	27	85.836	-85.956			178	27	85.617	-87.274		
148	28	85.837	-85.808			179	28	85.616	-87.298	1025.3	
149	29	85.843	-85.651			180	29	85.616	-87.285	1023.9	
150	30	85.845	-85.643			181	30	85.599	-87.235	1024.2	
151	31	85.843	-85.647								

BUOY (3168) 87 Jul		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (3168) 87 Aug		LAT (N)	LON (+E, -W)	P (MB)	T (C)
182	1	85.587	-87.179	1021.0		213	1	85.172	-88.654	1014.3	
183	2	85.531	-87.706	1021.3		214	2	85.151	-89.155	1018.3	
184	3	85.457	-88.655	1021.7		215	3	85.116	-90.255	1016.7	
185	4	85.391	-89.116	1023.7		216	4	85.099	-91.345	1014.0	
186	5	85.321	-89.275	1019.0		217	5	85.090	-92.032	1014.5	
187	6	85.311	-89.060	1009.2		218	6	85.098	-92.052	1015.5	
188	7	85.313	-89.011	1007.1		219	7	85.082	-92.295	1016.4	
189	8	85.322	-88.813	1006.3		220	8	85.082	-92.217	1019.8	
192	11	85.317	-88.871	1014.8		221	9	85.056	-92.426	1017.3	
193	12	85.317	-88.864	1011.3		222	10	85.031	-92.155	1021.3	
194	13	85.317	-88.835	1008.7		223	11	85.028	-91.000	1021.5	
195	14	85.317	-88.768	1005.2		224	12	85.041	-90.065	1020.7	
196	15	85.319	-88.376	1004.2		225	13	85.053	-89.494	1018.3	
197	16	85.334	-87.913	1009.8		226	14	85.049	-89.290	1019.9	
198	17	85.339	-87.862	1008.9		227	15	85.017	-89.239	1018.8	
199	18	85.343	-87.698	1004.7		228	16	84.975	-89.384	1018.9	
200	19	85.358	-87.425	1004.2		229	17	84.946	-89.518	1018.2	
201	20	85.353	-87.473			230	18	84.918	-89.642	1018.8	
202	21	85.352	-87.466	1008.7		231	19	84.876	-89.999	1019.2	
203	22	85.360	-87.341	1008.4		232	20	84.835	-90.537	1018.5	
204	23	85.380	-86.830	1010.3		233	21	84.800	-90.812	1014.3	
210	29	85.344	-86.944	1015.6		234	22	84.798	-90.791		
211	30	85.285	-88.000	1017.9		235	23	84.816	-90.556		
212	31	85.218	-88.505	1016.5		236	24	84.834	-90.367	1002.4	
						237	25	84.843	-90.333	1005.7	
						238	26	84.841	-90.308	1007.9	
						239	27	84.848	-90.339	1003.9	
						240	28	84.868	-90.703		
						241	29	84.862	-91.288	1005.6	
						242	30	84.852	-91.656	1007.2	

BUOY 3168

BUOY (3168) 87 Sep					BUOY (3168) 87 Oct				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
246	3	84.869	-92.544		274	1	85.113	-82.695	
247	4	84.854	-92.635		275	2	85.135	-81.703	998.3
248	5	84.878	-91.564		276	3	85.138	-80.609	996.3
249	6	84.940	-91.061	1009.7	277	4	85.115	-80.249	
250	7	85.000	-91.284	1004.3	278	5	85.099	-79.771	
251	8	85.014	-91.060	1011.9	279	6	85.088	-78.688	998.3
252	9	85.037	-90.861	1009.6	280	7	85.087	-78.474	
253	10	85.106	-91.134		281	8	85.073	-77.986	
254	11	85.075	-89.213		282	9	85.088	-76.546	
257	14	85.107	-88.100		283	10	85.114	-74.982	998.6
258	15	85.145	-88.870	1001.9	284	11	85.117	-74.633	1000.9
259	16	85.130	-88.301	1019.7	285	12	85.129	-73.108	
260	17	85.170	-87.888		286	13	85.115	-71.981	
261	18	85.239	-87.184		287	14	85.094	-71.318	
262	19	85.250	-86.977		288	15	85.089	-71.107	
263	20	85.229	-86.798		289	16	85.091	-71.126	
264	21	85.209	-86.756		292	19	85.033	-69.367	
265	22	85.202	-86.755		293	20	85.032	-69.344	
266	23	85.185	-86.855		294	21	85.032	-69.348	
267	24	85.165	-86.676		295	22	85.031	-69.342	
270	27	85.123	-84.856		296	23	85.031	-69.354	
271	28	85.122	-84.581		297	24	85.031	-69.360	
272	29	85.112	-83.726		298	25	85.031	-69.361	
273	30	85.110	-82.840		299	26	85.031	-69.347	
					300	27	85.035	-69.338	1015.9
					301	28	85.043	-69.332	
					302	29	85.035	-69.492	
					303	30	85.029	-69.514	
					304	31	85.028	-69.436	1017.6

BUOY (3168) 87 Nov					BUOY (3168) 87 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	85.030	-69.410	1018.0	335	1	84.936	-70.660	
306	2	85.029	-69.415	1019.3	336	2	84.936	-70.665	
307	3	85.030	-69.415		337	3	84.938	-70.677	
308	4	85.029	-69.398	1019.5	338	4	84.969	-70.594	
309	5	85.030	-69.413	1026.1	340	6	84.989	-69.855	
310	6	85.030	-69.408		341	7	84.970	-69.959	
311	7	85.030	-69.431		342	8	84.967	-70.084	
312	8	85.029	-69.424		343	9	84.970	-70.119	
313	9	85.028	-69.409		344	10	84.963	-70.110	
314	10	85.028	-69.403	1015.2	345	11	84.950	-70.553	
317	13	85.022	-69.553		346	12	84.920	-71.638	
318	14	85.022	-69.577		347	13	84.883	-72.895	
319	15	84.986	-70.153		348	14	84.832	-73.945	
320	16	84.948	-70.988		349	15	84.772	-74.723	1028.4
321	17	84.943	-71.070		350	16	84.678	-75.303	
322	18	84.924	-71.248	1020.4	351	17	84.589	-76.006	
323	19	84.904	-71.332		352	18	84.527	-76.675	1016.0
324	20	84.904	-71.338		353	19	84.479	-77.217	
325	21	84.906	-71.314		354	20	84.441	-77.499	
326	22	84.914	-71.021	1017.1	355	21	84.405	-77.504	
327	23	84.918	-70.824	1018.6	356	22	84.389	-77.394	
328	24	84.920	-70.775		357	23	84.387	-77.314	
329	25	84.921	-70.763		358	24	84.387	-77.326	1014.5
330	26	84.921	-70.783		359	25	84.386	-77.325	
331	27	84.936	-70.716		360	26	84.392	-77.337	
332	28	84.944	-70.678		361	27	84.389	-77.389	
333	29	84.943	-70.660		362	28	84.391	-77.604	
334	30	84.942	-70.651		363	29	84.375	-77.825	
					364	30	84.368	-77.820	
					365	31	84.354	-78.106	

BUOY 3491

BUOY (3491) 87 Aug			BUOY (3491) 87 Sep						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
214	2	85.964			254	11	85.167		12.563
215	3	86.049			257	14	84.956		9.943
216	4	86.142			258	15	84.880		8.981
217	5	86.208			259	16	84.855		8.818
218	6	86.228			263	20	84.590		9.650
219	7	86.218			264	21	84.543		9.468
220	8	86.189			265	22	84.482		9.575
221	9	86.200			266	23	84.429		9.539
222	10	86.193			267	24	84.373		9.658
223	11	86.148			268	25	84.314		9.619
224	12	86.101			269	26	84.317		10.371
225	13	86.010			270	27	84.321		10.862
226	14	85.933			271	28	84.288		11.321
227	15	85.874			272	29	84.276		11.584
228	16	85.831			273	30	84.190		11.910
229	17	85.768							
230	18	85.731							
231	19	85.707							
232	20	85.653							
233	21	85.573							
234	22	85.505							
235	23	85.465							
236	24	85.439							
237	25	85.403							
238	26	85.377							
239	27	85.369							
240	28	85.361							
241	29	85.369							

BUOY (3491) 87 Oct			BUOY (3491) 87 Nov						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	84.103			305	1	82.846		21.586
275	2	83.990			306	2	82.856		21.096
276	3	83.914			307	3	82.867		20.172
277	4	83.897			308	4	82.827		19.093
278	5	83.834			309	5	82.680		18.165
279	6	83.808			310	6	82.557		17.674
280	7	83.728			311	7	82.462		17.163
281	8	83.689			312	8	82.417		16.941
282	9	83.585			313	9	82.391		16.802
283	10	83.483			314	10	82.374		16.659
284	11	83.426			315	11	82.371		16.420
285	12	83.373			316	12	82.437		16.534
286	13	83.351			317	13	82.427		16.558
287	14	83.351			318	14	82.409		16.355
288	15	83.354			319	15	82.422		15.935
289	16	83.319			320	16	82.432		15.412
290	17	83.281			321	17	82.481		14.584
291	18	83.249			322	18	82.535		14.160
292	19	83.287			323	19	82.537		14.320
293	20	83.205			324	20	82.506		13.563
294	21	83.023			325	21	82.414		12.693
295	22	82.975			326	22	82.323		12.720
296	23	83.024			327	23	82.266		13.094
297	24	83.089			328	24	82.201		13.317
298	25	83.056			329	25	82.306		13.274
299	26	83.005			330	26	82.278		12.910
300	27	82.960			331	27	82.154		12.217
301	28	82.924			332	28	82.079		12.263
302	29	82.921			333	29	82.039		11.401
303	30	82.903			334	30	81.958		11.237
304	31	82.861							

BUOY 3491

BUOY (3491) 87 Dec	LAT (N)	LON (+E, -W)	P (MB)	T (C)
337	3	81.837		10.811
338	4	81.720		10.316
339	5	81.643		9.943
340	6	81.600		10.257
341	7	81.576		10.502
342	8	81.538		10.166
343	9	81.501		9.936
344	10	81.478		9.787
345	11	81.469		9.438
346	12	81.442		8.892
347	13	81.397		8.104
348	14	81.358		7.465
349	15	81.310		6.799
350	16	81.217		6.212
351	17	81.163		5.604
352	18	81.132		5.005
353	19	81.113		4.542
354	20	81.110		4.249
355	21	81.017		4.313
356	22	81.007		3.525
357	23	80.848		1.770
358	24	80.458		0.861
359	25	79.984		0.368
360	26	79.322		-1.339
361	27	78.899		-2.585
362	28	78.354		-3.281
363	29	77.934		-4.097
364	30	77.473		-4.425
365	31	77.145		-4.462

BUOY 3831

BUOY(3831) 87 Oct				BUOY(3831) 87 Nov					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
287	14	73.518	-128.040		305	1	73.325	-131.351	
288	15	73.562	-128.219		306	2	73.233	-131.859	
289	16	73.616	-128.426		307	3	73.126	-132.251	
290	17	73.624	-128.505		310	6	72.906	-132.721	
293	20	73.685	-128.839		311	7	72.878	-133.074	
294	21	73.720	-129.093		312	8	72.829	-133.423	
295	22	73.774	-129.159		313	9	72.770	-133.760	
296	23	73.817	-129.456		314	10	72.692	-134.039	
297	24	73.802	-129.954		315	11	72.607	-134.255	
298	25	73.831	-130.292		316	12	72.525	-134.344	
302	29	73.521	-130.423		319	15	72.324	-134.625	
303	30	73.427	-130.628		320	16	72.278	-134.751	
304	31	73.367	-130.902		323	19	72.131	-135.605	
					324	20	72.114	-136.067	
					325	21	72.069	-136.573	
					328	24	71.876	-137.343	
					329	25	71.837	-137.382	
					330	26	71.830	-137.368	
					331	27	71.813	-137.350	
					332	28	71.776	-137.466	
					333	29	71.740	-137.895	
					334	30	71.693	-137.926	

BUOY(3831) 87 Dec				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1	71.693	-138.104	
336	2	71.698	-138.218	
337	3	71.709	-138.341	
338	4	71.712	-138.347	
339	5	71.708	-138.353	
340	6	71.700	-138.338	
341	7	71.697	-138.360	
342	8	71.687	-138.486	
343	9	71.716	-138.636	
344	10	71.769	-139.042	
345	11	71.753	-139.187	
346	12	71.716	-139.120	
347	13	71.696	-139.079	
348	14	71.680	-139.133	
349	15	71.667	-139.170	
350	16	71.653	-139.443	
351	17	71.670	-139.725	
352	18	71.670	-139.931	
353	19	71.667	-140.181	
356	22	71.699	-141.342	
357	23	71.694	-141.404	
358	24	71.736	-141.679	
359	25	71.808	-142.266	
360	26	71.814	-142.429	
361	27	71.780	-142.186	
362	28	71.769	-142.044	
365	31	71.896	-142.454	

BUOY 3843

BUOY (3843)		LAT	LON	P	T	BUOY (3843)		LAT	LON	P	T
87 Jan		(N)	(+E, -W)	(MB)	(C)	87 Feb		(N)	(+E, -W)	(MB)	(C)
1	1	85.983	-51.795			32	1	85.765	-56.524		
2	2	85.975	-51.782			33	2	85.763	-56.514		
3	3	85.989	-51.933			34	3	85.763	-56.522		
4	4	86.007	-52.416			35	4	85.771	-56.655		
5	5	86.003	-51.769			36	5	85.803	-56.851		
6	6	86.009	-51.655			37	6	85.803	-56.670		
7	7	86.016	-51.826			38	7	85.788	-56.668		
8	8	85.989	-51.569			39	8	85.777	-56.620		
9	9	85.978	-51.525			40	9	85.778	-56.595		
10	10	85.979	-51.428			41	10	85.784	-56.540		
11	11	85.985	-51.147			42	11	85.779	-56.615		
12	12	86.006	-51.222			43	12	85.778	-56.642		
13	13	86.016	-50.704			44	13	85.778	-56.637		
14	14	85.988	-50.639			45	14	85.777	-56.646		
15	15	85.937	-50.487			46	15	85.774	-56.674		
16	16	85.927	-50.543			47	16	85.775	-56.664		
17	17	85.920	-50.691			48	17	85.773	-56.614		
18	18	85.916	-50.873			50	19	85.761	-56.263		
19	19	85.907	-50.741			51	20	85.759	-56.255		
20	20	85.841	-50.414			52	21	85.760	-56.247		
21	21	85.820	-51.107			53	22	85.758	-56.254		
22	22	85.793	-51.834			54	23	85.751	-56.142		
23	23	85.792	-51.852			55	24	85.716	-55.632		
24	24	85.789	-51.808			56	25	85.699	-55.367		
25	25	85.782	-51.730			57	26	85.697	-55.143		
26	26	85.781	-51.759			58	27	85.704	-55.165		
27	27	85.795	-52.332			59	28	85.693	-55.420		
28	28	85.810	-53.894								
29	29	85.789	-55.975								
30	30	85.769	-56.622								
31	31	85.765	-56.546								

BUOY (3843)		LAT	LON	P	T	BUOY (3843)		LAT	LON	P	T
87 Mar		(N)	(+E, -W)	(MB)	(C)	87 Apr		(N)	(+E, -W)	(MB)	(C)
60	1	85.617	-53.654			91	1	85.510	-51.791		
61	2	85.554	-52.440			92	2	85.510	-51.791		
62	3	85.545	-52.363			93	3	85.510	-51.794		
63	4	85.541	-52.356			94	4	85.510	-51.787		
64	5	85.541	-52.359			95	5	85.510	-51.796		
65	6	85.541	-52.360			96	6	85.509	-51.791		
66	7	85.535	-52.264			97	7	85.509	-51.794		
67	8	85.545	-52.003			98	8	85.509	-51.789		
68	9	85.546	-52.065			99	9	85.510	-51.785		
69	10	85.545	-51.887			100	10	85.509	-51.790		
70	11	85.519	-51.582			101	11	85.509	-51.794		
71	12	85.521	-51.799			102	12	85.510	-51.791		
73	14	85.518	-51.750			103	13	85.510	-51.787		
74	15	85.517	-51.764			104	14	85.510	-51.794		
75	16	85.517	-51.801			105	15	85.511	-51.800		
76	17	85.516	-51.824			106	16	85.509	-51.790		
77	18	85.516	-51.834			107	17	85.510	-51.787		
78	19	85.514	-51.829			108	18	85.510	-51.799		
79	20	85.511	-51.797			109	19	85.509	-51.802		
80	21	85.509	-51.794			110	20	85.509	-51.800		
81	22	85.509	-51.796			111	21	85.510	-51.798		
82	23	85.510	-51.796			112	22	85.511	-51.779		
83	24	85.509	-51.791			113	23	85.512	-51.810		
84	25	85.506	-51.779			114	24	85.543	-51.467		
85	26	85.510	-51.796			115	25	85.566	-51.038		
86	27	85.509	-51.785			116	26	85.559	-50.867		
87	28	85.510	-51.785			117	27	85.563	-50.734		
88	29	85.509	-51.788			118	28	85.556	-50.640		
89	30	85.509	-51.792			119	29	85.537	-50.773		
90	31	85.510	-51.801			120	30	85.529	-50.790		

BUOY 3843

BUOY(3843) 87 May		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(3843) 87 Jun		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	85.511	-50.758			152	1	85.493	-50.970		
122	2	85.507	-50.750			153	2	85.493	-50.979		
123	3	85.506	-50.737			154	3	85.490	-51.050		
124	4	85.505	-50.796			155	4	85.489	-51.172		
125	5	85.504	-50.853			156	5	85.491	-51.219		
126	6	85.504	-50.854			157	6	85.506	-51.999		
127	7	85.504	-50.858			158	7	85.494	-52.649		
128	8	85.503	-50.864			159	8	85.485	-52.741		
129	9	85.503	-50.861			160	9	85.482	-52.730		
130	10	85.504	-50.935			161	10	85.475	-52.731		
131	11	85.505	-50.966			162	11	85.473	-52.713		
132	12	85.503	-50.966			163	12	85.475	-52.846		
133	13	85.499	-50.975			164	13	85.477	-52.877		
134	14	85.498	-50.964			165	14	85.477	-52.747		
135	15	85.499	-50.964			166	15	85.478	-52.642		
136	16	85.500	-50.957			167	16	85.473	-52.558		
137	17	85.498	-50.979			168	17	85.473	-52.506		
138	18	85.519	-51.010			169	18	85.472	-52.509		
139	19	85.506	-51.195			170	19	85.471	-52.543		
140	20	85.501	-51.183			171	20	85.470	-52.540		
141	21	85.500	-51.168			172	21	85.465	-52.365		
142	22	85.499	-51.140			173	22	85.465	-52.308		
143	23	85.500	-50.860			174	23	85.464	-52.302		
144	24	85.502	-50.797			175	24	85.466	-52.310		
145	25	85.506	-51.297			176	25	85.465	-52.358		
146	26	85.501	-51.302			177	26	85.464	-52.341		
147	27	85.500	-51.032			178	27	85.459	-52.321		
148	28	85.496	-50.998			179	28	85.459	-52.333		
149	29	85.495	-50.990			180	29	85.458	-52.322		
150	30	85.495	-50.987			181	30	85.456	-52.307		
151	31	85.494	-50.986								

BUOY(3843) 87 Jul		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(3843) 87 Aug		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	85.450	-52.280			213	1	85.132	-51.519		
183	2	85.445	-52.670			214	2	85.132	-51.974		
184	3	85.397	-54.063			215	3	85.145	-53.044		
185	4	85.363	-54.504			216	4	85.163	-53.810		
186	5	85.362	-54.479			217	5	85.199	-54.143		
187	6	85.355	-54.346			218	6	85.215	-54.307		
188	7	85.354	-54.337			219	7	85.240	-54.382		
189	8	85.358	-54.255			220	8	85.217	-54.834		
190	9	85.359	-54.236			221	9	85.194	-55.370		
191	10	85.358	-54.280			222	10	85.162	-55.352		
192	11	85.358	-54.392			223	11	85.115	-54.728		
193	12	85.356	-54.353			224	12	85.065	-54.032		
194	13	85.355	-54.335			225	13	85.038	-53.768		
195	14	85.341	-54.207			226	14	85.003	-53.705		
196	15	85.324	-53.977			227	15	84.971	-53.706		
197	16	85.314	-53.557			228	16	84.962	-53.726		
198	17	85.310	-53.477			229	17	84.956	-53.810		
199	18	85.309	-53.410			230	18	84.933	-53.907		
200	19	85.290	-52.721			231	19	84.917	-54.045		
201	20	85.283	-52.575			232	20	84.896	-54.344		
202	21	85.281	-52.598			233	21	84.861	-54.756		
203	22	85.275	-52.457			234	22	84.841	-54.806		
204	23	85.247	-51.653			235	23	84.841	-54.663		
210	29	85.174	-50.220			236	24	84.842	-54.609		
211	30	85.167	-51.482			237	25	84.844	-54.591		
212	31	85.136	-51.568			238	26	84.840	-54.624		
						239	27	84.840	-54.659		
						240	28	84.850	-54.785		
						241	29	84.898	-54.911		
						242	30	84.910	-55.047		
						243	31	84.895	-55.140		

BUOY 3843

BUOY (3843) 87 Sep				BUOY (3843) 87 Oct					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	84.957	-55.183		274	1	85.138	-48.496	
245	2	85.002	-55.384		275	2	85.125	-47.350	
246	3	85.046	-55.236		276	3	85.108	-46.053	
247	4	85.076	-55.292		277	4	85.086	-45.634	
248	5	85.075	-54.955		278	5	85.048	-44.939	
249	6	85.056	-54.947		279	6	85.012	-44.224	
250	7	85.088	-55.031		280	7	84.956	-43.218	
251	8	85.097	-54.919		281	8	84.897	-42.051	
252	9	85.101	-54.769		282	9	84.846	-40.478	
253	10	85.185	-55.137		283	10	84.840	-38.660	
254	11	85.122	-53.857		284	11	84.832	-38.015	
255	12	85.123	-53.175		285	12	84.819	-36.526	
256	13	85.127	-53.030		286	13	84.811	-35.273	
257	14	85.123	-53.114		287	14	84.786	-34.203	
258	15	85.177	-53.544		288	15	84.774	-33.385	
259	16	85.149	-53.372		289	16	84.718	-32.732	
260	17	85.149	-53.000		290	17	84.613	-31.652	
261	18	85.178	-52.572		291	18	84.521	-29.967	
262	19	85.186	-52.355		292	19	84.463	-29.196	
263	20	85.186	-52.110		293	20	84.455	-29.057	
264	21	85.175	-52.212		294	21	84.425	-28.629	
265	22	85.170	-52.266		295	22	84.424	-28.644	
266	23	85.155	-52.378		296	23	84.433	-28.456	
267	24	85.145	-52.261		297	24	84.429	-28.544	
268	25	85.144	-52.245						
269	26	85.146	-51.364						
270	27	85.155	-50.622						
271	28	85.152	-50.298						
272	29	85.158	-49.382						
273	30	85.142	-48.642						

BUOY 3874

BUOY (3874) 87 Jan					BUOY (3874) 87 Apr				
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
1	83.030	-111.279	1015.6	-38.4	92	82.435	-114.786	1037.5	-36.9
6	83.023	-111.179	1011.3		93	82.370	-115.063	1031.7	-34.6
9	83.085	-111.729	990.1	-35.3*	94	82.303	-115.324	1025.1	-37.2
18	83.126	-111.533	1003.5	-33.6	95	82.273	-115.337	1023.6	-35.9
19	83.077	-111.584	1003.4	-28.0	96	82.263	-115.251	1028.2	-34.0
20	83.064	-111.725	1013.7	-35.4*	97	82.251	-115.156	1026.6	-32.2
23	82.981	-112.248	1025.2	-38.6*	98	82.246	-115.102	1026.4	-32.9
26	83.011	-112.356	1017.7		99	82.239	-115.024	1024.7	-29.5
27	82.991	-112.575	1008.8		100	82.233	-114.970	1021.6	-34.6
					101	82.200	-114.858	1018.2	-28.0
					102	82.171	-114.766	1014.8	-28.9
					103	82.170	-114.761	1011.0	-28.3
					106	82.147	-115.001	1015.1	-30.0
					107	82.172	-115.542	1016.8	-26.5
					108	82.228	-116.106	1015.0	-21.0
					109	82.249	-116.186	1015.6	-20.7
					110	82.214	-116.087	1015.2	-22.9
					111	82.166	-115.889	1013.9	-26.0
					112	82.113	-115.598	1011.9	-27.4
					113	82.079	-115.255	1005.6	-24.5
					114	82.077	-115.114	996.3	-25.0
					115	82.103	-114.829	1000.1	-28.8
					116	82.118	-114.769	999.2	-29.2
					117	82.167	-114.759	996.3	-25.2
					118	82.218	-114.793	1003.6	-24.0
					119	82.231	-114.804	1013.9	-23.6
					120	82.222	-114.861	1022.8	-24.9

BUOY (3874) 87 May					BUOY (3874) 87 Jun				
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
121	82.213	-115.041	1030.0	-23.6	152	81.901	-115.588	1028.6	-12.3
122	82.180	-115.210	1031.2	-23.6	153	81.847	-115.605	1032.2	-9.2
123	82.115	-115.251	1024.1	-22.2	154	81.789	-115.575	1032.7	-6.4
124	82.065	-115.352	1023.1	-21.2	155	81.716	-115.853	1030.0	-6.7
125	82.028	-115.420	1024.4	-19.8	156	81.667	-115.958	1020.2	-5.6
126	82.007	-115.373	1027.2	-19.0	157	81.659	-116.025	1012.2	-6.7
127	82.007	-115.348	1023.8	-19.3	158	81.605	-116.321	1014.3	-6.5
128	82.007	-115.348	1021.7	-18.7	159	81.540	-116.519	1020.0	-5.1
129	82.007	-115.352	1017.6	-18.5	160	81.529	-116.493	1024.1	-5.7
130	82.008	-115.350	1018.4	-18.9	161	81.507	-116.681	1022.7	-7.4
131	82.009	-115.348	1019.8	-17.3	162	81.478	-116.933	1019.6	-7.1
132	82.008	-115.364	1022.2	-15.1	163	81.465	-117.120	1010.6	-5.5
133	82.001	-115.440	1022.8	-16.9	164	81.500	-117.579	994.0	-1.6
134	82.008	-115.347	1016.4	-16.0	165	81.544	-117.526	997.2	-1.5
135	82.006	-115.369	1013.7	-18.5	166	81.440	-117.405	1010.4	-5.2
136	82.024	-115.231	1004.8	-15.7	167	81.367	-117.271	1017.1	-4.4
137	82.025	-115.558	1015.6	-16.9	168	81.367	-117.041	1013.8	-2.8
138	81.975	-115.549	1016.7	-16.6	169	81.369	-116.963	1014.1	-2.6
139	81.974	-115.475	1017.3	-14.6	170	81.367	-116.959	1015.6	-2.9
140	81.971	-115.490	1021.6	-14.4	171	81.369	-116.964	1018.2	-3.5
141	81.961	-115.376	1014.3	-11.4	172	81.374	-116.951	1020.1	-1.9
142	81.949	-115.335	1015.8	-10.5	173	81.387	-116.913	1023.7	-1.3
143	81.951	-115.262	1013.0	-12.9	174	81.398	-116.889	1024.8	-0.2
144	81.951	-115.256	1009.5	-11.0	175	81.378	-117.020	1027.7	-1.3
145	81.951	-115.392	1014.2	-14.8	176	81.361	-117.197	1031.4	-1.2
146	81.936	-115.471	1016.6	-15.7	177	81.350	-117.283	1034.1	-1.9
147	81.938	-115.365	1022.4	-15.5	178	81.331	-117.418	1026.6	-1.1
148	81.949	-115.316	1026.4	-15.4	179	81.317	-117.497	1023.7	-0.7
149	81.969	-115.284	1025.5	-13.9	180	81.296	-117.548	1026.0	-1.0
150	81.975	-115.341	1027.3	-15.2	181	81.260	-117.608	1030.7	-1.4
151	81.951	-115.467	1029.4	-12.9					

BUOY 3874

BUOY (3874) 87 Jul					BUOY (3874) 87 Aug						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
182	1	81.206	-117.730	1032.3	-0.6	213	1	80.385	-119.037	1021.8	-1.3
183	2	81.140	-117.824	1025.8	-1.3	214	2	80.300	-119.135	1020.0	-1.2
184	3	81.049	-118.151	1024.7	-1.8	215	3	80.227	-119.508	1017.0	-1.6
185	4	80.958	-118.539	1025.2	-1.8	216	4	80.138	-120.001	1010.9	-1.7
186	5	80.895	-118.742	1023.1	-0.9	217	5	80.108	-120.349	1012.3	-2.5
187	6	80.829	-118.733	1017.6	-1.2	218	6	80.092	-120.521	1012.3	-2.3
188	7	80.763	-118.620	1015.5	-1.7	219	7	80.055	-120.595	1015.4	-2.2
189	8	80.742	-118.590	1015.5	-1.1	220	8	80.029	-120.519	1020.9	-3.8
190	9	80.732	-118.556	1018.1	-0.7	221	9	79.987	-120.379	1021.1	-2.7
191	10	80.736	-118.537	1016.5	-0.4	222	10	79.991	-120.297	1026.3	-1.8
192	11	80.736	-118.533	1012.2	-0.7	223	11	79.984	-120.110	1028.9	-2.8
193	12	80.701	-118.557	1012.3	-1.4	224	12	79.983	-119.936	1025.7	-3.9
194	13	80.659	-118.413	1009.5	-1.5	225	13	79.985	-119.921	1021.2	-3.1
195	14	80.679	-118.335	1005.7	-1.4	226	14	79.974	-120.005	1018.2	-3.1
196	15	80.679	-118.327	1012.4	-1.3	227	15	79.964	-120.290	1015.8	-1.8
197	16	80.674	-118.341	1014.7	-1.0	228	16	79.955	-120.577	1016.3	-1.4
198	17	80.695	-118.428	1007.7	-1.1	229	17	79.945	-120.661	1018.7	-0.8
199	18	80.683	-118.577	1010.3	-1.1	230	18	79.928	-120.752	1017.9	-1.8
200	19	80.664	-118.391	1008.8	-1.2	231	19	79.907	-120.974	1014.7	-3.7
201	20	80.657	-118.376	1010.5	-1.3	232	20	79.885	-121.089	1007.1	-5.8
202	21	80.657	-118.344	1012.4	-1.1	233	21	79.864	-121.227	1013.9	-4.5
203	22	80.647	-118.291	1016.6	-0.6	234	22	79.855	-121.233	1005.4	-4.5
204	23	80.661	-118.206	1014.6	0.1	235	23	79.844	-121.103	1005.3	-3.0
205	24	80.709	-117.978	1005.5	-1.0	236	24	79.826	-120.834	1008.8	-3.4
210	29	80.621	-118.096	1019.6	-1.2	237	25	79.814	-120.761	1012.8	-3.7
211	30	80.551	-118.572	1020.0	-2.2	238	26	79.815	-120.657	1007.5	-4.3
212	31	80.471	-118.953	1022.6	-1.6	239	27	79.842	-120.510	996.0	-3.0
						240	28	79.846	-120.475	996.9	-5.8
						241	29	79.787	-120.951	998.1	-6.7
						242	30	79.677	-121.531	1002.2	-5.8
						243	31	79.651	-121.657	997.6	-6.9

BUOY (3874) 87 Sep					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)	
244	1	79.623	-121.981	994.7	-6.4*
245	2	79.531	-122.413	994.7	-5.3
246	3	79.507	-122.597	998.2	-7.1
247	4	79.499	-122.498	1004.9	-9.6
248	5	79.504	-122.408	1008.2	-10.2
249	6	79.509	-122.403	1002.9	-8.3
250	7	79.506	-122.147	1003.4	-10.0
251	8	79.526	-122.017	1008.8	-9.5
252	9	79.575	-122.231	989.5	-3.3
253	10	79.495	-121.894	1009.0	-10.5
254	11	79.492	-121.632		-14.1
255	12	79.521	-121.423	1010.6	-9.2
256	13	79.553	-121.383		-11.3
257	14	79.590	-121.433	1004.0	-9.5
258	15	79.582	-121.262		-8.2
259	16	79.614	-121.065		-7.7
260	17	79.673	-120.983		-4.5
261	18	79.660	-120.927		-6.1
266	23	79.535	-121.634	1009.8	-9.9

BUOY 3880

BUOY(3880) 87 Jan					BUOY(3880) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	73.733	-164.470	1027.9	-36.7	32	1	73.196	-165.751	1013.8	-39.3
2	2	73.661	-164.621	1028.0	-37.6	33	2	73.168	-166.127	1004.6	-36.8
3	3	73.541	-164.618	1010.2	-38.9	34	3	73.175	-166.439	1006.3	-35.5
4	4	73.450	-164.663	1006.5	-39.0	35	4	73.168	-166.441	1013.8	-40.0
5	5	73.460	-164.746	1007.6	-37.4	36	5	73.164	-166.452	1016.8	-37.5
6	6	73.440	-164.943	1007.2	-38.3	37	6	73.158	-166.536	1006.0	-34.5
7	7	73.381	-165.223	999.3	-37.9	38	7	73.084	-166.593	1008.3	-34.5
8	8	73.340	-165.212	997.8	-38.8	39	8	73.054	-166.653	1015.2	-37.8
9	9	73.308	-165.114	992.5	-38.9	40	9	73.054	-166.660	1026.4	-40.3
10	10	73.366	-164.920	976.6	-39.4	41	10	73.044	-166.630	1039.0	-40.8
11	11	73.310	-164.854	985.4	-39.1	42	11	73.029	-166.657	1043.0	-40.7
12	12	73.345	-164.590	994.0	-35.7	43	12	73.014	-166.741	1041.7	-39.8
13	13	73.328	-163.849	1006.1	-33.9	44	13	72.979	-166.799	1039.9	-40.5
14	14	73.343	-163.872	1003.0	-32.2	45	14	72.929	-166.790	1034.9	-40.2
15	15	73.434	-163.838	1004.4	-27.5	46	15	72.883	-166.782	1031.7	-40.1*
16	16	73.496	-163.847	1003.7	-28.9	47	16	72.874	-166.761	1036.0	-39.3*
17	17	73.522	-164.216	991.9	-30.9	48	17	72.853	-166.658	1024.2	-39.2
18	18	73.508	-164.260	1002.5	-32.1	49	18	72.849	-166.698	1026.0	-33.1*
19	19	73.463	-164.160	1013.4	-33.1	50	19	72.859	-166.857	1027.3	-7.3*
20	20	73.415	-164.275	1014.8	-33.3	51	20	72.839	-167.206	1024.5	-39.8
21	21	73.388	-164.422	1017.1	-32.2	52	21	72.844	-167.352	1021.3	-37.4
22	22	73.391	-164.708	1008.1	-31.4	53	22	72.842	-167.333	1024.4	-35.9
23	23	73.382	-165.317	992.1	-31.4	54	23	72.843	-167.336	1023.3	-34.8
24	24	73.373	-165.454	1002.9	-36.3	55	24	72.819	-167.467	1011.8	-33.9
25	25	73.372	-165.155	1013.9	-38.4	56	25	72.714	-167.228	1026.6	-38.4
26	26	73.365	-165.049	1021.8	-39.3	57	26	72.725	-166.973	1026.4	-39.0
27	27	73.350	-165.056	1031.1	-39.7	58	27	72.730	-166.824	1025.9	-40.2
28	28	73.305	-165.125	1040.6	-39.4	59	28	72.737	-166.466	1035.4	-37.9
29	29	73.263	-165.260	1036.8	-38.4						
30	30	73.247	-165.417	1028.1	-38.4						
31	31	73.230	-165.523	1021.6	-39.7						

BUOY(3880) 87 Mar					BUOY(3880) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	72.729	-166.211	1035.1	-36.9	91	1	72.619	-169.602	1032.9	-36.1
61	2	72.774	-166.278	1027.1	-37.1	92	2	72.615	-169.917	1034.5	-36.2
62	3	72.859	-166.529	1028.0	-38.1	93	3	72.619	-170.218	1040.4	-35.5
63	4	72.925	-166.601	1027.6	-36.5	94	4	72.569	-170.245	1035.4	-35.8
64	5	72.995	-166.550	1015.8	-34.2	95	5	72.510	-170.252	1024.1	-36.3
65	6	72.992	-166.396	1015.0	-34.5	96	6	72.509	-170.251	1034.7	-36.7
66	7	72.995	-166.305	1019.4	-35.4	97	7	72.512	-170.247	1036.4	-35.8
67	8	72.997	-166.213	1024.3	-34.9	98	8	72.510	-170.246	1036.8	-35.8
68	9	73.016	-166.194	1018.2	-33.6	99	9	72.509	-170.245	1033.5	-35.5
69	10	73.062	-166.248	1010.8	-26.3	100	10	72.507	-170.244	1029.1	-35.3
70	11	73.095	-166.199	1003.1	-28.8	101	11	72.501	-170.245	1030.1	-35.2
71	12	73.038	-165.923	1026.6	-35.4	102	12	72.500	-170.251	1028.7	-34.9
72	13	73.032	-165.892	1032.2	-36.8	103	13	72.497	-170.236	1017.6	-34.1
73	14	73.053	-165.883	1032.1	-35.9	104	14	72.486	-170.265	1007.0	-34.2
74	15	73.054	-165.871	1028.3	-36.7	105	15	72.471	-170.273	1001.8	-34.6
75	16	73.028	-166.070	1034.6	-38.1	106	16	72.472	-170.270	1005.8	-33.3
76	17	73.003	-166.225	1037.1	-38.5	107	17	72.472	-170.270	1012.8	-33.7
77	18	72.994	-166.400	1040.3	-40.3	108	18	72.470	-170.272	1012.9	-34.4
78	19	73.007	-166.635	1043.8	-39.5	109	19	72.471	-170.268	1015.0	-34.4
81	22	72.815	-167.550	1018.8	-38.8	110	20	72.473	-170.268	1015.8	-33.2
82	23	72.790	-167.593	1018.2	-36.1	111	21	72.472	-170.268	1019.9	-32.6
83	24	72.689	-167.755	1015.4	-33.4	112	22	72.473	-170.249	1025.9	-32.6
84	25	72.567	-167.793	1022.8	-34.5	113	23	72.479	-170.111	1026.4	-32.9
85	26	72.516	-167.818	1023.7	-34.0	114	24	72.482	-170.081	1021.0	-33.1
86	27	72.526	-167.850	1022.8	-31.8	115	25	72.467	-170.074	1017.7	-31.9
87	28	72.565	-168.033	1015.9	-30.1	116	26	72.468	-169.901	1012.3	-29.3
88	29	72.611	-168.231	1016.4	-28.6	117	27	72.468	-169.711	1006.2	-30.8
						118	28	72.488	-169.440	1008.2	-30.3
						119	29	72.504	-169.499	1010.2	-27.5
						120	30	72.524	-169.690	1013.8	-27.3

BUOY 3880

BUOY (3880) 87 May	LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	72.513	-169.941	1018.5 -29.1
122	2	72.498	-170.201	1017.6 -29.2
123	3	72.506	-170.395	1016.4 -29.3
124	4	72.523	-170.634	1017.7 -28.5
125	5	72.585	-170.951	1018.8 -28.4
126	6	72.697	-171.370	1012.1 -27.6
127	7	72.764	-171.840	1005.0 -25.1
128	8	72.796	-172.028	1006.6 -24.1
129	9	72.818	-172.064	1005.2 -24.5
130	10	72.827	-172.086	1008.9 -22.8
131	11	72.822	-172.144	1013.4 -23.8
132	12	72.821	-172.188	1013.9 -24.2
133	13	72.821	-172.262	1019.8 -26.6
134	14	72.830	-172.306	1027.4 -26.3
135	15	72.880	-172.364	1025.1 -26.0
136	16	72.931	-172.421	1026.1 -26.4
137	17	72.928	-172.614	1023.5 -25.5
138	18	72.940	-172.736	1023.2 -25.6
139	19	72.937	-172.852	1017.4 -24.9
140	20	72.945	-172.913	1017.8 -24.2
141	21	72.950	-172.952	1018.9 -23.8
142	22	72.961	-173.026	1018.1 -24.7
143	23	72.959	-173.177	1014.0 -25.1
144	24	72.959	-173.332	1012.3 -25.4*
145	25	72.958	-173.370	1010.7
146	26	72.959	-173.360	1006.8
147	27	72.956	-173.359	1006.9
148	28	72.957	-173.394	1011.2
149	29	72.965	-173.558	1014.3
150	30	72.965	-173.854	1015.1
151	31	72.989	-174.043	1013.8

BUOY 3886

BUOY(3886)		LAT	LON	P	T	BUOY(3886)		LAT	LON	P	T
87 Nov		(N)	(+E,-W)	(MB)	(C)	87 Dec		(N)	(+E,-W)	(MB)	(C)
324	20	85.071	141.780	1015.5		335	1	85.380	140.720	1017.8	
325	21	85.071	142.143	1001.0		336	2	85.406	140.291	1023.0	
326	22	85.134	142.483	991.1		337	3	85.418	140.069	1025.7	
327	23	85.282	142.389	995.3		338	4	85.358	140.042	1010.3	
328	24	85.339	141.592	996.5		339	5	85.283	139.549	991.1	
329	25	85.327	141.306	999.8		340	6	85.331	138.303	986.1	
330	26	85.297	141.448	1004.7		341	7	85.468	137.123	1003.5	
331	27	85.294	141.685	1003.2		342	8	85.533	136.522	1014.0	
332	28	85.308	141.576	1003.2		343	9	85.554	136.320	1026.5	
333	29	85.318	141.341	1011.1		344	10	85.570	136.304	1038.7	
334	30	85.345	141.142	1011.2		345	11	85.574	136.238	1045.4	
						346	12	85.588	136.141	1046.6	
						347	13	85.614	136.056	1043.7	
						348	14	85.654	136.085	1043.9	
						349	15	85.710	136.104	1042.2	
						350	16	85.820	136.337	1039.2	
						351	17	85.890	136.515	1037.1	
						352	18	85.931	136.827	1030.4	
						353	19	85.956	137.363	1024.9	
						354	20	85.974	137.822	1022.0	
						355	21	85.997	138.292	1020.9	
						356	22	86.027	138.702	1022.0	
						357	23	86.031	138.803	1023.7	
						358	24	86.012	139.300	1019.2	
						359	25	85.950	140.287	1023.4	
						360	26	85.900	140.709	1029.8	
						361	27	85.870	140.689	1034.0	
						362	28	85.841	140.577	1035.9	
						363	29	85.831	140.504	1035.8	
						364	30	85.837	140.588	1039.9	
						365	31	85.856	140.743	1042.7	

BUOY 4992

BUOY (4992) 87 Aug				BUOY (4992) 87 Sep					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
214	2	85.729			244	1	85.019		10.821
215	3	85.816			245	2	85.004		10.995
216	4	85.910			246	3	85.001		12.365
217	5	85.974			247	4	85.069		13.081
218	6	85.993			248	5	85.082		13.638
219	7	85.983			249	6	85.064		13.701
220	8	85.955			250	7	85.027		13.634
221	9	85.968			251	8	85.020		13.398
222	10	85.962			252	9	84.946		13.085
223	11	85.914			253	10	84.948		12.663
224	12	85.869			254	11	84.923		12.962
225	13	85.779			255	12	84.832		12.753
226	14	85.703			256	13	84.783		11.975
227	15	85.646			257	14	84.692		10.362
228	16	85.602			258	15	84.616		9.439
229	17	85.544			259	16	84.589		9.247
230	18	85.503			260	17	84.491		8.829
231	19	85.481			261	18	84.430		9.097
232	20	85.426			262	19	84.394		9.744
233	21	85.343			263	20	84.331		10.027
234	22	85.275			264	21	84.286		9.794
235	23	85.231			265	22	84.228		9.917
236	24	85.212			266	23	84.184		9.818
237	25	85.172			267	24	84.128		9.917
238	26	85.145			268	25	84.071		9.768
239	27	85.134			269	26	84.073		10.386
240	28	85.127			270	27	84.075		10.762
241	29	85.136			271	28	84.049		11.173
242	30	85.107			272	29	84.032		11.297
243	31	85.072			273	30	83.950		11.583

BUOY (4992) 87 Oct				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	83.860		11.905
275	2	83.766		12.342
276	3	83.683		13.013
277	4	83.664		13.441
278	5	83.600		13.689
279	6	83.573		14.279
280	7	83.505		15.294
281	8	83.466		15.272
282	9	83.374		15.576
283	10	83.296		16.642
284	11	83.247		16.758
285	12	83.187		16.995
286	13	83.165		17.738
287	14	83.166		17.916
288	15	83.161		18.054
289	16	83.118		18.211

BUOY 4994

BUOY(4994) 87 Sep		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(4994) 87 Oct		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	2	84.366	12.317			274	1	83.181	12.074		
246	3	84.389	13.588			275	2	83.080	12.360		
247	4	84.455	14.087			276	3	82.999	12.846		
248	5	84.468	14.619			277	4	82.980	13.283		
249	6	84.452	14.959			278	5	82.915	13.434		
250	7	84.428	15.210			279	6	82.872	14.098		
251	8	84.426	15.049			280	7	82.818	15.118		
252	9	84.356	14.852			281	8	82.774	14.990		
253	10	84.354	14.181			282	9	82.687	15.197		
254	11	84.327	14.413			283	10	82.633	15.746		
255	12	84.248	14.075			284	11	82.589	15.661		
256	13	84.192	13.011			285	12	82.540	15.775		
257	14	84.097	11.465			286	13	82.528	16.330		
258	15	84.029	10.581			287	14	82.536	16.473		
259	16	84.002	10.402			288	15	82.534	16.542		
260	17	83.907	9.976			289	16	82.482	16.678		
261	18	83.843	10.067			290	17	82.416	17.859		
262	19	83.814	10.629			291	18	82.385	18.714		
263	20	83.753	11.052			292	19	82.428	19.257		
264	21	83.708	10.857			293	20	82.313	19.621		
265	22	83.652	11.018			294	21	82.113	20.104		
266	23	83.612	10.931			295	22	82.075	20.358		
267	24	83.558	11.018			296	23	82.126	20.646		
268	25	83.500	10.887			297	24	82.199	21.385		
269	26	83.475	11.174			298	25	82.174	22.419		
270	27	83.448	11.320			299	26	82.124	22.384		
271	28	83.396	11.517			300	27	82.078	22.206		
272	29	83.357	11.484			301	28	82.046	22.139		
273	30	83.260	11.699			302	29	82.042	21.685		
						303	30	82.029	20.973		
						304	31	81.986	20.526		

BUOY(4994) 87 Nov		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(4994) 87 Dec		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	81.979	20.304			335	1	81.164	10.341		
306	2	82.019	19.578			336	2	81.103	10.382		
307	3	82.067	18.513			337	3	81.054	10.167		
308	4	82.027	17.667			338	4	80.940	9.862		
309	5	81.868	16.844			339	5	80.859	9.456		
310	6	81.726	16.439			340	6	80.805	9.973		
311	7	81.618	15.924			341	7	80.781	10.345		
312	8	81.570	15.669			342	8	80.746	10.058		
313	9	81.555	15.485			343	9	80.709	9.689		
314	10	81.545	15.073			344	10	80.685	9.390		
315	11	81.570	14.769			345	11	80.678	8.922		
316	12	81.624	15.114			346	12	80.648	8.216		
317	13	81.619	15.277			347	13	80.587	7.143		
318	14	81.601	15.108			348	14	80.548	6.228		
319	15	81.619	14.645			349	15	80.475	5.298		
320	16	81.652	13.814			350	16	80.361	4.351		
321	17	81.704	12.859			351	17	80.285	3.207		
322	18	81.741	12.854			352	18	80.255	2.358		
323	19	81.740	12.929			353	19	80.197	1.662		
324	20	81.721	12.215			354	20	80.127	1.609		
325	21	81.670	11.960			355	21	79.959	1.435		
326	22	81.577	11.875			356	22	79.798	0.258		
327	23	81.537	12.204			357	23	79.409	-1.062		
328	24	81.474	12.395			358	24	78.897	-1.905		
329	25	81.597	12.274								
330	26	81.554	12.246								
331	27	81.436	11.892								
332	28	81.372	11.825								
333	29	81.308	10.909								
334	30	81.225	10.741								

BUOY 4996

BUOY (4996) 87 Sep					BUOY (4996) 87 Oct				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
245	2	83.966			274	1	82.929		
246	3	83.986			275	2	82.857		
247	4	84.041			276	3	82.784		
248	5	84.058			277	4	82.774		
249	6	84.047			278	5	82.719		
250	7	84.027			279	6	82.685		
251	8	84.034			280	7	82.628		
252	9	83.982			281	8	82.587		
253	10	83.975			282	9	82.501		
254	11	83.946			283	10	82.438		
255	12	83.877			284	11	82.388		
256	13	83.809			285	12	82.338		
257	14	83.727			286	13	82.323		
258	15	83.665			287	14	82.333		
259	16	83.637			288	15	82.329		
260	17	83.551			289	16	82.279		
261	18	83.475			290	17	82.214		
262	19	83.443			291	18	82.180		
263	20	83.392			292	19	82.223		
264	21	83.344			293	20	82.124		
265	22	83.300			294	21	81.940		
266	23	83.265			295	22	81.877		
267	24	83.217			296	23	81.920		
268	25	83.167			297	24	81.988		
269	26	83.142			298	25	81.977		
270	27	83.126			299	26	81.931		
271	28	83.100			300	27	81.889		
272	29	83.093			301	28	81.855		
273	30	83.006			302	29	81.857		
					303	30	81.843		
					304	31	81.799		

BUOY (4996) 87 Nov					BUOY (4996) 87 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	81.783			337	3	80.964		
306	2	81.791			338	4	80.868		
307	3	81.826			339	5	80.799		
308	4	81.790			340	6	80.771		
309	5	81.619			341	7	80.757		
310	6	81.455			342	8	80.727		
311	7	81.339			343	9	80.702		
312	8	81.291			344	10	80.685		
313	9	81.268			345	11	80.686		
314	10	81.256			346	12	80.662		
315	11	81.286			347	13	80.610		
316	12	81.341			348	14	80.570		
317	13	81.356			349	15	80.486		
318	14	81.337			350	16	80.367		
319	15	81.356			351	17	80.294		
320	16	81.385			352	18	80.257		
321	17	81.450			353	19	80.228		
322	18	81.492			354	20	80.262		
323	19	81.504			355	21	80.175		
324	20	81.496			356	22	80.217		
325	21	81.457			357	23	79.926		
326	22	81.366			358	24	79.413		
327	23	81.323			359	25	78.947		
328	24	81.269			360	26	78.132		
329	25	81.408							
330	26	81.386							
331	27	81.289							
332	28	81.226							
333	29	81.194							
334	30	81.120							

BUOY 5077

BUOY (5077) 87 Sep		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (5077) 87 Oct		LAT (N)	LON (+E, -W)	P (MB)	T (C)
245	2	84.647	13.131			274	1	83.544	13.135		
246	3	84.664	14.473			275	2	83.453	13.494		
247	4	84.725	15.088			276	3	83.367	14.089		
248	5	84.744	15.612			280	7	83.192	16.445		
249	6	84.724	15.861			281	8	83.146	16.431		
250	7	84.702	16.025			282	9	83.065	16.708		
251	8	84.690	15.919			283	10	82.970	17.517		
252	9	84.632	15.528			284	11	82.921	17.541		
253	10	84.631	15.002			285	12	82.859	17.697		
254	11	84.603	15.180			286	13	82.838	18.393		
255	12	84.523	14.919			287	14	82.844	18.610		
256	13	84.465	13.896			288	15	82.833	18.588		
257	14	84.375	12.221			289	16	82.792	18.694		
258	15	84.306	11.331			290	17	82.721	20.004		
259	16	84.277	11.107			291	18	82.696	20.964		
260	17	84.179	10.690			292	19	82.709	21.378		
264	21	83.977	11.643			293	20	82.637	21.546		
265	22	83.927	11.730			294	21	82.456	21.858		
266	23	83.890	11.611			297	24	82.530	23.045		
269	26	83.770	11.938			298	25	82.514	23.943		
270	27	83.774	12.245			299	26	82.456	23.943		
273	30	83.628	12.789			300	27	82.414	23.773		
						301	28	82.376	23.692		
						302	29	82.377	23.258		

BUOY (5077) 87 Nov		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (5077) 87 Dec		LAT (N)	LON (+E, -W)	P (MB)	T (C)
306	2	82.316	21.391			335	1	81.474	12.388		
307	3	82.347	20.433			336	2	81.415	12.357		
308	4	82.309	19.469			344	10	81.046	11.284		
311	7	81.916	17.560			345	11	81.039	10.936		
312	8	81.868	17.292			346	12	81.024	10.443		
313	9	81.839	17.118			347	13	80.961	9.499		
327	23	81.777	14.321			348	14	80.922	8.723		
						349	15	80.852	7.992		
						352	18	80.641	6.069		
						353	19	80.632	5.547		
						356	22	80.505	4.063		
						357	23	80.306	2.147		
						358	24	79.818	0.466		

BUOY 5079

BUOY (5079) 87 Sep				BUOY (5079) 87 Oct					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
245	2	82.509			274	1	81.649		22.346
246	3	82.509			275	2	81.615		22.427
247	4	82.546			276	3	81.575		22.764
248	5	82.541			277	4	81.577		22.976
249	6	82.519			278	5	81.550		22.927
250	7	82.527			279	6	81.543		23.733
251	8	82.534			280	7	81.512		24.585
252	9	82.523			281	8	81.485		24.306
253	10	82.517			282	9	81.416		24.593
254	11	82.480			283	10	81.378		25.034
255	12	82.436			284	11	81.360		24.987
256	13	82.369			285	12	81.322		25.080
257	14	82.324			286	13	81.317		25.462
258	15	82.291			287	14	81.341		25.862
259	16	82.256			288	15	81.338		25.837
260	17	82.177			289	16	81.303		25.974
261	18	82.090			290	17	81.267		26.785
262	19	82.042			291	18	81.230		27.379
263	20	81.983			292	19	81.247		27.816
264	21	81.942			293	20	81.164		28.709
265	22	81.913			294	21	80.955		29.348
266	23	81.890			295	22	80.872		29.597
267	24	81.865			296	23	80.928		29.824
268	25	81.837			297	24	80.996		30.518
269	26	81.817			298	25	80.988		31.163
270	27	81.802			299	26	80.946		30.911
271	28	81.780			300	27	80.912		30.421
272	29	81.793			301	28	80.877		30.404
273	30	81.724			302	29	80.927		30.136
					303	30	80.908		29.594
					304	31	80.857		29.179

BUOY (5079) 87 Nov				BUOY (5079) 87 Dec					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	80.845			335	1	79.924		29.550
306	2	80.865			336	2	79.844		29.231
307	3	80.953			337	3	79.686		29.379
308	4	80.928			338	4	79.510		29.708
309	5	80.763			339	5	79.481		29.728
310	6	80.524			340	6	79.495		29.914
311	7	80.408			341	7	79.460		30.179
312	8	80.332			342	8	79.388		30.153
313	9	80.301			343	9	79.363		30.132
314	10	80.299			344	10	79.349		30.010
315	11	80.310			345	11	79.340		29.930
316	12	80.328			346	12	79.336		29.794
317	13	80.346			347	13	79.336		29.614
318	14	80.230			348	14	79.335		29.627
319	15	80.227			349	15	79.314		29.593
320	16	80.233			350	16	79.283		29.500
321	17	80.332			351	17	79.283		29.483
322	18	80.477			352	18	79.285		29.471
323	19	80.473			353	19	79.284		29.474
324	20	80.583			354	20	79.287		29.475
325	21	80.589			355	21	79.288		29.485
326	22	80.399			356	22	79.291		29.473
327	23	80.272			357	23	79.366		29.531
328	24	80.210			358	24	79.460		29.224
329	25	80.297			359	25	79.555		28.791
330	26	80.405			360	26	79.578		27.996
331	27	80.247			361	27	79.559		27.712
332	28	80.073			362	28	79.561		27.712
333	29	80.142			363	29	79.559		27.708
334	30	79.944			364	30	79.560		27.708
					365	31	79.555		27.713

BUOY 5094

BUOY(5094) 87 Sep		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(5094) 87 Oct		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	2	82.917	19.216			274	1	81.983	17.421		
246	3	82.929	19.984			275	2	81.931	17.453		
247	4	82.969	20.203			276	3	81.871	17.671		
248	5	82.964	20.609			277	4	81.866	17.891		
249	6	82.957	21.121			278	5	81.811	17.807		
250	7	82.962	21.957			279	6	81.790	18.679		
251	8	82.985	22.067			280	7	81.753	19.483		
252	9	82.961	21.901			281	8	81.723	19.246		
253	10	82.940	21.008			282	9	81.646	19.329		
254	11	82.905	21.191			283	10	81.591	19.528		
255	12	82.848	20.646			284	11	81.542	19.378		
256	13	82.766	19.362			285	12	81.489	19.372		
257	14	82.709	18.350			288	15	81.484	20.196		
258	15	82.667	17.737			289	16	81.435	20.274		
259	16	82.628	17.389			290	17	81.374	21.241		
260	17	82.556	17.083			291	18	81.335	21.957		
261	18	82.461	16.752			292	19	81.371	22.572		
262	19	82.428	17.068			293	20	81.264	23.484		
263	20	82.371	17.602			294	21	81.049	24.372		
264	21	82.327	17.697			295	22	80.979	24.860		
265	22	82.296	17.635			296	23	80.993	25.151		
268	25	82.184	17.446			297	24	81.021	25.676		
269	26	82.158	17.314			300	27	80.939	26.036		
270	27	82.137	17.326			301	28	80.922	26.033		
271	28	82.112	17.305			302	29	80.953	25.653		
272	29	82.121	16.943			303	30	80.943	25.092		
273	30	82.048	16.964			304	31	80.912	24.810		

BUOY(5094) 87 Nov		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(5094) 87 Dec		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	80.906	24.712			335	1	80.766	22.614		
306	2	80.953	24.049			336	2	80.742	22.622		
307	3	81.044	23.141			337	3	80.736	22.591		
308	4	81.001	23.170			338	4	80.735	22.599		
309	5	80.897	22.919			339	5	80.722	22.543		
310	6	80.870	22.980			340	6	80.707	22.716		
311	7	80.865	22.968			341	7	80.689	22.811		
312	8	80.865	22.963			342	8	80.676	22.783		
313	9	80.864	22.974			343	9	80.678	22.770		
314	10	80.865	22.962			344	10	80.677	22.763		
315	11	80.871	22.939			345	11	80.677	22.765		
319	15	80.899	22.911			346	12	80.679	22.758		
320	16	80.928	22.328			347	13	80.678	22.755		
321	17	81.007	21.518			348	14	80.676	22.754		
322	18	81.081	21.354			349	15	80.676	22.771		
323	19	81.092	21.597			350	16	80.678	22.766		
324	20	81.107	21.603			351	17	80.677	22.772		
327	23	80.956	22.866			352	18	80.677	22.767		
328	24	80.903	23.206			353	19	80.676	22.776		
329	25	80.949	23.364			354	20	80.679	22.785		
330	26	80.993	23.441			355	21	80.680	22.773		
331	27	80.937	23.308			356	22	80.677	22.767		
332	28	80.845	23.650			357	23	80.717	22.624		
333	29	80.846	22.876			358	24	80.839	22.473		
334	30	80.784	22.869			359	25	81.019	21.635		
						360	26	81.149	19.419		
						361	27	81.159	17.428		
						362	28	81.147	16.217		
						363	29	81.062	15.226		
						364	30	80.967	14.375		
						365	31	80.910	12.755		

BUOY 5096

BUOY (5095) 87 Sep				BUOY (5095) 87 Oct					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
245	2	81.937			274	1	81.131		30.660
247	4	81.983			275	2	81.091		30.709
248	5	81.990			276	3	81.036		30.977
249	6	81.965			277	4	81.026		31.127
250	7	81.968			278	5	81.004		31.158
251	8	81.976			279	6	80.976		31.671
252	9	81.996			280	7	80.942		32.429
253	10	82.007			281	8	80.883		31.763
254	11	81.979			282	9	80.792		32.039
255	12	81.948			283	10	80.743		32.387
256	13	81.910			284	11	80.686		32.024
257	14	81.903			285	12	80.634		32.056
258	15	81.897			286	13	80.624		32.217
259	16	81.871			287	14	80.659		32.623
260	17	81.785			288	15	80.665		32.642
261	18	81.702			289	16	80.652		32.767
262	19	81.640			290	17	80.587		33.103
263	20	81.566			291	18	80.526		33.534
264	21	81.518			292	19	80.503		33.810
265	22	81.474			293	20	80.436		34.445
266	23	81.443			294	21	80.191		35.137
267	24	81.419			295	22	80.011		35.285
268	25	81.394			296	23	79.966		35.494
269	26	81.378			297	24	80.076		36.048
270	27	81.361			298	25	80.081		36.457
271	28	81.346			299	26	80.092		36.311
272	29	81.327			300	27	80.067		35.607
273	30	81.212			301	28	79.973		35.497
					302	29	80.041		35.244
					303	30	79.974		35.010
					304	31	79.872		34.260

BUOY (5095) 87 Nov				BUOY (5095) 87 Dec					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	79.855			335	1	78.860		29.792
306	2	79.861			336	2	78.732		29.158
307	3	79.879			337	3	78.543		28.974
308	4	79.868			338	4	78.338		28.892
309	5	79.713			339	5	78.161		28.544
310	6	79.411			340	6	78.106		28.453
311	7	79.237			341	7	78.041		28.589
312	8	79.095			342	8	77.983		28.404
313	9	78.965			343	9	77.906		28.191
314	10	78.902			344	10	77.791		27.760
315	11	78.885			345	11	77.644		27.201
316	12	78.876			346	12	77.532		26.763
317	13	78.887			347	13	77.455		26.116
318	14	78.817			348	14	77.375		25.706
319	15	78.801			349	15	77.263		25.275
320	16	78.814			350	16	77.062		24.669
321	17	78.819			351	17	76.928		24.180
322	18	78.871			352	18	76.760		23.107
323	19	78.875			353	19	76.695		22.384
324	20	79.000			354	20	76.670		21.967
327	23	78.886			355	21	76.687		22.424
328	24	78.865			356	22	76.715		22.170
329	25	78.902			357	23	76.790		22.006
330	26	79.037			358	24	76.890		21.477
331	27	79.028			359	25	77.063		21.142
					360	26	77.048		21.175
					361	27	77.009		20.239
					362	28	76.963		19.853
					363	29	76.837		19.578
					364	30	76.734		19.368
					365	31	76.616		19.172

BUOY 7001

BUOY (7001)		LAT	LON	P	T	BUOY (7001)		LAT	LON	P	T
87 Jan		(N)	(+E, -W)	(MB)	(C)	87 Feb		(N)	(+E, -W)	(MB)	(C)
1	1	86.527	123.477	1025.5	-35.7	32	1	86.689	129.260	1011.9	-30.7
2	2	86.501	124.817	1026.1	-20.9	33	2	86.724	129.237	1015.7	-34.4
3	3	86.455	126.292	1026.3	-19.8	34	3	86.715	129.305	1023.0	-35.5
4	4	86.409	127.272	1024.2	-16.3	42	11	86.696	129.910	1031.4	-45.5*
5	5	86.318	128.780	1014.5	-16.5	43	12	86.712	130.245	1040.0	-43.5
6	6	86.223	129.367	1015.5	-16.2	44	13	86.721	131.142	1041.3	-38.9
7	7	86.175	129.529	1018.0	-27.3	45	14	86.727	131.883	1040.9	-39.2
8	8	86.121	130.210	1005.0	-13.0	46	15	86.754	131.897	1030.0	-36.2*
9	9	86.064	130.319	995.6	-25.6	47	16	86.759	131.854	1025.4	-34.7
10	10	86.166	129.156	995.7	-32.1	48	17	86.765	131.726	1027.7	-40.2
11	11	86.208	128.882	983.0	-32.5	49	18	86.788	131.204	1025.8	-39.2
12	12	86.201	127.769	996.3	-36.7	50	19	86.820	130.342	1024.8	-39.7
13	13	86.149	127.953	998.8	-28.6	51	20	86.850	129.567	1028.8	-41.3
14	14	86.130	128.539	1001.1	-31.8	52	21	86.881	128.860	1031.4	-43.1
15	15	86.149	129.345	1009.1	-29.4	53	22	86.920	127.978	1034.4	-41.1
16	16	86.195	129.689	1019.7	-35.3	54	23	86.945	126.676	1030.1	-38.7
29	29	86.557	127.515	1029.9	-37.3	55	24	86.979	125.643	1034.7	-42.7
30	30	86.582	127.621	1022.1	-34.2*	56	25	86.994	124.605	1028.5	-38.0
31	31	86.614	128.678	1014.3	-25.0*	57	26	86.985	123.576	1020.3	-30.5
						58	27	86.955	122.990	1018.6	-25.7*
						59	28	86.958	123.051	1020.0	-31.6*

BUOY (7001)		LAT	LON	P	T	BUOY (7001)		LAT	LON	P	T
87 Mar		(N)	(+E, -W)	(MB)	(C)	87 Apr		(N)	(+E, -W)	(MB)	(C)
60	1	87.038	124.885	991.0	-25.9	91	1	87.447	98.806	1041.3	-26.4
61	2	87.135	124.206	1012.5	-30.6	92	2	87.456	98.108	1047.3	-28.5
62	3	87.153	122.433	1019.7	-33.7	93	3	87.466	97.817	1048.1	-33.2
63	4	87.152	121.128	1018.0	-37.1	94	4	87.506	98.240	1042.8	-31.4
64	5	87.156	120.275	1015.7	-41.4	95	5	87.568	98.172	1035.6	-30.2
65	6	87.133	119.761	1013.6	-39.6	96	6	87.610	97.349	1028.3	-25.2
66	7	87.143	120.803	986.4	-28.8	97	7	87.642	96.622	1029.6	-26.7
67	8	87.183	118.465	995.8	-35.9	98	8	87.668	95.872	1025.9	-26.4
68	9	87.118	116.216	1019.4	-42.6	99	9	87.681	95.490	1022.7	-26.7
69	10	87.094	115.887	1018.5	-43.6	100	10	87.734	95.041	1014.7	-20.0
70	11	87.111	115.177	1011.2	-38.9	101	11	87.790	94.414	1017.5	-18.3
71	12	87.060	112.273	1004.0	-30.7	102	12	87.804	94.137	1017.4	-20.8
74	15	87.089	111.463	1026.0	-42.9	103	13	87.809	93.954	1019.7	-22.8
75	16	87.114	111.365	1034.6	-41.4	106	16	87.865	94.627	1032.5	-21.6
76	17	87.159	110.864	1036.2	-33.8						
77	18	87.218	109.900	1030.8	-33.3						
78	19	87.303	108.732	1024.4	-30.7						
79	20	87.388	108.027	1028.9	-28.5						
80	21	87.439	107.060	1035.3	-33.7						
81	22	87.461	106.227	1039.2	-36.8						
82	23	87.462	106.034	1042.7	-38.2						
83	24	87.455	105.772	1042.3	-38.6						
84	25	87.411	104.322	1029.9	-28.5						
85	26	87.388	102.450	1026.1	-31.6						
86	27	87.400	101.062	1025.4	-31.0						
87	28	87.408	100.669	1022.6	-35.8						
88	29	87.441	100.830	1031.0	-35.0						
89	30	87.446	100.551		-35.0*						
90	31	87.445	99.932	1040.1	-32.6*						

BUOY 7001

BUOY (7001) 87 May					BUOY (7001) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
122	2	87.865	99.728	1018.6	-13.9	152	1	88.120	76.154	1025.0	-5.2
123	3	87.959	98.523	1020.5	-14.9	153	2	88.099	74.232	1023.6	-3.3
124	4	88.008	97.521	1024.8	-17.1	154	3	88.108	73.248	1034.5	-2.3
125	5	88.020	95.842	1025.0	-17.2	155	4	88.090	72.040	1030.3	-2.9
126	6	88.017	93.840	1025.7	-16.0	156	5	88.052	70.987	1021.3	-1.8
127	7	88.012	91.820	1025.6	-14.7	157	6	88.043	70.605	1022.4	-2.3
128	8	88.011	90.608	1026.9	-12.7	158	7	88.091	69.556	1021.5	-1.8
129	9	88.001	90.164	1027.0	-12.4	159	8	88.131	67.771	1023.9	-1.3
130	10	88.000	90.135	1026.7	-12.6	160	9	88.141	65.774	1026.4	-0.9
131	11	88.002	90.133	1027.2	-13.4	161	10	88.146	63.980	1024.3	-0.7
132	12	88.004	89.862	1026.1	-12.5	162	11	88.131	62.143	1022.8	-0.4
133	13	88.009	89.474	1023.0	-14.8	163	12	88.103	60.321	1021.0	-0.5
134	14	88.022	88.258	1015.4	-13.4	164	13	88.086	59.801	1013.7	-1.6
135	15	88.056	85.666	1008.9	-11.6	165	14	88.069	59.687	1008.8	-1.1
136	16	88.033	84.116	1013.1	-10.4	166	15	88.043	59.858	1005.1	0.2
137	17	88.049	84.590	1020.6	-10.1	167	16	88.014	59.158	1003.8	-0.1
138	18	88.103	87.093	1022.8	-5.9	168	17	87.946	57.109	1006.6	0.2
139	19	88.143	88.410	1023.3	-5.7	169	18	87.930	55.653	1012.6	0.3
140	20	88.199	89.338	1017.4	-5.4	170	19	87.926	55.012	1015.1	-0.6
141	21	88.221	89.751	1014.5	-3.6	171	20	87.914	54.915	1015.4	-0.3
142	22	88.236	90.097	1010.9	-0.4	172	21	87.916	54.666	1015.4	-0.2
143	23	88.259	90.843	1010.8	-0.2	173	22	87.929	53.674	1016.3	0.5
144	24	88.257	90.824	1021.6	-7.0	174	23	87.943	52.266	1022.6	-0.5
145	25	88.266	89.991	1023.9	-7.0	175	24	87.950	51.160	1026.9	0.4
146	26	88.276	89.504	1020.5	-6.8	176	25	87.946	49.766	1032.3	1.6
147	27	88.276	88.242	1019.9	-6.3	177	26	87.900	47.809	1024.9	2.3
148	28	88.266	86.066	1024.1	-8.2	178	27	87.865	46.146	1026.4	1.6
149	29	88.233	83.769	1026.9	-9.6	179	28	87.823	44.448	1021.9	1.4
150	30	88.183	81.465	1025.2	-10.0	180	29	87.762	42.323	1012.6	1.5
151	31	88.142	78.948	1022.7	-4.9	181	30	87.768	40.172	1017.0	1.3

BUOY (7001) 87 Jul					BUOY (7001) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	87.764	38.778	1020.2	1.8	213	1	87.257	13.381	1019.4	0.7
183	2	87.822	37.681	1027.6	1.6	214	2	87.288	12.858	1024.7	1.1
184	3	87.880	35.734	1022.8	1.1	217	5	87.525	11.903	1024.7	1.5
185	4	87.900	33.556	1019.9	1.8	218	6	87.550	12.685	1020.9	1.4
186	5	87.910	30.870	1013.3	1.2	219	7	87.546	13.356	1021.4	0.5
187	6	87.880	30.176	1006.7	2.0	220	8	87.508	13.165	1021.7	0.4
188	7	87.862	30.167	1007.6	2.8	221	9	87.511	11.633	1019.2	-0.1
189	8	87.840	30.574	1011.6	2.1	222	10	87.503	10.885	1018.4	0.1
190	9	87.843	30.854	1018.2	1.8	223	11	87.435	10.374	1017.4	0.4
191	10	87.840	30.893	1023.7	2.5	224	12	87.360	10.209	1017.0	0.8
192	11	87.850	30.357	1015.1	1.5	225	13	87.272	10.034	1013.2	0.3
193	12	87.841	30.131	1009.5	1.8	226	14	87.169	9.383	1007.2	0.6
194	13	87.803	29.783	1003.7	1.3	227	15	87.083	8.312	1012.6	-0.1
195	14	87.758	27.176		1.2	228	16	87.037	8.061	1016.3	-0.6
196	15	87.707	25.411		1.2	229	17	86.972	7.347	1014.7	-0.7
197	16	87.666	24.285	1004.2	1.4	230	18	86.927	6.266	1016.0	0.2
198	17	87.587	23.548	1007.9	0.4	231	19	86.895	5.622	1016.0	0.6
199	18	87.514	23.474	1002.3	0.7	232	20	86.844	4.024	1015.0	-0.6
200	19	87.438	24.164	1000.2	1.1	233	21	86.781	2.580	1014.4	-0.3
201	20	87.345	23.832	1009.1	0.5	234	22	86.723	2.283	1009.8	-1.8
202	21	87.284	23.516	1007.7	0.7	235	23	86.692	2.408	1006.0	-3.0
203	22	87.211	23.350	1002.2	1.4	236	24	86.670	2.479	1006.0	-4.3
204	23	87.171	22.995	1004.4	1.1	237	25	86.644	2.552	1010.4	-4.7
210	29	87.174	16.876		0.3*	238	26	86.622	2.523	1012.4	-2.2
211	30	87.207	15.467	1015.9	0.2	239	27	86.621	2.459	1012.6	-3.1
212	31	87.232	13.722	1013.3	0.9	240	28	86.625	2.394	1011.4	-3.0
						241	29	86.623	2.167	1011.0	-4.2
						242	30	86.608	2.068	1015.1	-7.0
						243	31	86.626	2.051	1015.3	-6.6

BUOY 7001

BUOY (7001) 87 Sep					BUOY (7001) 87 Oct						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
244	1	86.600	2.037	1020.1	-7.7*	274	1	85.442	10.727	1005.1	-26.1
245	2	86.582	1.922	1004.7	-4.4	275	2	85.321	11.682	997.1	-15.8
246	3	86.585	3.073	1017.1	-5.9	276	3	85.225	12.551	991.5	-18.8
247	4	86.636	4.262	1011.8	-4.2	277	4	85.202	12.704	999.0	-25.6
248	5	86.642	5.084	1012.8	-7.3	278	5	85.155	13.048	995.7	-30.6
249	6	86.606	4.875	1016.3	-8.5	279	6	85.128	13.087	985.6	-30.5*
250	7	86.556	4.315	1015.8	-11.3	280	7	85.022	13.876	994.6	-20.9
251	8	86.545	4.098	1012.9	-17.8*	281	8	84.977	14.060	1006.2	-22.9*
252	9	86.472	3.860	1022.8	-10.0*	282	9	84.862	14.765	1009.8	-17.8
253	10	86.480	4.009	1013.0	-11.5*	283	10	84.737	16.520	1000.7	-13.2
254	11	86.479	4.690	1006.0	-9.6	284	11	84.678	16.720	999.6	-26.7
255	12	86.373	5.246	1016.4	-12.2	285	12	84.623	17.177	992.9	-17.6
256	13	86.348	5.117	1016.5	-16.6	286	13	84.590	17.943		-21.6*
257	14	86.281	3.896	1015.8	-9.6	287	14	84.612	18.352	1010.1	-23.6
258	15	86.212	3.139	1015.2	-15.8	288	15	84.612	18.680	1018.7	-28.6
259	16	86.192	3.077	1015.6	-9.3	289	16	84.610	18.707	1001.5	-26.3
260	17	86.095	2.728	1029.8	-11.2	290	17	84.596	19.884	996.5	-23.3*
261	18	86.041	3.833	1019.5	-9.1	291	18	84.565	20.518	1002.0	-27.2
262	19	86.004	4.611	1014.1	-12.3	292	19	84.577	20.237	999.3	-27.6
263	20	85.938	4.831	1014.4	-9.3	293	20	84.469	19.476	1008.8	-21.0
264	21	85.887	4.767	1016.8	-16.7	294	21	84.301	19.134	1025.9	-19.8
265	22	85.828	5.039	1014.3	-19.2*	295	22	84.250	19.075		-21.5
266	23	85.779	5.105		-23.4*	296	23	84.295	19.495	1024.8	-9.8
267	24	85.713	5.238	1008.4	-24.5	297	24	84.349	20.150	994.8	-1.8
268	25	85.656	5.514	1013.3	-26.4	298	25	84.301	20.908	999.3	-20.5
269	26	85.663	6.742	1004.6	-16.6*	299	26	84.230	20.876	1011.8	-31.6
270	27	85.672	7.367	1006.9	-28.1*	300	27	84.181	20.724	1014.7	-32.1
271	28	85.643	8.213	1003.0	-28.3	301	28	84.143	20.564	1021.0	-30.8
272	29	85.636	9.355	995.0	-22.0*	302	29	84.138	20.229	1013.5	-29.2
273	30	85.564	9.917	995.2	-31.8	303	30	84.121	19.487	1019.9	-29.1*
						304	31	84.079	19.147	1021.0	-27.7

BUOY (7001) 87 Nov					BUOY (7001) 87 Dec						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
305	1	84.064	19.077	1020.7	-33.4	336	2	82.931	10.921	1031.6	-45.2
306	2	84.051	18.739	1020.8	-28.5	337	3	82.863	10.743	1030.4	-40.2
307	3	84.039	18.245	1010.2	-25.3	338	4	82.738	10.148		-31.3
308	4	83.992	17.015	1003.6	-27.4	339	5	82.685	10.029		-28.5
309	5	83.875	16.172	1018.9	-32.3	340	6	82.641	10.287	1011.0	-19.0
						341	7	82.605	10.289		-26.3
						342	8	82.552	10.082	1019.0	-35.1
						343	9	82.517	9.924	1025.1	-36.4
						344	10	82.505	9.827	1026.6	-31.7
						345	11	82.493	9.581	1025.2	-34.2
						346	12	82.479	9.055		-30.8
						347	13	82.441	8.238	1020.7	-31.8
						348	14	82.402	7.564	1017.2	-31.3
						349	15	82.349	6.767	1016.4	-32.1
						350	16	82.269	6.042	1013.3	-29.1
						351	17	82.214	5.373	1015.3	-26.3
						356	22	82.062	3.923	1015.5	-29.4*
						359	25	81.366	0.841	995.3	-29.0
						362	28	80.711	-1.724	1021.8	-32.1
						363	29	80.555	-1.844	1018.2	-29.1
						364	30	80.388	-1.864	1014.7	-28.6

BUOY 7002

BUOY (7002) 87 Jan					BUOY (7002) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	79.089	168.586	1045.4	-37.1*	32	1	78.529	167.147	1022.7	-29.3*
2	2	79.069	168.797	1033.5	-30.9	33	2	78.548	167.059	1019.4	-38.8*
3	3	78.993	168.955	1025.0	-25.3	35	4	78.532	166.885	1015.5	-35.1
4	4	78.912	168.980	1021.0	-29.6	36	5	78.531	166.890	1016.9	-40.0
5	5	78.856	169.068	1010.9	-20.5	37	6	78.537	166.876	1020.8	-42.3
6	6	78.818	169.125	1007.7	-19.6*	39	8	78.540	166.869	1026.5	-45.2
7	7	78.809	169.131	1008.5	-30.0*	40	9	78.541	166.881	1032.7	-45.1
8	8	78.788	169.144	1014.7	-34.0	41	10	78.542	166.957	1040.1	-41.7
9	9	78.699	169.415	992.7	-28.1	42	11	78.551	167.067	1045.1	-41.8*
10	10	78.676	169.239	990.2	-42.1	43	12	78.558	167.028		-43.2*
11	11	78.683	169.216	987.1	-41.2	44	13	78.556	166.926	1052.1	-43.6*
12	12	78.744	168.975	979.2	-33.5	45	14	78.546	166.864	1051.5	-41.8
13	13	78.721	168.852	1005.1	-42.5	46	15	78.542	166.919	1048.0	-40.4
14	14	78.700	169.011	1014.0	-42.7*	47	16	78.540	167.208	1037.9	-34.2
15	15	78.677	169.029	1016.4	-40.6	48	17	78.535	167.341	1035.2	-37.8
16	16	78.638	168.743	1011.6	-31.4	49	18	78.551	167.271	1034.2	-40.1
17	17	78.600	168.429	1012.2	-29.6	50	19	78.586	167.204	1030.1	-41.5
18	18	78.557	168.320	1017.7	-28.9	51	20	78.632	167.107	1030.7	-41.1
19	19	78.540	168.378	1027.6	-34.8	52	21	78.689	166.875	1032.8	-41.0
20	20	78.530	168.419	1033.6	-39.8	53	22	78.726	166.559	1029.8	-42.0*
21	21	78.532	168.390	1033.3	-41.2	54	23	78.772	166.321	1034.9	-41.0
22	22	78.556	168.164	1026.3	-38.6	55	24	78.797	165.943	1027.6	-33.5
23	23	78.565	167.729	1017.1	-32.1	56	25	78.802	165.569	1019.6	-29.3
24	24	78.544	167.147	1012.6	-27.6	57	26	78.788	165.517	1010.5	-30.8
25	25	78.475	166.992	1013.6	-30.0	58	27	78.784	165.606	1014.0	-36.4
26	26	78.431	167.105	1026.7	-34.9	59	28	78.775	165.805	1026.1	-34.5
27	27	78.427	167.168	1037.2	-36.6*						
28	28	78.469	167.189	1042.0	-31.8						
29	29	78.557	166.999	1030.3	-26.6						
30	30	78.567	166.954	1029.6	-32.4						
31	31	78.543	167.069	1032.0	-32.8						

BUOY (7002) 87 Mar					BUOY (7002) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	78.788	165.890	1028.3	-36.3	91	1	79.516	164.927	1050.2	-30.9
61	2	78.847	165.985	1018.7	-34.5	92	2	79.540	164.703	1054.8	-31.1
62	3	78.925	165.994	1016.1	-34.2	93	3	79.556	164.484	1057.6	-27.5
63	4	78.986	166.156	1020.9	-32.1	94	4	79.555	164.375	1053.6	-26.7
64	5	79.026	166.097	1012.1	-36.3	95	5	79.535	164.350	1047.0	-26.5
65	6	79.041	166.164	1005.8	-43.2	96	6	79.522	164.440	1045.4	-25.2
66	7	79.022	166.258	1013.2	-44.6	97	7	79.538	164.572	1045.6	-23.1
67	8	79.053	166.702	1005.9	-35.8	98	8	79.552	164.669	1045.0	-21.7*
68	9	79.147	167.002	1008.4	-33.1	99	9	79.574	164.778	1042.4	-23.1
69	10	79.191	166.836	1012.8	-32.1	100	10	79.582	164.818	1039.3	-24.6
70	11	79.212	166.595	1008.2	-33.0	101	11	79.588	164.915	1039.7	-23.9
71	12	79.192	166.952	1017.9	-37.1	102	12	79.595	165.004	1038.8	-25.0
72	13	79.201	167.161	1028.1	-36.5	106	16	79.497	164.252	1027.1	-23.2*
73	14	79.232	167.097	1021.4	-31.2	107	17	79.490	163.924	1027.5	-23.4
76	17	79.266	167.073	1046.1	-37.6	108	18	79.460	163.618	1021.7	-23.8
77	18	79.301	166.976	1049.2	-38.6	109	19	79.399	163.369	1013.5	-22.9
78	19	79.336	166.892	1050.9	-39.7	110	20	79.378	163.006	1019.0	-25.4
79	20	79.373	166.811	1052.8	-39.3	111	21	79.375	163.061	1017.1	-26.4
80	21	79.404	166.638	1052.5	-38.8*	112	22	79.393	163.162	1017.3	-25.9
81	22	79.416	166.441	1050.9	-39.4*	113	23	79.396	163.329	1019.3	-21.6
82	23	79.360	166.198	1030.4	-28.3*	114	24	79.403	163.518	1018.8	-19.2
83	24	79.334	165.840	1020.2	-33.6	115	25	79.366	164.104	1005.4	-14.9
84	25	79.371	165.957	1029.8	-34.2	116	26	79.325	164.495	1002.7	-15.7
87	28	79.394	166.004	1032.7	-35.4	117	27	79.316	164.836	992.3	-7.8
88	29	79.380	165.825	1038.7	-34.9	118	28	79.329	164.712	1001.6	-12.5
						119	29	79.320	164.221	1018.0	-20.9*
						120	30	79.305	164.056	1028.3	-20.5

BUOY 7002

BUOY (7002) 87 May		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (7002) 87 Jun		LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	79.304	164.058	1034.5	-20.3	152	1	80.265	159.107	1018.4	-0.4
122	2	79.329	163.985	1033.3	-19.7	153	2	80.325	159.052	1028.0	-1.3
123	3	79.367	163.909	1027.7	-19.1	154	3	80.372	158.672	1028.1	-0.2
124	4	79.420	163.701	1023.1	-17.5	155	4	80.433	158.248	1020.8	1.1
125	5	79.506	163.427	1020.0	-15.0	156	5	80.483	158.285	1021.5	1.2*
126	6	79.619	163.034	1018.0	-13.3	157	6	80.496	158.363	1025.9	0.2
127	7	79.707	162.481	1018.4	-13.6	158	7	80.527	158.177	1024.6	-1.1
128	8	79.721	161.983	1017.7	-14.3	159	8	80.579	157.860	1026.1	-0.3
129	9	79.686	161.578	1016.1	-13.7	160	9	80.625	157.547	1026.2	-0.6
130	10	79.666	161.369	1018.3	-11.6	161	10	80.674	157.238	1021.5	-0.1
131	11	79.660	161.274	1023.0	-8.1	162	11	80.735	156.942	1015.4	0.9*
132	12	79.661	161.235	1023.0	-9.4	163	12	80.799	156.632	1013.5	-0.6
133	13	79.662	161.215	1023.7	-8.0	164	13	80.830	156.434	1009.7	-0.9
134	14	79.687	161.307	1021.9	-6.0	165	14	80.830	156.285	1006.1	-1.0
135	15	79.754	161.372	1004.2	-5.6	166	15	80.792	156.271	1005.6	-0.5
136	16	79.757	162.106	1025.3	-8.8	167	16	80.763	156.320	1007.0	-1.0
137	17	79.788	162.236	1032.0	-8.0	168	17	80.772	156.320	1008.8	1.0
138	18	79.807	161.991	1030.8	-8.0	169	18	80.805	156.211		1.4*
139	19	79.799	161.694	1030.4	-7.7	172	21	80.878	155.444	1013.5	0.8*
140	20	79.791	161.513	1029.3	-7.3	173	22	80.877	155.251	1016.7	1.9
141	21	79.793	161.463	1026.7	-5.2	174	23	80.888	155.152	1024.8	1.9
142	22	79.791	161.441	1024.6	-7.3	175	24	80.925	154.787	1025.0	2.9
143	23	79.796	161.380	1021.6	-5.4	176	25	80.997	154.245	1023.5	-1.6
144	24	79.818	161.239	1020.7	-4.2	177	26	81.085	154.074	1026.5	1.6
145	25	79.836	161.055	1017.4	-7.2	178	27	81.151	153.979	1027.8	2.0
146	26	79.868	160.755	1012.3	-6.2	181	30	81.341	153.737	1029.8	2.2
147	27	79.900	160.381	1011.3	-5.9						
148	28	79.938	160.065	1010.2	-5.7						
149	29	79.994	159.829	1012.4	-4.3						
150	30	80.070	159.776	1016.5	-4.0						
151	31	80.181	159.433	1013.4	-4.1						

BUOY (7002) 87 Jul		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (7002) 87 Aug		LAT (N)	LON (+E, -W)	P (MB)	T (C)
182	1	81.401	153.670	1032.2	3.2	213	1	82.030	155.525	1027.3	1.4
183	2	81.432	153.256	1030.9	3.5	214	2	82.078	155.712	1030.7	1.6
184	3	81.472	152.858	1028.9	1.3	215	3	82.107	155.542	1033.0	2.4
185	4	81.524	152.658	1026.8	1.2	216	4	82.134	155.205	1035.3	1.3
186	5	81.586	152.548	1019.6	1.2	217	5	82.115	155.028	1028.7	1.9
187	6	81.648	152.805	1014.8	1.2	218	6	82.058	155.104	1021.0	1.6
188	7	81.671	152.976	1012.1	1.4	219	7	82.013	154.998	1016.7	-0.3
191	10	81.582	151.586	1009.1	1.1*	220	8	82.004	154.822	1010.7	0.1
192	11	81.569	151.012	1015.3	3.3*	221	9	82.030	154.636	1009.5	0.4
193	12	81.540	150.600	1016.4	-0.4*	222	10	82.025	154.352	1009.3	0.8
194	13	81.539	150.912	1005.8	-0.4	223	11	81.943	154.480	1016.2	0.3
197	16	81.521	151.696	1015.8	-1.4	224	12	81.884	154.648	1021.5	-2.3
198	17	81.581	152.030	1003.4	-0.5	225	13	81.934	154.966	1015.9	-0.9
199	18	81.586	152.484	1008.6	-3.4*	226	14	82.048	155.539	1012.8	0.5
200	19	81.602	152.833	1008.0	-3.0	227	15	82.148	155.784	1014.3	0.3
201	20	81.667	153.183	1003.4	-2.2	228	16	82.259	155.647	1015.2	0.7
202	21	81.612	152.931	1003.0	-3.6	229	17	82.344	155.451	1017.1	0.3
203	22	81.569	153.067	1007.5	-2.6	230	18	82.399	155.236	1020.1	1.0
210	29	81.802	154.975	1034.4	2.7	231	19	82.443	154.802	1021.9	0.8
211	30	81.871	155.043	1030.6	2.7	232	20	82.497	154.077	1012.7	-0.1
212	31	81.952	155.223	1027.3	2.2	233	21	82.532	153.304	999.1	0.4
						234	22	82.508	153.087	999.9	0.4
						235	23	82.496	153.130	1004.6	-0.6
						236	24	82.555	153.311	1002.7	0.1
						237	25	82.680	153.386	994.4	0.0
						238	26	82.734	152.923	996.9	-0.2
						239	27	82.657	152.208	1018.2	-0.9
						240	28	82.590	152.460	1021.1	-5.9
						241	29	82.614	152.916	1008.6	0.3
						242	30	82.561	154.265	1006.7	0.0
						243	31	82.385	154.288	1024.6	-2.9

BUOY 7002

BUOY (7002) 87 Sep					BUOY (7002) 87 Oct					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
244	1	82.317	154.665		274	1	80.923	158.568	-8.7	
245	2	82.235	154.658	1023.9	275	2	80.921	159.176	1002.5	-15.8
246	3	82.105	154.987	1008.0	276	3	80.955	159.722		-7.1
247	4	81.973	154.420	1014.9	277	4	81.088	160.319	1008.6	-14.0
248	5	81.882	154.319	1014.0	278	5	81.198	160.408	1000.6	-14.5
249	6	81.808	154.420	1006.8	279	6	81.149	160.495	1021.8	-24.4
250	7	81.743	154.067		280	7	81.159	161.057	1018.9	-21.6
251	8	81.638	153.860	1008.6	281	8	81.248	161.530	1008.0	-18.4
252	9	81.507	153.599	998.7	282	9	81.356	162.532	988.6	-10.8
253	10	81.356	153.101	998.9	283	10	81.386	163.339	1001.5	-18.6*
254	11	81.229	152.703	1009.3	284	11	81.422	163.766	998.0	-19.0
255	12	81.210	152.846	1003.0	285	12	81.460	164.953	998.8	-11.6
256	13	81.152	152.762	1014.5	286	13	81.525	166.127	1012.1	-14.3
257	14	81.061	152.716	1013.7	287	14	81.575	166.273	1017.5	-16.4
258	15	80.940	152.566	1010.2	288	15	81.593	165.857	1013.1	-12.4
259	16	80.882	152.401	1008.9	289	16	81.571	165.393	1017.3	-20.1
260	17	80.829	152.192	1009.4	290	17	81.520	165.332	1020.3	-28.0
265	22	80.739	154.081	1005.7	291	18	81.504	165.563	1019.2	-25.6
266	23	80.845	154.824	1007.9	292	19	81.548	165.839	1023.9	-23.4
267	24	80.817	154.772	1021.4	293	20	81.615	165.977	1025.6	-23.1
268	25	80.836	155.410	1019.7	294	21	81.677	165.953	1027.9	-23.1
269	26	80.840	156.328	1019.2	295	22	81.724	165.534	1025.2	-14.1
270	27	80.910	157.324	1003.4	296	23	81.756	164.816	1018.9	-12.8
271	28	80.886	157.220	1010.0	297	24	81.751	164.398		-21.3
272	29	80.909	157.410	1001.0	298	25	81.781	164.406	999.2	-22.6
273	30	80.863	157.299	1010.6	299	26	81.841	164.555	1006.9	-26.3
					300	27	81.884	164.712	1012.2	-25.3
					301	28	81.929	164.864	1019.1	-29.5
					302	29	82.001	164.779	1017.5	-21.7
					303	30	82.092	164.482	1013.2	-18.9
					304	31	82.127	164.543	1018.9	-27.3

BUOY (7002) 87 Nov					BUOY (7002) 87 Dec					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
305	1	82.151	164.607	1022.2	337	3	82.470	169.013	1017.8	-34.1
306	2	82.185	164.464	1015.3	338	4	82.402	168.675	1003.7	-21.7
307	3	82.190	164.385	1018.1	339	5	82.372	168.367	987.6	-19.2
309	5	82.217	164.534	1029.5	340	6	82.478	168.469	998.2	-27.5
310	6	82.267	164.483	1034.7	341	7	82.609	168.674	1013.8	-34.0
311	7	82.310	164.405	1037.6	342	8	82.653	168.699	1021.2	-38.1
312	8	82.346	164.433	1038.6	343	9	82.670	168.712		-41.1
313	9	82.364	164.579	1035.8	344	10	82.669	168.405	1036.9	-37.2
314	10	82.380	164.911	1036.9	345	11	82.648	167.883	1042.9	-34.9
315	11	82.379	165.535	1033.9	346	12	82.640	167.498	1047.0	-36.1
316	12	82.328	166.115		347	13	82.645	167.260	1048.3	-38.6
317	13	82.287	166.532	1035.5	348	14	82.655	167.124	1049.1	-39.4
318	14	82.271	166.705	1040.2	349	15	82.673	167.070	1049.8	-38.8
319	15	82.270	166.756	1041.4	350	16	82.692	167.048	1049.1	-37.7
320	16	82.277	166.717	1044.7	351	17	82.722	167.123	1046.9	-37.2
321	17	82.289	166.576	1048.4	352	18	82.734	167.249	1040.8	-36.6
322	18	82.302	166.445	1045.2	353	19	82.722	167.458	1034.1	-33.7
323	19	82.309	166.490	1041.1	354	20	82.700	167.700	1029.7	-32.9
324	20	82.315	166.960	1029.7	355	21	82.690	167.883	1028.9	-35.7
325	21	82.341	167.706	1013.6	356	22	82.697	167.997	1032.0	-37.5
326	22	82.373	168.335	1011.7	357	23	82.703	168.004	1033.4	-38.6
329	25	82.546	169.374	1001.5	358	24	82.692	168.133	1027.8	-29.8
330	26	82.505	169.549	1006.8	359	25	82.609	168.234	1024.9	-25.5
331	27	82.463	169.850	1006.8	360	26	82.549	168.105	1025.2	-30.5
332	28	82.473	169.881	1004.3	361	27	82.506	167.893	1029.7	-35.6
333	29	82.485	169.783	1009.1	362	28	82.426	167.808	1026.3	-30.5
334	30	82.495	169.667	1012.6	363	29	82.407	167.749	1030.8	-35.6
					364	30	82.404	167.731	1041.2	-39.8
					365	31	82.396	167.686	1044.4	-39.4

BUOY 7004

BUOY (7004) 87 Jan					BUOY (7004) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
12	12	84.356	166.344	992.2	-41.3	32	1	84.397	167.085	1020.2	-34.8
13	13	84.318	166.302	997.0	-28.7	33	2	84.409	167.222	1021.8	-35.4
14	14	84.312	166.576	1006.4	-30.2	34	3	84.403	167.217	1022.0	-31.6
15	15	84.332	166.746	1014.4	-32.2	35	4	84.381	167.073	1018.6	-31.5
16	16	84.336	166.749	1022.2	-34.9	36	5	84.383	166.884	1016.8	-36.7
17	17	84.317	166.624	1021.5	-39.8	38	7	84.412	167.006	1019.6	-36.8*
18	18	84.289	166.647	1022.5	-39.8	39	8	84.423	166.964	1022.0	-42.2*
19	19	84.265	166.907	1025.0	-39.8	40	9	84.411	167.541	1017.5	-36.6*
20	20	84.252	167.413		-41.5*	41	10	84.392	168.594	1019.5	-31.6*
21	21	84.273	167.761	1038.0	-43.3*	42	11	84.385	169.079	1033.4	-38.6
22	22	84.316	167.729	1037.4	-41.6	44	13	84.354	169.331	1046.8	-39.0*
23	23	84.360	167.482	1034.5	-38.9	45	14	84.325	169.573	1044.4	-38.0*
24	24	84.388	167.059	1031.1	-38.6	46	15	84.317	169.828	1037.0	-37.1
25	25	84.414	166.502	1024.0	-34.9	47	16	84.321	170.089	1028.0	-32.9
26	26	84.390	166.125	1026.6	-35.4	48	17	84.326	170.093	1031.2	-39.4
27	27	84.378	165.903	1034.0	-42.1	49	18	84.359	169.990	1031.8	-39.0
28	28	84.378	166.036	1038.3	-39.1	50	19	84.408	169.776		-39.6
29	29	84.401	166.045	1035.9	-36.2	51	20	84.449	169.548	1034.5	-41.1
30	30	84.420	166.056	1028.3	-34.1	54	23	84.599	168.452	1036.4	-38.3
31	31	84.409	166.568	1022.1	-28.1	55	24	84.633	168.142	1037.2	-38.2
						56	25	84.651	167.671	1026.6	-31.7
						57	26	84.653	167.066	1015.8	-29.1
						58	27	84.645	166.702	1013.4	-29.6
						59	28	84.641	166.718	1025.4	-38.8

BUOY (7004) 87 Mar					BUOY (7004) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	84.657	167.252	1014.8	-35.1	91	1	85.613	164.055	1048.2	-24.9
61	2	84.738	167.988	1019.2	-31.7	92	2	85.634	164.435	1055.6	-29.5
62	3	84.830	167.469	1018.8	-31.7	93	3	85.639	164.899	1054.1	-29.9
63	4	84.881	166.958	1019.3	-37.1	94	4	85.610	165.495	1048.4	-28.8
64	5	84.913	166.647	1014.3	-36.8*	95	5	85.587	165.819	1041.1	-29.6
65	6	84.908	166.185	1004.5	-35.5	96	6	85.593	166.228	1037.3	-27.1
66	7	84.866	166.395	999.0	-38.6*	97	7	85.618	166.671	1036.5	-23.8
67	8	84.906	167.058	993.1	-35.7	98	8	85.639	166.925	1034.8	-26.1
68	9	84.957	165.561	1010.5	-43.0	99	9	85.660	167.163	1032.4	-27.4
69	10	84.986	164.305	1017.8	-43.0	100	10	85.670	167.375	1032.1	-28.1
70	11	85.042	163.697	1011.7	-33.3	101	11	85.695	168.030	1027.4	-24.1
71	12	85.080	163.116	1005.2	-37.6	102	12	85.702	168.714	1028.7	-24.4
72	13	85.069	163.548	1020.2	-40.1	103	13	85.700	169.174	1027.6	-23.7
73	14	85.096	163.815	1025.9	-41.4	106	16	85.642	169.259	1032.4	-22.1
74	15	85.115	163.877	1031.6	-41.5	107	17	85.622	169.098	1034.5	-23.0
75	16	85.117	163.955	1042.3	-43.3	108	18	85.595	168.649	1030.5	-24.6
76	17	85.142	164.011	1046.5	-40.6	109	19	85.544	167.966	1025.2	-22.3
77	18	85.175	164.059	1043.2	-37.7	110	20	85.549	167.915	1022.8	-23.5
78	19	85.236	164.503	1041.0	-31.3	111	21	85.554	168.271	1016.0	-25.1
79	20	85.308	165.081	1045.9	-32.7	112	22	85.584	168.809	1014.8	-22.0
80	21	85.367	165.274	1047.4	-34.8	113	23	85.588	169.163	1015.8	-17.0
81	22	85.407	165.224	1047.5	-34.2	114	24	85.527	169.270	1006.6	-13.9
82	23	85.409	165.145	1046.0	-39.6	115	25	85.446	169.274	999.8	-17.3
83	24	85.415	164.627	1034.2	-30.6	116	26	85.414	169.023	994.6	-16.7
84	25	85.465	163.406	1025.8	-23.4*	117	27	85.426	168.620	997.3	-21.5
87	28	85.522	163.303	1027.2	-36.4	118	28	85.416	167.638	1013.5	-23.5
88	29	85.509	163.752	1041.0	-35.9	119	29	85.401	167.635	1021.7	-21.1
89	30	85.528	163.852	1043.8	-35.3	120	30	85.417	167.941	1029.8	-21.4
90	31	85.557	163.991		-31.6*						

BUOY 7004

BUOY (7004) 87 May					BUOY (7004) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	85.473	168.433	1033.0	-19.9	152	1	86.225	166.784	1025.6	-5.5
122	2	85.536	169.058	1032.3	-18.0	153	2	86.296	166.733	1029.2	-1.4
123	3	85.586	169.590	1031.5	-19.8	154	3	86.325	166.596	1037.7	-2.1
124	4	85.621	169.751	1030.3	-19.7	155	4	86.382	166.112	1030.4	-2.2
125	5	85.679	169.512	1027.9	-17.4	156	5	86.440	165.912	1021.4	0.1
133	13	85.866	167.530	1026.3	-12.4*	157	6	86.441	165.764	1024.6	1.3
134	14	85.874	167.502	1020.3	-11.8	158	7	86.451	166.214	1025.3	1.1
135	15	85.911	167.868	1013.3	-12.2	159	8	86.491	166.730	1027.7	-0.2
136	16	85.913	167.326	1012.8	-11.7	160	9	86.533	166.880	1031.0	-0.5
137	17	85.903	167.447	1027.3	-11.8	161	10	86.576	166.793	1029.0	-0.3
138	18	85.860	168.455	1027.7	-9.3	162	11	86.640	166.563	1025.3	-1.9
139	19	85.818	168.775	1029.7	-6.9	163	12	86.697	166.123	1020.9	-3.5
140	20	85.800	169.304	1027.2	-10.6	164	13	86.715	165.748	1012.2	-1.9
141	21	85.794	169.871	1022.6	-10.2	165	14	86.716	165.307	1005.4	-0.9
142	22	85.795	170.250	1019.8	-6.7	166	15	86.716	165.200	1002.4	-0.4
143	23	85.786	170.732	1017.2	-2.7	167	16	86.777	165.471	1006.7	-1.1
144	24	85.784	170.861	1018.7	-3.1	168	17	86.842	165.827	1012.0	-0.5
145	25	85.797	170.498	1023.3	-10.1	169	18	86.877	165.620	1016.5	0.9
146	26	85.819	170.201	1022.0	-11.0	170	19	86.900	165.210	1017.0	0.3
147	27	85.852	169.880	1022.0	-10.1	171	20	86.920	164.266	1015.0	-0.9
148	28	85.909	169.308	1022.7	-10.9	172	21	86.936	163.973	1018.2	0.6
149	29	85.970	168.379	1024.0	-11.4	173	22	86.947	163.681	1021.6	1.1
150	30	86.044	167.475	1022.1	-6.4	174	23	86.960	163.519	1025.1	2.3
151	31	86.140	167.291	1025.4	-6.8	175	24	86.988	163.709	1034.4	0.5
						176	25	87.030	163.388	1035.1	2.3
						177	26	87.113	162.983	1030.7	1.7
						178	27	87.173	163.079	1031.3	0.8
						179	28	87.235	163.185	1027.2	0.4
						180	29	87.321	163.896	1023.4	1.0
						181	30	87.383	164.944	1026.4	1.4

BUOY (7004) 87 Jul					BUOY (7004) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	87.456	166.476	1030.1	0.6	213	1	88.244	-179.159	1024.1	0.5
183	2	87.453	167.198	1035.0	1.0	214	2	88.222	-179.158	1030.1	-0.5
184	3	87.459	167.719	1031.7	1.8	217	5	88.012	-178.155	1023.9	0.7
185	4	87.490	168.480	1029.7	1.2	218	6	87.970	-179.250	1019.8	-0.7
186	5	87.534	169.497	1018.6	0.8	219	7	87.985	-179.904	1018.1	-0.7
187	6	87.572	169.760	1010.1	0.6	220	8	88.051	179.335	1021.9	0.1
188	7	87.585	169.440	1007.5	1.1	221	9	88.081	178.013	1020.3	-0.9
189	8	87.592	169.128	1010.6	0.9	222	10	88.094	176.791	1017.3	-1.1
190	9	87.593	168.765	1019.6	1.7	223	11	88.117	174.928	1013.3	0.7
191	10	87.592	167.736	1022.4	1.2	224	12	88.146	174.936	1016.2	0.1
192	11	87.578	166.944	1020.6	1.2	225	13	88.192	175.775	1015.2	-1.2
193	12	87.582	167.536	1011.7	0.8	226	14	88.301	177.601	1013.6	-0.1
194	13	87.618	167.295	1009.3	1.0	227	15	88.386	178.923	1016.7	0.4
195	14	87.688	168.674	1003.2	0.7	228	16	88.443	-179.904	1019.9	0.4
196	15	87.763	171.076	998.1	0.7	229	17	88.480	-178.988	1020.2	0.5
197	16	87.763	172.026	1009.9	-0.1	230	18	88.514	-177.837	1021.9	-0.5
198	17	87.822	171.904	1009.7	0.0	231	19	88.529	-176.572	1025.1	0.6
199	18	87.897	171.061	998.4	0.4	232	20	88.546	-175.267	1023.0	-1.2
200	19	87.919	172.379	1006.2	0.2	233	21	88.601	-174.996	1014.5	-2.2
201	20	87.997	172.471	1007.2	0.6	234	22	88.666	-176.346	1007.5	-3.9
202	21	88.071	171.693	1006.8	0.7	235	23	88.693	-177.882	1005.0	-3.3
203	22	88.111	171.005	1003.6	1.2	236	24	88.704	-178.666	1005.8	-3.8
204	23	88.154	170.763	1005.3	1.1	237	25	88.736	-179.220	1009.4	-3.8
210	29	88.263	175.679	1028.6	0.6	238	26	88.770	178.899	1011.2	-2.1
211	30	88.254	177.172	1025.5	0.3	239	27	88.762	177.256	1014.9	-4.3
212	31	88.252	179.211	1022.3	0.3						

BUOY 7004

BUOY(7004) 87 Sep					BUOY(7004) 87 Oct						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
245	2	88.658	171.705	1006.9	-4.0	274	1	88.864	140.701	979.8	-20.1
246	3	88.635	170.009	1014.2	-7.6	275	2	88.948	135.752	982.8	-24.8
247	4	88.545	167.762	1013.3	-6.8	276	3	89.010	133.105	990.9	-27.5
248	5	88.466	166.344	1010.2	-8.0	277	4	89.082	134.789	1005.4	-23.0
249	6	88.434	163.705	1011.4	-9.9	278	5	89.111	134.874	1009.1	-25.7
250	7	88.406	160.765	1013.1	-9.3	279	6	89.217	138.369	986.5	-22.0*
251	8	88.338	158.427	1013.1	-10.4	280	7	89.302	140.993	995.5	-28.7
252	9	88.334	156.864	1015.5	-13.6	281	8	89.408	137.538	1000.6	-22.7
253	10	88.248	153.874	1008.2	-11.9	282	9	89.464	122.428	986.6	-19.4
254	11	88.153	153.906	1001.5	-12.5	283	10	89.486	101.552	988.6	-27.0
255	12	88.157	153.336	1005.4	-13.0	284	11	89.468	87.896	992.5	-25.0
256	13	88.158	152.240	1017.9	-9.8	285	12	89.432	85.825		-27.4
257	14	88.168	151.564	1020.4	-9.9	286	13	89.433	84.849	998.1	-30.7
258	15	88.173	150.962	1016.5	-13.7	291	18	89.645	52.279	997.7	-31.3*
259	16	88.153	150.426	1015.0	-17.5	292	19	89.639	44.887	1021.5	-34.5
260	17	88.208	149.177	1022.2	-13.1	302	29	89.212	19.463	1021.1	-32.1
261	18	88.178	147.418		-8.7*	303	30	89.186	19.236	1026.3	-33.4
262	19	88.201	145.319	1007.3	-12.0	304	31	89.140	20.090	1022.9	-27.7
263	20	88.252	143.032	1008.6	-16.4						
264	21	88.303	140.458	1006.5	-15.5*						
265	22	88.386	137.994	1008.2	-16.6						
266	23	88.438	136.906	1005.8	-22.4						
267	24	88.518	137.733	1009.8	-21.0						
268	25	88.576	136.470	1001.1	-23.0						
269	26	88.568	140.644	1000.1	-23.9						
270	27	88.540	143.364	1006.2	-22.9						
271	28	88.580	144.463	986.8	-25.5*						
272	29	88.572	147.742	994.0	-30.8						
273	30	88.636	149.081	990.6	-24.0						

BUOY(7004) 87 Nov					BUOY(7004) 87 Dec						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
305	1	89.126	20.142	1023.2	-30.1	335	1	88.640	5.260	1026.3	-44.1
306	2	89.109	20.164	1025.1	-33.6	336	2	88.593	5.598	1033.8	-42.8
307	3	89.097	20.354	1020.6	-35.1	337	3	88.546	6.189	1035.1	-40.2
308	4	89.094	19.619	1018.1	-34.7	338	4	88.526	7.269	1022.9	-31.8
309	5	89.063	17.956	1026.8	-36.4	339	5	88.475	9.266	1009.0	-22.0
310	6	89.007	16.182	1034.0	-35.3	340	6	88.387	10.604	1005.7	-20.2
311	7	88.959	15.166	1033.8	-34.8	341	7	88.309	9.467	1016.1	-35.0
312	8	88.936	13.869	1026.7	-38.3	342	8	88.258	9.076	1023.3	-37.7
313	9	88.925	12.925	1022.9	-38.3	343	9	88.243	9.041	1026.6	-28.6
314	10	88.922	12.520	1020.8	-35.4	344	10	88.265	7.861	1032.2	-35.6
315	11	88.926	12.516	1022.9	-38.3	345	11	88.297	6.110	1037.7	-35.9
316	12	88.966	11.139	1007.8	-21.9	346	12	88.321	4.181	1040.5	-36.4
317	13	89.021	8.829	1017.0	-21.6	347	13	88.333	1.846	1036.2	-35.8*
318	14	89.031	7.423	1027.1	-33.0	348	14	88.342	-1.064	1035.9	-34.0
319	15	89.046	4.519	1029.8	-33.0	349	15	88.340	-4.320	1036.1	-32.5
320	16	89.059	1.540	1037.2	-33.7	350	16	88.287	-8.228	1030.8	-28.4
321	17	89.051	-0.009	1041.3	-33.9	351	17	88.260	-11.585	1031.3	-30.7
322	18	89.063	-2.555	1029.9	-31.6	352	18	88.250	-13.987	1026.5	-35.6
323	19	89.085	-7.891	1014.2	-28.5	353	19	88.248	-15.806	1021.9	-35.6
324	20	89.099	-8.467	1010.9	-37.5	354	20	88.245	-17.389		-32.2
325	21	89.075	-7.576	1008.0	-39.5	355	21	88.231	-18.853	1010.8	-32.3
326	22	88.989	-3.077	1006.3	-35.4	356	22	88.213	-19.515	1011.0	-39.5
327	23	88.852	1.127	1009.4	-25.4	357	23	88.214	-19.498		-42.8
328	24	88.769	3.068	1011.2	-30.9	358	24	88.212	-19.511		-46.2
329	25	88.772	3.818	1004.3	-30.8	359	25	88.161	-18.809	1015.0	-35.9
330	26	88.763	3.801	1006.1	-31.4	360	26	88.157	-19.287	1028.7	-34.1
331	27	88.733	3.877	1007.2	-38.7	361	27	88.194	-20.544	1031.7	-36.7
332	28	88.713	4.385	1012.8	-43.2	362	28	88.218	-21.384	1036.5	-39.0
333	29	88.706	4.392	1011.5	-41.5	363	29	88.215	-22.307	1033.1	-36.3
334	30	88.677	4.803	1017.4	-45.3	364	30	88.215	-22.871	1034.7	-37.5
						365	31	88.221	-23.760	1038.3	-37.5

BUOY 7006

BUOY (7006) 87 Jan					BUOY (7006) 87 Feb						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
1	1	82.327	160.730	1038.0	-30.7	33	2	82.003	160.599	1020.6	-33.7
2	2	82.288	161.301	1026.3	-27.8	34	3	82.003	160.485	1023.5	-32.7
3	3	82.200	161.562	1024.2	-22.5	35	4	81.978	160.444	1015.3	-29.8
8	8	81.910	161.852		-34.8*	36	5	81.976	160.339	1015.6	-39.7
9	9	81.828	161.816	999.7	-38.6*	37	6	81.985	160.409	1017.4	-42.7
10	10	81.844	161.612	992.0	-41.2*	40	9	82.003	160.597	1025.5	-38.0
11	11	81.854	161.603	983.6	-39.7	41	10	82.015	161.302	1029.3	-35.0
12	12	81.903	161.159	988.7	-40.2	42	11	82.031	161.773	1037.5	-38.3
13	13	81.879	-161.112	1001.7	-39.4	43	12	82.027	161.775	1047.4	-41.6*
14	14	81.861	161.434	1010.5	-37.2	44	13	82.020	161.668	1049.7	-40.0*
15	15	81.854	161.617	1016.2	-38.2	45	14	82.009	161.689	1047.6	-37.3
16	16	81.861	161.511	1019.8	-36.8	46	15	82.011	161.947		-35.9*
17	17	81.850	161.280	1020.2	-37.7	47	16	82.014	162.324	1030.9	-32.2*
18	18	81.822	161.209	1021.9	-38.5	48	17	82.014	162.441	1031.8	-37.3
19	19	81.808	161.356	1027.0	-39.5	49	18	82.043	162.331	1030.8	-38.5
20	20	81.808	161.514	1035.1	-41.3	50	19	82.086	162.115	1028.4	-40.3
21	21	81.820	161.629	1034.7	-40.7	51	20	82.121	161.949	1030.7	-41.9
22	22	81.865	161.485	1031.6	-39.3	52	21	82.172	161.658	1033.9	-39.8
23	23	81.918	161.055	1027.5	-37.8	53	22	82.219	161.146	1028.6	-37.4
24	24	81.944	160.544	1024.3	-35.2	54	23	82.263	160.820	1032.9	-41.1
25	25	81.914	160.018	1018.5	-31.1	55	24	82.300	160.456	1033.3	-39.1
26	26	81.879	159.890	1025.7	-33.6	59	28	82.252	159.556	1023.1	-39.7*
27	27	81.887	159.975	1031.4	-34.0						
28	28	81.922	160.218	1039.9	-34.2						
29	29	81.985	160.074	1031.5	-27.5						
30	30	81.998	160.042	1027.2	-30.4						

BUOY (7006) 87 Mar					BUOY (7006) 87 Apr						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
60	1	82.269	159.733	1020.4	-39.0	91	1	83.333	159.460	1049.3	-27.8
61	2	82.343	159.957	1015.2	-32.7	92	2	83.360	159.477	1056.7	-30.6
62	3	82.442	159.700	1011.4	-33.9*	93	3	83.373	159.502	1057.6	-31.1
63	4	82.503	159.567	1014.7	-35.1	94	4	83.374	159.648	1050.5	-28.1
64	5	82.539	159.420	1006.7	-36.3	95	5	83.369	159.901	1042.2	-26.3
65	6	82.530	159.193	1001.2	-41.7*	96	6	83.374	160.252	1037.9	-24.5
66	7	82.498	159.366	1003.5	-35.7	97	7	83.399	160.490	1037.4	-22.8
67	8	82.551	160.249	989.7	-28.7	98	8	83.419	160.635	1035.5	-24.7
68	9	82.645	160.631	1000.6	-28.8	99	9	83.442	160.779	1034.4	-25.8
69	10	82.730	160.525	1009.9	-33.7	100	10	83.451	160.874	1033.6	-27.7
70	11	82.788	160.275	1005.4	-34.3	101	11	83.476	161.259	1030.8	-25.7
71	12	82.798	160.535	1008.6	-39.4	102	12	83.488	161.753	1030.9	-23.4
72	13	82.821	161.148	1021.8	-39.3	103	13	83.489	162.015	1029.8	-22.5
73	14	82.861	161.218	1024.8	-38.2	107	17	83.402	161.608	1029.8	-22.6*
74	15	82.868	161.261	1033.2	-37.8	117	27	83.155	161.817	990.5	-15.0
75	16	82.877	161.340	1040.8	-40.5	118	28	83.141	161.067	1008.5	-22.5
76	17	82.908	161.355	1044.4	-39.3	119	29	83.133	160.963	1019.8	-20.3
77	18	82.944	161.372	1044.7	-36.2	120	30	83.150	161.097	1028.3	-20.8
78	19	82.987	161.431	1045.5	-34.1						
79	20	83.038	161.445	1048.6	-35.5						
80	21	83.081	161.308	1048.3	-35.8*						
81	22	83.106	161.242	1048.5	-35.0						
82	23	83.106	161.158	1043.0	-35.7						
83	24	83.081	160.413	1023.2	-24.9						
84	25	83.122	159.791	1023.4	-35.0						
87	28	83.182	159.719	1029.8	-36.5*						
88	29	83.179	159.863	1041.4	-36.8						
89	30	83.203	159.732	1042.9	-34.9						
90	31	83.268	159.489	1040.8	-28.6						

BUOY 7006

BUOY(7006) 87 May					BUOY(7006) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	83.206	161.280	1032.7	-19.6	152	1	84.070	158.297	1018.3	-2.0
122	2	83.264	161.509	1031.9	-18.9	153	2	84.136	158.197	1026.7	0.0
123	3	83.323	161.596	1028.4	-19.6	154	3	84.170	157.928	1032.0	-1.0
124	4	83.371	161.519	1024.7	-18.9	155	4	84.226	157.347	1023.6	-1.0
125	5	83.440	161.278	1021.7	-16.7	156	5	84.276	157.235	1017.8	2.0
126	6	83.527	160.925	1023.8	-15.0	157	6	84.281	157.279	1022.2	2.9
127	7	83.603	160.435	1024.5	-15.2	158	7	84.306	157.360	1022.9	2.4
128	8	83.628	159.908	1024.9	-15.8	159	8	84.359	157.350	1025.8	1.1
129	9	83.619	159.426	1023.5	-14.2	160	9	84.406	157.204	1027.3	2.1
130	10	83.597	159.030	1024.4	-14.0	161	10	84.453	156.909	1024.6	0.4
131	11	83.588	158.884	1026.6	-13.5	162	11	84.517	156.509	1018.2	0.2
132	12	83.595	158.797	1025.3	-12.9	163	12	84.572	156.142	1014.6	0.2
133	13	83.600	158.688	1022.5	-10.9	164	13	84.591	155.909	1008.5	-0.5
134	14	83.614	158.867	1018.6	-9.9	165	14	84.590	155.650	1003.4	-0.2
135	15	83.669	159.033	1007.3	-9.1	166	15	84.575	155.644	999.5	-0.3
136	16	83.662	159.573	1014.4	-8.4	167	16	84.603	155.902	1003.6	-0.2
137	17	83.685	160.134	1027.8	-7.8	168	17	84.649	156.034	1008.0	0.8
138	18	83.691	160.382	1029.8	-6.6	169	18	84.700	155.916	1013.6	1.7
139	19	83.660	160.484	1029.2	-8.4	170	19	84.726	155.416	1010.3	0.5
140	20	83.648	160.559	1027.4	-6.7	171	20	84.741	154.867	1009.7	1.4
141	21	83.645	160.916	1023.0	-11.0	172	21	84.756	154.650	1014.0	2.5
142	22	83.649	161.274	1021.1	-10.2	173	22	84.766	154.343	1017.5	2.1
143	23	83.644	161.730	1017.9	-5.5	174	23	84.778	154.223	1022.9	2.0
144	24	83.646	161.979	1019.2	-3.0	175	24	84.810	154.109	1030.7	1.5
145	25	83.663	161.801	1018.1	-2.6	176	25	84.867	153.505	1026.7	3.0
146	26	83.687	161.323	1015.6	-5.1	177	26	84.950	153.098	1025.5	1.6
147	27	83.721	160.776	1016.1	-6.8	178	27	85.019	153.109	1027.0	1.7
148	28	83.764	160.153	1015.0	-6.9	179	28	85.107	153.070	1024.1	1.9
149	29	83.819	159.452	1014.7	-7.1	180	29	85.210	153.251	1022.1	2.0
150	30	83.888	159.056	1016.4	-3.9	181	30	85.283	153.595	1024.9	2.5
151	31	83.988	158.772	1018.4	-5.4						

BUOY(7006) 87 Jul					BUOY(7006) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	85.363	154.099	1030.4	1.3	213	1	86.263	159.194	1023.1	1.2
183	2	85.374	154.012	1032.9	4.2	214	2	86.258	159.164	1027.8	1.3
184	3	85.395	153.884	1029.5	3.4	215	3	86.240	159.055	1033.9	0.0
185	4	85.441	153.925	1027.6	1.6	216	4	86.203	159.158	1031.5	2.3
186	5	85.502	154.134	1015.5	1.6	217	5	86.144	159.507	1025.8	1.7
187	6	85.546	154.363	1008.3	1.3	218	6	86.080	159.470	1017.1	0.6
188	7	85.559	154.427	1005.6	1.5	219	7	86.072	158.870	1016.8	-0.6
189	8	85.563	154.553	1009.5	2.5	220	8	86.107	158.171	1014.0	0.5
190	9	85.563	153.794	1015.0	1.9	221	9	86.140	156.827	1014.6	0.7
191	10	85.513	152.163	1016.0	1.7	222	10	86.136	155.646	1005.0	0.8
192	11	85.481	151.180	1017.4	2.5	223	11	86.079	154.784	1004.0	1.0
193	12	85.489	151.421	1010.9	1.8	224	12	86.020	155.099	1015.0	-0.6
194	13	85.539	151.638	1004.7	1.3	225	13	86.059	155.986	1004.3	-0.3
195	14	85.626	152.051	1003.2	1.2	226	14	86.177	156.300	1009.6	0.7
196	15	85.702	153.190	998.1	1.8	227	15	86.272	156.274	1013.3	0.4
197	16	85.711	154.026	1009.3	1.4	228	16	86.348	156.196	1016.9	0.5
198	17	85.790	153.966	1001.7	1.2	229	17	86.412	156.048	1016.6	0.2
199	18	85.827	154.309	1000.2	1.2	230	18	86.462	156.050	1019.6	0.8
200	19	85.858	155.062	1004.5	1.3	231	19	86.497	156.037	1023.5	1.2
201	20	85.950	154.955	1001.1	1.1	232	20	86.541	155.761	1018.4	-0.7
202	21	85.984	154.668	1003.4	0.6	233	21	86.608	154.763	1007.2	-1.4
203	22	85.956	154.744	1002.7	0.4	234	22	86.653	153.113	1002.4	-3.7
204	23	86.009	154.783	1001.0	1.1	235	23	86.652	152.232	1002.5	-2.3
211	30	86.218	157.941	1026.1	1.3	236	24	86.647	152.209	1002.7	-1.4
212	31	86.248	158.595	1021.8	1.2	237	25	86.695	151.531	1001.5	-0.8
						238	26	86.709	149.882	1004.6	-1.2
						239	27	86.671	148.841	1013.6	-2.0
						240	28	86.632	149.090	1015.7	-3.4

BUOY 7006

BUOY (7006) 87 Sep					BUOY (7006) 87 Oct						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
250	7	86.076	144.229	1009.3	-8.5	274	1	86.046	142.648	979.5	-21.0*
251	8	85.996	143.562	1011.1	-9.7	275	2	86.225	143.743	978.7	-22.5
252	9	85.912	142.834	1007.7	-11.7	276	3	86.299	145.397	997.4	-25.4
253	10	85.791	141.811	1005.5	-9.7	277	4	86.343	145.454	1004.4	-22.8
254	11	85.701	141.997	1002.9	-12.5	278	5	86.326	144.898	1006.8	-22.2
255	12	85.674	142.267	1000.7	-11.1	279	6	86.365	146.157	997.9	-18.5
256	13	85.636	141.807	1014.9	-13.4	280	7	86.431	147.970	995.1	-22.5
257	14	85.639	-141.400	1017.2	-13.4	281	8	86.532	148.653	994.6	-19.8
258	15	85.648	141.199	1013.6	-15.2	282	9	86.660	147.656	971.2	-21.3*
259	16	85.620	140.793	1010.9	-16.5	283	10	86.830	149.094		-23.4
260	17	85.646	140.090	1015.0	-11.6	291	18	87.241	150.990	994.8	-12.3*
261	18	85.586	139.215	1002.1	-11.9*	292	19	87.291	150.860	1015.5	-21.6
262	19	85.572	138.218	1001.3	-11.8	293	20	87.412	150.373	1015.4	-17.4
263	20	85.540	136.914	996.9	-14.6	294	21	87.526	149.671	1025.1	-20.5
264	21	85.559	135.412	996.1	-17.3	295	22	87.568	148.709	1034.4	-18.7
265	22	85.619	135.523	1004.3	-22.8	299	26	87.671	146.774	1003.6	-22.2
266	23	85.655	135.793	1006.4	-21.9						
267	24	85.754	136.342	1007.5	-17.5						
268	25	85.796	136.906	1003.4	-21.1						
269	26	85.786	137.927	1008.4	-25.5						
270	27	85.753	138.539	1009.3	-21.1						
271	28	85.838	139.849	989.0	-19.6						
272	29	85.799	140.692	1000.7	-28.8						
273	30	85.881	141.704		-18.5						

BUOY (7006) 87 Nov					BUOY (7006) 87 Dec						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
306	2	87.798	140.258	1019.5	-31.5	335	1	88.563	146.348	1024.7	-40.5
307	3	87.802	140.027	1016.5	-31.7	336	2	88.592	144.899	1028.5	-42.2
308	4	87.812	140.053	1017.6	-35.2	337	3	88.616	143.882	1029.8	-38.7
309	5	87.852	139.701	1023.2	-32.9	338	4	88.587	141.869	1014.0	-26.2
310	6	87.904	138.749	1029.7	-29.6	339	5	88.566	139.293	1000.3	-19.2
311	7	87.952	137.907	1029.9	-29.4	340	6	88.610	134.181	1000.4	-25.1
312	8	87.986	137.769	1023.7	-27.0	341	7	88.675	129.801	1011.4	-34.7
313	9	88.014	138.314	1022.5	-28.2	342	8	88.718	127.353	1019.9	-37.5
314	10	88.046	139.224	1018.2	-25.7	343	9	88.731	126.549	1026.0	-35.2
315	11	88.056	139.714	1019.9	-33.5	344	10	88.748	127.264	1036.2	-37.5
316	12	88.050	141.046	1016.7	-30.5	345	11	88.762	128.869		-36.0
317	13	88.040	143.557	1022.3	-27.0	346	12	88.779	130.072		-35.3
318	14	88.066	145.327	1029.6	-27.0	347	13	88.810	131.400		-32.9
319	15	88.091	146.575	1034.2	-31.1	348	14	88.850	133.131		-33.2
320	16	88.110	147.450	1038.5	-29.9	349	15	88.911	135.572	1041.5	-32.7
321	17	88.134	147.882		-32.7	350	16	89.032	138.918	1036.6	-29.1
322	18	88.157	149.186	1036.5	-32.0	351	17	89.095	142.100	1035.9	-31.7
323	19	88.183	152.371	1020.6	-26.9	352	18	89.132	145.111	1028.7	-34.6
324	20	88.185	154.076	1011.1	-29.2	353	19	89.148	148.467	1023.6	-37.4
325	21	88.195	153.751	1003.9	-33.5	354	20	89.162	151.259	1020.3	-37.2
328	24	88.492	148.310	1004.1	-32.3	355	21	89.179	153.984	1015.8	-36.2
329	25	88.491	146.865	1003.0	-36.1	356	22	89.198	156.592	1014.0	-32.8
330	26	88.481	146.888	1004.2	-34.2	357	23	89.200	156.861	1019.3	-39.0
331	27	88.475	147.199	1004.3	-38.2	358	24	89.202	157.119	1016.0	-39.9
332	28	88.482	147.316		-42.4	359	25	89.165	159.101	1015.9	-28.3
333	29	88.493	146.671	1012.8	-41.6	360	26	89.098	161.859	1027.7	-29.6
334	30	88.520	147.066	1014.5	-38.3	361	27	89.064	162.662	1032.5	-36.5
						362	28	89.029	163.824	1036.2	-37.4
						363	29	89.033	164.993	1036.8	-38.1
						364	30	89.033	166.010	1038.4	-38.7
						365	31	89.029	167.049	1042.0	-38.8

BUOY 7007

BUOY(7007) 87 Jan					BUOY(7007) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
18	18	84.954	139.112	1021.8	-38.3	32	1	85.366	137.970	1014.8	-32.5*
19	19	84.961	139.535	1022.5	-37.6	33	2	85.388	137.988	1018.0	-33.2
20	20	85.000	140.090	1029.8	-39.5	34	3	85.385	137.929	1024.3	-35.3
21	21	85.094	140.100	1029.4	-33.3*	35	4	85.357	137.972	1021.3	-27.9
22	22	85.172	139.687		-36.4*	36	5	85.327	137.691	1013.0	-24.3
23	23	85.218	139.166	1032.0	-40.0*	38	7	85.340	137.459	1015.5	-39.3
24	24	85.245	138.593	1030.8	-38.5	39	8	85.349	137.363	1018.7	-42.7
25	25	85.258	137.925	1026.1	-39.5	40	9	85.369	138.152	1014.0	-34.2
26	26	85.263	137.322	1028.1	-37.9	41	10	85.399	139.175	1017.1	-31.3
27	27	85.259	136.876	1030.9	-38.6	42	11	85.415	139.442	1032.4	-44.2
28	28	85.269	136.729	1034.3	-39.2	43	12	85.426	139.553	1042.9	-42.2
29	29	85.290	136.637	1030.8	-36.5	44	13	85.437	139.758	1045.2	-39.7
30	30	85.316	136.668		-30.0*	45	14	85.442	139.945	1043.2	-39.7*
31	31	85.331	137.410	1018.9	-28.2*	46	15	85.469	140.033	1032.6	-35.1*
						47	16	85.472	140.096	1027.0	-35.0*
						48	17	85.477	140.040	1029.5	-39.9
						49	18	85.504	139.720	1026.3	-39.7
						50	19	85.542	139.174	1025.4	-40.2
						51	20	85.570	138.737	1029.3	-43.3*
						52	21	85.602	138.315	1031.6	-43.2
						53	22	85.645	137.754	1033.8	-40.7*
						54	23	85.672	136.989	1029.9	-40.4
						55	24	85.710	136.394	1035.1	-44.0
						56	25	85.728	135.780	1028.2	-38.7
						57	26	85.724	135.085	1018.4	-30.1
						58	27	85.700	134.653	1017.3	-30.3
						59	28	85.704	134.668	1023.8	-36.7

BUOY(7007) 87 Mar					BUOY(7007) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	85.753	135.707	1000.7	-29.8	91	1	86.491	119.977	1042.2	-25.4
61	2	85.877	135.946	1012.1	-31.5	92	2	86.513	119.456	1050.1	-29.0
62	3	85.912	134.604	1016.2	-31.9	93	3	86.524	119.240	1051.1	-30.4
63	4	85.921	133.716	1016.2	-37.1	94	4	86.549	119.512	1045.9	-29.7
64	5	85.934	133.165	1014.7	-40.7*	95	5	86.599	119.578	1036.9	-28.3
65	6	85.896	132.654	1012.2	-38.1*	96	6	86.667	119.357	1029.8	-24.3
66	7	85.883	133.379	990.0	-31.5	97	7	86.712	119.202	1032.2	-26.0
67	8	85.952	132.289	990.1	-32.9	98	8	86.747	118.845	1027.2	-25.4
68	9	85.908	129.849	1015.2	-41.8	99	9	86.775	118.698	1026.0	-27.3
69	10	85.869	128.884	1019.9	-43.9	100	10	86.831	118.928	1020.3	-22.7
70	11	85.864	128.102	1007.1	-37.1	101	11	86.908	119.119	1019.2	-18.1
71	12	85.871	126.852	1002.9	-36.1	102	12	86.915	119.091	1020.1	-21.2
72	13	85.889	126.621	1015.7	-41.4	117	27	86.588	123.202	1001.1	-20.0*
73	14	85.912	126.534	1020.5	-42.3	118	28	86.565	122.589	1015.8	-21.5*
74	15	85.935	126.498	1028.2	-43.8	119	29	86.602	122.803	1014.7	-14.9
75	16	85.959	126.462	1035.7	-40.2	120	30	86.657	122.950	1020.8	-13.5
76	17	86.003	126.184	1038.1	-32.9						
77	18	86.068	125.966	1034.3	-34.2						
78	19	86.176	125.890	1028.6	-29.5						
79	20	86.277	125.835	1032.9	-30.0						
80	21	86.340	125.426	1037.8	-34.8						
81	22	86.370	124.970	1040.8	-35.3						
82	23	86.374	124.834	1044.1	-38.5						
83	24	86.361	124.731	1040.8	-36.7						
84	25	86.316	123.493	1025.7	-25.2						
87	28	86.404	121.481	1026.1	-35.0						
88	29	86.435	121.834	1033.5	-33.2						

BUOY 7007

BUOY (7007) 87 May					BUOY (7007) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	86.748	122.721	1022.8	-14.0	152	1	87.339	108.681	1023.2	-5.5
122	2	86.848	122.486	1020.7	-15.0	153	2	87.360	107.430	1024.0	-2.8
123	3	86.947	122.309	1023.2	-16.8	154	3	87.384	106.747	1035.1	-2.7
124	4	87.003	121.933	1025.1	-18.4	155	4	87.387	105.562	1028.5	-2.1
125	5	87.033	120.832	1024.2	-18.3	156	5	87.381	104.430	1020.0	-3.0
126	6	87.059	119.450	1025.0	-16.4	157	6	87.380	104.032	1022.9	-4.7
127	7	87.087	118.079	1025.8	-15.1	158	7	87.432	103.821	1021.4	-0.3
128	8	87.098	117.147	1027.0	-13.0	159	8	87.498	103.186	1023.4	0.4
129	9	87.094	116.727	1027.0	-12.5	160	9	87.543	102.099	1026.4	-0.3
130	10	87.091	116.657	1027.9	-10.7	161	10	87.577	101.004	1024.3	-0.9
131	11	87.091	116.618	1028.4	-12.8	162	11	87.596	99.535	1022.0	-1.2
132	12	87.094	116.422	1028.1	-13.9	163	12	87.606	97.830	1020.3	-1.7
133	13	87.102	116.178	1024.0	-14.5	164	13	87.595	97.074	1013.7	-1.7
134	14	87.107	115.741	1015.6	-14.2	165	14	87.582	96.869	1008.9	-2.5
135	15	87.151	114.498	1007.9	-11.2	166	15	87.550	96.872	1004.0	-0.6
136	16	87.156	113.297	1012.6	-10.3	167	16	87.548	96.586	1001.5	-0.3
137	17	87.161	113.574	1023.8	-9.9	168	17	87.570	94.552	1006.6	-0.6
138	18	87.174	115.809	1025.9	-8.3	169	18	87.586	93.383	1012.9	-1.4
139	19	87.183	116.755	1026.9	-7.9	170	19	87.594	92.685	1015.8	-1.8
140	20	87.215	117.745	1021.6	-7.6	171	20	87.572	92.101	1016.8	-0.3
141	21	87.230	118.363	1016.9	-5.2	172	21	87.569	91.997	1017.8	-0.5
142	22	87.240	118.800	1013.5	-1.7	173	22	87.583	91.521	1018.4	-0.3
143	23	87.247	119.487	1014.0	-1.9	174	23	87.586	90.990	1023.3	0.0
144	24	87.247	119.453	1020.3	-5.6	175	24	87.618	90.285	1028.4	-0.3
145	25	87.260	118.862	1023.3	-9.3	176	25	87.638	88.997	1030.9	1.0
146	26	87.268	118.435	1021.5	-9.9	177	26	87.648	86.777	1024.7	1.3
147	27	87.284	117.696	1021.1	-8.6	178	27	87.655	84.980	1026.1	1.1
148	28	87.305	116.362	1022.4	-11.1	179	28	87.663	82.954	1021.5	0.7
149	29	87.307	114.542	1024.5	-10.8	180	29	87.685	80.710	1013.9	1.0
150	30	87.294	112.523	1021.7	-10.0	181	30	87.747	79.226	1017.8	0.7
151	31	87.312	110.622	1021.5	-5.6						

BUOY (7007) 87 Jul					BUOY (7007) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	87.783	77.986	1023.7	1.1	213	1	88.168	46.391	1021.9	0.2
183	2	87.837	77.772	1030.3	0.8	214	2	88.201	46.298	1027.3	0.8
184	3	87.910	77.134	1025.4	1.3	215	3	88.260	46.742	1030.7	0.5
185	4	87.966	75.734	1022.5	1.1	216	4	88.347	47.934	1029.7	1.5
186	5	88.028	73.749	1013.9	0.5	217	5	88.395	49.632	1026.0	1.0
187	6	88.024	72.640	1007.5	2.3	218	6	88.402	51.269	1020.9	0.9
188	7	88.010	72.313	1007.0	1.4	219	7	88.372	52.019	1020.9	0.0
189	8	87.988	72.353	1012.2	1.3	220	8	88.332	51.240	1022.9	-0.5
190	9	87.984	72.607	1020.2	2.0	221	9	88.351	49.611	1021.4	-1.3
191	10	87.972	72.471	1024.3	1.2	222	10	88.357	48.614	1019.4	-1.0
192	11	87.981	72.186	1018.1	1.3	223	11	88.323	47.676	1016.3	-0.4
193	12	87.995	71.769	1008.5	0.9	224	12	88.294	46.981	1015.4	0.3
194	13	87.977	70.781	1004.1	0.7	225	13	88.241	44.890	1011.0	-0.3
195	14	88.024	68.007	991.7	0.7	226	14	88.207	42.162	1007.4	-0.1
196	15	88.065	66.135	991.6	0.8	227	15	88.178	39.468	1013.6	-0.2
197	16	88.117	65.181	1004.2	0.7	228	16	88.138	38.290	1016.0	-0.6
198	17	88.094	62.513	1005.5	0.3	229	17	88.105	36.218	1015.3	-0.8
199	18	88.035	61.073	1000.1	0.4	230	18	88.093	34.647	1017.0	-0.1
200	19	88.003	61.346	998.9	1.0	231	19	88.093	32.692	1018.1	-0.2
201	20	87.992	59.505	1006.5	0.2	232	20	88.109	29.328	1016.4	-0.9
202	21	87.927	57.854	1006.2	0.6	233	21	88.071	26.798	1014.2	-0.7
203	22	87.885	56.888	1001.8	0.9	234	22	88.008	25.924	1009.3	-3.2
204	23	87.886	56.119	1003.8	0.6	235	23	87.972	25.826	1006.7	-3.7
211	30	88.071	48.299	1019.2	-0.2	236	24	87.952	25.786	1005.9	-4.5
212	31	88.132	46.554	1016.0	0.5	237	25	87.918	25.612	1009.5	-4.0
						238	26	87.887	25.477	1012.4	-2.3
						239	27	87.880	25.545	1014.2	-4.0
						240	28	87.896	25.534	1013.3	-3.2
						241	29	87.893	24.693	1011.5	-3.3
						242	30	87.855	24.782	1015.3	-6.5
						243	31	87.878	25.157	1016.6	-6.8

BUOY 7007

BUOY (7007) 87 Sep					BUOY (7007) 87 Oct						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
244	1	87.855	24.956	1021.3	-7.8	274	1	86.842	34.354	990.1	-21.4
245	2	87.887	24.412	1001.0	-3.0	275	2	86.642	35.211	989.1	-18.7
246	3	87.882	27.178	1018.2	-5.9	276	3	86.572	35.613	988.1	-21.5
247	4	87.920	29.560	1013.8	-4.3	277	4	86.563	35.802	1003.3	-27.4
248	5	87.943	30.854	1012.6	-7.5						
249	6	87.919	30.406	1016.5	-9.4						
250	7	87.892	29.850	1015.9	-11.4						
251	8	87.888	30.027	1015.3	-16.8						
252	9	87.848	29.333	1021.2	-11.7						
253	10	87.836	30.260		-13.9						
254	11	87.855	31.462	1002.3	-11.0						
255	12	87.768	32.919	1013.3	-12.8						
256	13	87.748	32.913	1017.4	-14.3						
257	14	87.748	30.965	1017.2	-10.1						
258	15	87.715	29.208	1015.6	-16.0						
259	16	87.689	28.937	1015.7	-17.2						
260	17	87.634	27.465	1027.3	-14.5*						
261	18	87.537	29.147	1012.5	-5.8						
262	19	87.484	29.444	1011.1	-8.6*						
265	22	87.281	28.708	1011.1	-18.1						
266	23	87.230	28.461	1006.0	-19.5						
267	24	87.191	27.712		-25.8						
268	25	87.124	27.743		-23.5						
269	26	87.114	29.952	1002.2	-17.6						
270	27	87.158	31.243	1006.0	-26.8						
271	28	87.141	31.758	997.3	-30.5						
272	29	87.107	33.967	992.1	-24.9						
273	30	87.110	34.323	987.6	-30.2						

BUOY (7007) 87 Nov					BUOY (7007) 87 Dec						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
313	9	85.533	30.016	1019.9	-36.6	335	1	85.146	25.070	1022.1	-44.1
314	10	85.512	30.021	1018.9	-37.3	336	2	85.096	24.793	1029.2	-42.4
320	16	85.629	28.411	1028.9	-33.9*	337	3	85.021	24.461	1029.0	-38.9
321	17	85.631	27.829	1034.3	-33.6	338	4	84.921	23.395	1025.7	-35.2
324	20	85.737	27.171	1012.4	-34.2	339	5	84.878	23.538	1011.9	-26.5
325	21	85.650	26.160	1002.2	-29.6	340	6	84.824	23.842	1006.3	-18.1*
328	24	85.286	27.596	1015.2	-29.9	341	7	84.772	23.502	1010.9	-29.6*
333	29	85.245	25.205	1003.8	-37.7	342	8	84.711	23.140	1019.1	-38.5
334	30	85.171	24.947	1020.6	-40.4	343	9	84.684	23.076	1026.1	-38.9
						344	10	84.682	22.910	1029.1	-37.3
						345	11	84.691	22.457	1030.7	-37.7
						346	12	84.705	21.752	1032.7	-33.8
						347	13	84.692	20.951	1027.8	-30.6
						348	14	84.658	20.052	1023.7	-30.4
						349	15	84.615	18.896	1021.4	-31.4
						350	16	84.550	17.784	1017.4	-26.6
						351	17	84.511	16.917	1021.0	-27.7
						352	18	84.488	16.372	1020.0	-32.2
						353	19	84.474	16.083	1017.2	-33.9
						354	20	84.468	15.928	1015.3	-33.7
						355	21	84.455	15.812	1009.4	-32.2
						356	22	84.417	15.828	1018.9	-38.9
						357	23	84.395	15.578	1015.0	-29.5
						358	24	84.262	14.562		-27.7
						359	25	84.302	13.694	1003.2	-19.4
						360	26	84.390	12.634	1020.6	-27.9
						361	27	84.401	11.837	1024.6	-35.5
						362	28	84.386	11.086	1027.1	-33.2
						363	29	84.350	10.449	1022.7	-32.6
						364	30	84.330	9.773	1022.9	-34.9
						365	31	84.318	9.235	1028.6	-33.9

BUOY 7011

BUOY (7011) 87 Mar					BUOY (7011) 87 Apr				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
80	21	71.794	-145.538		91	1	72.005	-148.407	
81	22	71.819	-145.675		92	2	72.005	-148.422	
82	23	71.865	-146.006		93	3	72.006	-148.428	
83	24	71.978	-146.520		94	4	72.003	-148.433	
84	25	72.066	-146.927		95	5	72.002	-148.430	
85	26	72.130	-147.212		96	6	72.001	-148.418	
86	27	72.138	-147.247		97	7	71.998	-148.422	
87	28	72.125	-147.316		98	8	72.003	-148.424	
88	29	72.112	-147.590		99	9	72.000	-148.438	
90	31	72.028	-148.336						

BUOY 7021

BUOY (7021) 87 Jan					BUOY (7021) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
3	3	74.486	-143.503	1009.6	-30.6	35	4	74.471	-146.154	1011.5	-26.8
4	4	74.485	-143.500			39	8	74.425	-146.655	1013.4	-31.3
8	8	74.493	-143.913	987.1	-27.0	40	9	74.418	-146.861	1019.1	-32.0
9	9	74.464	-143.867	991.6	-31.5	44	13	74.338	-146.458		
11	11	74.476	-143.577	984.4	-32.0	45	14	74.334	-146.451		-36.5*
12	12	74.463	-143.293	993.3	-32.5	48	17	74.338	-146.438	1024.1	-36.2
13	13	74.448	-142.997	999.1	-28.0	49	18	74.341	-146.511		
14	14	74.450	-142.943	1010.4	-27.5	50	19	74.321	-146.693		
15	15	74.476	-143.004	1010.9	-23.2	52	21	74.303	-147.694	1028.0	-34.3*
16	16	74.501	-143.127	1012.9	-21.2	53	22	74.332	-148.127	1026.6	-30.3
17	17	74.569	-143.508	1001.2	-21.3	54	23	74.326	-148.312	1029.0	-30.2
21	21	74.532	-143.925	1021.6	-20.5*						
22	22	74.569	-144.290	1015.5	-20.3						
23	23	74.660	-145.011	1002.4	-20.2						
26	26	74.708	-145.193		-28.3*						
27	27	74.683	-145.092	1018.6	-30.6						
29	29	74.449	-145.149	1024.3	-30.3						
30	30	74.404	-145.219	1020.9	-31.1						
31	31	74.387	-145.325	1019.8	-32.5						

BUOY (7021) 87 Mar					BUOY (7021) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
67	8	74.257	-147.168	1022.4	-29.0	91	1	74.354	-150.849	1032.6	-27.8
68	9	74.268	-147.106	1024.6	-27.2	92	2	74.328	-151.152	1038.6	-28.3
75	16	74.237	-146.924	1026.8	-30.3	93	3	74.290	-151.382	1037.0	-28.3
76	17	74.224	-146.973	1031.9	-31.8	94	4	74.232	-151.573	1027.7	-27.5
77	18	74.223	-147.073	1040.9	-32.3	95	5	74.204	-151.680	1025.4	-27.5
84	25	74.445	-149.406	1020.6	-20.3*	96	6	74.191	-151.682	1032.8	-27.9
85	26	74.509	-149.627	1022.5	-21.5	97	7	74.190	-151.689	1036.8	-27.5
86	27	74.519	-149.677	1020.9	-21.4	98	8	74.191	-151.682	1034.2	-27.1
						99	9	74.187	-151.676	1031.0	-25.7
						100	10	74.187	-151.678	1027.8	-25.7
						101	11	74.179	-151.681	1027.8	-25.3
						102	12	74.160	-151.674	1026.8	-24.8
						106	16	74.053	-151.929	1004.8	-21.7
						107	17	74.003	-152.054	1007.4	-22.4
						108	18	73.997	-152.045	1011.6	-22.2
						109	19	73.998	-152.050	1017.2	-21.8
						110	20	74.014	-152.080	1017.8	-18.0
						111	21	74.019	-152.099	1019.8	-19.3
						112	22	74.015	-152.071	1024.8	-20.0
						113	23	74.016	-151.980	1023.1	-19.5
						114	24	74.014	-151.883	1015.9	-22.3
						115	25	73.999	-151.643	1008.3	-20.5
						116	26	73.988	-151.299	1007.5	-17.7
						117	27	74.000	-150.981	1001.9	-16.1
						118	28	74.018	-150.805	1006.6	-16.0
						119	29	74.026	-150.807	1014.3	-15.5
						120	30	74.029	-151.045	1015.6	-13.5

BUOY 7021

BUOY (7021) 87 May					BUOY (7021) 87 Jun						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
121	1	74.018	-151.449	1020.6	-15.0	152	1	74.535	-156.608	1018.8	-1.1
122	2	74.012	-151.854	1023.0	-16.5	153	2	74.590	-157.006	1025.5	-0.3
123	3	74.002	-152.180	1022.0	-16.4	154	3	74.670	-157.343	1031.7	-1.3
124	4	74.000	-152.429	1024.5	-16.0	155	4	74.731	-157.477	1034.2	-1.4
125	5	74.012	-152.631	1027.8	-15.7	156	5	74.748	-157.482	1030.8	-1.4
126	6	74.061	-152.864	1021.7	-14.8*	157	6	74.738	-157.481	1021.7	-0.7
127	7	74.130	-153.133	1012.3	-10.4	158	7	74.741	-157.713	1017.7	0.3
128	8	74.189	-153.147	1013.7	-6.5	159	8	74.782	-158.144	1019.1	0.2
129	9	74.238	-153.111	1012.8	-5.8	160	9	74.831	-158.612	1021.0	-1.2
130	10	74.302	-153.161	1014.2	-5.6	161	10	74.834	-159.062	1016.9	-2.5
131	11	74.348	-153.279	1017.7	-5.3	162	11	74.818	-159.557	1011.5	-1.6
132	12	74.363	-153.402	1018.5	-6.6	163	12	74.797	-160.036	1007.4	-2.4
133	13	74.357	-153.501	1021.8	-6.8	164	13	74.779	-160.257	1008.8	-1.9
134	14	74.336	-153.557	1027.0	-7.1	165	14	74.778	-160.281	1013.5	-1.0
135	15	74.308	-153.527	1027.6	-7.2	166	15	74.841	-160.232	1012.0	-0.1
136	16	74.277	-153.432	1029.0	-6.3	167	16	74.925	-160.258	1006.9	0.6
137	17	74.243	-153.488	1027.7	-5.5	168	17	74.974	-160.360	1005.6	0.7
138	18	74.255	-153.630	1027.4	-5.5	169	18	75.022	-160.628	999.7	0.8
139	19	74.304	-153.747	1022.0	-5.7	170	19	75.059	-160.785	1005.2	0.8
140	20	74.339	-153.850	1019.9	-5.1	171	20	75.079	-160.964	1007.8	0.8
141	21	74.341	-153.984	1023.0	-5.7	172	21	75.123	-161.075	1011.4	1.1
142	22	74.349	-154.117	1022.7	-6.1	173	22	75.156	-161.183	1014.7	1.0
143	23	74.376	-154.358	1019.4	-6.5	174	23	75.169	-161.313	1021.6	0.9
144	24	74.398	-154.617	1017.1	-7.0	175	24	75.207	-161.541	1025.8	1.0
145	25	74.407	-154.800	1013.5	-7.3	176	25	75.249	-161.722	1029.4	0.8
146	26	74.432	-155.036	1009.4	-7.5	177	26	75.265	-161.890	1026.0	0.8
147	27	74.480	-155.308	1009.1	-4.3	178	27	75.262	-162.126	1017.9	0.8
148	28	74.494	-155.518	1010.1	-3.0	179	28	75.272	-162.450	1017.9	0.5
149	29	74.472	-155.743	1012.9	-2.7						
150	30	74.466	-156.061	1014.9	-2.0						
151	31	74.500	-156.320	1016.9	-2.2						

BUOY (7021) 87 Jul					BUOY (7021) 87 Aug						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
183	2	75.468	-164.135	1025.7	0.6	213	1	75.637	-165.603	1037.4	
184	3	75.490	-164.426	1028.2	0.7	214	2	75.649	-165.730	1033.7	
185	4	75.505	-164.682	1030.9	0.5	217	5	75.768	-166.707	1018.6	
186	5	75.513	-164.837	1030.9	0.8	218	6	75.751	-166.882	1013.6	
187	6	75.514	-164.876	1026.9	1.0	219	7	75.751	-166.850	1012.4	
188	7	75.533	-164.883	1021.8	0.8						
191	10	75.699	-164.797	1013.4	0.5*						
192	11	75.746	-164.799	1016.1	0.7						
193	12	75.816	-164.777	1014.1	0.3						
194	13	75.813	-164.715	1016.9	0.6						
195	14	75.814	-164.684	1010.5	0.6						
196	15	75.815	-164.806	1012.8	0.4						
197	16	75.798	-164.881	1018.2	1.1						
198	17	75.783	-164.685	1016.8	0.8						
199	18	75.760	-164.539	1017.5	0.9						
200	19	75.753	-164.386	1019.6	1.5						
201	20	75.775	-164.330	1017.2	1.5						
202	21	75.828	-164.394	1009.8	0.8						
203	22	75.844	-164.446	1006.8	1.3						
204	23	75.827	-164.422	1007.6	0.7						
211	30	75.658	-165.269	1032.1	0.6						
212	31	75.635	-165.469	1035.5	0.9*						

BUOY 7022

BUOY (7022) 87 Jan					BUOY (7022) 87 Feb					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
1	1	78.497	-151.148	1031.0	-30.3	33	2	78.272	-153.812	
6	6	78.401	-150.974		-33.7*	34	3	78.253	-153.787	
7	7	78.424	-151.008	998.4	-32.3	35	4	78.257	-153.833	
8	8	78.394	-151.192	994.6	-36.5	36	5	78.268	-153.863	1014.5 -31.4*
9	9	78.365	-151.153	990.0	-37.9	37	6	78.259	-153.819	
10	10	78.375	-151.114	983.7	-38.3	44	13	78.050	-153.438	1031.6 -33.8*
15	15	78.378	-150.891			45	14	78.001	-153.457	
18	18	78.493	-151.657	1006.3	-26.0	51	20	77.986	-153.725	
19	19	78.477	-151.974	1016.7	-27.1	52	21	78.015	-153.948	
25	25	78.567	-154.016	1002.7	-28.5					
26	26	78.570	-153.841	1011.0	-29.1					
27	27	78.530	-153.778	1019.5	-30.5					
28	28	78.417	-153.718	1032.4	-31.5					

BUOY (7022) 87 Mar					BUOY (7022) 87 Apr					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
61	2	78.119	-154.377	1032.6	-36.3	92	2	78.295	-156.813	1045.4 -29.1
64	5	78.245	-154.022	1012.6	-31.8	93	3	78.258	-156.949	1043.2 -27.0
65	6	78.268	-153.851	1007.1	-32.1	94	4	78.195	-157.087	1033.1 -27.2
70	11	78.339	-153.513	1001.8	-22.7*	95	5	78.158	-157.270	1031.0 -28.3
74	15	78.244	-152.888	1020.5	-30.1	96	6	78.144	-157.247	1030.8 -27.4
80	21	78.177	-153.576	1042.1	-33.3*	97	7	78.144	-157.208	1035.9 -27.0
83	24	78.332	-155.234	1026.1	-23.7	98	8	78.137	-157.117	1034.5 -26.8
						99	9	78.134	-157.079	1035.1 -26.4
						100	10	78.135	-157.027	1030.7 -26.5
						101	11	78.127	-157.020	1033.5 -26.6
						102	12	78.106	-156.896	1026.2 -24.7
						103	13	78.090	-156.874	1021.6 -23.8
						106	16	78.045	-157.279	1016.5 -25.2
						107	17	78.012	-157.271	1009.6 -24.6
						108	18	78.006	-157.252	1008.2 -25.9
						109	19	78.029	-157.218	1017.9 -26.0
						110	20	78.054	-157.272	1018.9 -24.7
						111	21	78.055	-157.286	1019.8 -23.9
						112	22	78.055	-157.224	1021.4 -23.2
						113	23	78.056	-157.092	1017.9 -23.2
						114	24	78.037	-156.986	1011.3 -24.8
						115	25	78.022	-156.642	997.8 -21.3
						116	26	78.017	-156.303	994.2 -19.1
						117	27	78.023	-156.042	992.9 -18.5
						118	28	78.041	-155.902	997.7 -16.5
						119	29	78.046	-155.882	1013.7 -17.5
						120	30	78.060	-156.048	1022.6 -18.9

BUOY 7022

BUOY (7022) 87 May					BUOY (7022) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	78.055	-156.291	1028.6	-19.1	152	1	78.560	-158.978	1025.9	-3.9
122	2	78.056	-156.523		-18.3*	153	2	78.620	-159.151	1032.6	-3.5
123	3	78.057	-156.738	1029.2	-18.4	154	3	78.684	-159.316	1036.2	-2.9
124	4	78.062	-156.909	1028.8	-17.8	155	4	78.759	-159.376	1033.3	-2.6
125	5	78.076	-157.017	1031.7	-17.0	156	5	78.796	-159.143	1025.7	-1.3
126	6	78.124	-157.171	1028.0	-16.5	157	6	78.775	-158.974	1020.1	0.3
127	7	78.184	-157.505	1019.8	-15.7	158	7	78.764	-159.228	1022.7	1.3
128	8	78.241	-157.852	1013.2	-13.6	159	8	78.778	-159.520	1025.0	1.9
129	9	78.279	-158.006	1011.7	-10.0	160	9	78.817	-159.728	1026.0	1.0
130	10	78.311	-158.157	1012.7	-8.4	161	10	78.833	-159.987	1023.6	0.3
131	11	78.318	-158.256	1019.3	-8.1	162	11	78.849	-160.269	1019.3	-0.2
132	12	78.327	-158.351	1019.1	-8.5	163	12	78.852	-160.532	1011.8	-1.2
133	13	78.335	-158.367	1022.6	-8.2	164	13	78.828	-160.620	1007.7	-0.9
134	14	78.334	-158.240	1024.0	-7.1	165	14	78.816	-160.381	1010.5	-1.4
135	15	78.317	-158.006	1021.1	-6.2	166	15	78.876	-160.050	1010.9	-1.4
136	16	78.287	-157.449	1022.0	-6.5	167	16	78.965	-159.894	1010.7	-0.2
137	17	78.208	-157.271	1027.2	-7.3	168	17	79.016	-159.929	1010.8	1.2
138	18	78.191	-157.313	1027.9	-6.3	169	18	79.065	-160.358	1005.8	1.1
139	19	78.191	-157.378	1024.5	-6.4	170	19	79.126	-160.610	1008.0	1.6
140	20	78.201	-157.568	1025.4	-6.2	171	20	79.168	-160.641	1011.9	3.0
141	21	78.212	-157.672	1026.0	-6.3	172	21	79.196	-160.710	1013.3	2.3
142	22	78.221	-157.665	1025.2	-6.3	173	22	79.223	-160.785	1017.0	2.7
143	23	78.257	-157.681	1022.6	-6.3	174	23	79.233	-160.852	1025.0	5.5
144	24	78.272	-157.710	1019.6	-5.5	175	24	79.243	-161.029	1030.8	4.4
145	25	78.272	-157.806	1015.9	-5.0	176	25	79.274	-161.137	1032.4	3.9
146	26	78.309	-157.945	1013.3	-4.1	177	26	79.295	-161.246	1029.9	2.7
147	27	78.376	-158.183	1014.1	-4.4	178	27	79.303	-161.514	1025.2	2.0
148	28	78.446	-158.419	1014.3	-5.5	179	28	79.302	-161.813	1023.8	2.3
149	29	78.453	-158.530	1018.7	-4.1	180	29	79.304	-162.009	1026.0	3.5
150	30	78.463	-158.691	1022.0	-4.4	181	30	79.318	-162.093	1032.4	3.7
151	31	78.508	-158.846	1022.5	-3.9						

BUOY (7022) 87 Jul					BUOY (7022) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	79.350	-162.236	1033.4	3.4	213	1	79.505	-160.253	1036.4	
183	2	79.380	-162.435	1031.6	3.6	214	2	79.484	-160.077	1033.7	
184	3	79.398	-162.607	1032.7	4.6	215	3	79.459	-160.036	1029.2	
185	4	79.405	-162.777	1033.0	4.5	216	4	79.450	-160.336	1026.9	
186	5	79.414	-162.809	1030.2	3.6	217	5	79.409	-160.516	1017.7	
187	6	79.418	-162.597	1023.0	3.4	218	6	79.391	-160.641	1011.7	
188	7	79.433	-162.326	1019.8	3.5	219	7	79.430	-160.463	1009.0	
189	8	79.480	-162.176	1015.0	3.6	220	8	79.475	-160.194	1013.2	
190	9	79.573	-162.207	1007.8	2.6	221	9	79.505	-159.935	1019.0	
191	10	79.621	-162.074	1011.8	1.5	222	10	79.572	-159.371	1018.5	
192	11	79.650	-161.876	1016.7	2.2	223	11	79.677	-158.531	1018.4	
193	12	79.700	-161.768	1013.0	1.4	224	12	79.783	-158.249	1013.2	
194	13	79.687	-161.485	1010.9	1.1	225	13	79.871	-158.332	1013.4	
195	14	79.688	-161.199	1010.9	1.7	226	14	79.924	-158.680	1016.0	
196	15	79.684	-161.310	1013.9	1.5	227	15	79.972	-159.122	1016.8	
197	16	79.663	-161.186	1013.1	2.0	228	16	80.000	-159.604	1017.2	
198	17	79.649	-160.999	1011.8	1.4	229	17	80.000	-159.882	1018.1	
199	18	79.646	-160.780	1010.5	2.3	230	18	80.008	-160.008	1018.8	
200	19	79.625	-160.338	1013.3	1.2	231	19	80.010	-160.293	1016.8	
201	20	79.621	-159.899	1014.6	1.9	232	20	80.011	-160.656	1016.6	
202	21	79.651	-159.591	1012.6	2.9	233	21	80.132	-160.754	1004.3	
203	22	79.709	-159.498	1008.6	2.8	234	22	80.181	-160.274	1002.0	
204	23	79.744	-159.541	1003.5	1.9	235	23	80.157	-159.551	1005.5	
211	30	79.567	-160.411	1032.9	2.4	236	24	80.137	-159.112	1010.1	
212	31	79.531	-160.427	1035.9	2.9*	237	25	80.148	-158.786	1012.7	
						238	26	80.209	-158.447	997.0	
						239	27	80.172	-157.982	996.2	
						240	28	80.056	-158.276	1013.1	
						241	29	79.978	-158.366	1016.7	
						242	30	79.983	-158.053	1007.5	
						243	31	79.815	-157.301	998.3	

BUOY 7022

BUOY (7022) 87 Sep				BUOY (7022) 87 Oct					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
244	1	79.712	-157.789		274	1	80.965	-151.303	1006.8
245	2	79.645	-157.657	1010.5	275	2	80.994	-150.722	1004.0
246	3	79.572	-157.201	993.3	276	3	80.979	-150.151	1012.7
247	4	79.612	-157.021	994.4	277	4	80.968	-149.490	1024.6
248	5	79.683	-157.094	1004.2	278	5	81.018	-148.981	1020.2
249	6	79.687	-157.084		279	6	81.095	-148.430	
250	7	79.694	-156.759	996.2	280	7	81.055	-148.352	1023.8
251	8	79.812	-156.554	991.3	281	8	81.103	-148.251	1016.0
252	9	79.851	-156.178	994.8	284	11	81.178	-146.458	1005.8
253	10	79.889	-155.739	998.7					
254	11	80.011	-155.680	996.2					
255	12	80.049	-155.351	1004.2					
256	13	80.119	-155.718	996.1					
257	14	80.162	-155.921	993.2					
258	15	80.278	-156.038	999.7					
259	16	80.385	-156.057	1005.8					
260	17	80.533	-156.252	1002.5					
261	18	80.627	-156.064	999.1					
262	19	80.724	-155.606	1008.4					
263	20	80.878	-155.167	1007.8					
264	21	80.978	-154.985	1011.6					
265	22	80.956	-155.181	1015.1					
266	23	80.927	-154.957	1020.3					
267	24	80.903	-154.373	1023.5					
268	25	80.908	-154.016	1020.6					
269	26	80.903	-153.626	1016.6					
270	27	80.867	-152.981	1012.5					
271	28	80.866	-152.413	1007.5					
272	29	80.895	-152.053	1004.6					
273	30	80.933	-151.383	1002.7					

BUOY 7024

BUOY(7024) 87 Apr					BUOY(7024) 87 May						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
120	30	71.012	-143.255	1007.2	-9.8	121	1	71.015	-143.350	1012.9	-9.9
						122	2	71.027	-143.536	1014.3	-10.3
						123	3	71.028	-143.601	1014.3	-10.6
						124	4	71.025	-143.614	1017.8	-10.9
						125	5	71.026	-143.615	1024.0	-10.9
						126	6	71.056	-143.666	1019.7	-10.0
						127	7	71.115	-143.829	1013.8	-8.6
						128	8	71.140	-143.894	1018.4	-7.6
						129	9	71.152	-143.980	1015.8	-7.3
						130	10	71.217	-144.203	1015.7	-7.0
						131	11	71.329	-144.520	1016.4	-6.6
						132	12	71.415	-144.924	1015.3	-6.6
						133	13	71.431	-145.283	1017.6	-6.4
						136	16	71.396	-145.474	1031.3	-6.5
						137	17	71.393	-145.473	1027.3	-5.6
						138	18	71.398	-145.560	1028.1	-5.8
						139	19	71.425	-145.818	1023.3	-5.7
						140	20	71.458	-146.000	1019.1	-5.3
						141	21	71.460	-146.063	1021.5	-5.0
						142	22	71.460	-146.294	1020.0	-5.2
						143	23	71.476	-146.697	1015.2	-5.1
						144	24	71.505	-147.131	1012.6	-5.3*
						145	25	71.520	-147.391	1009.4	-5.5
						146	26	71.540	-147.698	1006.0	-5.1
						147	27	71.553	-148.106	1002.8	-4.4
						149	29	71.562	-148.615	1006.6	-3.3
						150	30	71.580	-148.892	1011.0	-2.9
						151	31	71.599	-149.220	1012.5	-2.7

BUOY(7024) 87 Jun					
LAT (N)	LON (+E,-W)	P (MB)	T (C)		
158	7	71.712	-152.086	1012.4	-1.4*
159	8	71.770	-152.627	1013.8	-1.2
160	9	71.837	-153.277	1012.6	-1.3
161	10	71.859	-154.197	1008.0	-1.5
162	11	71.838	-155.055	1001.8	-1.5
163	12	71.790	-155.914	1000.5	-1.4*
164	13	71.736	-156.427	1006.9	-1.4
168	17	71.784	-157.296	1000.8	-0.7
169	18	71.803	-157.650	998.2	-0.4

BUOY 7025

BUOY(7025) 87 Jun		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(7025) 87 Jul		LAT (N)	LON (+E,-W)	P (MB)	T (C)
165	14	82.902	-140.202			182	1	82.957	-138.216		
166	15	82.846	-139.321			183	2	82.921	-138.075		
167	16	82.878	-138.593			184	3	82.894	-138.145		
168	17	82.918	-138.319			185	4	82.868	-138.165		
169	18	82.929	-138.246			186	5	82.842	-138.071		
170	19	82.970	-138.285			187	6	82.811	-137.646		
171	20	83.014	-138.271			188	7	82.767	-137.110		
172	21	83.037	-138.258			191	10	82.780	-136.287		
173	22	83.057	-138.281			192	11	82.767	-136.129		
174	23	83.067	-138.300			193	12	82.722	-135.661		
175	24	83.051	-138.306			194	13	82.717	-135.415		
176	25	83.031	-138.447			195	14	82.698	-135.599		
177	26	83.038	-138.437			196	15	82.670	-135.583		
178	27	83.038	-138.457			197	16	82.679	-135.265		
179	28	83.020	-138.559			198	17	82.692	-135.253		
180	29	83.004	-138.541			199	18	82.693	-135.043		
181	30	82.980	-138.400			200	19	82.679	-134.686		
						201	20	82.660	-134.653		
						202	21	82.656	-134.414		
						203	22	82.660	-134.066		
						204	23	82.714	-133.827		
						211	30	82.560	-133.889		
						212	31	82.491	-134.034		

2.6*

BUOY(7025) 87 Aug		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(7025) 87 Sep		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	82.411	-133.826	1025.7		244	1	82.390	-134.375	1003.2	
214	2	82.329	-133.617	1023.4		245	2	82.293	-134.902	1001.5	
217	5	82.130	-134.683	1014.4		246	3	82.294	-134.900	997.6	
218	6	82.138	-134.704	1014.3		247	4	82.352	-135.145	1005.3	
219	7	82.155	-134.628	1015.6		248	5	82.358	-135.065	1006.2	
220	8	82.203	-134.407	1019.4		249	6	82.399	-134.618	1002.2	
221	9	82.234	-134.167	1019.2		250	7	82.411	-134.568	999.4	
222	10	82.252	-133.869	1021.5		251	8	82.465	-134.295	1005.0	
223	11	82.319	-133.045	1022.2		252	9	82.580	-134.567	994.2	
224	12	82.386	-132.476	1020.8		253	10	82.525	-134.052	999.0	
225	13	82.442	-132.317	1020.0		254	11	82.567	-133.231	1006.2	
226	14	82.461	-132.331	1021.2		255	12	82.665	-132.709	1005.0	
227	15	82.460	-132.504	1020.7		256	13	82.719	-132.627	1010.8	
228	16	82.448	-132.760	1019.3		257	14	82.808	-132.970	1006.0	
229	17	82.438	-132.876	1020.0		258	15	82.832	-133.077	1007.4	
230	18	82.424	-132.933	1020.6		259	16	82.888	-132.692	1019.1	
231	19	82.411	-133.187	1019.6		260	17	82.954	-132.723	1007.8	
232	20	82.403	-133.593	1019.5		261	18	82.974	-132.403	1010.6	
233	21	82.411	-133.539	1014.0		262	19	82.991	-132.161	1012.6	
234	22	82.446	-133.403	1003.1		263	20	83.031	-131.626	1015.8	
235	23	82.467	-133.193	1002.1		264	21	83.087	-131.313	1014.7	
236	24	82.448	-132.672	1004.4		265	22	83.090	-131.371	1013.1	
237	25	82.407	-132.373	1011.0		266	23	83.058	-131.492	1016.0	
238	26	82.443	-132.217	1001.7		267	24	83.016	-131.002	1018.7	
239	27	82.497	-132.212	993.7		268	25	82.985	-130.428	1016.7	
240	28	82.476	-132.764	1004.4		269	26	82.963	-129.871	1009.8	
241	29	82.409	-133.455	1009.5		270	27	82.945	-129.509	1010.0	
242	30	82.345	-133.799	1008.0		271	28	82.948	-129.472	1004.8	
243	31	82.427	-133.768	1002.1		272	29	82.937	-128.891	1003.7	
						273	30	82.965	-128.302	1001.9	

BUOY 7025

BUOY (7025) 87 Oct					BUOY (7025) 87 Nov				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	82.984	-128.214	1004.8	305	1	83.214	-120.802	1016.4
275	2	83.021	-127.562	1000.2	306	2	83.213	-120.795	1018.0
276	3	83.014	-127.056	1005.8	307	3	83.215	-120.798	1016.9
277	4	83.003	-126.671	1016.3	308	4	83.214	-120.803	1020.5
278	5	82.999	-126.016	1020.6	309	5	83.213	-120.811	1025.4
279	6	83.052	-125.206	1000.7	310	6	83.213	-120.797	1032.7
280	7	83.017	-125.126	1015.0	311	7	83.188	-120.853	1037.5
281	8	83.036	-124.984	1023.5	312	8	83.138	-120.738	1033.2
282	9	83.121	-124.600	1004.9	313	9	83.135	-120.581	1024.8
283	10	83.159	-124.065	1002.4	314	10	83.118	-120.523	1023.0
284	11	83.171	-123.582	1005.8	315	11	83.118	-120.512	1016.6
285	12	83.186	-122.594	999.6	316	12	83.109	-120.547	1013.2
286	13	83.184	-121.788	1006.8	317	13	83.103	-120.568	1013.9
287	14	83.184	-121.735	1013.2	318	14	83.089	-120.707	1019.0
288	15	83.189	-121.715	1017.8	319	15	83.025	-121.092	1024.0
289	16	83.215	-121.710	1017.1	320	16	82.946	-121.532	1031.2
290	17	83.232	-121.663	1014.8	321	17	82.888	-121.867	1035.5
291	18	83.253	-121.452	1019.0	322	18	82.826	-122.155	1028.4
292	19	83.276	-121.131	1022.1	323	19	82.757	-122.193	1025.2
293	20	83.280	-121.107	1028.9	324	20	82.692	-121.774	1014.4
294	21	83.282	-121.103	1033.0	325	21	82.700	-121.419	1012.8
295	22	83.286	-121.163	1032.7	328	24	82.772	-120.800	1009.6
296	23	83.283	-121.248	1019.3	329	25	82.773	-120.800	1006.3
297	24	83.276	-121.164	1003.5	330	26	82.787	-120.785	1000.4
298	25	83.282	-121.166	1006.5	331	27	82.795	-120.773	998.6
299	26	83.305	-121.255	1010.8	332	28	82.794	-120.734	999.7
300	27	83.352	-121.637	1006.4	333	29	82.802	-120.721	1007.6
301	28	83.349	-121.738	1008.6	334	30	82.804	-120.732	1014.5
302	29	83.271	-121.599	1018.3					
303	30	83.216	-121.427	1028.0					
304	31	83.198	-120.918	1022.8					

BUOY (7025) 87 Dec				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1	82.800	-120.848	1020.3
336	2	82.804	-121.150	1022.9
337	3	82.848	-121.490	1020.7
338	4	82.934	-121.645	1010.2
339	5	83.014	-121.461	1004.1
340	6	82.995	-121.201	1011.3
341	7	82.965	-121.263	1014.2
342	8	82.962	-121.532	1012.0
343	9	82.946	-121.542	1018.5
344	10	82.918	-121.742	1023.8
345	11	82.880	-122.343	1024.5
346	12	82.818	-123.055	1027.1
347	13	82.721	-123.530	1026.0
348	14	82.641	-123.767	1026.6
349	15	82.591	-123.947	1031.6
350	16	82.545	-124.098	1037.7
351	17	82.484	-124.267	1031.8
352	18	82.427	-124.489	1023.6
353	19	82.372	-124.623	1018.8
354	20	82.336	-124.662	1018.3
355	21	82.319	-124.596	1020.6
356	22	82.316	-124.506	1019.7
357	23	82.317	-124.482	1022.1
358	24	82.316	-124.473	1019.3
359	25	82.315	-124.473	1015.2
360	26	82.324	-124.570	1006.5
361	27	82.357	-125.161	1004.2
362	28	82.363	-125.283	
363	29	82.348	-125.208	
364	30	82.351	-125.264	

BUOY 7026

BUOY (7026) 87 Jun				BUOY (7026) 87 Jul			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
166	15	78.801	-124.675	182	1	78.698	-125.272
167	16	78.748	-124.511	183	2	78.654	-125.427
168	17	78.749	-124.332	184	3	78.574	-125.667
169	18	78.752	-124.270	185	4	78.481	-125.946
170	19	78.752	-124.272	186	5	78.417	-126.216
171	20	78.749	-124.277	187	6	78.353	-126.288
172	21	78.752	-124.277	188	7	78.288	-126.279
173	22	78.772	-124.234	191	10	78.169	-126.196
174	23	78.779	-124.161	194	13	78.031	-126.133
175	24	78.763	-124.227	195	14	77.974	-125.927
176	25	78.753	-124.373	196	15	77.947	-125.854
177	26	78.766	-124.603	197	16	77.949	-125.800
178	27	78.776	-124.886	198	17	77.923	-125.559
179	28	78.771	-125.041	199	18	77.907	-125.511
180	29	78.758	-125.070	200	19	77.878	-125.480
181	30	78.731	-125.130	201	20	77.821	-125.335
				202	21	77.765	-125.326
				203	22	77.741	-125.336
				204	23	77.752	-125.307
				211	30	77.695	-125.712
				212	31	77.623	-126.062

BUOY (7026) 87 Aug				BUOY (7026) 87 Sep				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)	
213	1	77.538	-126.190	245	2	75.668	-126.148	1000.8
214	2	77.437	-126.314	248	5	75.537	-126.066	1001.4
217	5	77.177	-126.992	249	6	75.502	-126.028	1007.7
218	6	77.142	-127.119	250	7	75.467	-125.812	1008.4
219	7	77.095	-127.173	251	8	75.470	-126.012	1002.8
220	8	77.034	-127.197	260	17	75.434	-125.614	1013.4
221	9	76.987	-127.121	261	18	75.413	-125.670	1010.0
222	10	76.946	-127.066	267	24	75.103	-126.038	1013.0
223	11	76.903	-127.050	268	25	75.078	-126.237	1017.5
224	12	76.860	-127.041	269	26	75.076	-126.571	1014.3
225	13	76.817	-127.038					
226	14	76.780	-127.059					
227	15	76.754	-127.166					
228	16	76.735	-127.192					
229	17	76.710	-127.175					
230	18	76.676	-127.149					
231	19	76.660	-127.100					
232	20	76.651	-127.114					
233	21	76.615	-127.072					
234	22	76.584	-127.003					
235	23	76.526	-126.971					
236	24	76.492	-126.920					
237	25	76.470	-126.936					
238	26	76.444	-126.802					
239	27	76.384	-126.534					
240	28	76.307	-126.374					998.3
242	30	76.007	-126.563					1006.3

BUOY 7026

BUOY (7026) 87 Oct					BUOY (7026) 87 Nov				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	74.781	-127.168	1006.7	306	2	73.942	-131.140	1007.2
275	2	74.706	-127.512	1002.6	307	3	73.836	-131.525	1008.5
279	6	74.452	-127.794	1030.6	310	6	73.606	-131.831	1032.0
280	7	74.405	-127.573	1024.0	311	7	73.568	-132.075	1034.2
281	8	74.395	-127.571	1025.7	315	11	73.281	-132.876	1027.1
282	9	74.433	-127.493	1016.7	316	12	73.204	-132.936	1024.8
283	10	74.394	-127.428	1011.9	320	16	72.954	-133.174	1022.3
284	11	74.351	-127.510	1016.0	324	20	72.733	-134.227	1026.2
285	12	74.292	-127.575	1017.4	325	21	72.678	-134.659	1026.6
288	15	74.220	-127.742	1022.1	330	26	72.380	-135.278	1016.2
289	16	74.265	-127.889	1018.6	333	29	72.266	-135.731	996.9
292	19	74.306	-128.043	1029.7	334	30	72.207	-135.835	1002.0
293	20	74.332	-128.222	1027.9					
294	21	74.367	-128.478	1023.9					
297	24	74.463	-129.456	994.5					
298	25	74.500	-129.844	990.3					
301	28	74.328	-129.806						
302	29	74.220	-129.912	1011.8					

BUOY (7026) 87 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)
335	1	72.207	-136.010	994.8
336	2	72.222	-136.158	995.6
337	3	72.258	-136.343	995.9
338	4	72.279	-136.373	999.2
342	8	72.208	-136.500	1001.8
348	14	72.184	-137.189	1029.9
350	16	72.148	-137.499	1016.8
353	19	72.150	-138.819	1012.6
354	20	72.125	-139.137	1007.2
355	21	72.133	-139.718	1003.5
356	22	72.137	-140.187	1012.9
359	25	72.232	-141.190	993.4
360	26	72.235	-141.398	995.9
361	27	72.192	-141.203	1016.1
362	28	72.174	-141.038	1033.3
363	29	72.231	-141.169	1022.6
364	30	72.277	-141.324	1020.7

BUOY 7027

BUOY (7027) 87 Jun				BUOY (7027) 87 Jul			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
166	15	73.892	-130.149	182	1	73.630	-131.837
167	16	73.876	-130.168	183	2	73.594	-131.997
169	18	73.882	-130.339	186	5	73.440	-132.532
170	19	73.902	-130.442	187	6	73.374	-132.651
171	20	73.914	-130.552	188	7	73.309	-132.726
172	21	73.914	-130.655	189	8	73.265	-132.769
173	22	73.910	-130.751	190	9	73.243	-132.824
174	23	73.892	-130.789	191	10	73.240	-132.854
175	24	73.852	-130.820	192	11	73.224	-132.856
176	25	73.804	-131.039	193	12	73.169	-132.915
177	26	73.777	-131.329	194	13	73.134	-132.951
178	27	73.770	-131.421	195	14	73.108	-132.959
179	28	73.735	-131.465	196	15	73.094	-132.968
180	29	73.707	-131.529	197	16	73.057	-132.954
181	30	73.667	-131.645	198	17	73.015	-133.058
				200	19	72.853	-133.267
				201	20	72.814	-133.351
				202	21	72.800	-133.481
				203	22	72.832	-133.643
				204	23	72.850	-133.658
				211	30	72.755	-134.432
				212	31	72.747	-134.773

2.6*

BUOY (7027) 87 Aug				BUOY (7027) 87 Sep					
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)		
213	1	72.744	-134.908	1032.9	244	1	71.841	-135.317	1007.8
214	2	72.731	-134.904	1029.2	245	2	71.803	-135.482	1009.5
217	5	72.674	-135.054	1011.2	246	3	71.810	-135.668	1007.7
218	6	72.690	-135.124	1009.5	247	4	71.880	-135.977	994.8
219	7	72.703	-135.289	1016.8	248	5	71.833	-136.165	1005.1
220	8	72.718	-135.418	1023.1	253	10	71.787	-136.462	1010.9
221	9	72.743	-135.499	1022.0	254	11	71.782	-136.692	1011.0
222	10	72.738	-135.557	1028.1	255	12	71.812	-136.796	1004.6
223	11	72.749	-135.625	1029.6	256	13	71.794	-136.896	1008.4
224	12	72.769	-135.683	1020.9	257	14	71.769	-136.914	1013.0
225	13	72.808	-135.841	1015.9	258	15	71.809	-137.103	1011.2
226	14	72.815	-135.899	1010.1	259	16	71.816	-137.523	1011.1
227	15	72.818	-135.930	1010.5	260	17	71.829	-137.811	1008.9
228	16	72.793	-135.963	1015.8	261	18	71.851	-138.119	1004.3
229	17	72.774	-135.976	1018.0	262	19	71.830	-138.472	1011.7
230	18	72.765	-135.995	1016.7	263	20	71.869	-138.797	1008.3
231	19	72.749	-136.106	1012.1	266	23	71.948	-138.852	1023.2
232	20	72.718	-136.216	1019.7	267	24	71.996	-139.148	1018.8
233	21	72.680	-136.143	1019.6	268	25	72.154	-139.618	1007.4
234	22	72.649	-136.064	1014.0	269	26	72.212	-140.187	1009.2
237	25	72.584	-135.909	1021.2	270	27	72.204	-140.753	1017.4
238	26	72.585	-135.893	1013.8	271	28	72.204	-141.044	1022.5
239	27	72.529	-135.780	1013.9	272	29	72.292	-141.354	1015.9
240	28	72.394	-135.602	1011.7	273	30	72.392	-141.818	1005.4
241	29	72.239	-135.521	1013.1					
242	30	72.097	-135.675	1019.6					
243	31	71.963	-135.560	1012.8					

BUOY 7027

BUOY (7027) 87 Oct					BUOY (7027) 87 Nov				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	72.390	-142.337	1004.4	305	1	73.604	-150.036	1019.2
275	2	72.379	-142.943	1010.7	306	2	73.552	-150.382	1015.2
276	3	72.393	-143.351	1018.3	307	3	73.475	-150.647	1021.8
277	4	72.494	-143.742	1027.9	308	4	73.419	-150.685	1028.0
278	5	72.628	-144.050	1024.2	309	5	73.413	-150.727	1029.6
279	6	72.729	-144.056	1019.4	310	6	73.415	-151.021	1029.9
281	8	72.772	-144.159	1017.6	311	7	73.410	-151.577	1035.2
282	9	72.739	-144.127	1013.3	312	8	73.382	-152.061	1039.9
283	10	72.721	-144.076	1017.8	313	9	73.347	-152.537	1039.8
284	11	72.745	-144.138	1020.6	314	10	73.307	-152.844	1036.6
285	12	72.774	-144.331	1020.1	315	11	73.256	-153.109	1032.8
286	13	72.800	-144.562	1021.1	316	12	73.179	-153.238	1028.3
287	14	72.913	-144.954	1009.2	317	13	73.108	-153.362	1026.7
288	15	73.124	-145.343	1001.8	318	14	73.043	-153.535	1027.1
289	16	73.291	-145.626	1006.4	319	15	72.969	-153.648	1022.6
290	17	73.369	-145.668	1015.9	320	16	72.966	-154.019	1026.5
291	18	73.421	-145.640	1023.0	321	17	72.987	-154.711	1025.5
292	19	73.453	-145.743	1024.3	322	18	73.006	-155.560	1022.8
293	20	73.480	-146.148	1017.7	323	19	73.032	-156.414	1026.7
296	23	73.595	-147.327	990.6	324	20	73.070	-157.296	1027.1
297	24	73.667	-147.841	987.0	325	21	73.068	-157.808	1031.9
298	25	73.690	-148.295	988.7	326	22	73.070	-157.835	1026.9
301	28	73.592	-148.838	1017.7	327	23	73.071	-157.807	1022.2
302	29	73.586	-149.208	1023.0	328	24	73.080	-157.814	1019.7
303	30	73.614	-149.589	1026.7	329	25	73.057	-157.847	1021.2
304	31	73.638	-149.789	1025.4	330	26	73.018	-157.674	1015.4
					331	27	72.961	-157.551	
					332	28	72.938	-157.400	
					333	29	72.941	-157.358	1007.1
					334	30	72.936	-157.465	

BUOY (7027) 87 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)
335	1	72.916	-157.650	
336	2	72.866	-157.893	997.6
337	3	72.821	-158.087	994.0
338	4	72.826	-158.103	993.0
339	5	72.766	-157.890	1008.7
340	6	72.701	-157.993	1009.6
341	7	72.673	-158.235	
342	8	72.665	-158.562	
343	9	72.655	-159.104	996.2
344	10	72.700	-159.629	995.0
345	11	72.737	-159.887	1010.4
346	12	72.707	-159.894	1027.8
347	13	72.706	-159.865	1035.8
348	14	72.697	-160.035	1031.9
349	15	72.693	-160.284	1031.5
350	16	72.680	-160.637	1023.4
351	17	72.642	-161.238	1013.1
352	18	72.625	-161.810	1012.0
353	19	72.581	-162.197	1015.1
354	20	72.511	-162.559	1011.4
355	21	72.451	-163.023	
356	22	72.423	-163.493	1012.1
357	23	72.413	-163.708	1016.8
358	24	72.362	-164.059	1007.2
359	25	72.277	-164.388	996.9
360	26	72.225	-164.609	1002.3
361	27	72.208	-164.261	1016.6
362	28	72.185	-164.206	1029.3
363	29	72.205	-164.432	1014.6
364	30	72.197	-164.822	1009.3

BUOY 7028

BUOY (7028)		LAT	LON	P	T	BUOY (7028)		LAT	LON	P	T
87 Nov		(N)	(+E, -W)	(MB)	(C)	87 Dec		(N)	(+E, -W)	(MB)	(C)
323	19	87.087	91.930			335	1	86.877	83.984		
324	20	87.117	92.888			336	2	86.856	82.989		
325	21	87.120	92.351			337	3	86.849	81.970		
328	24	86.906	85.701			338	4	86.836	81.527		
329	25	86.851	85.898			339	5	86.777	81.972		
330	26	86.851	86.605			340	6	86.690	80.765		
331	27	86.892	86.808			341	7	86.638	78.250		
332	28	86.903	86.347			342	8	86.618	76.933		
333	29	86.897	85.913			343	9	86.611	76.603		
334	30	86.899	84.957			344	10	86.623	76.318		
						345	11	86.659	76.108		
						346	12	86.693	75.745		
						347	13	86.746	75.022		
						348	14	86.806	74.256		
						349	15	86.883	72.944		
						350	16	86.973	70.691		
						351	17	87.050	69.419		
						352	18	87.079	68.712		
						353	19	87.120	68.464		
						354	20	87.146	68.199		
						355	21	87.198	67.817		
						356	22	87.226	67.713		
						357	23	87.228	67.764		
						358	24	87.268	68.447		
						359	25	87.352	69.873		
						360	26	87.403	70.734		
						361	27	87.425	70.967		
						362	28	87.451	70.706		
						363	29	87.503	69.765		
						364	30	87.519	69.341		

BUOY 7030

BUOY (7030) 87 Nov				BUOY (7030) 87 Dec					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
323	19	83.618	80.670	1026.4	335	1	83.410	82.193	1016.1
324	20	83.721	81.644	1014.4	336	2	83.394	81.935	1017.3
325	21	83.767	82.843	990.7	337	3	83.427	80.807	1014.0
326	22	83.664	83.269	992.2	338	4	83.474	79.699	1015.0
327	23	83.462	84.259		339	5	83.457	79.445	1006.9
328	24	83.372	84.387	1007.3	340	6	83.365	79.631	988.1
329	25	83.347	84.639	1009.6	341	7	83.251	79.052	990.3
330	26	83.377	84.736	1005.1	342	8	83.246	78.509	1007.7
331	27	83.433	84.504	995.5	343	9	83.240	78.441	1018.2
332	28	83.463	83.894	1002.1	344	10	83.256	78.318	1030.5
333	29	83.457	83.676	1003.7	345	11	83.289	78.003	1036.7
334	30	83.475	82.474	1002.5	346	12	83.327	77.518	1033.9
					347	13	83.373	76.885	1028.6
					348	14	83.441	76.138	1027.6
					349	15	83.535	74.995	1016.4
					350	16	83.627	73.713	1016.8
					351	17	83.687	72.910	1021.9
					352	18	83.723	72.427	1021.6
					353	19	83.742	72.176	1018.5
					354	20	83.741	71.895	1014.5
					355	21	83.755	71.760	1011.2
					356	22	83.772	71.571	1015.5
					357	23	83.779	71.482	1021.9
					358	24	83.855	72.042	1023.8
					359	25	83.941	72.441	1025.6
					360	26	84.007	72.397	1030.2
					361	27	84.062	71.928	1029.9
					362	28	84.099	71.370	1028.5
					363	29	84.142	70.765	1028.1
					364	30	84.159	70.436	1031.6

BUOY 7040

BUOY (7040) 87 Jan					BUOY (7040) 87 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	86.062	84.466	1023.3	-37.0	32	1	86.662	88.777	1004.2	-29.4
2	2	86.093	86.114	1028.6	-19.3*	33	2	86.696	88.130	1012.1	-32.4
3	3	86.127	87.341	1026.3	-20.2	34	3	86.697	88.182	1023.8	-35.7
4	4	86.142	88.430	1026.7	-16.6	35	4	86.692	88.476	1024.2	-28.9
5	5	86.148	90.305	1019.6	-18.2	36	5	86.648	89.060	1017.7	-24.1
6	6	86.101	91.900	1016.8	-11.7	37	6	86.589	89.194	1016.9	-25.4
7	7	86.044	93.026	1021.7	-16.1	38	7	86.576	89.044	1015.8	-24.5
8	8	86.005	94.440	1014.0	-11.8	39	8	86.580	89.062	1012.4	-26.9
9	9	85.899	96.547	991.5	-8.2	40	9	86.602	89.816	1006.9	-21.3
10	10	85.860	96.586	992.2	-23.5	41	10	86.584	89.377	1020.5	-35.3
11	11	85.878	95.854	982.8	-26.2	42	11	86.598	89.237	1029.9	-41.8
12	12	85.828	95.030	999.3	-36.1	43	12	86.632	89.249	1036.2	-41.4
13	13	85.813	95.447	1001.9	-32.0	44	13	86.681	89.780	1037.0	-40.5
14	14	85.818	96.195	998.2	-27.3	45	14	86.717	90.099	1037.3	-40.5
15	15	85.928	96.701	1001.1	-25.1	46	15	86.737	89.516	1026.6	-36.2
16	16	86.029	96.440	1016.9	-31.5	47	16	86.741	89.255	1023.9	-35.1
17	17	86.052	96.461	1019.2	-33.8	48	17	86.750	88.836	1024.6	-38.0
18	18	86.072	96.719	1016.6	-32.6	49	18	86.757	88.066	1022.7	-35.2
19	19	86.139	97.135	1012.1	-33.6*	50	19	86.756	86.979	1020.6	-38.2
20	20	86.236	97.168	1018.6	-35.8	51	20	86.771	85.875	1024.8	-36.4
21	21	86.323	95.979	1019.7	-33.5	52	21	86.770	84.810	1027.0	-39.7
22	22	86.373	94.755	1027.7	-31.3	53	22	86.777	83.534	1028.6	-40.8
23	23	86.392	93.471	1028.8	-34.8	54	23	86.760	82.285	1026.9	-39.4
24	24	86.393	92.650	1027.6	-38.2	55	24	86.770	80.600	1028.4	-39.8
25	25	86.387	91.666	1023.2	-36.7	56	25	86.789	78.920	1026.4	-39.5
26	26	86.385	90.663	1024.4	-35.2	57	26	86.781	77.926	1021.9	-36.5
27	27	86.394	90.090	1027.4	-36.1	58	27	86.748	77.424	1021.3	-27.9
28	28	86.403	89.874	1027.0	-38.2	59	28	86.745	77.350	1019.7	-35.3
29	29	86.436	89.632	1025.8	-38.4						
30	30	86.486	89.449	1016.0	-34.2						
31	31	86.562	89.725	1009.2	-22.8*						

BUOY (7040) 87 Mar					BUOY (7040) 87 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	86.809	78.763	991.7	-29.5	91	1	86.241	56.930	1038.2	-28.9
61	2	86.803	78.303	1009.2	-39.1	92	2	86.227	56.447	1044.3	-22.6
62	3	86.775	76.824	1022.3	-36.8	93	3	86.224	56.142	1044.6	-24.4
63	4	86.754	75.759	1017.5	-38.7	94	4	86.251	56.026	1037.7	-29.4
64	5	86.735	75.000	1015.1	-40.1	95	5	86.256	55.635	1032.2	-29.0
65	6	86.721	74.764	1015.5	-38.3	96	6	86.238	54.665	1024.0	-25.9
66	7	86.749	75.678	979.5	-17.7	97	7	86.231	53.682	1024.2	-25.1
67	8	86.673	74.022	1000.7	-29.7	98	8	86.224	53.068	1019.6	-27.9
68	9	86.581	73.271	1022.0	-40.9	99	9	86.228	52.327	1015.5	-26.8
69	10	86.583	73.147	1016.2	-38.7	100	10	86.256	50.742	1003.3	-19.3
70	11	86.577	72.285	1012.9	-36.0	101	11	86.271	49.912	1016.9	-22.4
71	12	86.425	70.606	1010.2	-33.6	102	12	86.222	48.887	1010.7	-21.4
72	13	86.381	70.517	1012.0	-33.8	103	13	86.227	48.293	1015.7	-21.7
73	14	86.425	70.186	1014.2	-32.1	104	14	86.215	48.052	1019.0	-21.3
74	15	86.446	69.148	1022.4	-39.6	105	15	86.227	48.043	1022.7	-19.3
75	16	86.458	68.522	1029.8	-40.1	106	16	86.226	48.001	1031.0	-21.5
76	17	86.472	67.301	1029.3	-33.7	107	17	86.220	47.974	1036.1	-22.1
77	18	86.487	65.524	1022.4	-31.6	108	18	86.216	47.924	1034.4	-22.0
78	19	86.484	63.920	1016.9	-30.4	109	19	86.221	47.937	1026.5	-22.3
79	20	86.494	63.013	1022.1	-33.1	110	20	86.252	48.292	1016.3	-15.8*
80	21	86.492	62.107	1030.1	-32.6	111	21	86.256	49.049	1012.9	-12.5
81	22	86.479	61.392	1035.7	-35.0	112	22	86.226	50.132	1016.2	-4.6*
82	23	86.474	61.236	1040.0	-38.2	113	23	86.228	50.897	1019.5	-11.0*
83	24	86.469	61.156	1040.4	-38.7	114	24	86.283	52.068	1009.5	-8.5
84	25	86.435	60.833	1035.0	-36.4	115	25	86.283	53.664	1008.0	-1.3
87	28	86.291	58.781	1018.5	-32.5	116	26	86.303	55.348	998.4	-1.9
88	29	86.299	58.387	1026.6	-37.2	117	27	86.276	56.086	1007.3	-10.3
89	30	86.291	57.987	1033.9	-35.5	118	28	86.311	54.892	1005.0	-12.7
90	31	86.272	57.517	1038.0	-33.0	119	29	86.371	54.469	1007.1	-6.3
						120	30	86.429	53.077	1011.1	-10.2

BUOY 7040

BUOY (7040) 87 May					BUOY (7040) 87 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	86.449	51.411	1015.4	-11.5	152	1	85.946	35.569	1024.6	-6.0
122	2	86.447	49.670	1011.9	-13.5	153	2	85.886	35.002	1022.2	-5.5
123	3	86.459	47.984	1013.0	-13.1	154	3	85.880	34.517	1031.2	-5.6
124	4	86.470	46.508	1020.2	-15.1	155	4	85.857	34.027	1032.3	-4.9
125	5	86.440	45.619	1023.9	-14.5	156	5	85.812	33.894	1024.3	-5.7
126	6	86.396	44.850	1025.4	-14.9	157	6	85.791	33.900	1022.6	-5.1
127	7	86.350	44.189	1025.1	-13.0*	158	7	85.789	33.785	1020.7	-4.6
128	8	86.318	43.779	1027.0	-12.1	159	8	85.776	33.286	1022.6	-1.9
129	9	86.301	43.605	1026.9	-9.6	160	9	85.729	32.468	1024.2	-2.5
130	10	86.304	43.547	1023.9	-12.7	161	10	85.702	31.677	1022.3	0.5
131	11	86.308	43.338	1024.1	-11.5	162	11	85.663	31.017	1021.2	-1.2
132	12	86.302	43.122	1022.1	-10.0	163	12	85.613	30.356	1021.5	-2.0
133	13	86.300	42.749	1017.7	-12.2	164	13	85.595	30.169	1015.0	-2.8
134	14	86.274	41.999	1011.9	-13.6	165	14	85.582	30.154	1010.2	-1.2
135	15	86.211	41.221	1009.2	-13.2	166	15	85.555	30.257	1007.1	-1.4
136	16	86.164	40.994	1013.3	-10.2	167	16	85.522	30.663	1005.0	-1.0
137	17	86.205	40.964	1014.7	-9.1	168	17	85.433	30.122	1008.2	-0.4
138	18	86.261	41.175	1019.9	-2.4	169	18	85.366	29.656	1011.1	0.2
139	19	86.336	40.798	1016.4	-4.4	170	19	85.351	29.476	1013.8	1.5
140	20	86.400	40.574	1014.4	-6.0	171	20	85.362	29.367	1013.1	1.2
141	21	86.404	40.266	1011.8	-3.7	172	21	85.391	29.016	1009.2	-0.2
142	22	86.402	39.538	1008.4	-2.4	173	22	85.388	28.368	1010.3	0.3
143	23	86.341	39.144	1015.4	-5.8	174	23	85.365	27.373	1018.2	0.5
144	24	86.295	38.977	1022.3	-8.4	175	24	85.347	26.674	1022.6	0.6
145	25	86.284	38.882	1024.4	-7.6	176	25	85.349	26.117	1031.2	-0.3
146	26	86.317	38.922	1016.7	-5.5	177	26	85.290	25.669	1023.5	0.7
147	27	86.290	38.496	1020.7	-2.8	178	27	85.234	25.383	1025.3	1.4
148	28	86.221	37.987	1024.4	-5.5	179	28	85.177	24.743	1021.2	1.2
149	29	86.168	37.382	1027.9	-6.6	180	29	85.079	24.355	1009.8	1.0
150	30	86.101	36.845	1027.8	-8.2	181	30	85.015	23.621	1010.4	0.9
151	31	86.023	36.290	1024.3	-8.9						

BUOY (7040) 87 Jul					BUOY (7040) 87 Aug						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
182	1	84.986	23.240	1017.7	3.1	213	1	83.812	12.710	1016.3	0.5
183	2	85.012	22.542	1021.1	0.4	214	2	83.827	12.617	1023.1	0.2
184	3	85.055	21.157	1014.7	0.4	215	3	83.940	11.912	1019.8	1.1
185	4	85.038	20.191	1012.7	0.8	216	4	84.028	11.721	1025.0	1.5
186	5	84.960	19.019	1006.6	0.7	217	5	84.080	11.672	1028.1	1.2
187	6	84.903	18.390	1006.3	1.4	218	6	84.103	12.023	1024.8	1.3
188	7	84.880	18.333	1007.3	2.4	219	7	84.119	12.546	1024.8	0.6
189	8	84.857	18.422	1013.1	1.6	220	8	84.113	12.994	1020.4	0.0
190	9	84.862	18.859	1019.1	2.2	221	9	84.117	13.125	1017.3	0.4
191	10	84.875	18.799	1022.5	1.5	222	10	84.077	12.683	1019.6	-0.2
192	11	84.875	18.246	1012.7	1.8	223	11	83.983	12.246	1019.4	-0.2
193	12	84.833	18.069	1009.3	0.2	224	12	83.902	11.893	1018.4	0.2
194	13	84.775	17.711	1000.0	0.4	225	13	83.805	11.646	1016.0	0.0
195	14	84.672	17.825		0.5	226	14	83.725	11.517	1009.5	-0.2
196	15	84.589	17.619		0.8	227	15	83.693	11.116	1010.2	-0.5
197	16	84.499	17.493	1003.3	0.5	228	16	83.678	10.477	1017.6	-2.7
198	17	84.430	17.294	1010.1	0.9	229	17	83.619	10.186	1012.7	-0.8
199	18	84.382	17.007	1004.9	1.3	230	18	83.554	9.655	1011.7	-0.5
200	19	84.296	17.288	1007.3	0.8	231	19	83.532	9.135	1013.7	-3.5
201	20	84.203	17.433	1011.6	1.2	232	20	83.458	9.015	998.2	-1.8
202	21	84.165	17.220	1006.5	0.8	233	21	83.352	8.506	1011.5	-0.8
203	22	84.101	16.641	1004.2	0.6	234	22	83.279	8.207	1012.4	-1.2
204	23	84.041	16.438	1004.1	0.5	235	23	83.250	8.264	1005.6	-4.5
210	29	83.750	14.665	1015.7	-0.6	236	24	83.195	8.313	1004.4	-3.9
211	30	83.784	13.504	1004.4	0.6	237	25	83.157	8.131	1010.2	-5.6
212	31	83.811	12.713	1007.6	0.6	238	26	83.120	7.952	1011.1	-4.2
						239	27	83.084	7.802	1017.3	-2.5
						240	28	83.081	7.611	1011.2	-3.1
						241	29	83.070	7.374	1004.5	-4.2
						242	30	82.994	7.160	1014.8	-3.3
						243	31	82.901	6.714	1007.2	-6.5

BUOY 7040

BUOY (7040)		LAT	LON	P	T	BUOY (7040)		LAT	LON	P	T
87 Sep		(N)	(+E, -W)	(MB)	(C)	87 Oct		(N)	(+E, -W)	(MB)	(C)
244	1	82.863	6.577		-12.9*	274	1	81.711	4.639		
245	2	82.856	6.934			275	2	81.612	4.543		
246	3	82.888	7.803			276	3	81.506	4.596		
247	4	82.925	8.136			277	4	81.430	4.743		
248	5	82.943	8.703			278	5	81.296	4.642		
249	6	82.946	9.209			279	6	81.188	5.411		
250	7	82.915	9.469			280	7	81.131	5.804		
251	8	82.935	9.493			281	8	81.024	5.194		
252	9	82.855	9.078			282	9	80.899	4.910		
253	10	82.836	8.564			283	10	80.808	4.958		
254	11	82.797	8.877			284	11	80.694	4.691		
255	12	82.720	8.337			285	12	80.632	4.712		
256	13	82.607	7.426			286	13	80.607	4.871		
257	14	82.491	6.454			287	14	80.573	4.954		
258	15	82.420	5.756			288	15	80.555	4.787		
259	16	82.393	5.517			289	16	80.459	4.535		
260	17	82.301	5.187			290	17	80.359	4.673		
261	18	82.236	4.941			291	18	80.335	5.206		
262	19	82.222	5.284			292	19	80.233	6.640		
263	20	82.179	5.707			293	20	80.039	6.265		
264	21	82.136	5.754			294	21	79.829	6.139		
265	22	82.103	5.708			295	22	79.904	6.560		
266	23	82.066	5.688			299	26	80.533	9.303		
267	24	82.009	5.588			300	27	80.366	8.067		
268	25	81.956	5.323			301	28	80.314	6.524		
269	26	81.924	5.301								
270	27	81.896	5.339								
271	28	81.855	5.173								
272	29	81.861	4.595								
273	30	81.758	4.452								

BUOY (7040)		LAT	LON	P	T
87 Nov		(N)	(+E, -W)	(MB)	(C)
313	9	78.087	-0.419		
314	10	78.108	-1.071		
315	11	78.278	-1.134		
316	12	78.251	-1.030		
317	13	78.198	-0.937		
318	14	78.107	-0.951		
319	15	78.120	-0.995		

BUOY 7042

BUOY (7042)		LAT	LON	P	T	BUOY (7042)		LAT	LON	P	T
87 Jan		(N)	(+E, -W)	(MB)	(C)	87 Feb		(N)	(+E, -W)	(MB)	(C)
1	1	86.291	-171.269			32	1	86.005	-171.388		
2	2	86.247	-170.841			33	2	85.990	-171.076		
3	3	86.169	-170.935			34	3	85.944	-170.828		
4	4	86.120	-170.988			35	4	85.950	-171.282		
5	5	86.038	-171.424			36	5	85.939	-170.963		
6	6	86.042	-171.897			37	6	85.946	-170.921		
7	7	86.054	-172.128			38	7	85.979	-171.245		
8	8	86.029	-172.058			39	8	85.985	-170.937		
9	9	86.050	-172.775			40	9	85.965	-170.197		
10	10	86.037	-173.381			41	10	85.932	-169.870		
11	11	86.041	-173.255			42	11	85.909	-169.625		
12	12	86.056	-173.635			43	12	85.872	-169.360		
13	13	86.021	-174.056			44	13	85.812	-168.933		
14	14	86.062	-174.151			45	14	85.753	-168.638		
15	15	86.128	-174.095			46	15	85.754	-168.566		
16	16	86.148	-174.019			47	16	85.764	-168.536		
17	17	86.152	-173.628			48	17	85.773	-168.548		
18	18	86.135	-173.383			49	18	85.806	-168.534		
19	19	86.101	-172.570			50	19	85.857	-168.559		
20	20	86.050	-171.988			51	20	85.898	-168.613		
21	21	86.038	-171.723			52	21	85.936	-168.565		
22	22	86.052	-171.448			53	22	85.980	-168.648		
23	23	86.075	-171.340			54	23	86.043	-168.958		
24	24	86.099	-171.600			55	24	86.097	-169.162		
25	25	86.132	-172.073			56	25	86.140	-169.752		
26	26	86.140	-172.812			57	26	86.163	-170.709		
27	27	86.126	-173.111			58	27	86.176	-171.303		
28	28	86.082	-173.114			59	28	86.172	-171.242		
29	29	86.053	-172.859								
30	30	86.055	-172.643								
31	31	86.037	-172.007								

BUOY (7042)		LAT	LON	P	T	BUOY (7042)		LAT	LON	P	T
87 Mar		(N)	(+E, -W)	(MB)	(C)	87 Apr		(N)	(+E, -W)	(MB)	(C)
60	1	86.176	-169.764			91	1	86.895	-169.416		
61	2	86.246	-168.554			92	2	86.886	-168.666		
62	3	86.322	-168.859			93	3	86.850	-167.948		
63	4	86.380	-169.227			94	4	86.785	-167.169		
64	5	86.414	-169.392			95	5	86.721	-166.949		
65	6	86.426	-170.018			96	6	86.710	-166.689		
66	7	86.400	-170.052			97	7	86.717	-166.197		
67	8	86.419	-169.699			98	8	86.721	-166.000		
68	9	86.487	-171.190			99	9	86.738	-165.587		
69	10	86.515	-171.635			100	10	86.740	-165.365		
70	11	86.596	-172.030			101	11	86.742	-164.469		
71	12	86.682	-173.845			102	12	86.726	-163.875		
72	13	86.662	-174.249			103	13	86.720	-163.732		
73	14	86.646	-173.894			104	14	86.683	-163.484		
74	15	86.658	-173.725			105	15	86.660	-163.685		
75	16	86.656	-173.498			106	16	86.646	-163.805		
76	17	86.669	-173.175			107	17	86.632	-164.208		
77	18	86.685	-172.850			108	18	86.617	-164.917		
78	19	86.706	-172.106			109	19	86.596	-165.894		
79	20	86.732	-171.048			110	20	86.598	-165.683		
80	21	86.757	-170.680			111	21	86.596	-165.140		
81	22	86.785	-170.405			112	22	86.590	-163.998		
82	23	86.784	-170.434			113	23	86.586	-163.291		
83	24	86.806	-170.786			114	24	86.533	-163.298		
84	25	86.888	-172.035			115	25	86.525	-164.273		
87	28	86.930	-171.877			116	26	86.534	-164.623		
88	29	86.888	-171.221			117	27	86.581	-165.033		
89	30	86.885	-170.809			118	28	86.592	-166.129		
90	31	86.888	-170.259			119	29	86.580	-166.455		
						120	30	86.583	-166.194		

BUOY 7042

BUOY (7042) 87 May		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (7042) 87 Jun		LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	86.608	-165.484			152	1	87.098	-160.472		
122	2	86.640	-164.393			153	2	87.164	-159.820		
123	3	86.639	-163.354			154	3	87.165	-159.445		
124	4	86.636	-162.883			155	4	87.196	-159.061		
125	5	86.673	-162.684			156	5	87.233	-158.455		
126	6	86.730	-162.493			157	6	87.227	-158.990		
127	7	86.773	-162.265			158	7	87.193	-158.575		
128	8	86.792	-162.417			159	8	87.176	-157.670		
129	9	86.804	-162.686			160	9	87.179	-157.198		
130	10	86.802	-162.809			161	10	87.202	-156.758		
131	11	86.802	-162.888			162	11	87.227	-156.063		
132	12	86.809	-162.960			163	12	87.238	-155.857		
133	13	86.817	-163.041			164	13	87.240	-156.257		
134	14	86.826	-163.105			165	14	87.253	-156.893		
135	15	86.833	-162.495			166	15	87.262	-156.462		
136	16	86.872	-163.243			167	16	87.321	-154.739		
137	17	86.851	-163.352			168	17	87.374	-153.959		
138	18	86.764	-162.329			169	18	87.383	-153.828		
139	19	86.717	-162.359			170	19	87.398	-153.831		
140	20	86.688	-161.762			171	20	87.443	-154.235		
141	21	86.664	-161.177			172	21	87.465	-154.228		
142	22	86.664	-160.886			173	22	87.481	-154.289		
143	23	86.654	-160.518			174	23	87.495	-154.359		
144	24	86.653	-160.505			175	24	87.494	-153.837		
145	25	86.659	-160.771			176	25	87.507	-153.296		
146	26	86.667	-160.739			177	26	87.543	-152.708		
147	27	86.700	-160.668			178	27	87.577	-151.953		
148	28	86.760	-160.802			179	28	87.576	-151.360		
149	29	86.833	-161.197			180	29	87.575	-150.226		
150	30	86.926	-161.466			181	30	87.576	-148.537		
151	31	87.013	-160.829								

BUOY (7042) 87 Jul		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (7042) 87 Aug		LAT (N)	LON (+E, -W)	P (MB)	T (C)
182	1	87.561	-146.402			213	1	87.545	-127.557		
183	2	87.497	-145.591			214	2	87.516	-128.013		
184	3	87.460	-145.188			215	3	87.453	-128.881		
185	4	87.439	-144.291			216	4	87.358	-130.020		
186	5	87.423	-143.124			217	5	87.307	-131.323		
187	6	87.431	-141.831			218	6	87.324	-131.927		
188	7	87.429	-141.213			219	7	87.334	-131.760		
189	8	87.437	-140.410			220	8	87.374	-130.828		
190	9	87.444	-140.190			221	9	87.403	-130.761		
191	10	87.460	-140.491			222	10	87.424	-130.425		
192	11	87.472	-141.100			223	11	87.500	-129.280		
193	12	87.461	-140.900			224	12	87.550	-127.682		
194	13	87.480	-140.653			225	13	87.594	-126.609		
195	14	87.476	-139.716			226	14	87.614	-125.074		
196	15	87.469	-137.331			227	15	87.631	-123.022		
197	16	87.506	-136.124			228	16	87.623	-121.959		
198	17	87.513	-136.126			229	17	87.606	-121.454		
199	18	87.583	-135.397			230	18	87.589	-120.969		
200	19	87.601	-134.432			231	19	87.561	-120.619		
201	20	87.608	-133.917			232	20	87.530	-120.504		
202	21	87.661	-133.562			233	21	87.535	-119.965		
203	22	87.730	-132.589			234	22	87.584	-119.363		
204	23	87.778	-131.599			235	23	87.621	-119.502		
210	29	87.710	-128.713			236	24	87.644	-119.506		
211	30	87.651	-128.834			237	25	87.651	-119.421		
212	31	87.590	-128.150			238	26	87.678	-119.069		
						239	27	87.712	-120.092		
						240	28	87.702	-121.357		
						241	29	87.671	-122.117		
						242	30	87.662	-121.795		
						243	31	87.713	-121.733		

BUOY 7042

BUOY (7042) 87 Sep					BUOY (7042) 87 Oct				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
244	1	87.676	-123.326		274	1	88.475	-109.264	
245	2	87.663	-125.124		275	2	88.564	-103.742	
246	3	87.682	-125.110		276	3	88.569	-99.665	
247	4	87.678	-125.963		277	4	88.521	-97.411	
248	5	87.666	-127.488		278	5	88.509	-95.676	
249	6	87.757	-129.685		279	6	88.477	-93.424	
250	7	87.831	-130.679		280	7	88.421	-89.828	
251	8	87.876	-132.306		281	8	88.389	-85.304	
252	9	87.938	-132.324		282	9	88.412	-79.283	
253	10	87.979	-136.464		283	10	88.417	-70.722	
254	11	87.947	-139.034		284	11	88.396	-68.054	
255	12	87.988	-137.759		285	12	88.389	-64.799	
256	13	88.031	-137.065		286	13	88.377	-63.469	
257	14	88.058	-137.602		287	14	88.311	-63.698	
258	15	88.056	-139.089		288	15	88.272	-63.309	
259	16	88.067	-139.649		289	16	88.249	-62.498	
260	17	88.116	-138.709		290	17	88.125	-59.538	
261	18	88.169	-139.325		291	18	88.054	-58.040	
262	19	88.224	-139.028		292	19	88.000	-56.989	
263	20	88.285	-136.947		293	20	87.977	-55.407	
264	21	88.382	-135.626		294	21	87.934	-54.310	
265	22	88.435	-133.430		295	22	87.932	-54.105	
266	23	88.490	-131.042		296	23	87.931	-54.393	
267	24	88.457	-129.764		297	24	87.933	-54.424	
268	25	88.494	-127.165		298	25	87.916	-53.693	
269	26	88.453	-124.719		299	26	87.890	-52.316	
270	27	88.427	-124.289		300	27	87.858	-51.235	
271	28	88.436	-121.785		301	28	87.860	-50.671	
272	29	88.395	-118.914		302	29	87.856	-50.723	
273	30	88.392	-116.553		303	30	87.851	-50.612	
					304	31	87.851	-50.107	

BUOY (7042) 87 Nov					BUOY (7042) 87 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	87.851	-49.907		335	1	87.660	-44.826	
306	2	87.850	-49.825		336	2	87.660	-44.627	
307	3	87.851	-49.763		337	3	87.659	-44.391	
308	4	87.849	-49.760		338	4	87.674	-43.409	
309	5	87.849	-49.730		339	5	87.673	-41.336	
310	6	87.845	-49.606		340	6	87.657	-39.507	
311	7	87.846	-49.512		341	7	87.624	-39.630	
312	8	87.845	-49.562		342	8	87.620	-39.598	
313	9	87.843	-49.605		343	9	87.626	-39.796	
314	10	87.842	-49.608		344	10	87.635	-41.118	
315	11	87.843	-49.667		345	11	87.637	-42.931	
316	12	87.839	-50.478		346	12	87.626	-44.651	
317	13	87.837	-50.600		347	13	87.597	-46.315	
318	14	87.839	-50.595		348	14	87.556	-48.168	
319	15	87.807	-51.920		349	15	87.501	-49.974	
320	16	87.781	-53.389		350	16	87.403	-51.356	
321	17	87.768	-53.616		351	17	87.328	-52.898	
322	18	87.752	-54.329		352	18	87.280	-54.185	
323	19	87.727	-54.922		353	19	87.255	-55.231	
324	20	87.726	-55.120		354	20	87.226	-56.028	
325	21	87.725	-54.745		355	21	87.189	-56.438	
326	22	87.723	-53.045		356	22	87.159	-56.455	
327	23	87.686	-48.828		357	23	87.158	-56.406	
328	24	87.670	-46.764		358	24	87.158	-56.396	
329	25	87.675	-46.669		359	25	87.158	-56.219	
330	26	87.672	-46.590		360	26	87.161	-56.005	
331	27	87.669	-46.182		361	27	87.160	-56.433	
332	28	87.669	-45.862		362	28	87.166	-56.964	
333	29	87.669	-45.842		363	29	87.152	-57.469	
334	30	87.667	-45.410		364	30	87.145	-57.640	

BUOY 7047

BUOY(7047) 87 Apr					BUOY(7047) 87 May					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
97	7	72.001	-148.427	1034.2	121	1	72.037	-148.594	1015.4	-13.7*
104	14	72.002	-148.418	1000.8	122	2	72.041	-148.987	1016.8	-15.8*
105	15	72.000	-148.399	996.2	123	3	72.031	-149.304	1016.9	-14.9
106	16	71.999	-148.430	999.0	124	4	72.032	-149.442	1020.5	-14.7*
110	20	72.004	-148.425	1017.3	125	5	72.037	-149.644	1024.5	-14.5*
115	25	72.007	-148.372	1013.1	126	6	72.072	-149.957		-12.4*
116	26	72.019	-148.196	1012.0	127	7	72.132	-150.279	1014.6	-8.7
117	27	72.038	-148.041	1007.3	128	8	72.134	-150.316	1017.4	-9.1*
					129	9	72.179	-150.378	1014.1	
					130	10	72.244	-150.520	1014.3	-6.6*
					131	11	72.304	-150.723	1015.8	-6.2
					132	12	72.321	-150.993	1016.1	-6.4*
					133	13	72.292	-151.287	1020.9	-9.1*
					134	14	72.254	-151.524	1026.0	-10.9
					135	15	72.219	-151.640	1028.8	-12.4*
					138	18	72.179	-151.881	1026.4	-7.8
					139	19	72.218	-152.111	1020.3	-6.9
					140	20	72.245	-152.188	1019.4	-6.5
					141	21	72.234	-152.300	1021.4	-6.9
					142	22	72.241	-152.518	1019.8	-7.3
					143	23	72.248	-152.862	1015.7	-7.4
					144	24	72.254	-153.258	1012.8	-8.8
					145	25	72.245	-153.551	1009.5	-9.0
					146	26	72.273	-153.823	1005.8	-6.8
					147	27	72.315	-154.156	1005.7	-4.8
					148	28	72.326	-154.382	1008.5	-3.8
					149	29	72.304	-154.682	1009.2	-3.2
					150	30	72.298	-155.009	1011.8	-2.1
					151	31	72.332	-155.280	1014.2	-1.4

BUOY(7047) 87 Jun					BUOY(7047) 87 Jul					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
152	1	72.361	-155.611	1014.9	182	1	73.246	-164.785	1019.4	0.6
153	2	72.413	-156.000		183	2	73.297	-165.232	1021.2	0.8
154	3	72.495	-156.424		184	3	73.320	-165.701	1024.4	1.1
155	4	72.548	-156.651	1033.1	185	4	73.344	-166.057	1027.8	1.0
156	5	72.554	-156.820	1028.8	186	5	73.366	-166.302	1028.0	0.8
157	6	72.526	-156.956		187	6	73.366	-166.482	1023.4	0.9
158	7	72.540	-157.195	1013.5	188	7	73.393	-166.646	1015.9	0.8
159	8	72.606	-157.691	1014.8	189	8	73.479	-166.933	1008.1	0.3
160	9	72.651	-158.255	1014.5	190	9	73.494	-167.018	1011.4	-0.1
161	10	72.651	-158.854	1010.4	191	10	73.519	-166.998	1014.8	0.2
162	11	72.616	-159.359	1003.8	192	11	73.563	-166.977	1014.9	0.9
163	12	72.605	-159.906	1003.9	193	12	73.663	-166.965	1015.5	0.8
164	13	72.576	-160.199	1010.3	194	13	73.661	-167.019	1015.1	-0.1
165	14	72.578	-160.290	1012.6	195	14	73.663	-167.109	1011.2	0.1
166	15	72.628	-160.377	1008.9	196	15	73.649	-167.150	1013.2	0.2
167	16	72.711	-160.466	1007.4	197	16	73.666	-167.399	1020.0	0.0
168	17	72.749	-160.689	1002.5	198	17	73.647	-167.481	1019.7	-0.4
169	18	72.800	-160.922	1000.4	199	18	73.630	-167.414	1019.4	0.2
170	19	72.817	-161.216	1003.8	200	19	73.641	-167.438	1019.4	0.2*
171	20	72.832	-161.419	1007.3	201	20	73.691	-167.571		0.3
172	21	72.867	-161.602	1009.7	202	21	73.739	-167.794	1008.4	0.5
173	22	72.912	-161.872	1015.2	203	22	73.747	-167.929	1007.8	0.9
174	23	72.933	-162.137	1018.6	204	23	73.746	-167.927	1010.2	0.3
175	24	72.982	-162.343	1023.0	205	24	73.754	-167.959	1010.9	0.8
176	25	73.029	-162.579	1026.2	210	29	73.587	-168.256	1030.5	0.5
177	26	73.036	-162.804	1022.9	211	30	73.572	-168.355	1031.0	1.0
178	27	73.027	-163.064	1014.5	212	31	73.558	-168.580		0.4*
179	28	73.043	-163.228	1015.5						
180	29	73.071	-163.526	1017.2						
181	30	73.120	-164.078							

BUOY 7047

BUOY (7047) 87 Aug					BUOY (7047) 87 Sep						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
213	1	73.597	-168.822	1034.5	-0.4	244	1	73.424	-171.360	1015.6	-3.6*
214	2	73.641	-169.041	1030.5	0.3	245	2	73.425	-171.570	1015.1	-5.2
215	3	73.699	-169.431	1021.0	1.3	246	3	73.423	-171.593	1010.4	-5.6
216	4	73.770	-169.991	1017.0	0.8	247	4	73.382	-171.229	995.6	-3.2
217	5	73.851	-170.627	1017.0	0.2	248	5	73.310	-171.014	1004.5	-5.9
218	6	73.825	-170.982	1013.5	-0.2	249	6	73.267	-170.880	1008.7	-6.0
219	7	73.811	-171.100	1014.0	0.1	250	7	73.266	-170.770	1001.2	-5.4
220	8	73.803	-171.059	1016.9	0.0	251	8	73.224	-170.595	999.8	-5.8
221	9	73.784	-170.897	1026.6	-0.8	252	9	73.162	-170.511	1006.6	-8.1
222	10	73.848	-170.673	1024.1	0.1	253	10	73.191	-170.141	995.8	-3.4
223	11	73.907	-170.713	1016.9	0.5	254	11	73.130	-170.069	1002.5	-6.8
224	12	73.914	-170.795	1011.9	0.2	255	12	73.110	-169.941	1003.4	-8.1
225	13	73.789	-171.005	1016.6	-0.8	256	13	73.116	-169.812	993.6	-5.2
226	14	73.725	-171.198	1016.0	-1.4	257	14	73.010	-169.779	998.6	-9.9
227	15	73.683	-171.270	1015.0	-0.8	258	15	72.920	-169.629	1002.5	-7.8
228	16	73.662	-171.379	1016.8	-0.4	259	16	72.915	-169.536	1003.3	-7.7
229	17	73.678	-171.504	1018.0	-0.2	260	17	72.911	-169.428	1004.8	-6.5
230	18	73.760	-171.957	1015.5	-0.7	263	20	73.046	-169.391	1006.5	-2.8
231	19	73.760	-172.065	1014.5	-0.1	264	21	73.062	-169.574	1008.5	-7.5
232	20	73.732	-172.078	1017.3	0.4	265	22	73.045	-169.672	1021.1	-6.7
233	21	73.758	-172.104	1009.1	1.1	266	23	73.064	-169.847	1025.0	-13.5
234	22	73.727	-172.281	1009.8	-0.4	267	24	73.096	-170.377	1010.5	-8.7
235	23	73.712	-172.648	1011.5	-0.1	268	25	73.133	-171.315	1008.7	-8.1
236	24	73.701	-172.762	1015.0	-0.3	269	26	73.084	-171.935	1020.3	-11.3
237	25	73.780	-172.814	1011.6	0.2	270	27	73.037	-172.066	1027.2	-12.2*
238	26	73.745	-172.391	1014.0	0.2	271	28	73.026	-171.927	1020.4	-16.8*
239	27	73.687	-172.164	1013.0	-0.6	272	29	73.050	-171.899	1012.8	-9.9
240	28	73.612	-172.008	1025.6	-1.4	273	30	73.068	-171.867	1009.0	-10.0
241	29	73.546	-171.925	1026.6	-2.4						
242	30	73.445	-171.529	1027.0	-1.0						
243	31	73.432	-171.234	1019.0	0.1						

BUOY (7047) 87 Oct					BUOY (7047) 87 Nov						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
274	1	73.082	-171.907	1011.3	-11.4	305	1	73.169	-175.186	1019.9	-10.3
275	2	73.051	-172.038	1017.4	-16.1	308	4	73.246	-174.965	1025.1	-16.9*
276	3	73.042	-172.050	1023.1	-22.3*	309	5	73.270	-175.048	1025.0	-18.7
277	4	73.080	-172.032	1022.2	-15.1	310	6	73.273	-175.348	1023.7	-22.3
278	5	73.177	-172.027	1013.6	-2.7	311	7	73.285	-175.558	1028.9	-25.0
279	6	73.245	-171.845	1012.9	-3.7	312	8	73.308	-175.764	1037.8	-26.3
280	7	73.218	-171.913	1019.0	-4.7	313	9	73.306	-175.913	1040.5	-28.7
281	8	73.223	-171.953	1014.3	-3.8	314	10	73.296	-176.064	1039.6	-30.5
282	9	73.186	-171.919	1014.5	-11.6	315	11	73.271	-176.270	1037.1	-29.3
283	10	73.182	-171.943	1018.3	-17.9	316	12	73.244	-176.306	1038.8	-32.3
284	11	73.267	-171.831	1014.4	-4.3*	317	13	73.204	-176.322	1034.5	-30.4
285	12	73.320	-171.664	1016.9	-4.6	318	14	73.169	-176.456	1031.6	-28.9
286	13	73.363	-171.764	1013.3	-11.5	319	15	73.146	-176.779	1026.1	-29.9
287	14	73.398	-172.165	999.2	-7.5	320	16	73.117	-177.107	1025.6	-30.1
288	15	73.399	-172.565	992.6	-4.1*	321	17	73.097	-177.722	1017.3	-21.4
289	16	73.400	-172.831	998.9	-4.8	322	18	73.082	-178.619	1018.7	-20.2
290	17	73.418	-172.849	1005.8	-3.3	323	19	73.093	-179.209	1025.9	-23.7
291	18	73.432	-172.775	1015.8	-11.6	324	20	73.129	-179.599	1028.7	-26.3*
292	19	73.428	-172.874	1018.4	-3.1*	325	21	73.160	-179.695		
293	20	73.456	-172.979	1020.1	-7.5*	326	22	73.163	-179.744	1023.6	-20.5
294	21	73.452	-173.223	1018.1	-9.6						
295	22	73.434	-173.483	1012.0	-12.4						
296	23	73.379	-173.682	998.4	-14.2						
297	24	73.250	-173.877	985.9	-11.3						
298	25	73.159	-174.081	991.7	-12.9						
299	26	73.043	-174.336	1009.5	-17.5						
300	27	73.027	-174.419	1017.6	-23.9						
301	28	73.065	-174.776	1014.8	-15.9						
302	29	73.104	-175.101	1017.7	-13.7						
303	30	73.153	-175.103	1017.5	-12.4						
304	31	73.150	-175.159	1020.1	-6.7						

BUOY 7048

BUOY (7048) 87 Nov					BUOY (7048) 87 Dec					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
323	19	83.040	109.939	1040.9	-32.6*	335	1	83.180	111.999	1011.8
324	20	83.062	110.893	1024.1		336	2	83.182	111.733	1014.8
325	21	83.054	112.394	1003.2		337	3	83.206	111.266	1019.5
326	22	83.149	113.090	982.3		338	4	83.195	110.688	1014.0
327	23	83.128	113.565	990.1		339	5	83.128	110.704	999.9
328	24	83.123	113.400	999.7		340	6	83.065	110.802	978.6
329	25	83.058	113.526	1006.7		341	7	83.115	110.213	995.3
330	26	83.039	113.774	1008.7		342	8	83.150	109.638	1005.7
331	27	83.064	-113.736	-999.9		343	9	83.155	109.418	1019.3
332	28	83.083	113.502	1002.9		344	10	83.178	109.240	1030.6
333	29	83.085	113.304	1007.0		345	11	83.204	108.902	1038.7
334	30	83.148	112.717	1000.6		346	12	83.236	108.488	1037.8
						347	13	83.279	108.053	1034.9
						348	14	83.338	107.639	1034.0
						349	15	83.425	107.000	1026.8
						350	16	83.575	106.296	1026.8
						351	17	83.662	105.825	1027.1
						352	18	83.722	105.624	1024.9
						353	19	83.778	105.555	1020.2
						354	20	83.839	105.359	1016.4
						355	21	83.905	105.158	1015.8
						356	22	83.953	105.061	1016.9
						357	23	83.962	105.004	1021.3
						358	24	83.966	105.408	1025.5
						359	25	83.976	105.939	1026.1
						360	26	83.980	106.159	1027.7
						361	27	83.979	106.116	1028.8
						362	28	83.988	105.838	1028.6
						363	29	84.012	105.618	1027.7
						364	30	84.031	105.443	1029.9

BUOY 9260

BUOY (9260) 87 Sep					BUOY (9260) 87 Oct						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
245	2	83.468	16.967	1014.7	-3.8	274	1	82.477	15.645	1011.0	-20.7
246	3	83.482	17.943	1026.2	-2.6	275	2	82.408	15.833	1004.2	-19.4
247	4	83.522	18.264	1017.4	-2.3	276	3	82.332	16.180	999.5	-20.3
248	5	83.527	18.744	1014.1	-3.6	277	4	82.320	16.493	1003.1	-21.6
249	6	83.523	19.227	1017.5	-4.7	278	5	82.252	16.494	1001.2	-28.7
250	7	83.525	19.873	1015.1	-3.1*	279	6	82.220	17.300	992.6	-20.1
251	8	83.548	19.963	1013.8	-2.6*	280	7	82.167	18.121	999.9	-20.0
252	9	83.507	19.790	1020.4	-10.7						
253	10	83.495	18.939	1012.1	-9.2						
254	11	83.462	19.139	1009.9	-7.6						
255	12	83.398	18.644	1013.6	-10.8						
256	13	83.315	17.358	1006.7	-10.9						
257	14	83.245	16.149	1003.9	-7.8						
258	15	83.197	15.424	1012.2	-8.1						
259	16	83.162	15.158	1013.6	-10.1						
260	17	83.081	14.815	1025.3	-9.8						
261	18	82.998	14.622	1025.4	-14.8						
262	19	82.966	15.020	1019.9	-16.4						
263	20	82.917	15.512	1014.7	-9.8						
264	21	82.881	15.488	1018.5	-12.9						
265	22	82.836	15.593	1014.2	-12.7						
266	23	82.804	15.582	1006.7	-17.3						
267	24	82.767	15.585	1005.3	-23.0						
268	25	82.717	15.416	1016.7	-30.2						
269	26	82.690	15.390	1012.4	-32.3						
270	27	82.669	15.374	1008.7	-29.2						
271	28	82.642	15.390	1006.7	-30.3						
272	29	82.634	15.111	994.4	-21.4						
273	30	82.546	15.188	1001.1	-20.8						

BUOY 9262

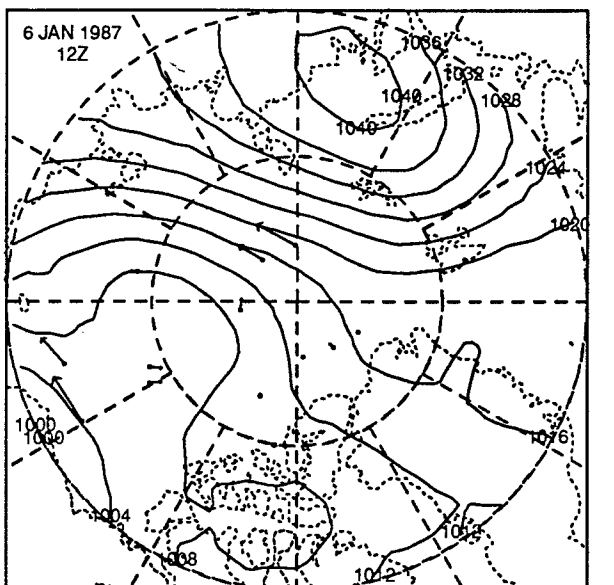
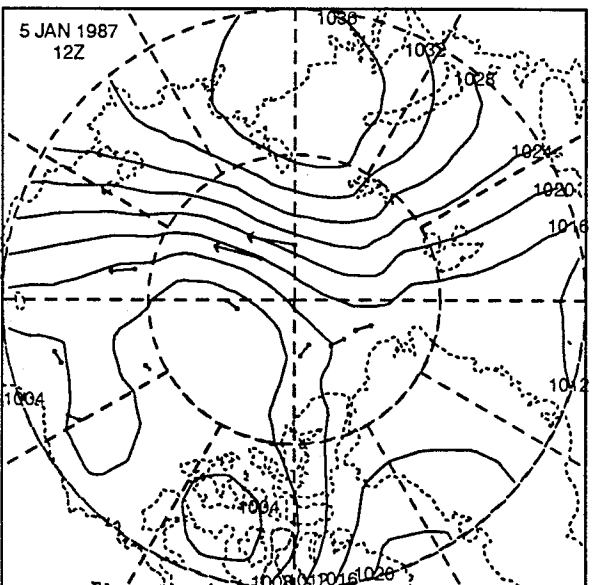
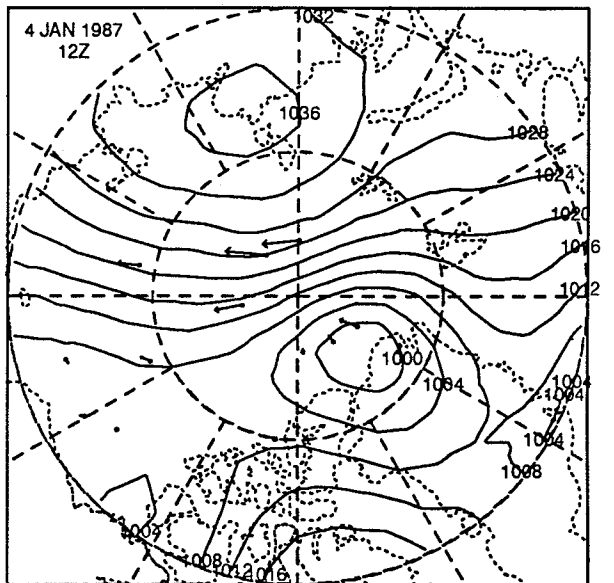
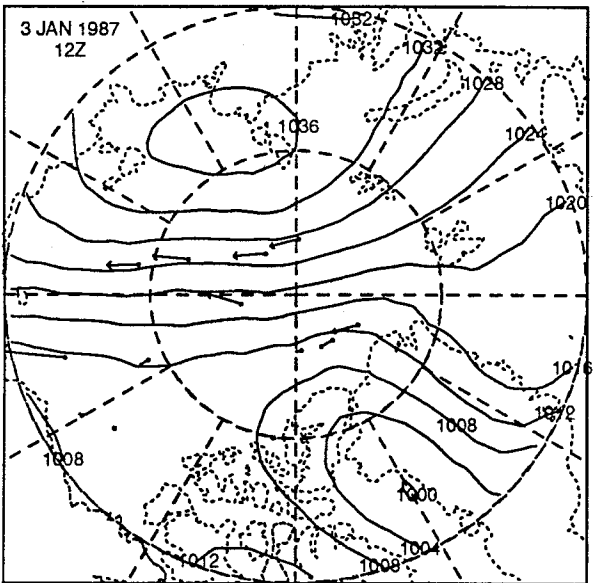
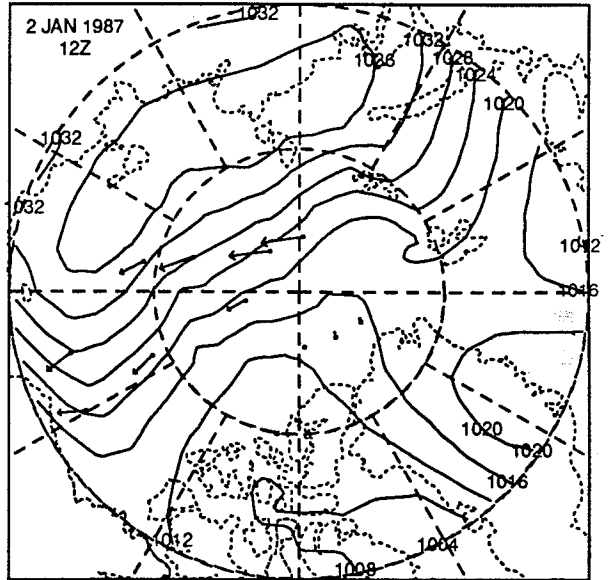
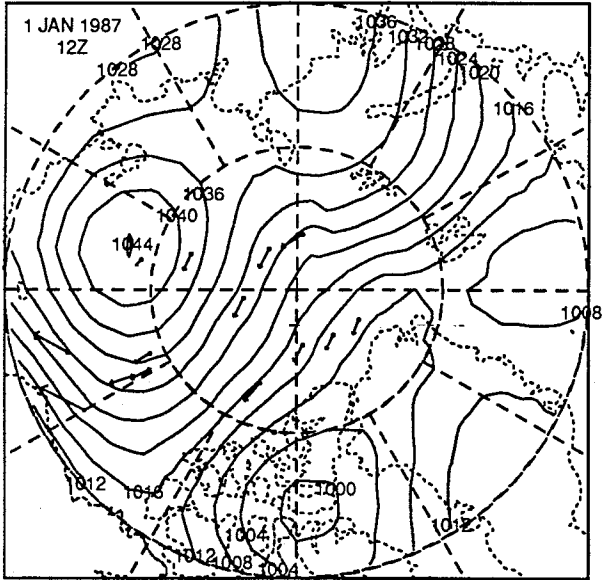
BUOY (9262) 87 Sep					BUOY (9262) 87 Oct						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
245	2	85.222	10.396	1004.9	-3.2	274	1	84.072	11.900	1007.8	-22.4*
246	3	85.219	11.776	1020.4	-3.1	275	2	83.978	12.409	1000.4	-15.3
247	4	85.286	12.535	1014.2	-3.2	276	3	83.895	13.143	994.7	-16.0
248	5	85.302	13.031	1011.8	-4.0	277	4	83.873	13.540	998.8	-18.6
249	6	85.276	13.109	1014.8	-6.1	278	5	83.808	13.901	998.9	-27.7
250	7	85.246	12.860	1013.0	-8.3	279	6	83.780	14.434	987.0	-22.5
251	8	85.235	12.603	1011.1	-11.1*	280	7	83.704	15.463	995.3	-17.5
252	9	85.161	12.240	1021.8	-12.0	281	8	83.663	15.456	1004.9	-23.6
253	10	85.163	11.881	1013.7	-13.6	282	9	83.559	15.837	1013.9	-19.5
254	11	85.139	12.196	1005.5	-8.3	283	10	83.460	17.013	1006.4	-16.6
255	12	85.045	11.993	1015.9	-10.8	284	11	83.410	17.159	997.6	-21.2
256	13	85.002	11.331	1013.3	-14.9	285	12	83.352	17.414	997.7	-19.7
257	14	84.916	9.702	1009.1	-9.4	286	13	83.327	18.187	1004.1	-19.8
258	15	84.839	8.749	1013.0	-10.9	287	14	83.334	18.373	1012.8	-20.5
259	16	84.813	8.582	1013.9	-11.8	288	15	83.329	18.509	1017.2	-25.9
260	17	84.716	8.160	1026.9	-10.8	289	16	83.296	18.670	1006.8	-27.7
261	18	84.652	8.458	1022.5	-12.5	290	17	83.261	20.191	1001.6	-23.5
262	19	84.618	9.101	1015.4	-12.2	291	18	83.230	21.234	1004.0	-20.8
263	20	84.553	9.373	1013.2	-10.3	292	19	83.272	21.361	992.5	-24.0*
264	21	84.507	9.153	1017.9	-13.0	293	20	83.180	21.012	1012.5	-22.6
265	22	84.446	9.285	1013.6	-15.0	294	21	83.004	21.224	1021.9	-18.4
266	23	84.404	9.217	1007.2	-18.0	295	22	82.959	21.237	1037.0	-20.3
267	24	84.342	9.342	1004.0	-22.3	296	23	83.006	21.590	1028.4	-8.7
268	25	84.286	9.277	1015.2	-27.7	297	24	83.074	22.389	999.5	-0.3
269	26	84.290	10.029	1008.4	-20.8	298	25	83.033	23.240	997.5	-16.6*
270	27	84.292	10.520	1007.8	-23.1	299	26	82.976	23.120	1010.8	-25.4
271	28	84.264	10.983	1005.0	-24.2	300	27	82.924	22.932	1013.4	-30.5
272	29	84.251	11.225	997.2	-22.0	301	28	82.892	22.869	1019.1	-29.5
273	30	84.166	11.555	995.8	-25.0	302	29	82.883	22.419	1010.0	-24.8
						303	30	82.868	21.660	1015.2	-23.8
						304	31	82.825	21.262	1018.6	-25.9

BUOY (9262) 87 Nov					BUOY (9262) 87 Dec						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
305	1	82.810	21.156	1017.6	-31.2	335	1	81.851	10.557	1024.1	-37.9
306	2	82.801	20.604	1016.5	-27.9	336	2	81.798	10.518	1030.3	-39.7
307	3	82.821	19.579	1005.1	-21.6	337	3	81.748	10.320	1028.9	-38.0
308	4	82.783	18.538	995.9	-23.3	338	4	81.629	9.849	1017.2	-30.4
309	5	82.633	17.645	1013.6	-29.1	339	5	81.551	9.466	1019.8	-29.5
310	6	82.510	17.150	1022.0	-30.9	340	6	81.507	9.797	1011.8	-19.4
311	7	82.416	16.657	1026.2	-32.6	341	7	81.480	10.044	1007.7	-24.0
312	8	82.371	16.415	1023.3	-35.2	342	8	81.441	9.732	1016.3	-33.7
313	9	82.345	16.296	1017.6	-36.5	343	9	81.403	9.485	1022.6	-35.7
314	10	82.323	16.107	1015.6	-32.4	344	10	81.382	9.330	1024.1	-33.0
315	11	82.327	15.894	1015.4	-19.6	345	11	81.371	8.959	1020.9	-33.2
316	12	82.388	16.017	1008.8	-12.6	346	12	81.342	8.397	1020.3	-31.9
317	13	82.379	16.052	1008.0	-17.6	347	13	81.300	7.623	1015.0	-29.1
318	14	82.360	15.865	1013.9	-28.8	348	14	81.262	6.987	1013.3	-31.2
319	15	82.374	15.445	1014.0	-30.6	349	15	81.212	6.332	1012.1	-31.3
320	16	82.379	14.872	1017.4	-32.1	350	16	81.114	5.737	1010.5	-29.9
321	17	82.409	14.013	1017.3	-22.1	351	17	81.062	5.115	1010.6	-25.0
322	18	82.465	13.667	1011.9	-22.5	352	18	81.025	4.479	1011.6	-23.8
323	19	82.463	13.794	1015.2	-26.0	353	19	80.994	3.946	1009.6	-24.5
324	20	82.431	13.061	1005.2	-20.4	354	20	80.992	3.673	1006.9	-23.4*
325	21	82.338	12.222		-23.1	355	21	80.910	3.607	1014.1	-29.4
326	22	82.237	12.211	1023.9	-33.7	356	22	80.847	2.683	1008.5	-25.4
327	23	82.185	12.539	1021.1	-29.9	357	23	80.618	1.126	1006.0	-24.8
328	24	82.123	12.772	1021.2	-26.8	358	24	80.192	0.231	998.1	-27.0
329	25	82.220	12.738	990.2	-14.1	359	25	79.659	-0.465	994.5	-27.2
330	26	82.195	12.414	986.5	-15.9	360	26	79.057	-1.764	996.5	-16.7
331	27	82.071	11.775	998.3	-21.8	361	27	78.460	-3.020	1009.2	-20.2
332	28	81.998	11.810	1012.3	-30.0	362	28	77.932	-3.896	1017.2	-23.6
333	29	81.957	10.956	994.2	-24.7	363	29	77.461	-3.742	1014.5	-23.1
334	30	81.877	10.778	1022.9	-35.1	364	30	76.956	-3.715	1008.3	-17.9
						365	31	76.558	-4.290	1013.5	-21.8*

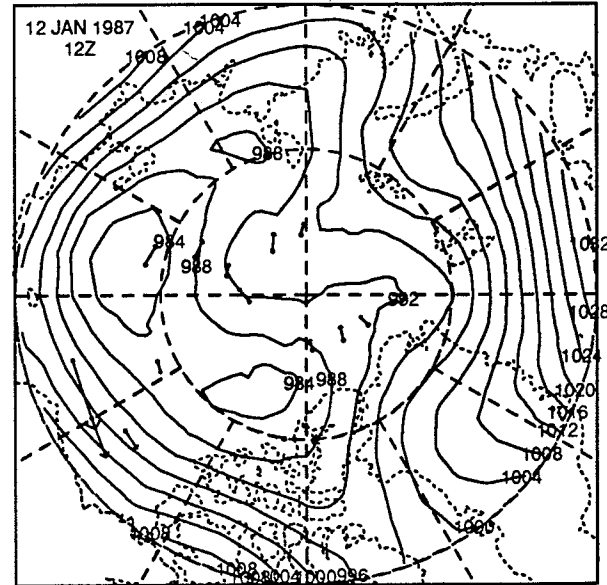
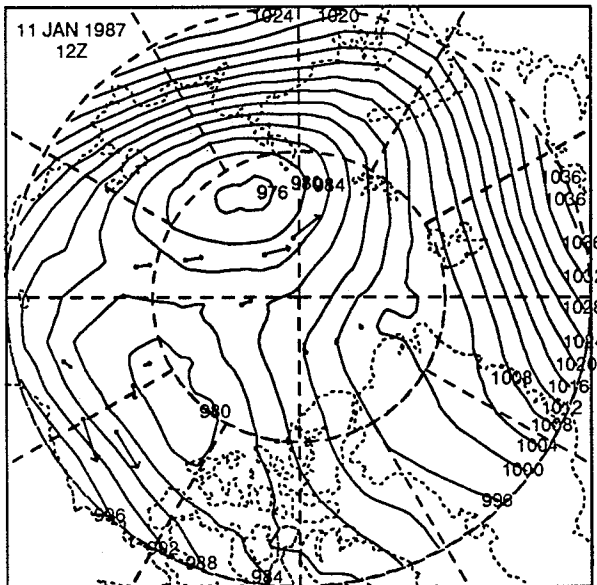
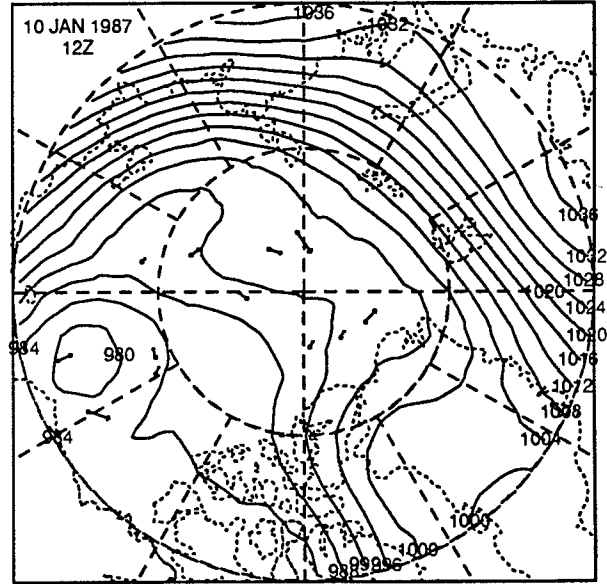
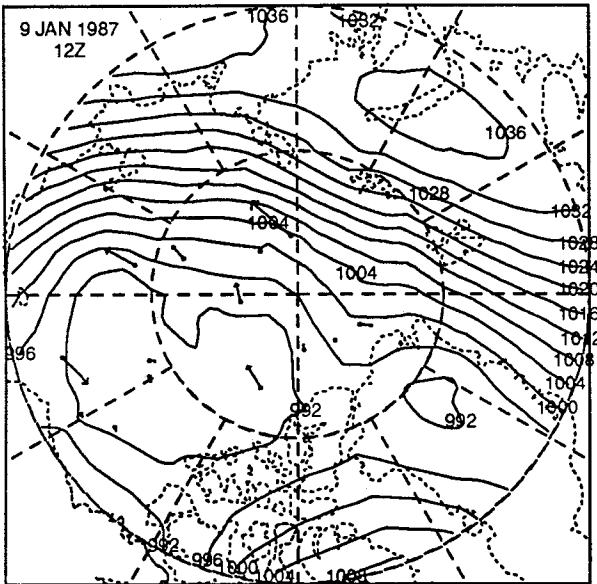
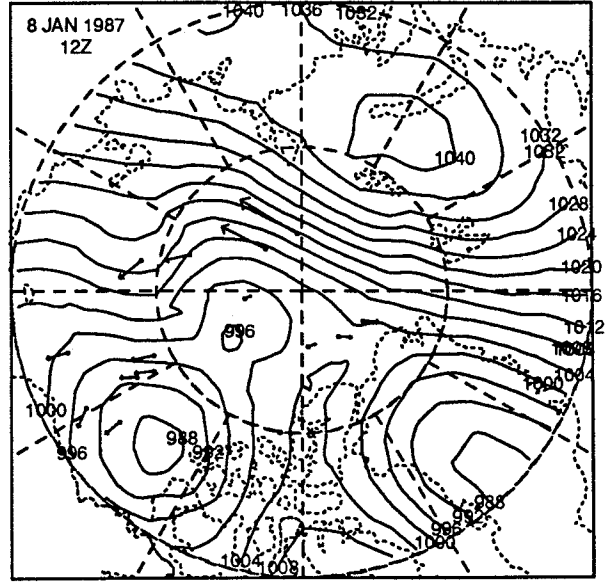
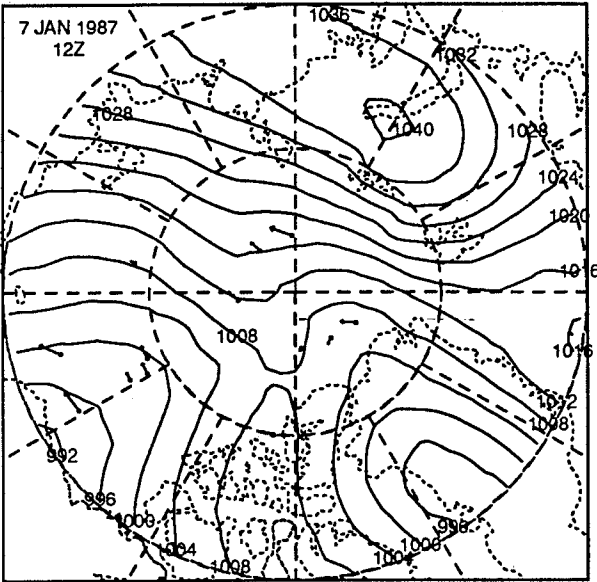
Graphical Data

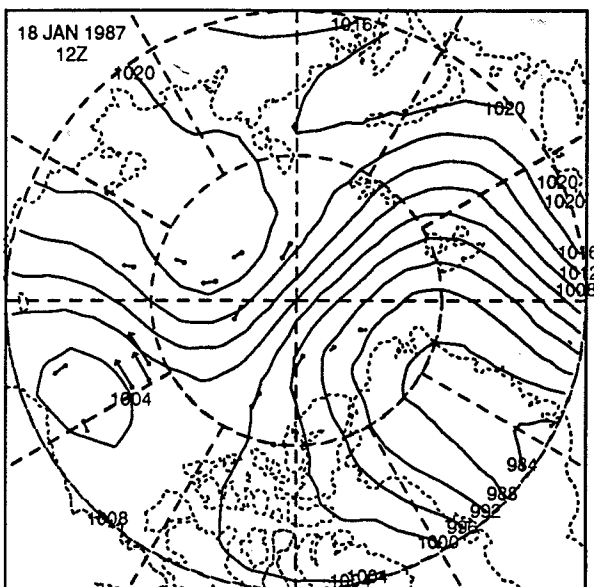
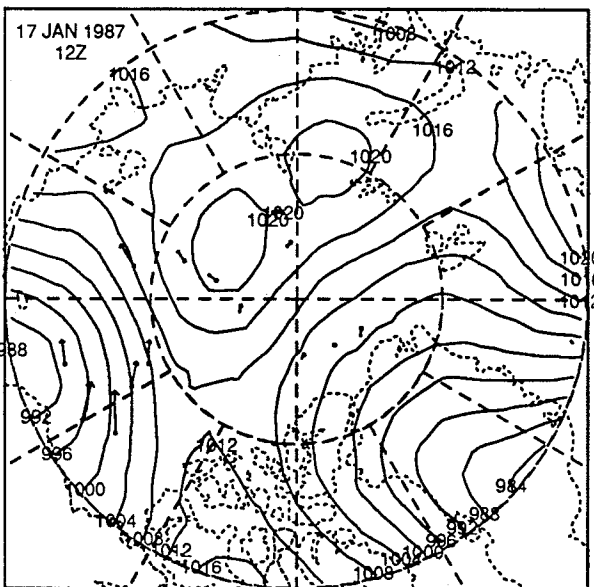
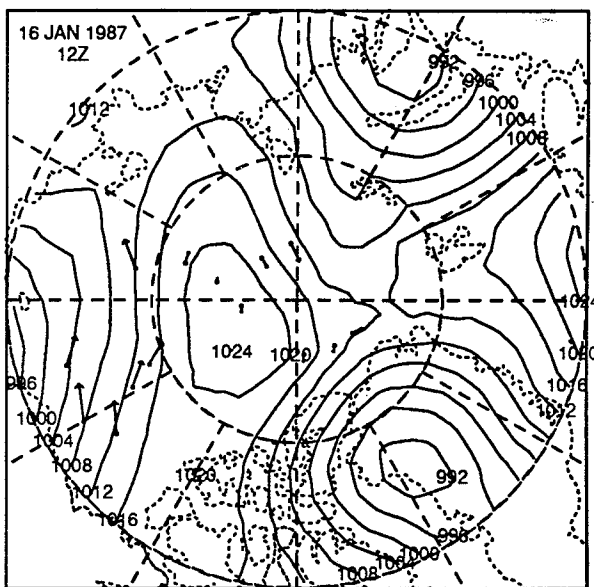
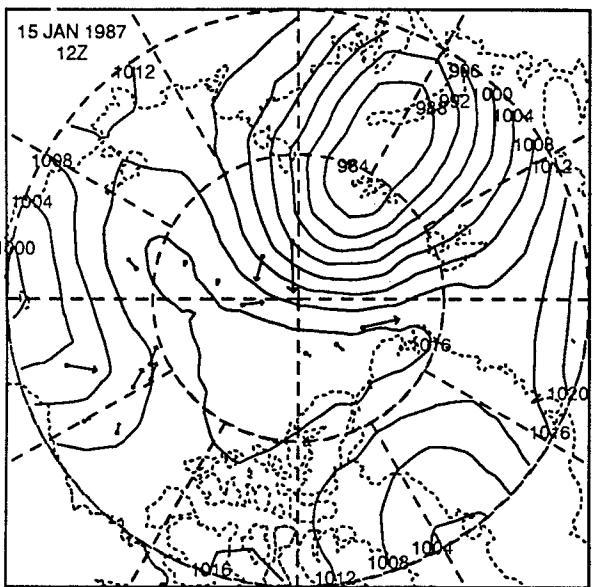
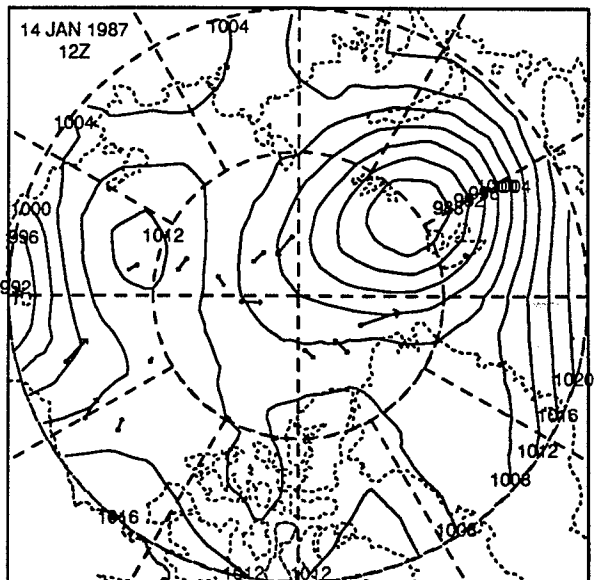
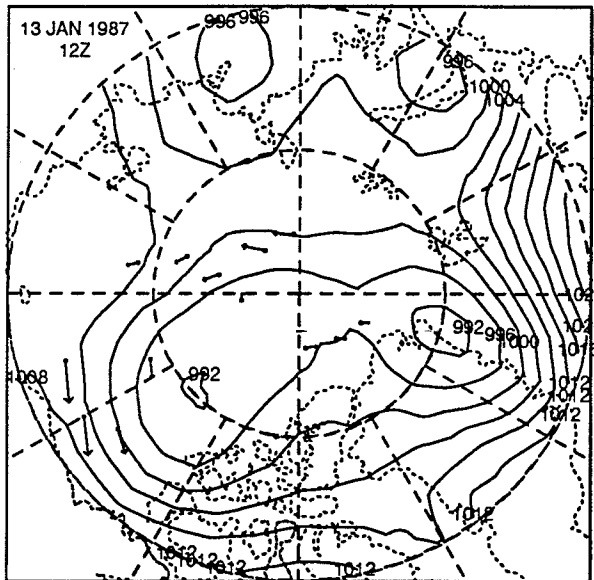
The plots show contours of surface pressure at 1200 GMT. The daily displacement of each buoy is indicated by a vector originating from the buoy's current position at the beginning of each day. A vector of length 1cm corresponds to a displacement of 20 km. Buoy positions and displacements were not plotted 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 1987 - 6 JAN 1987

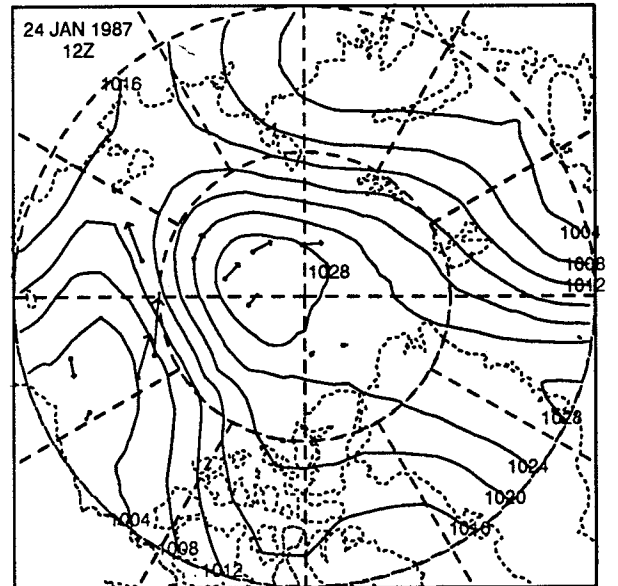
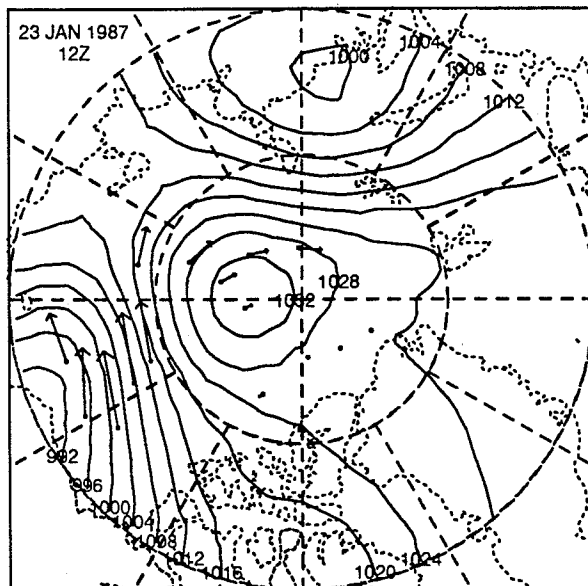
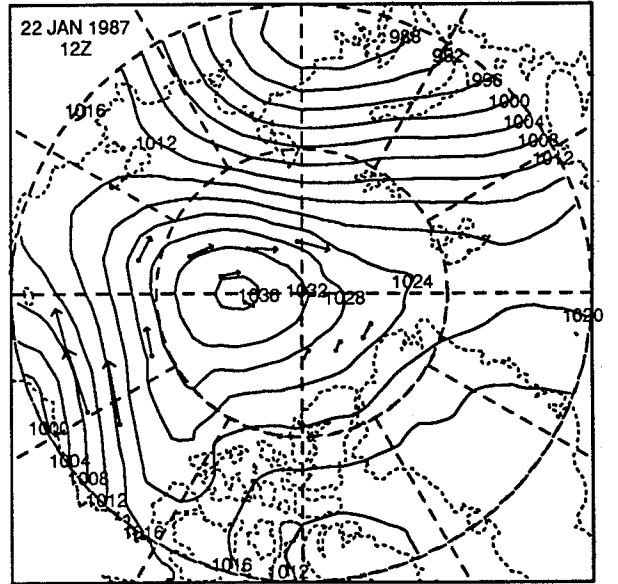
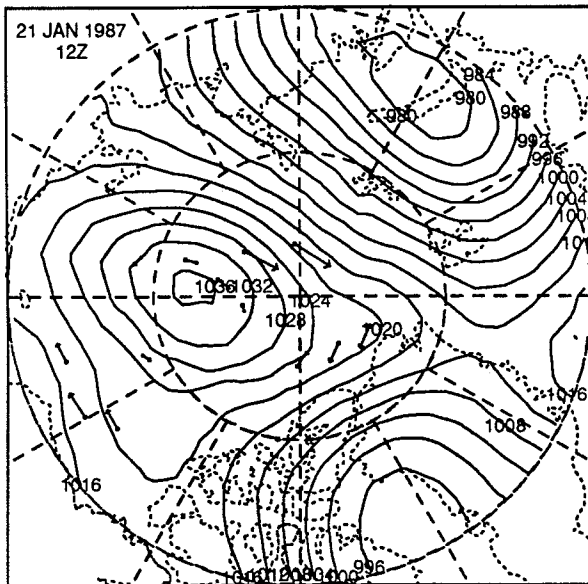
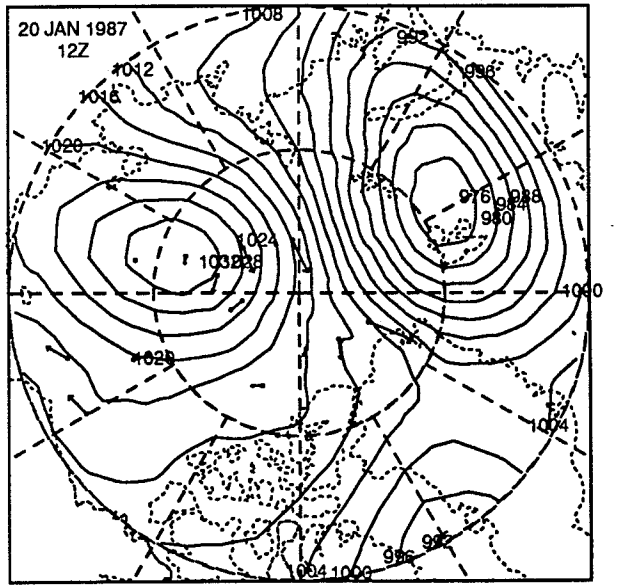
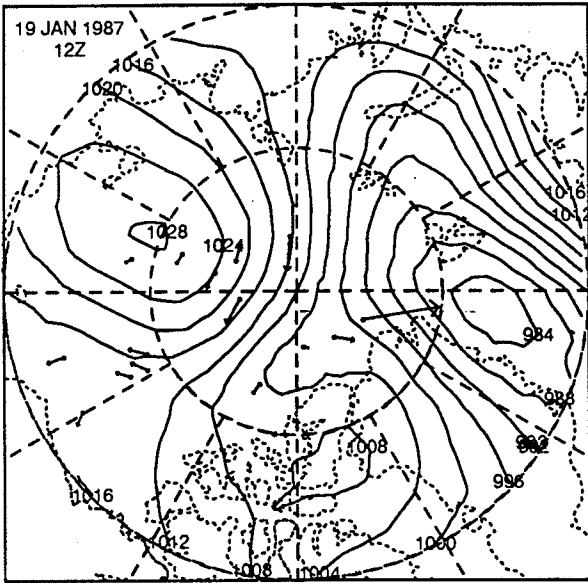


7 JAN 1987 - 12 JAN 1987

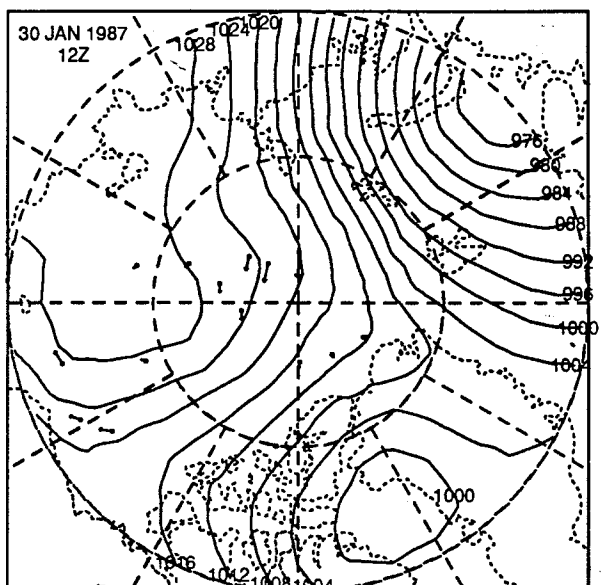
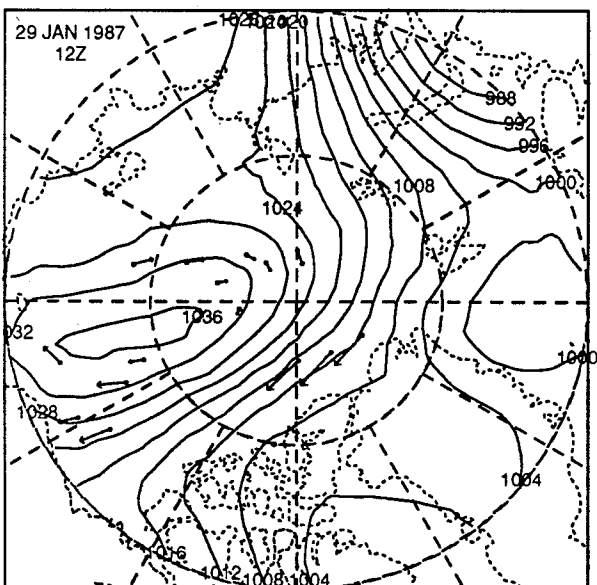
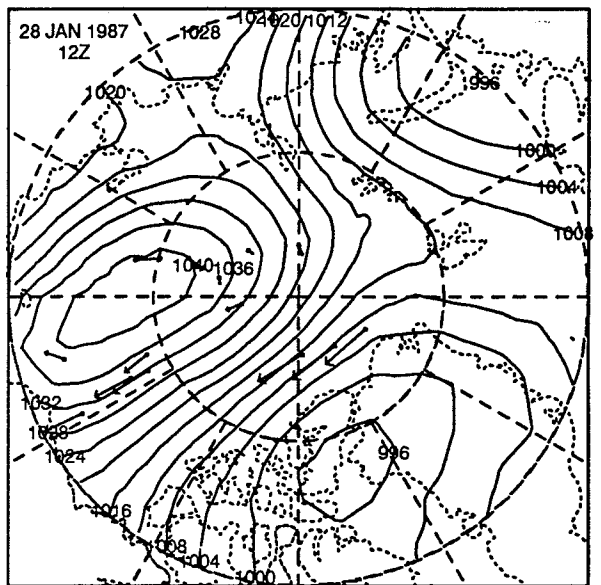
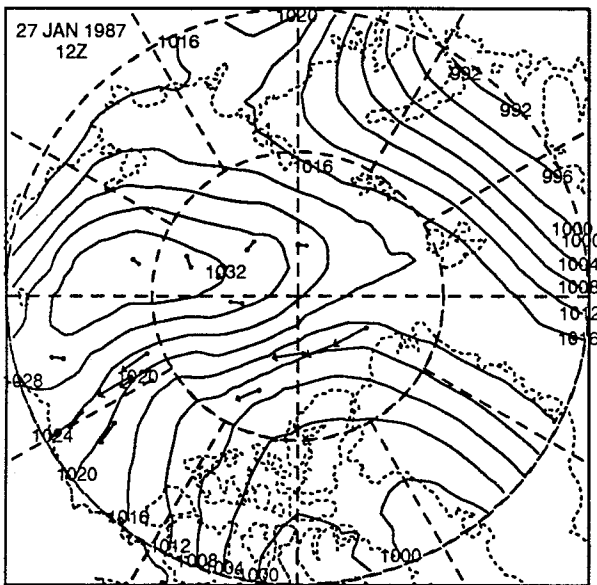
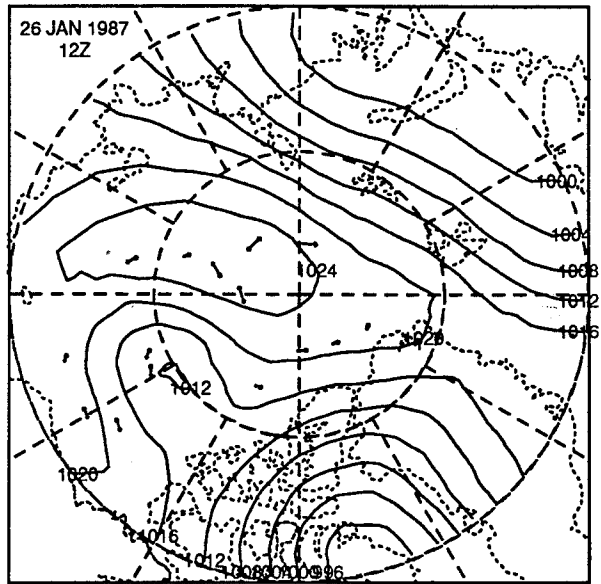
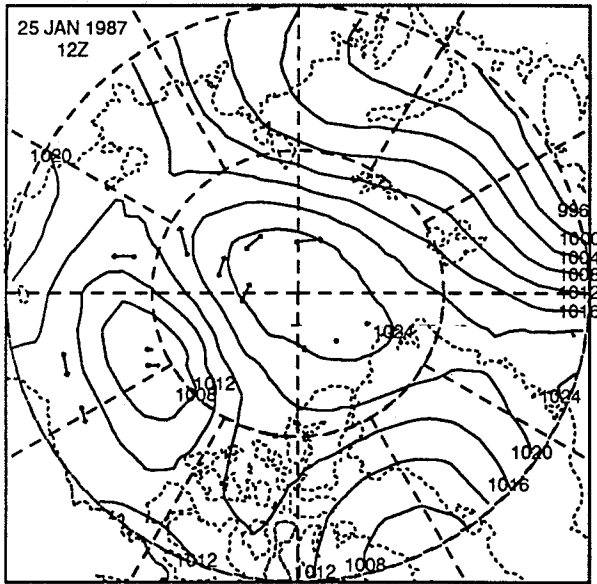


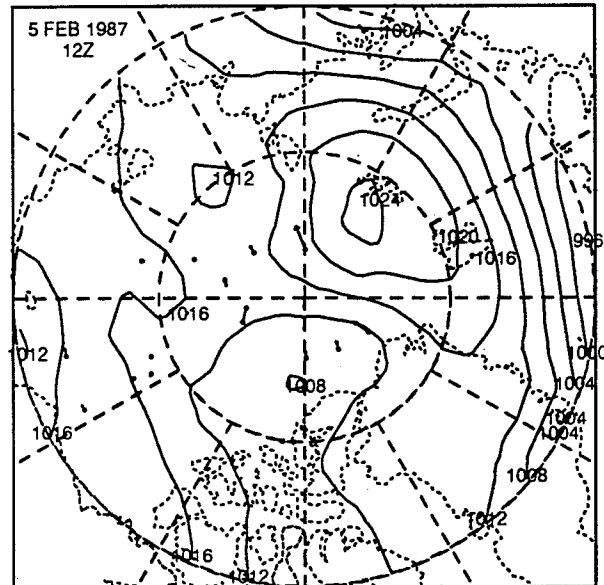
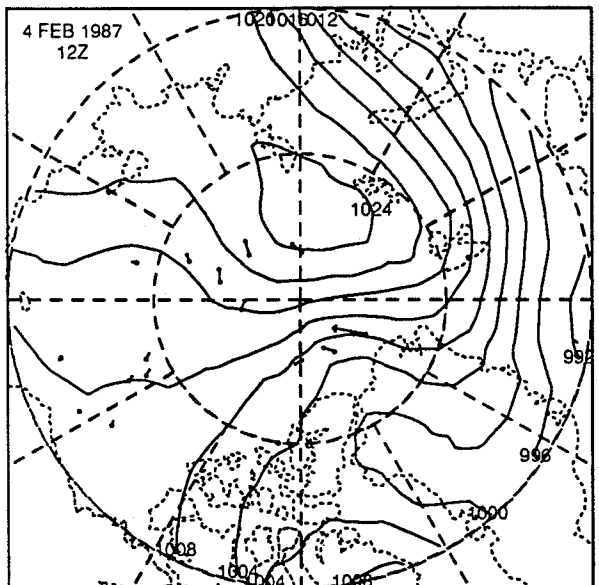
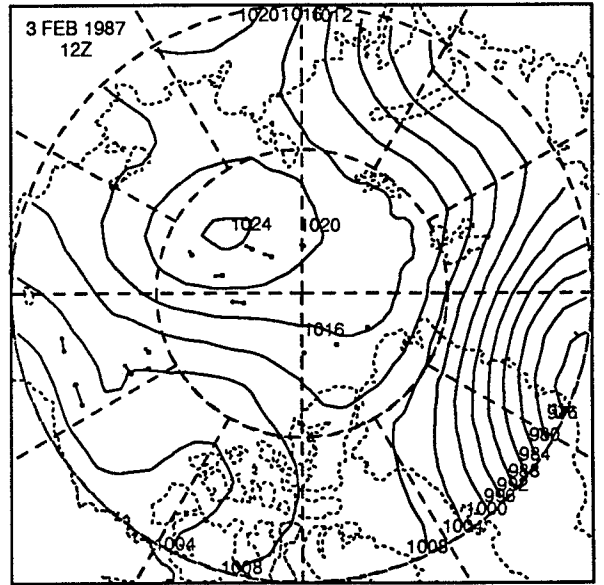
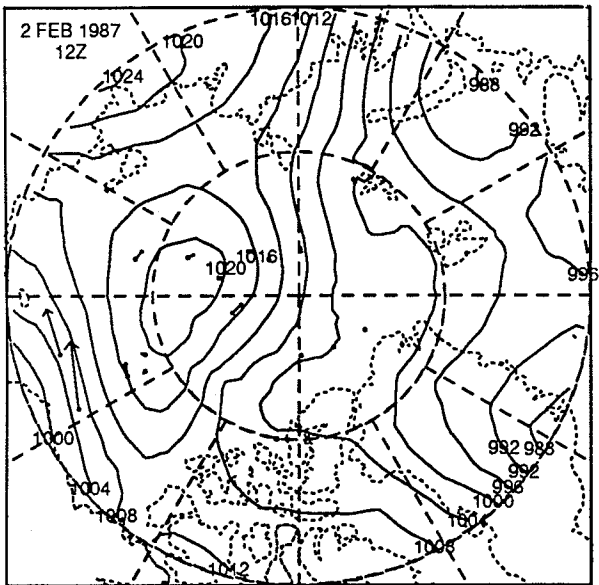
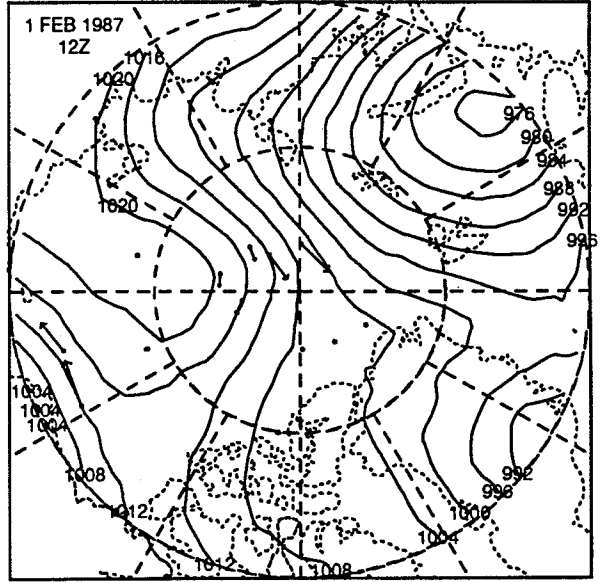
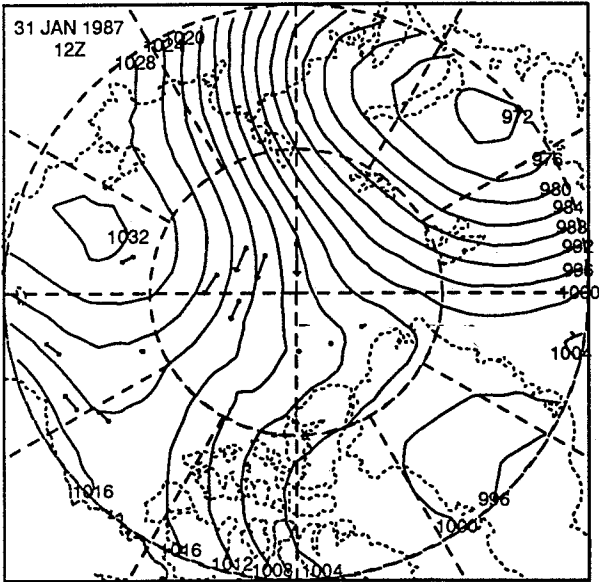


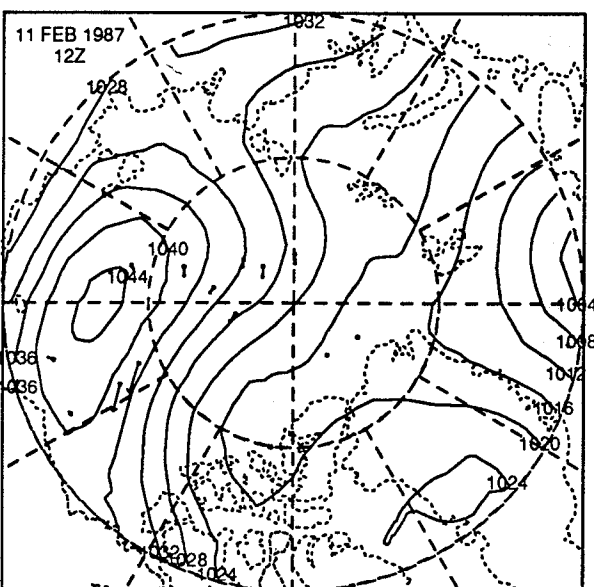
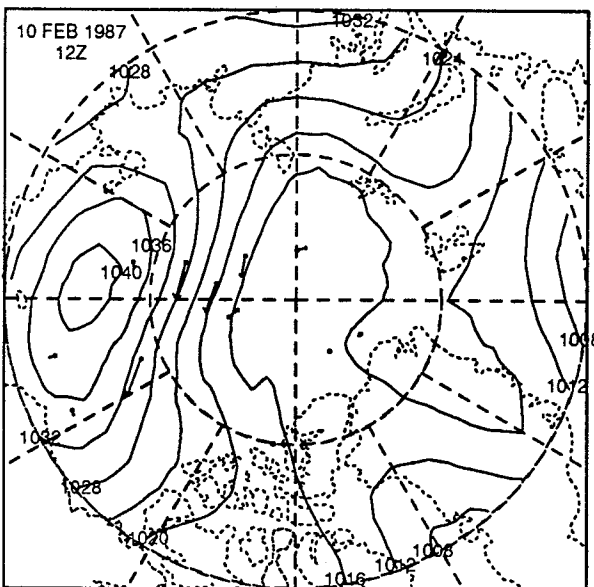
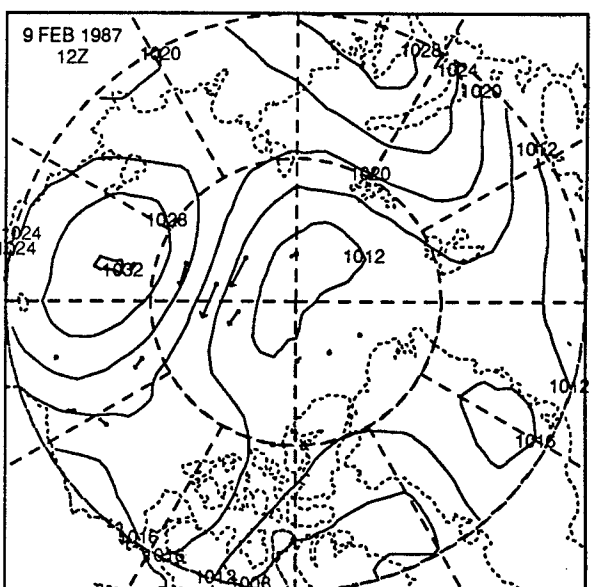
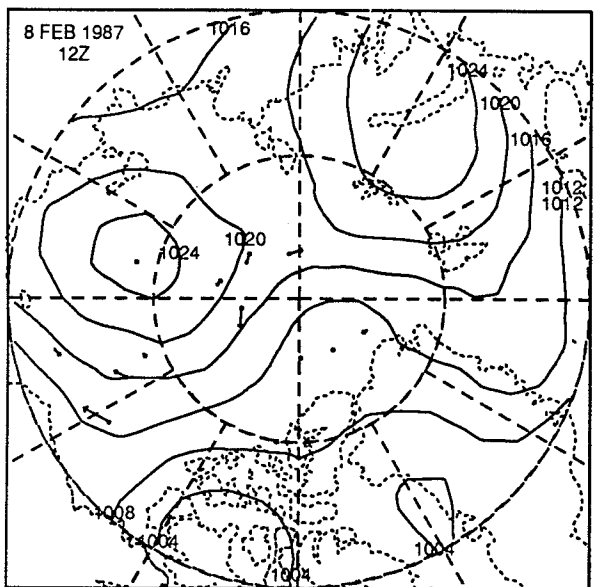
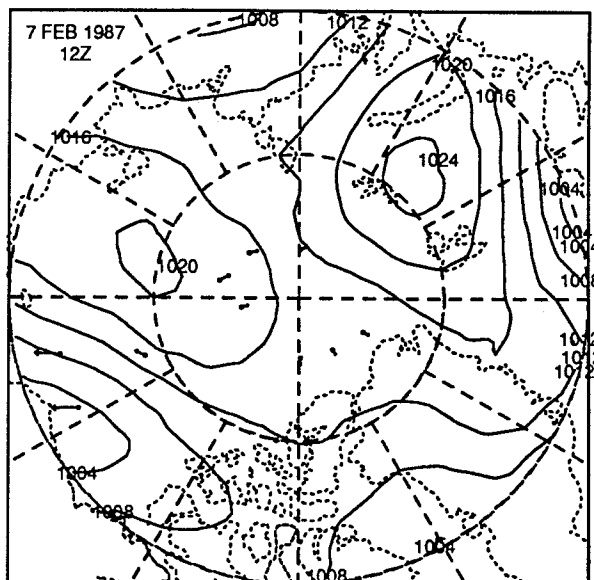
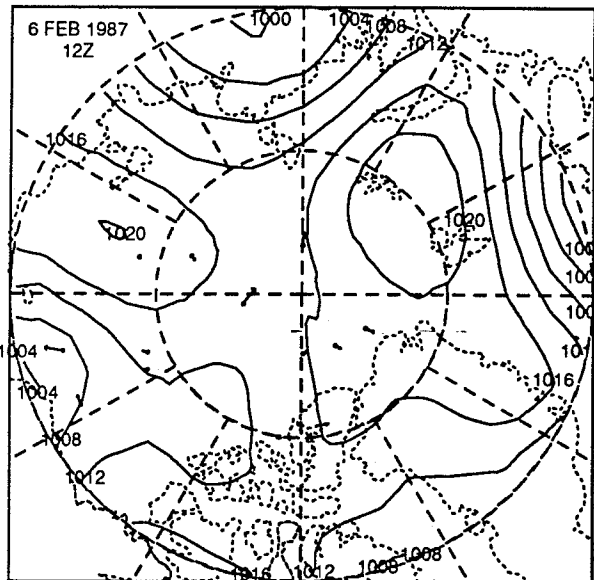
19 JAN 1987 - 24 JAN 1987

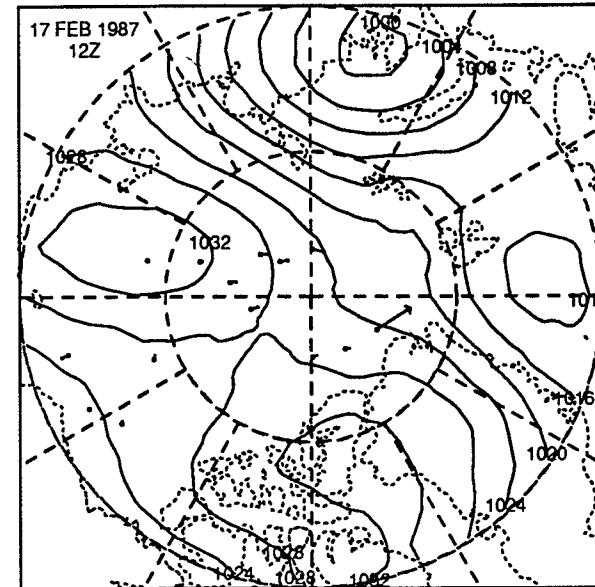
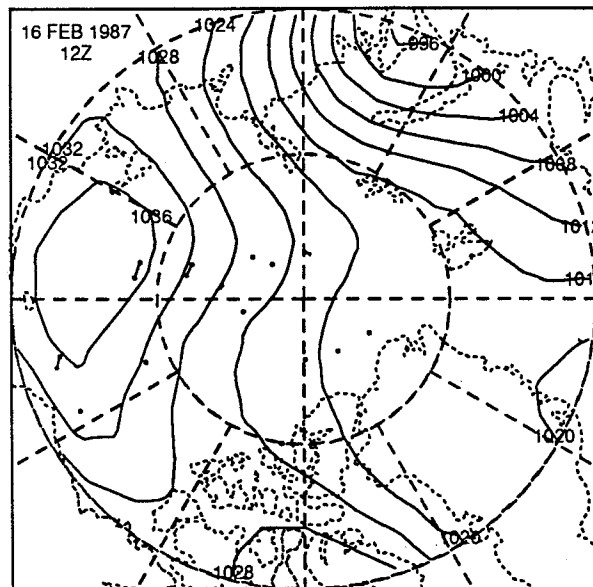
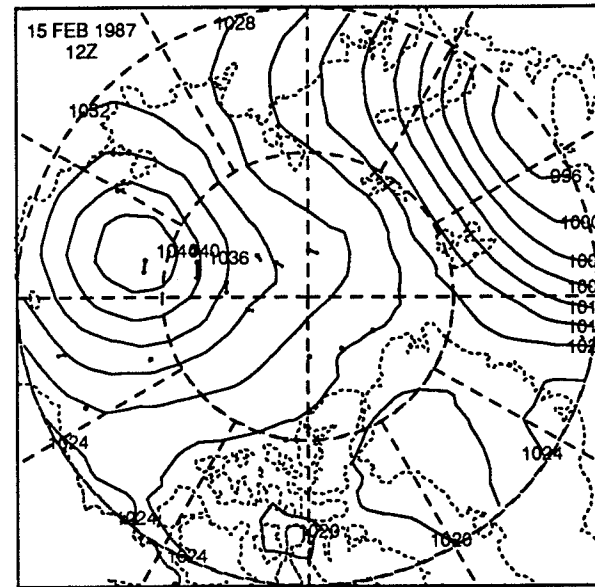
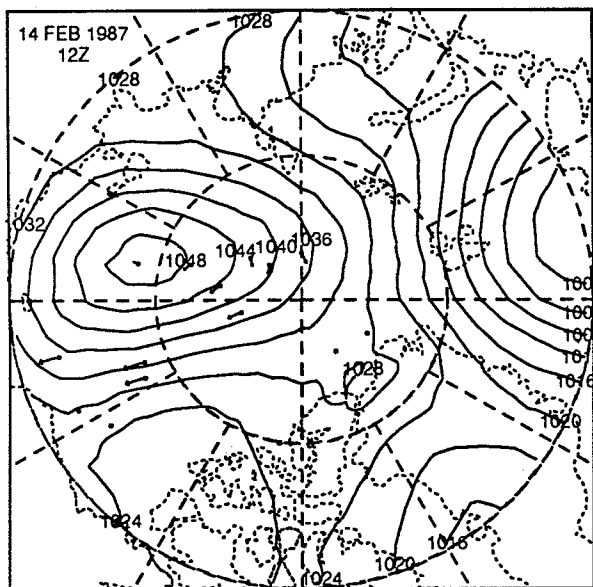
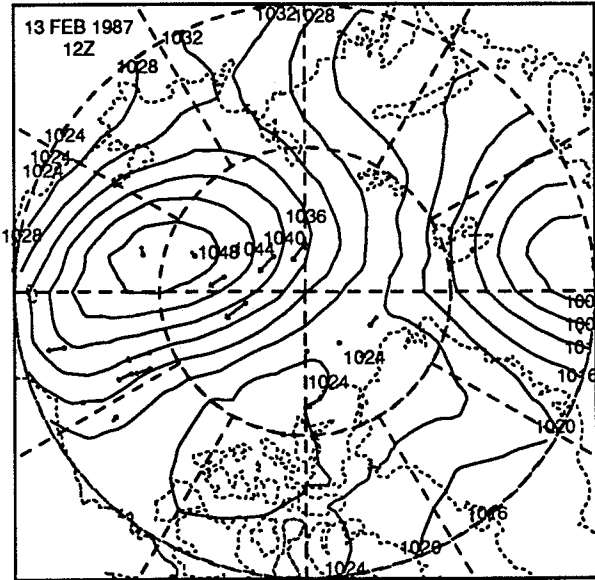
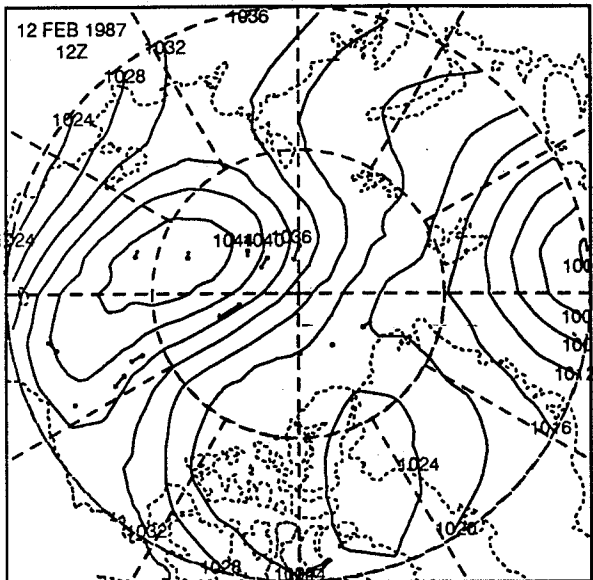


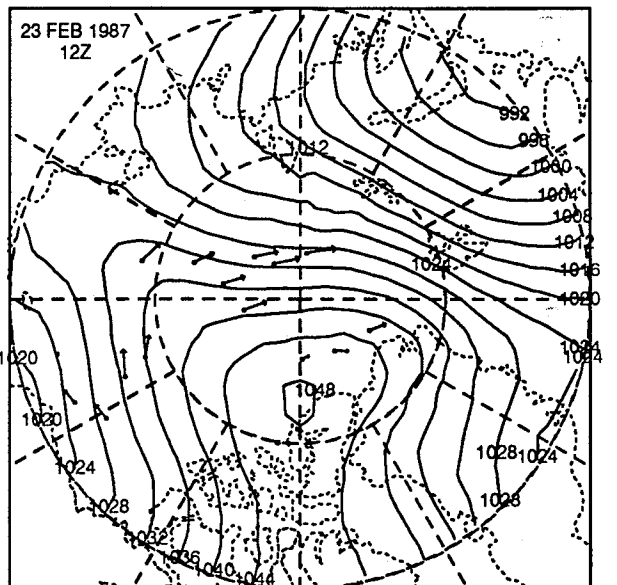
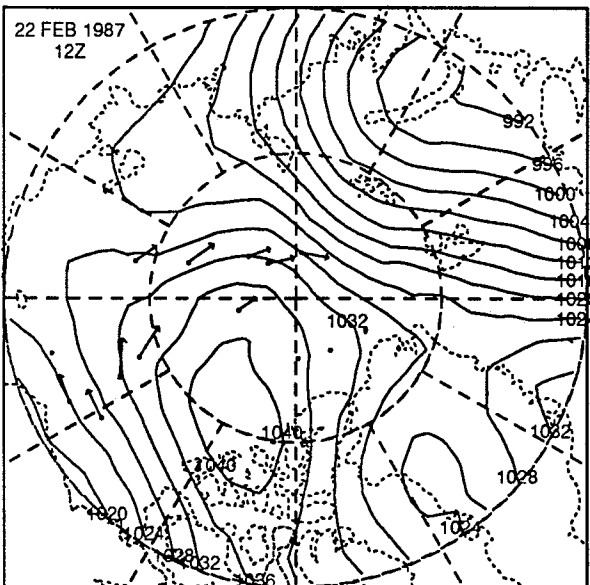
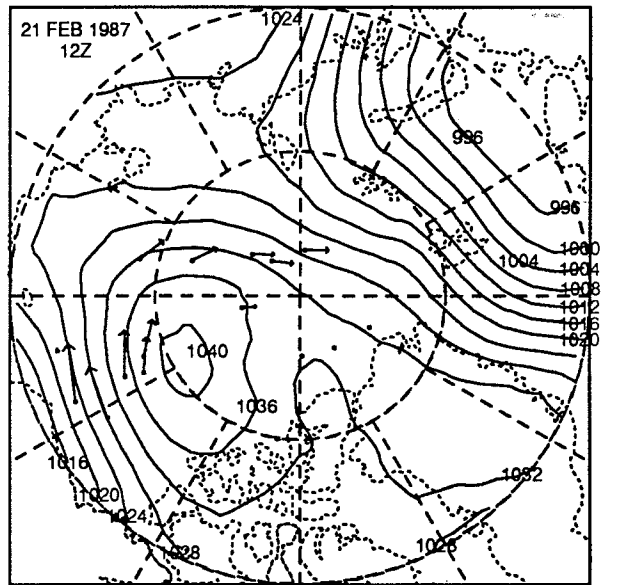
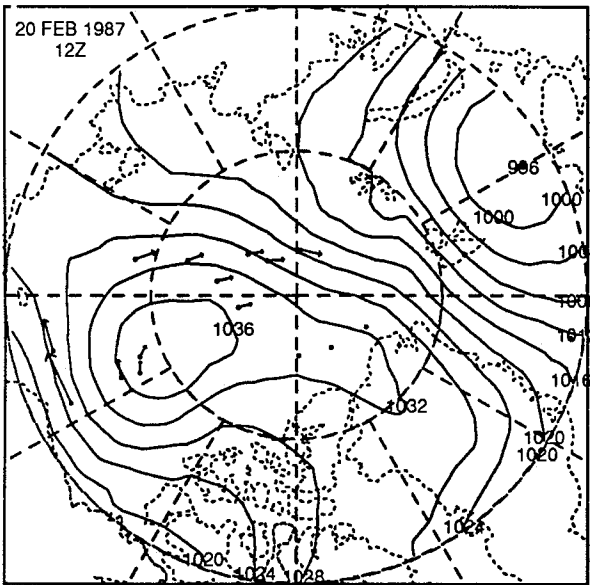
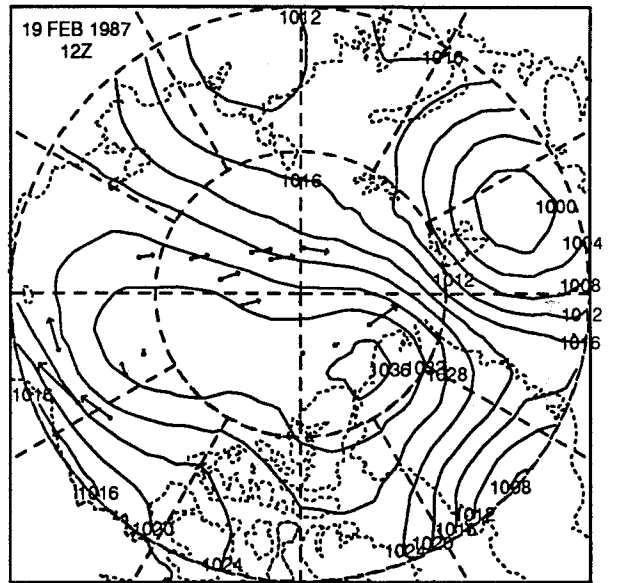
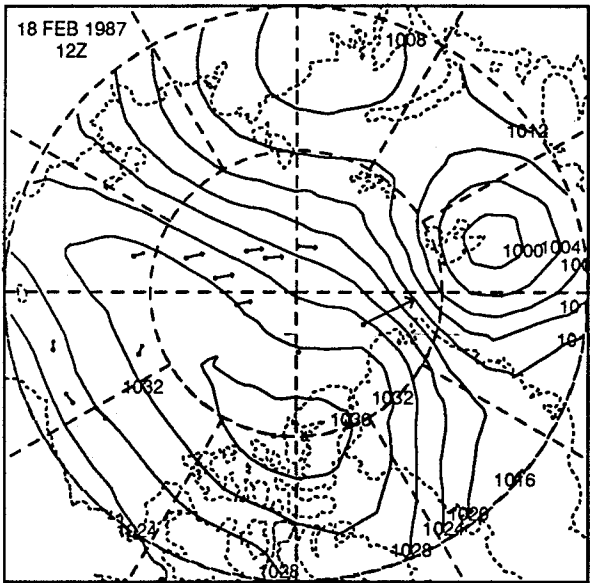
25 JAN 1987 - 30 JAN 1987



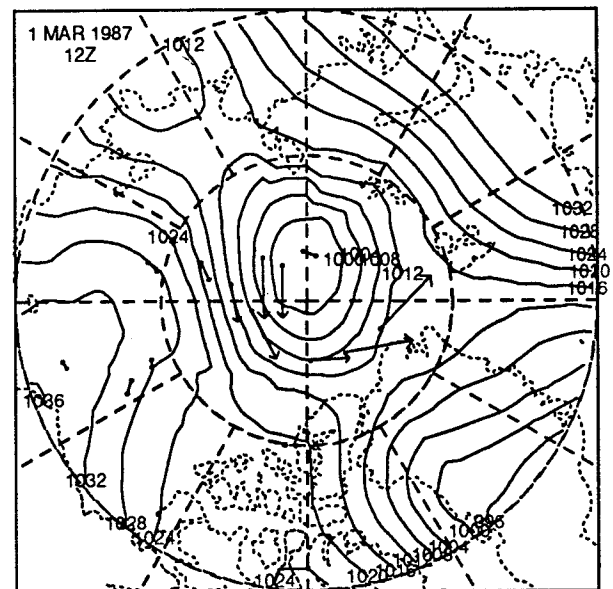
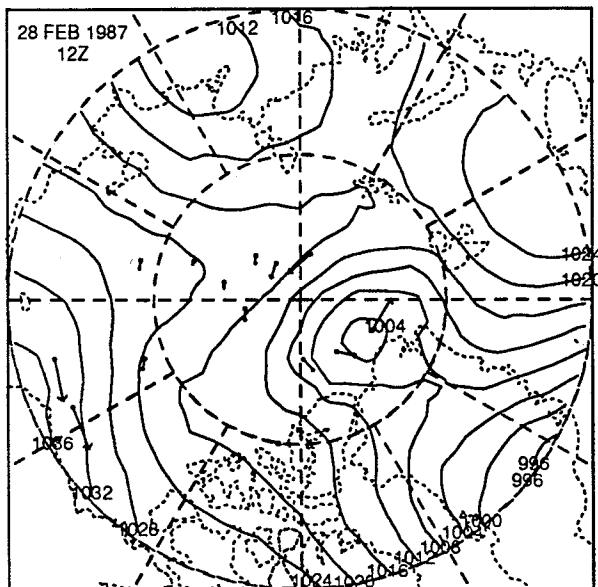
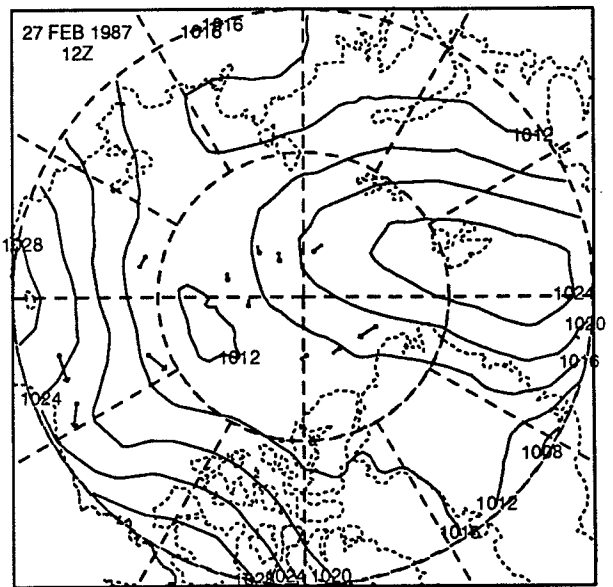
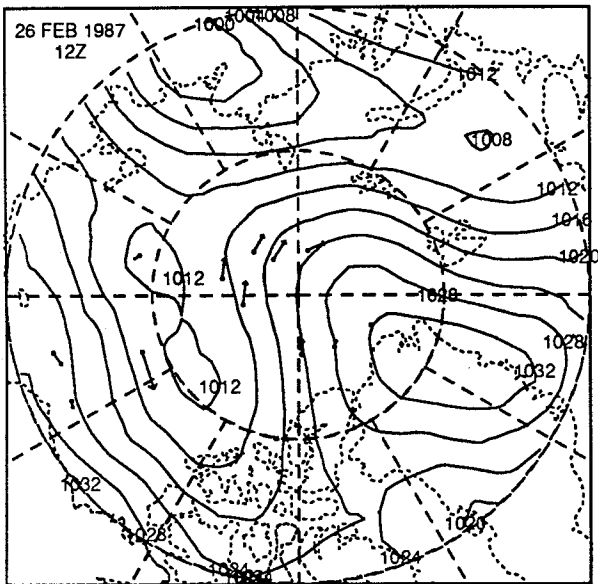
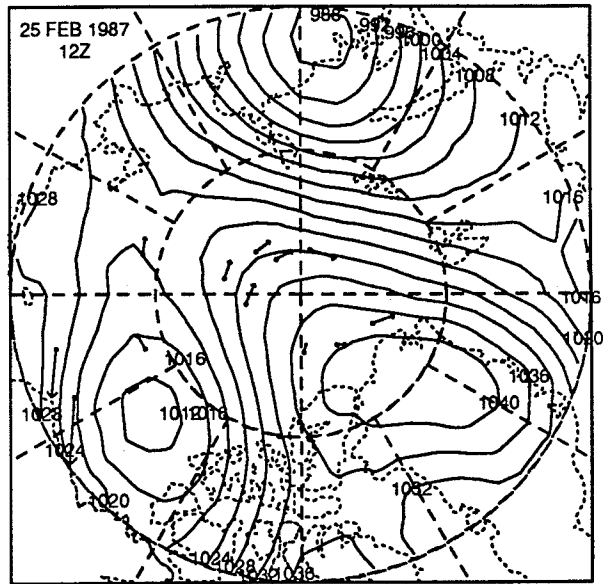
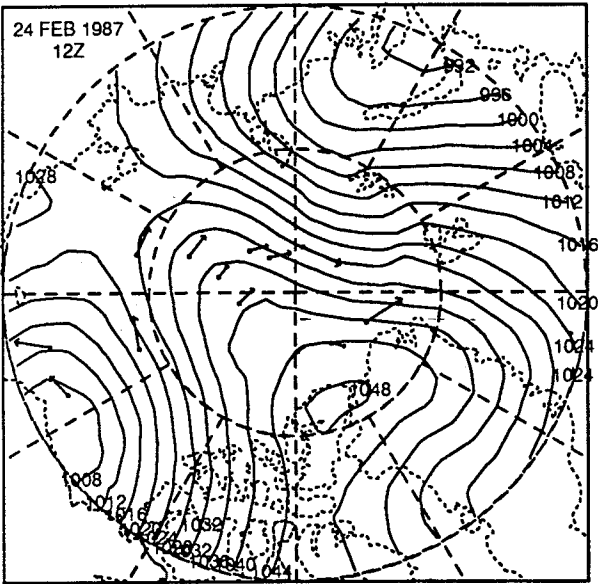




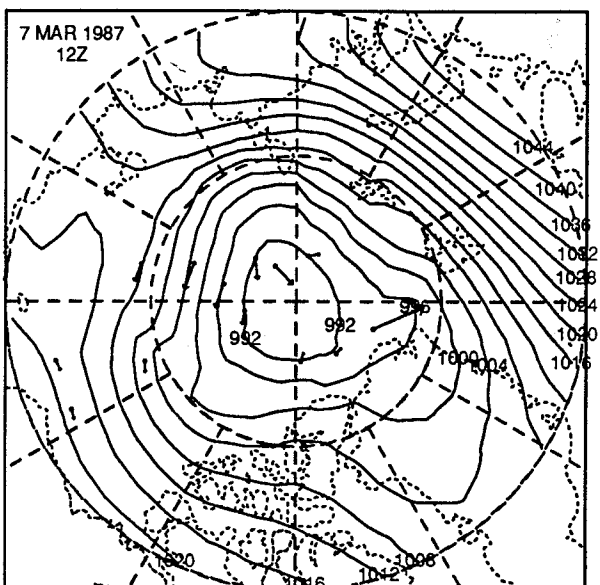
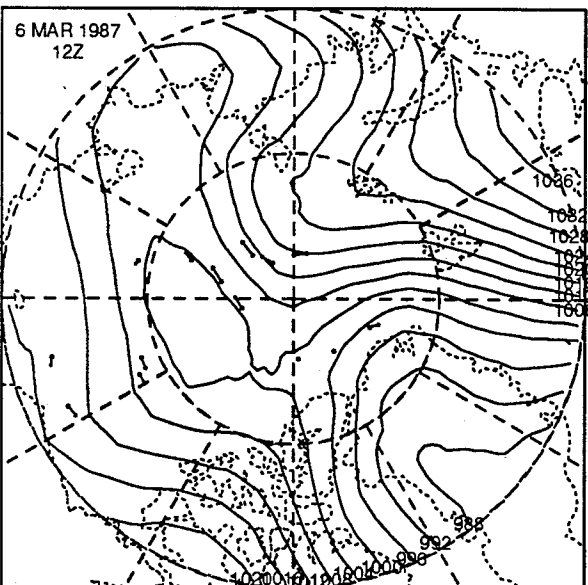
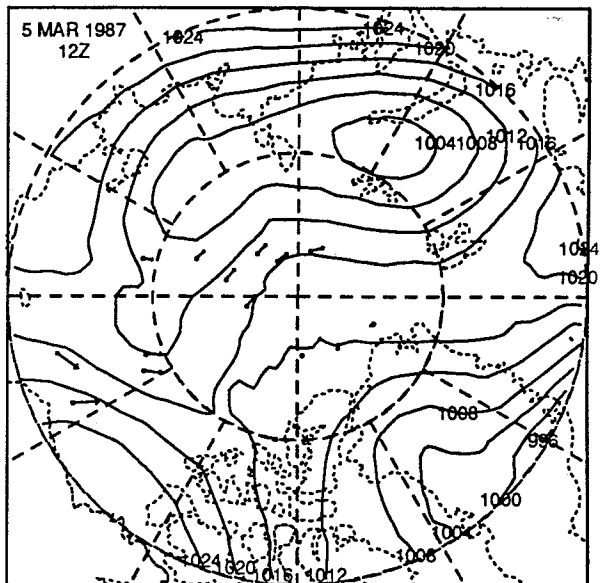
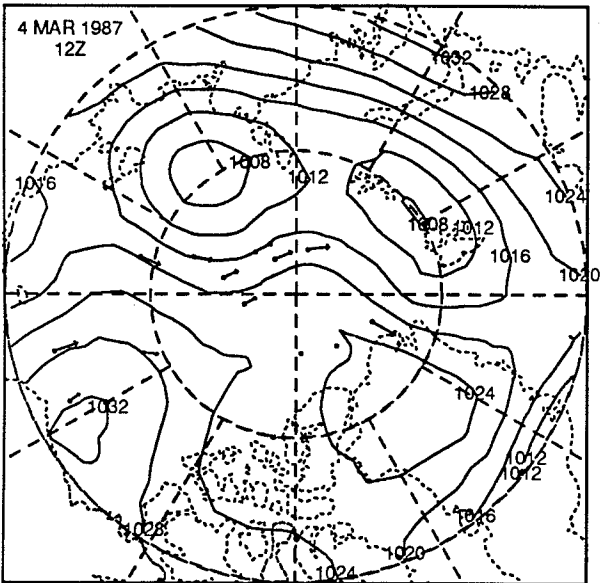
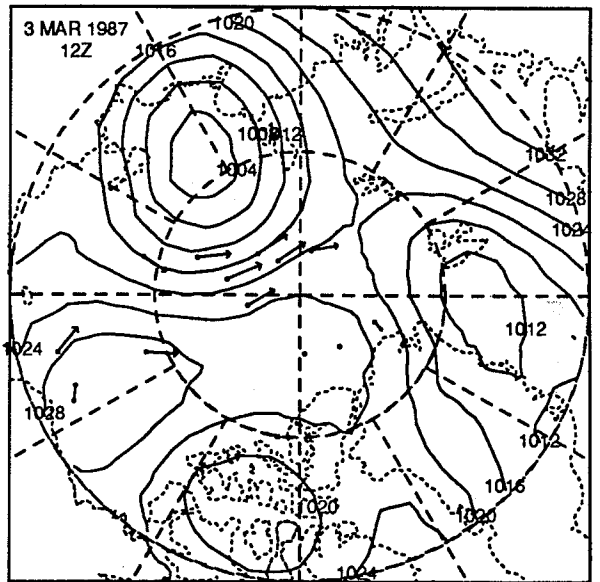
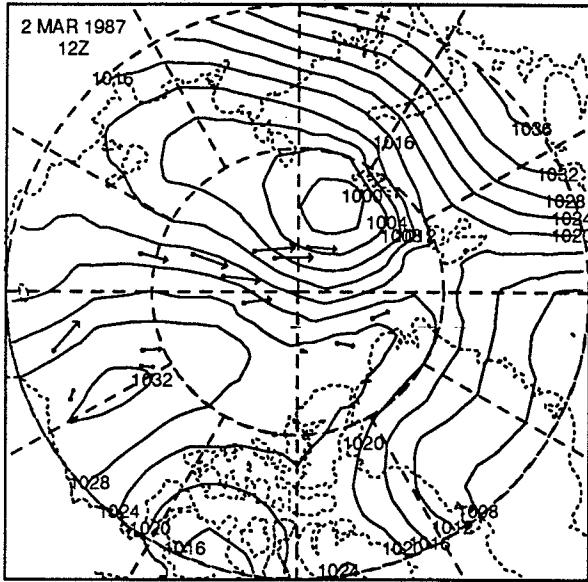




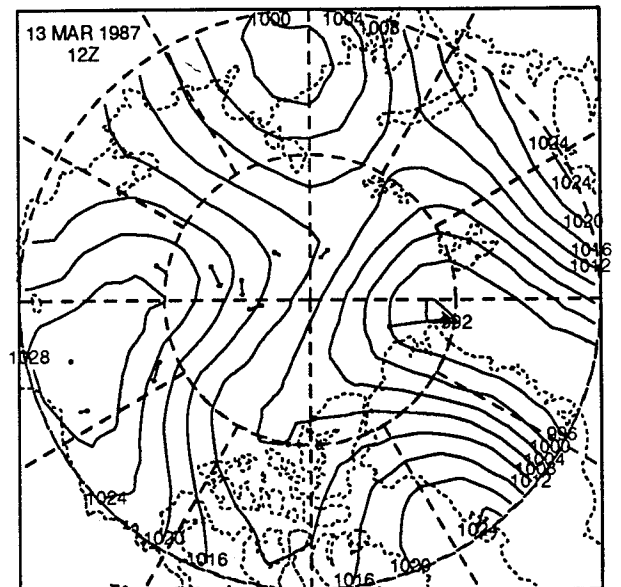
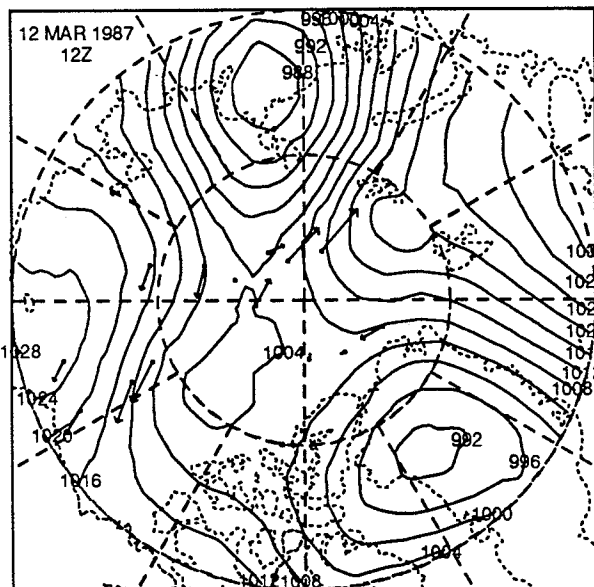
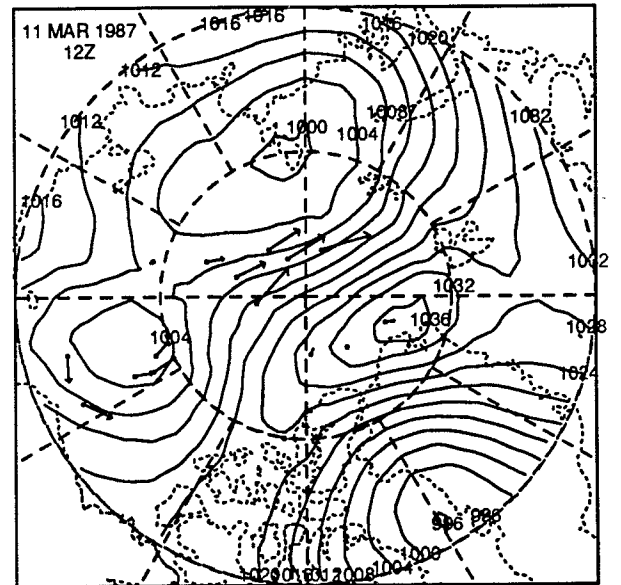
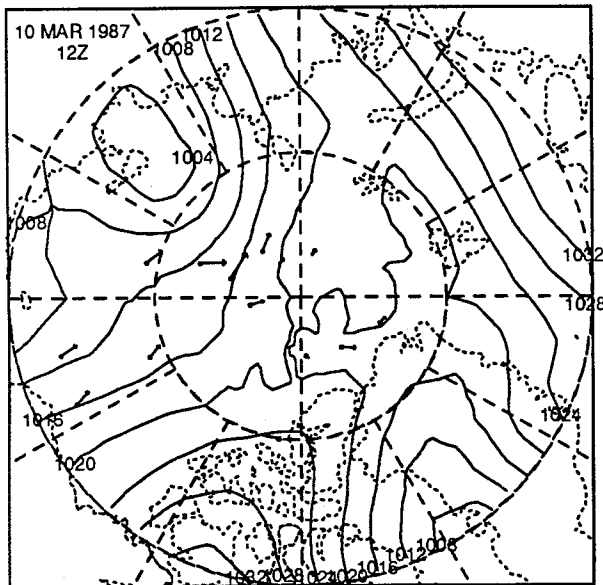
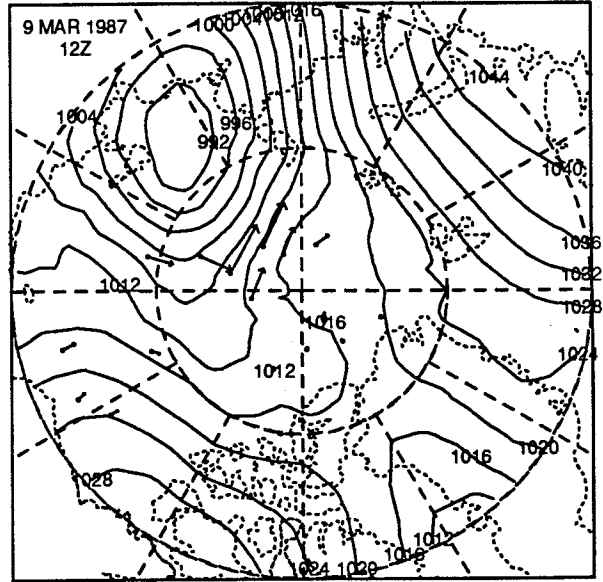
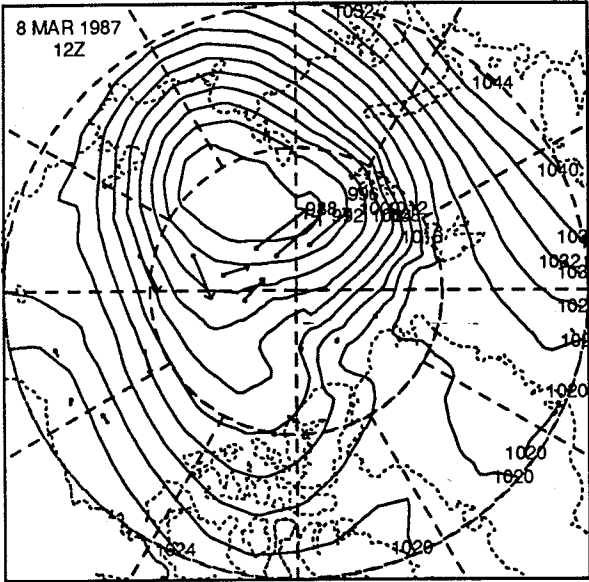
24 FEB 1987 - 1 MAR 1987



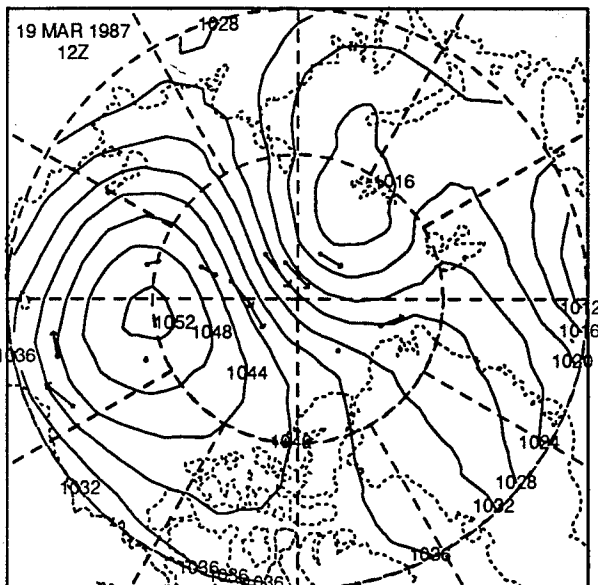
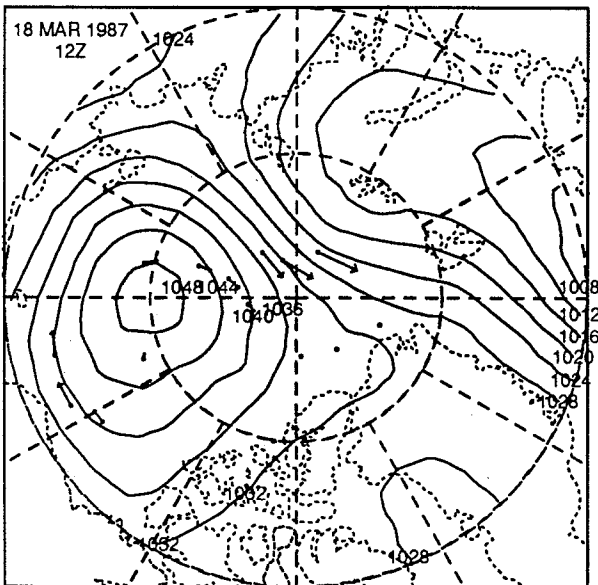
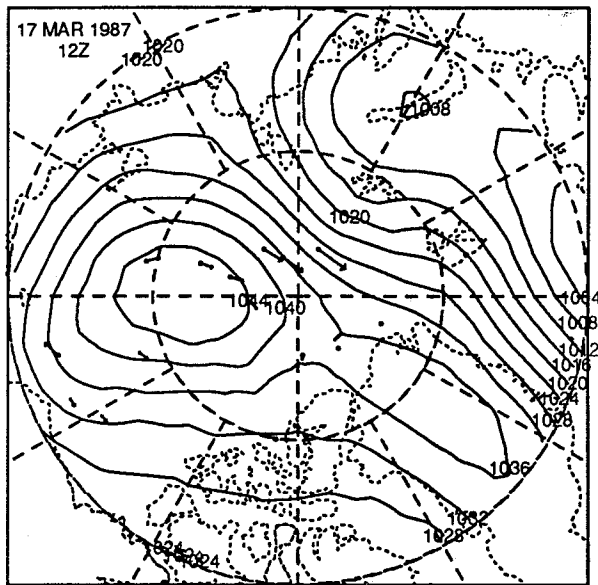
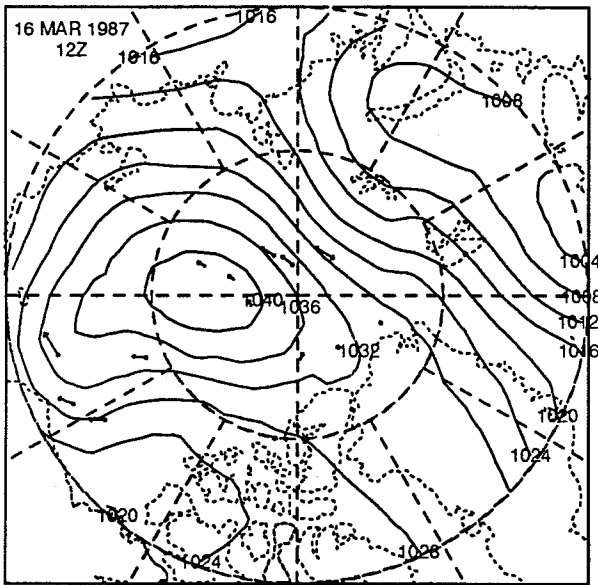
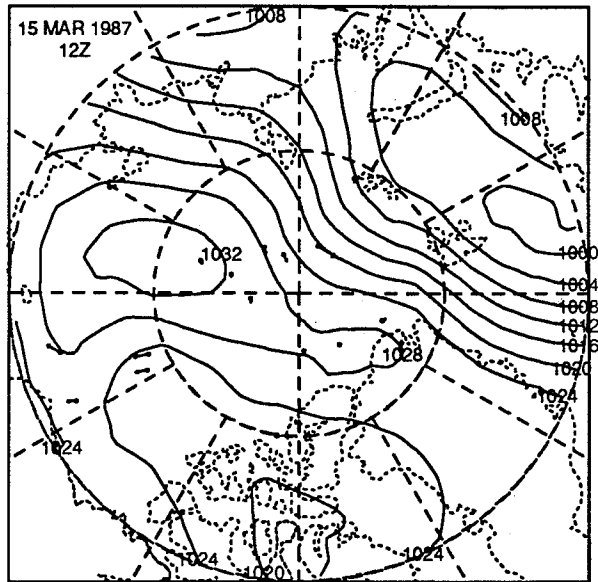
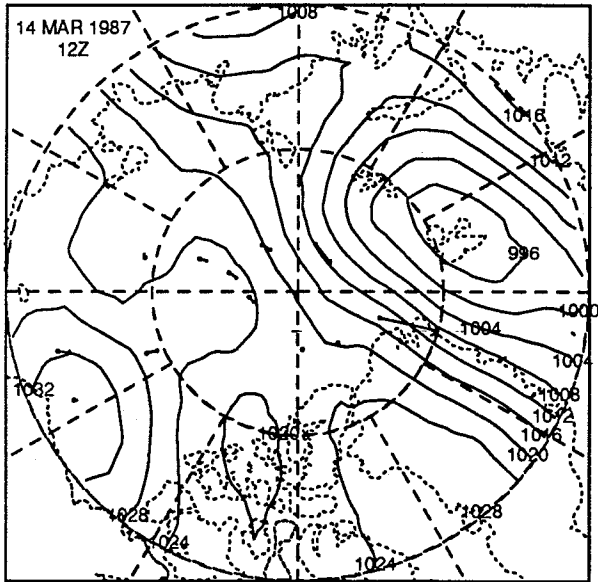
2 MAR 1987 - 7 MAR 1987



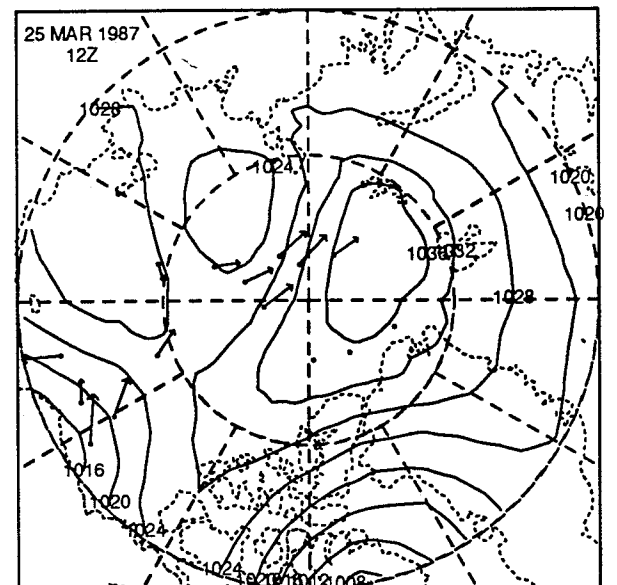
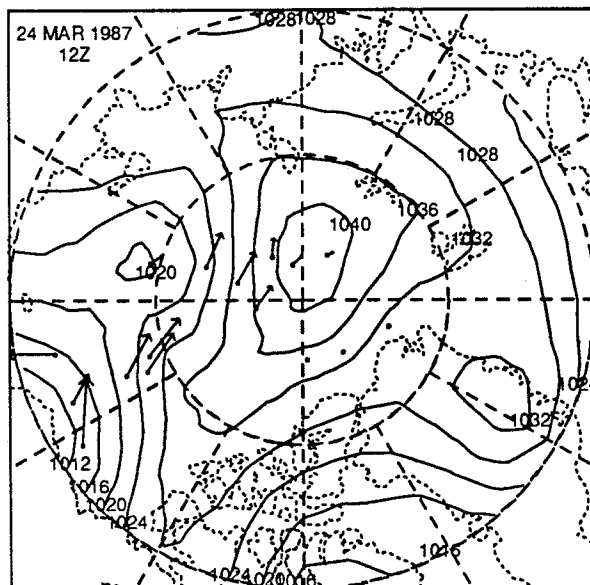
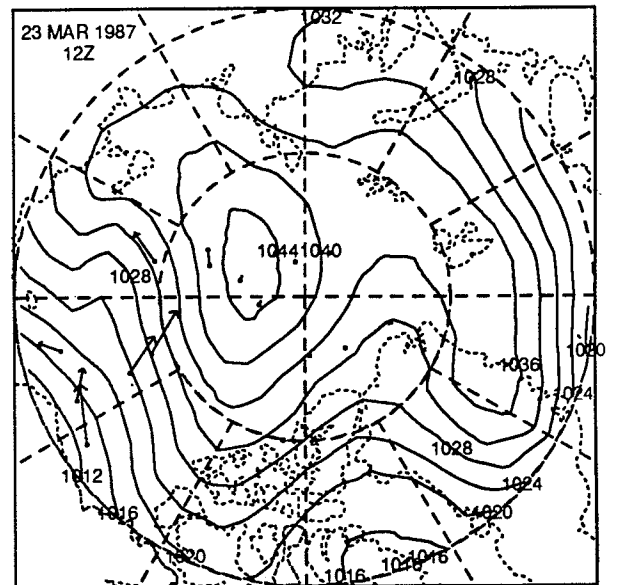
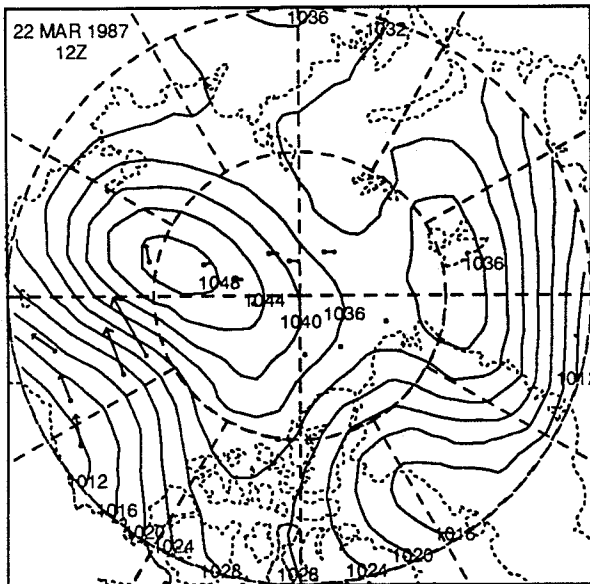
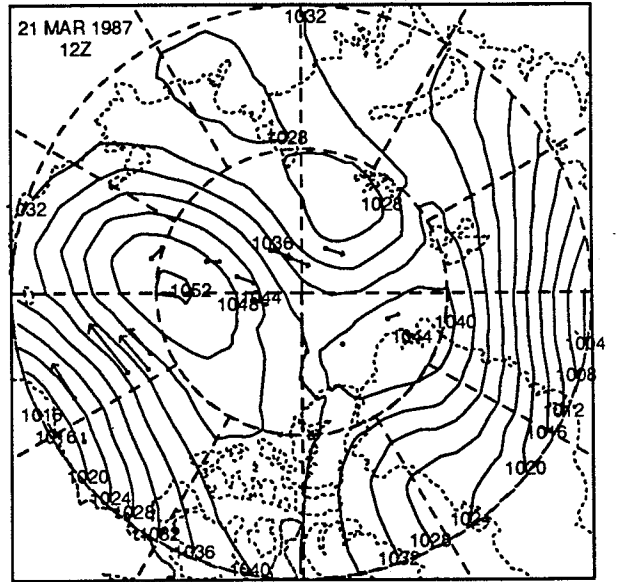
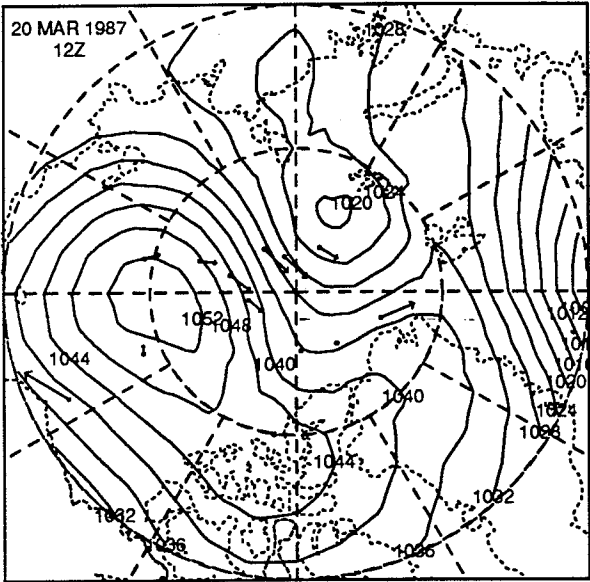
8 MAR 1987 - 13 MAR 1987



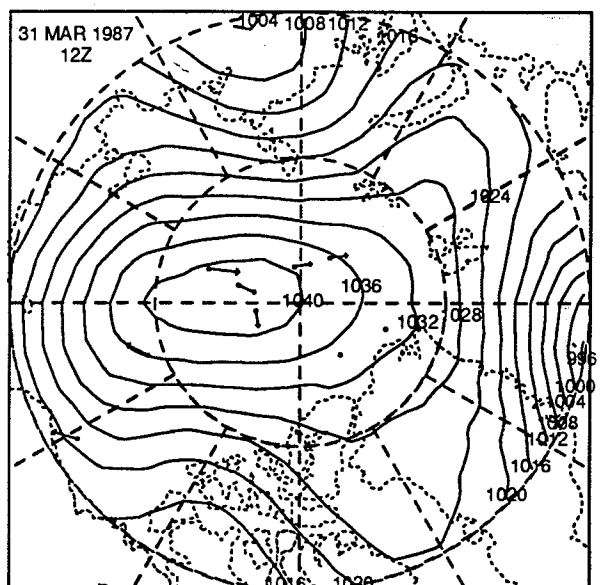
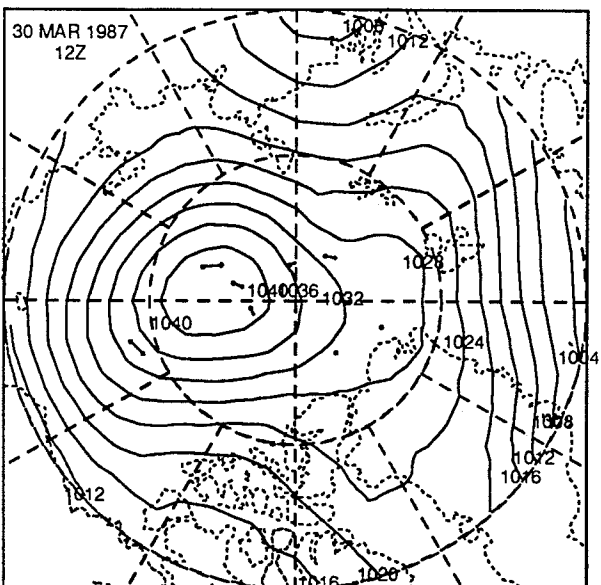
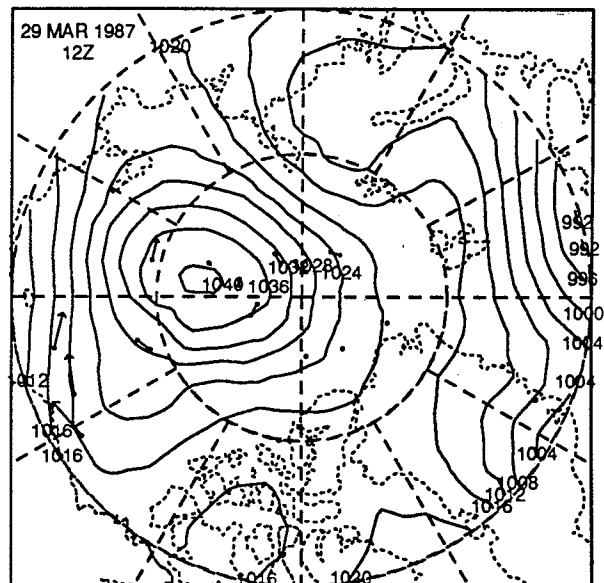
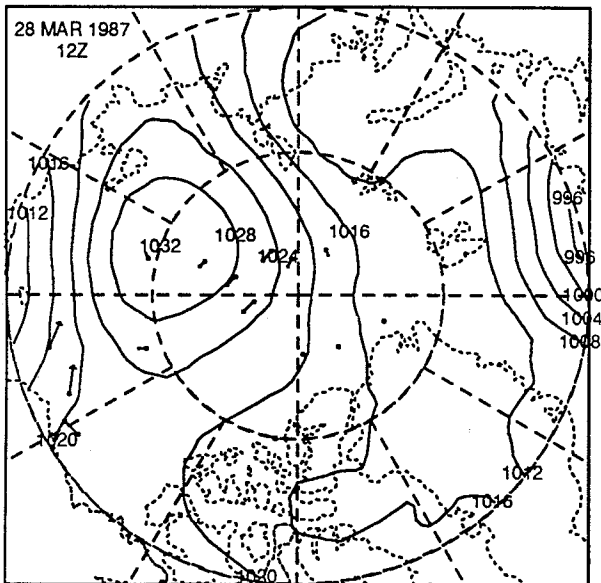
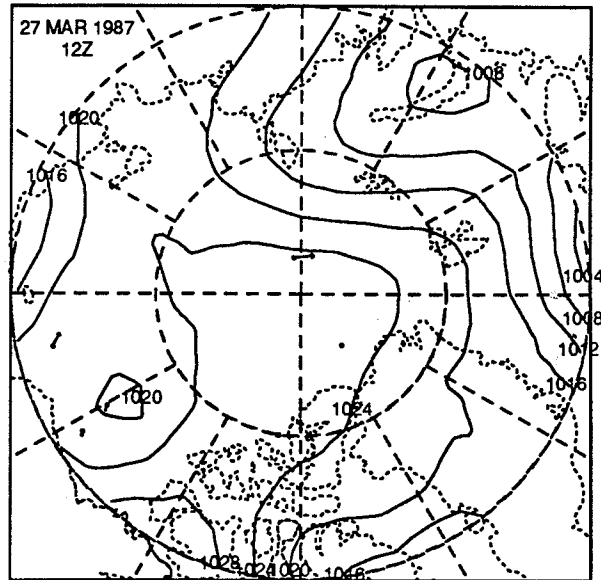
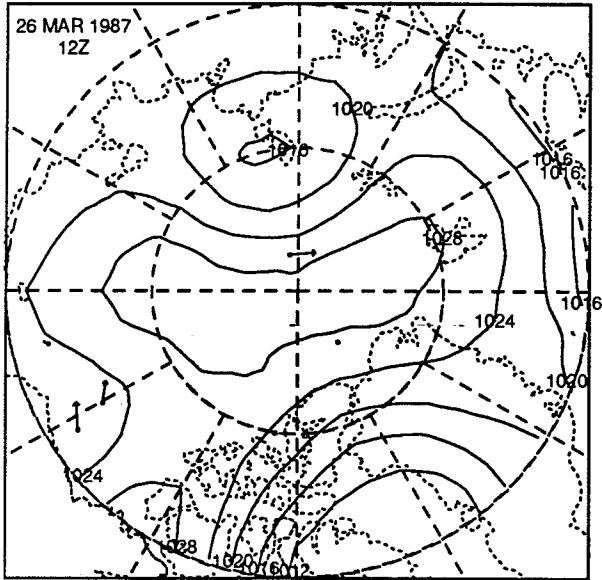
14 MAR 1987 - 19 MAR 1987



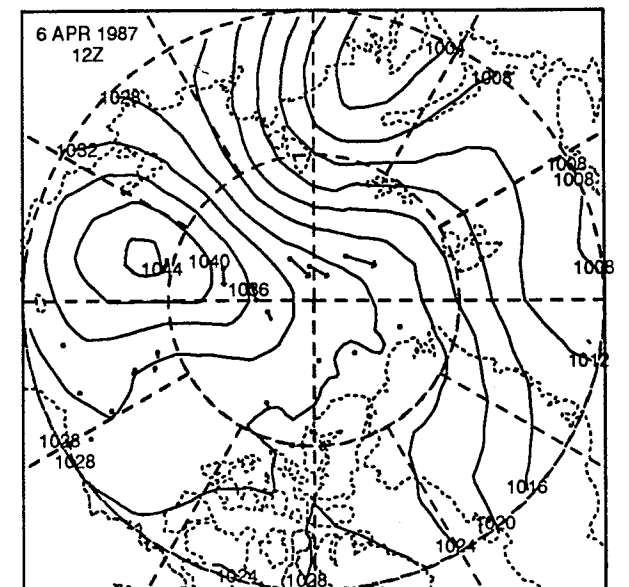
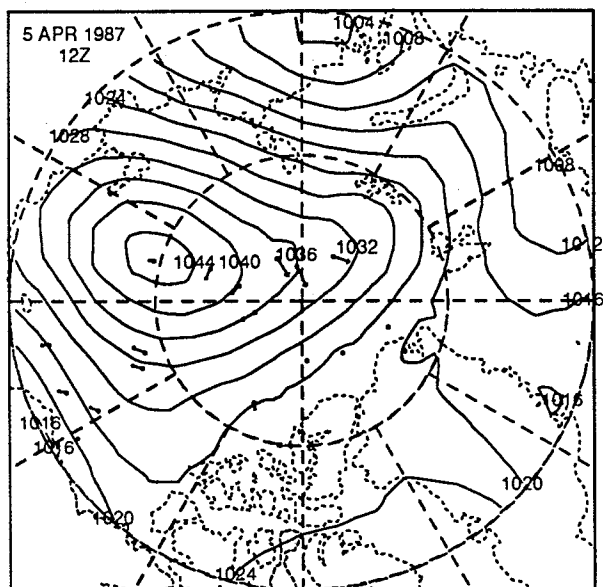
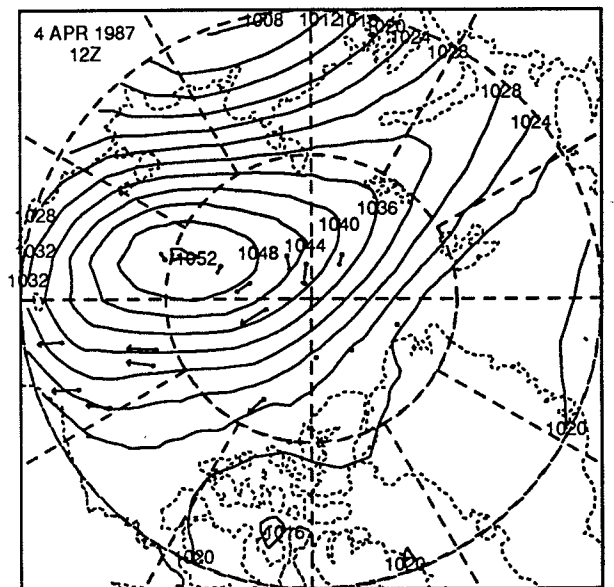
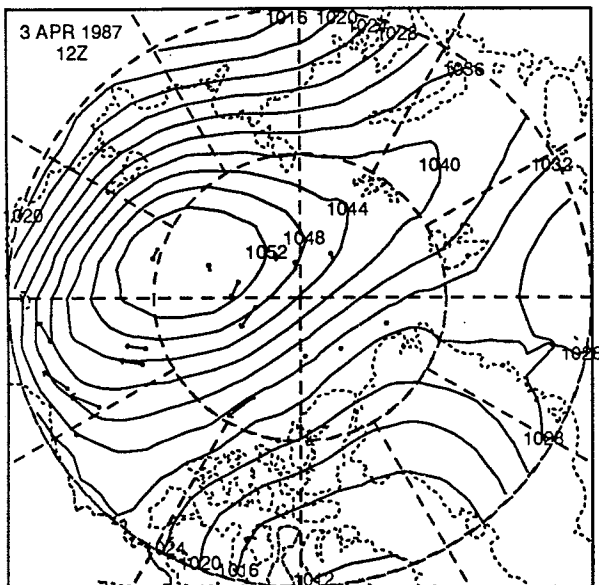
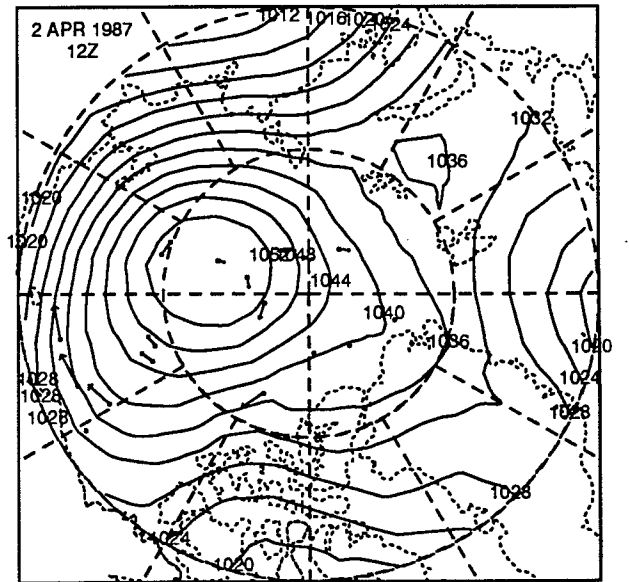
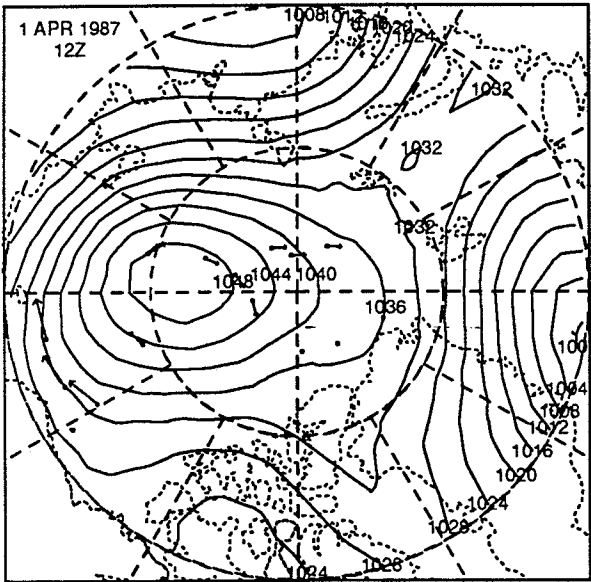
20 MAR 1987 - 25 MAR 1987



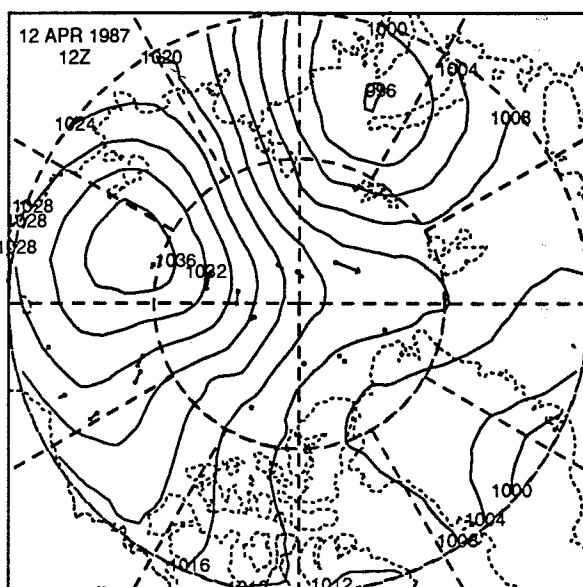
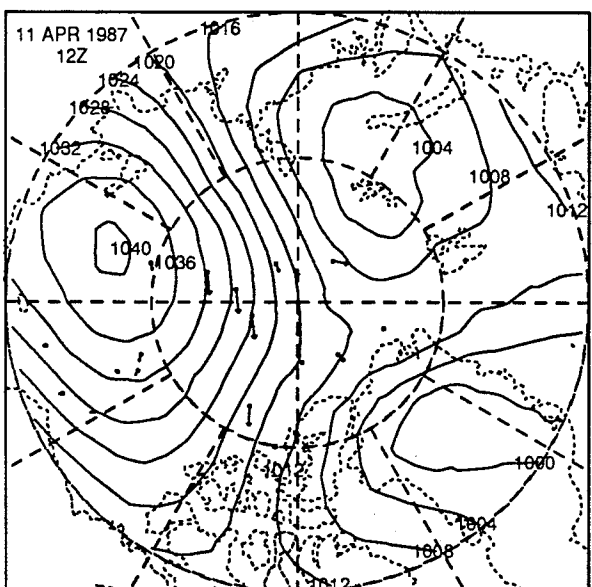
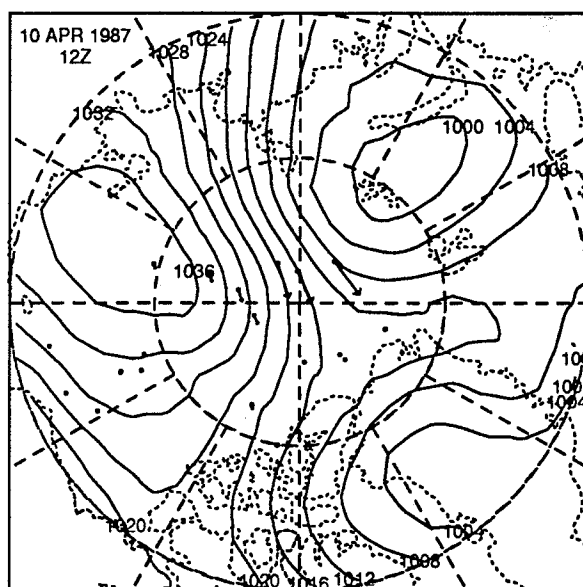
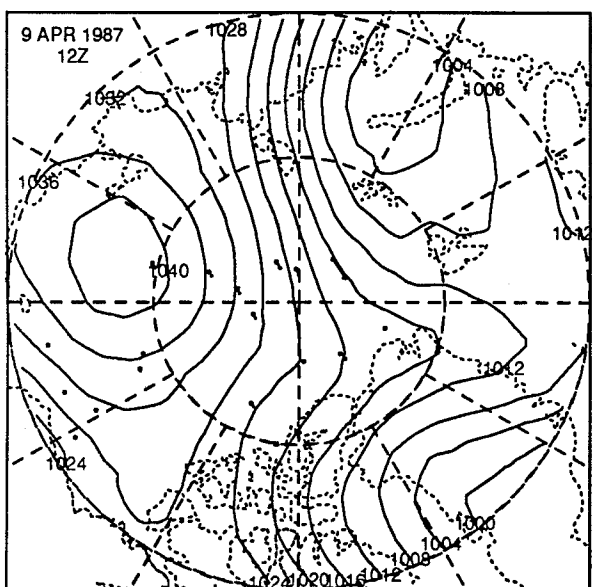
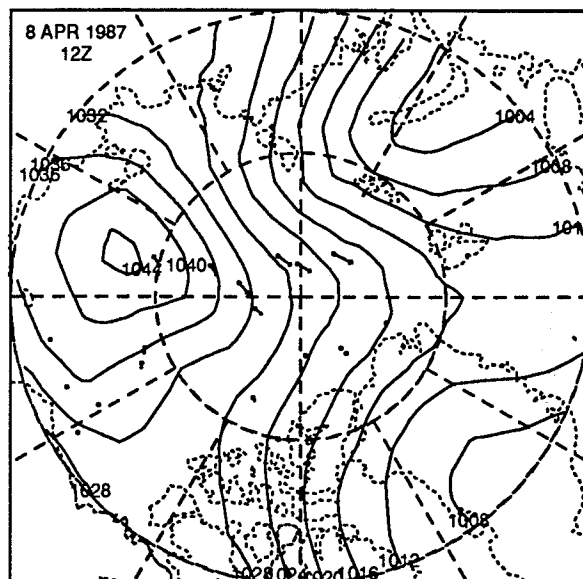
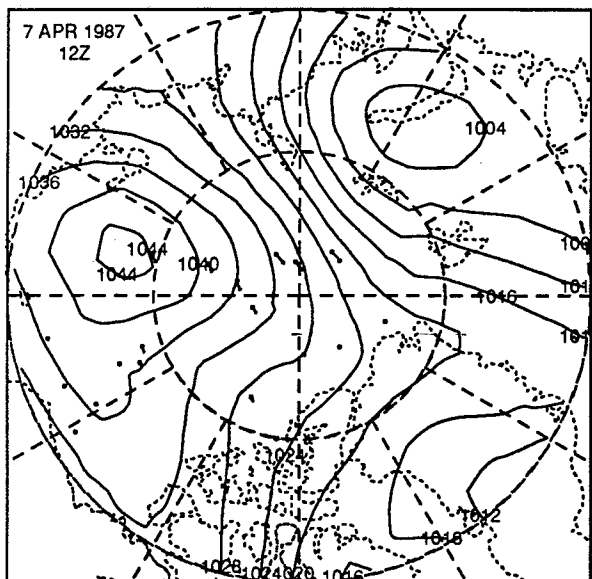
26 MAR 1987 - 31 MAR 1987



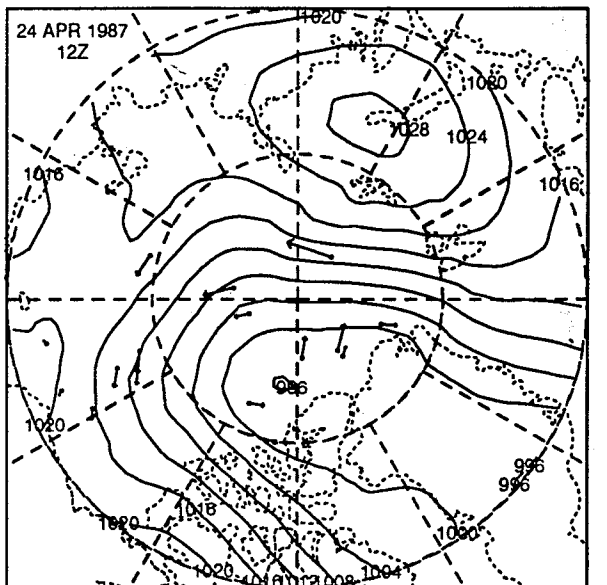
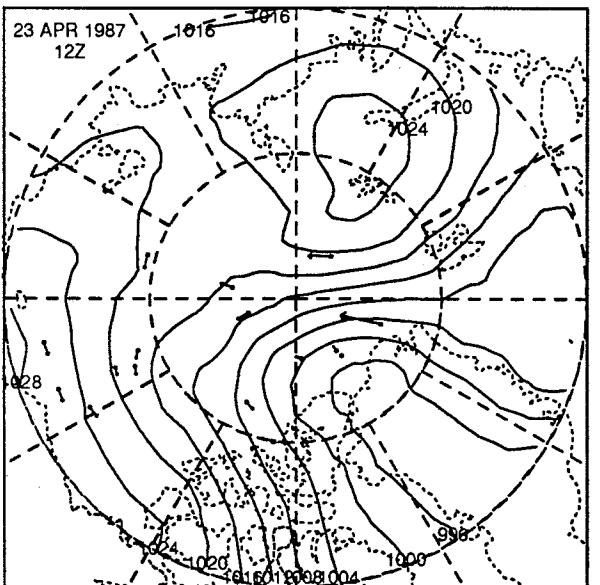
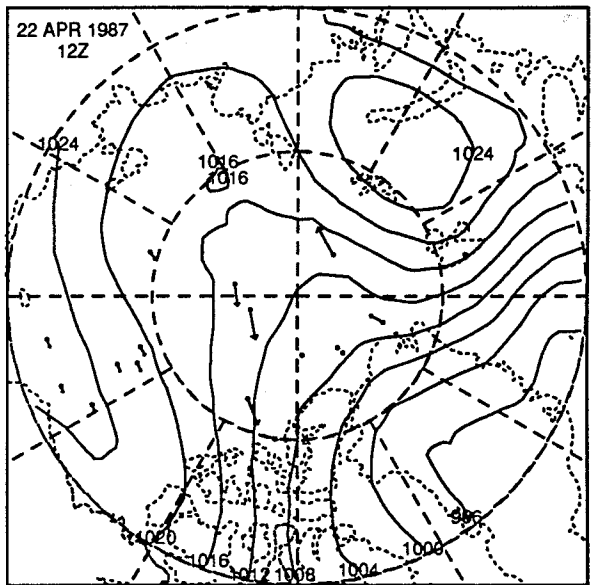
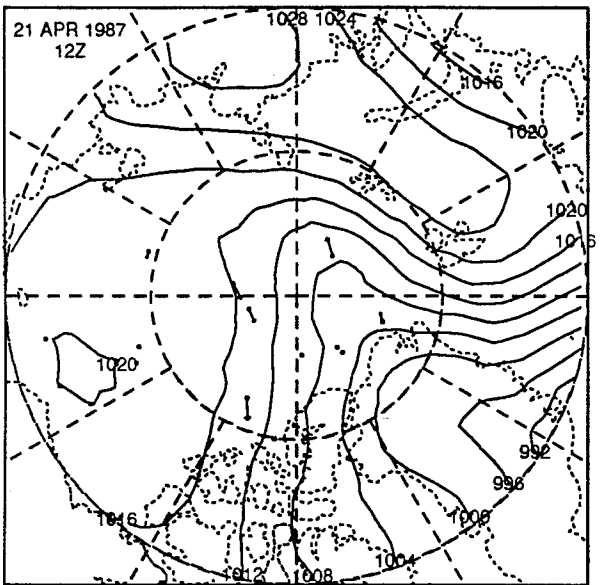
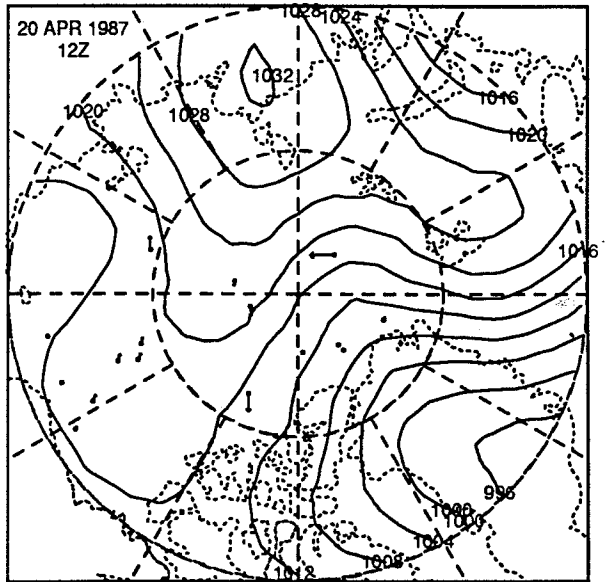
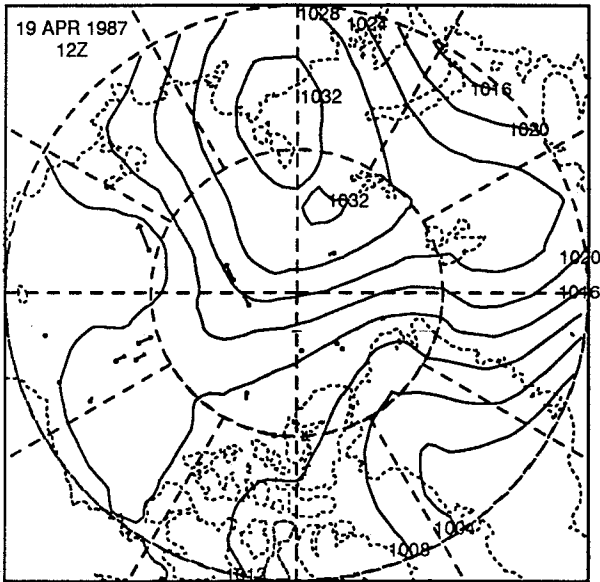
1 APR 1987 - 6 APR 1987



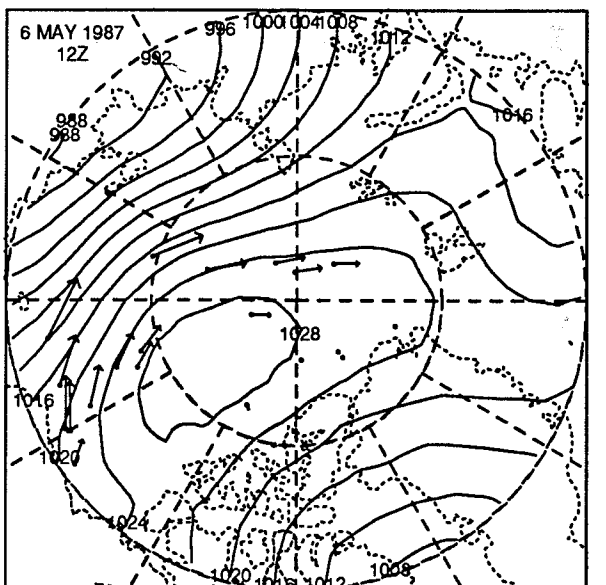
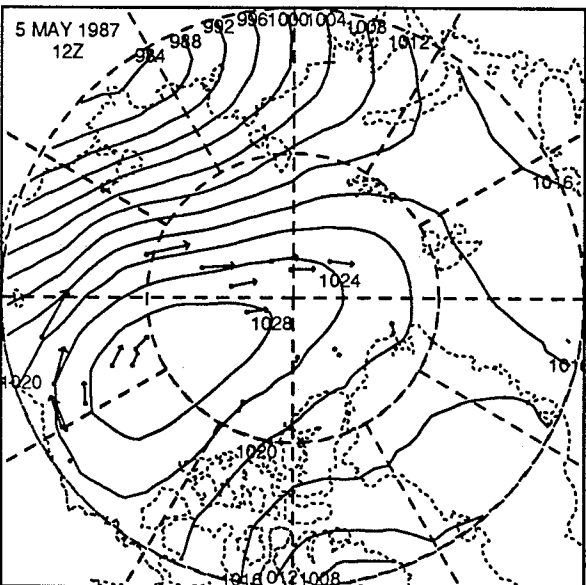
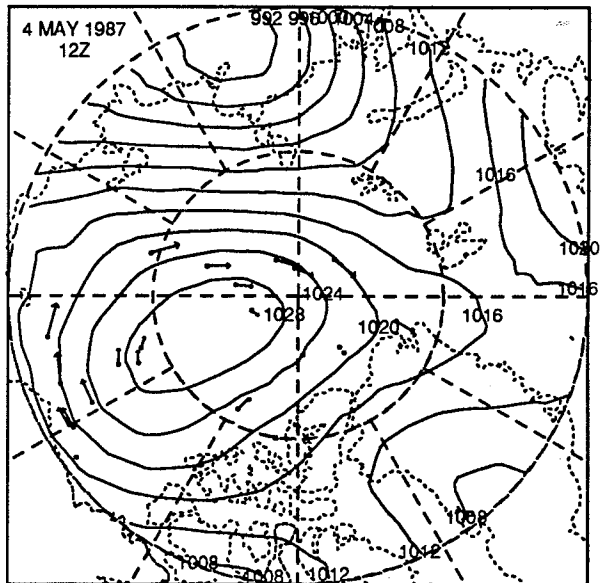
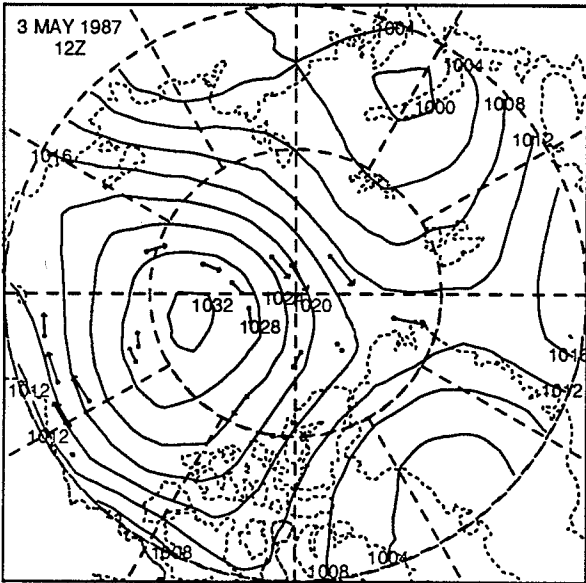
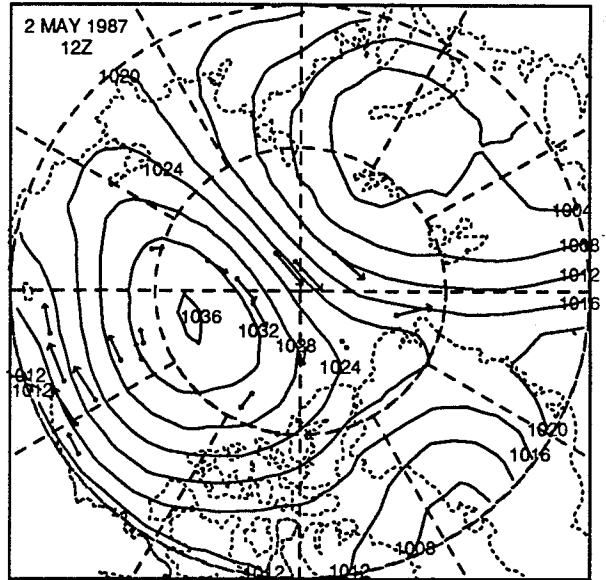
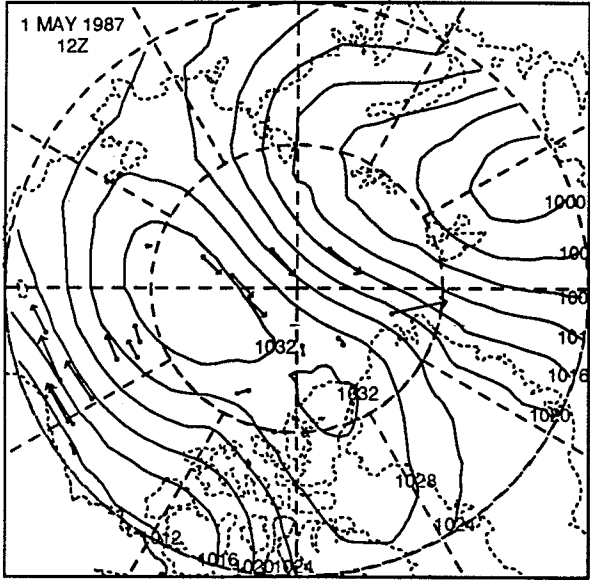
7 APR 1987 - 12 APR 1987



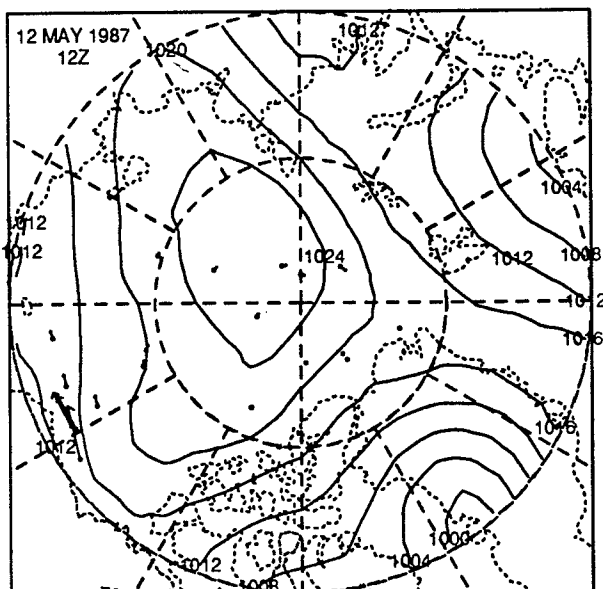
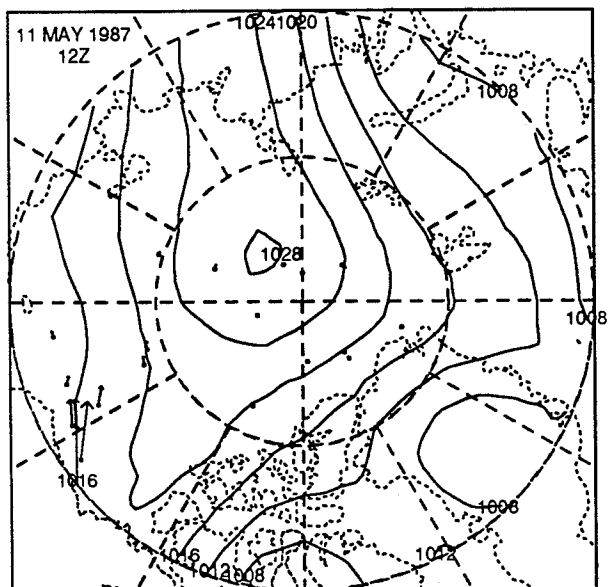
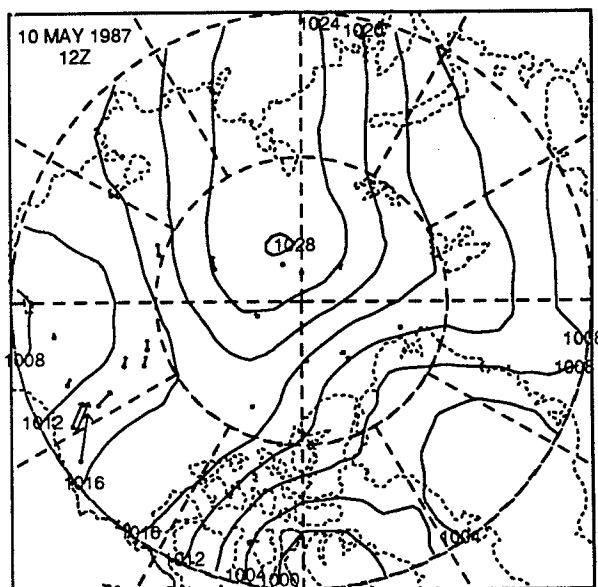
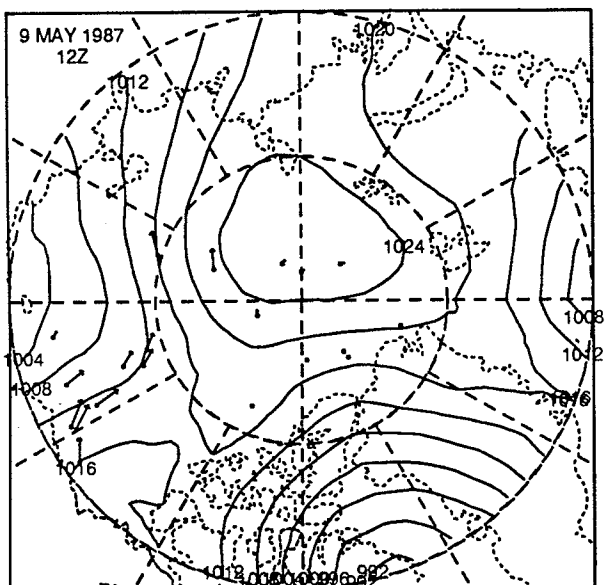
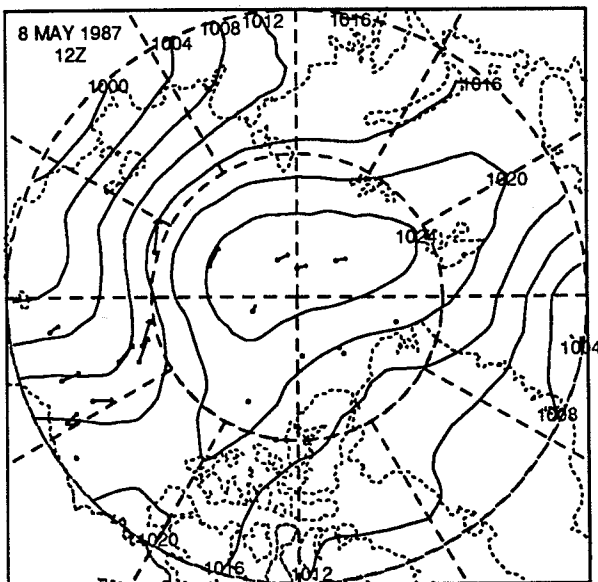
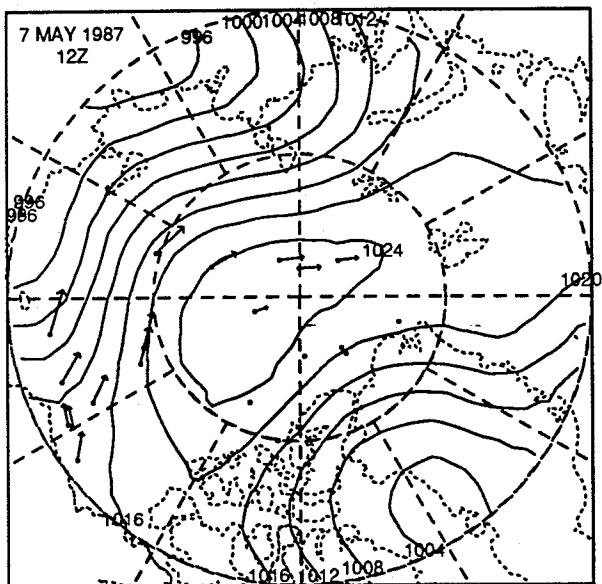
19 APR 1987 - 24 APR 1987



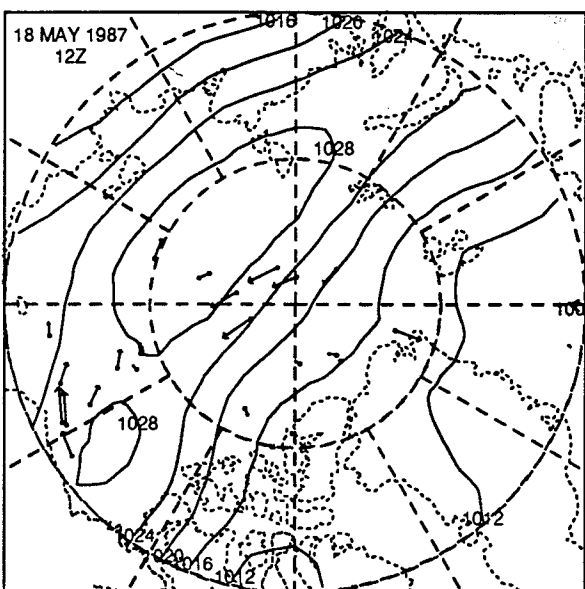
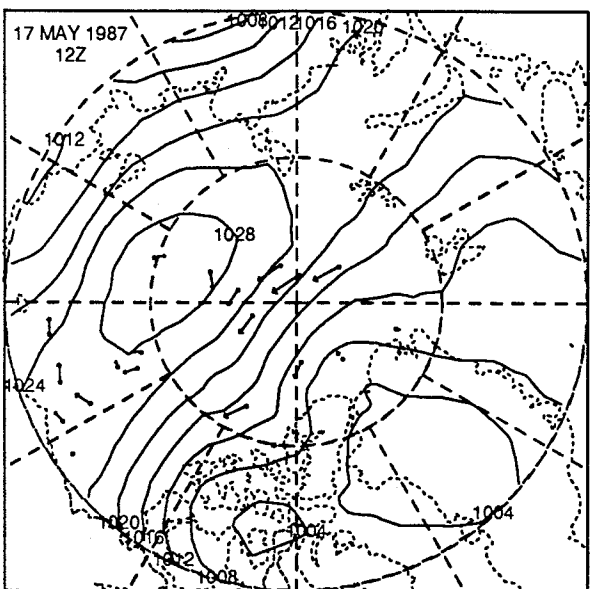
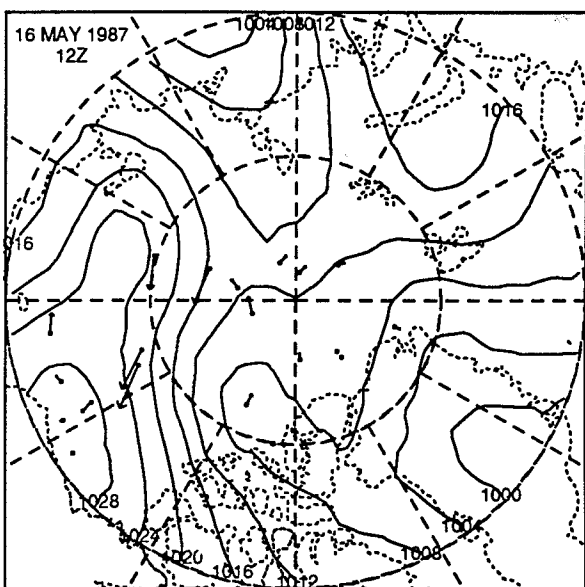
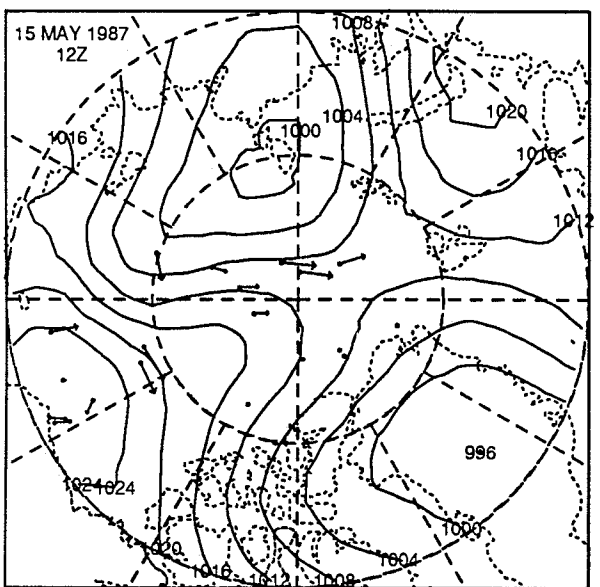
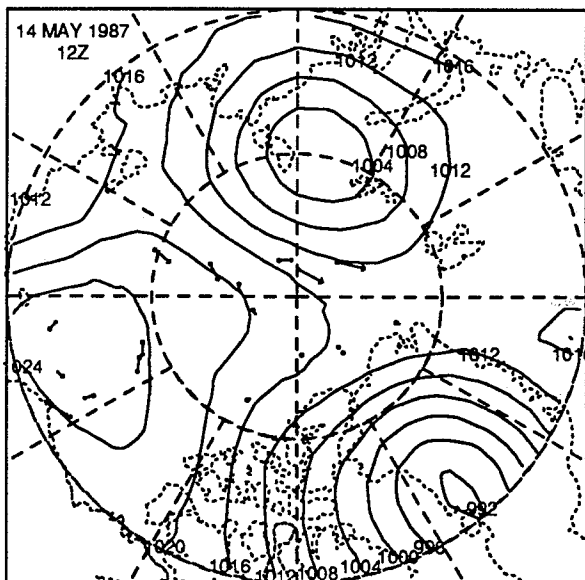
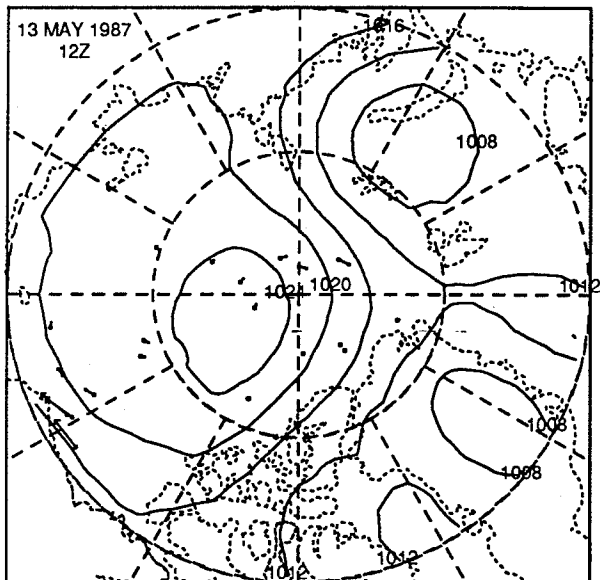
1 MAY 1987 - 6 MAY 1987



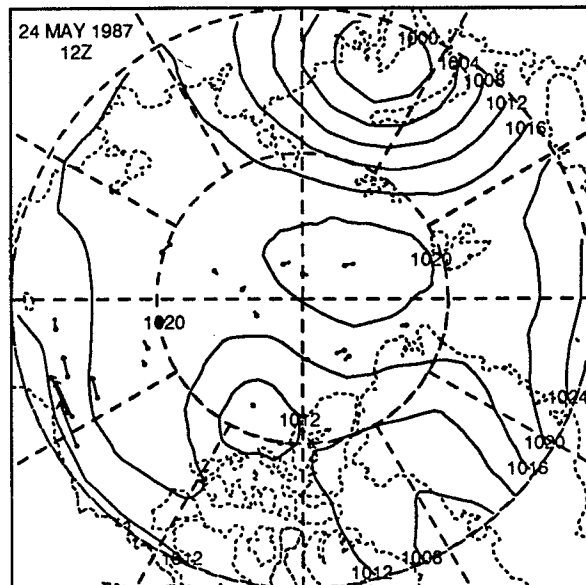
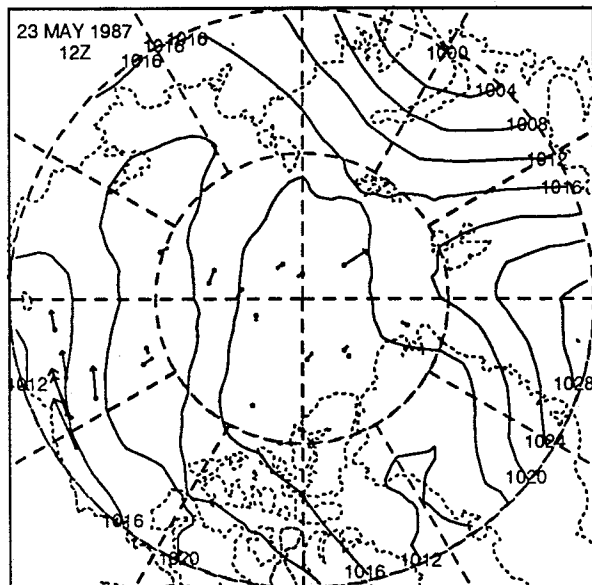
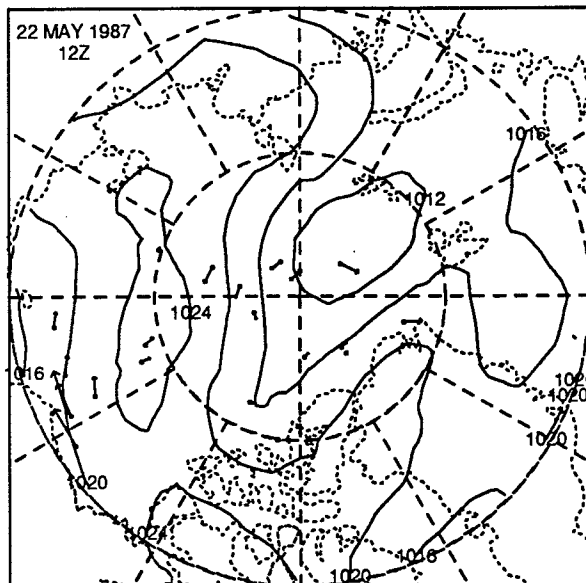
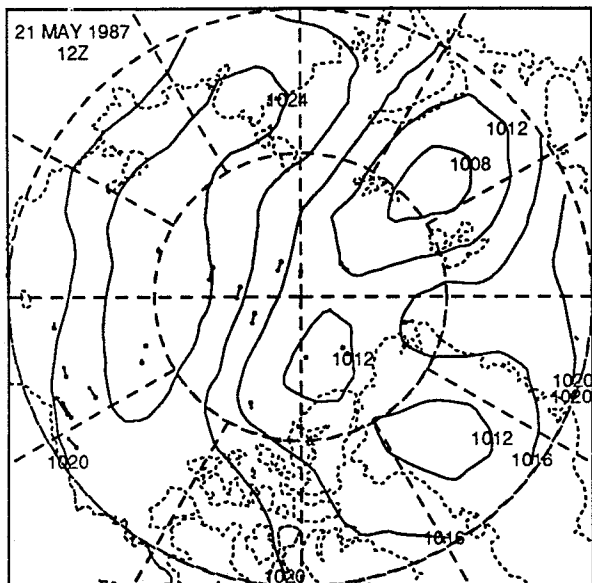
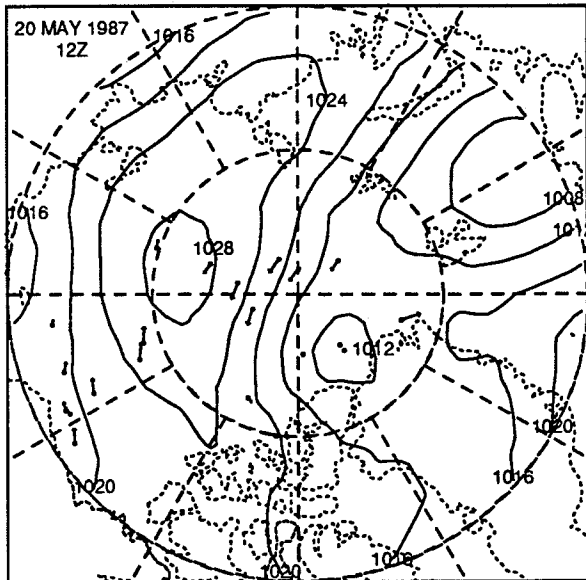
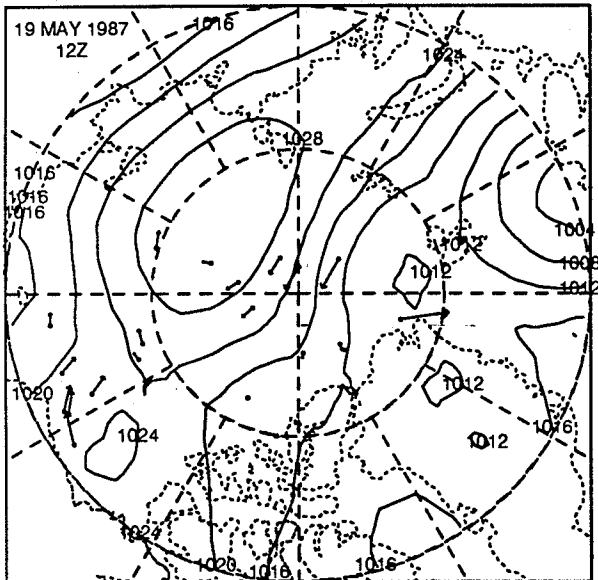
7 MAY 1987 - 12 MAY 1987



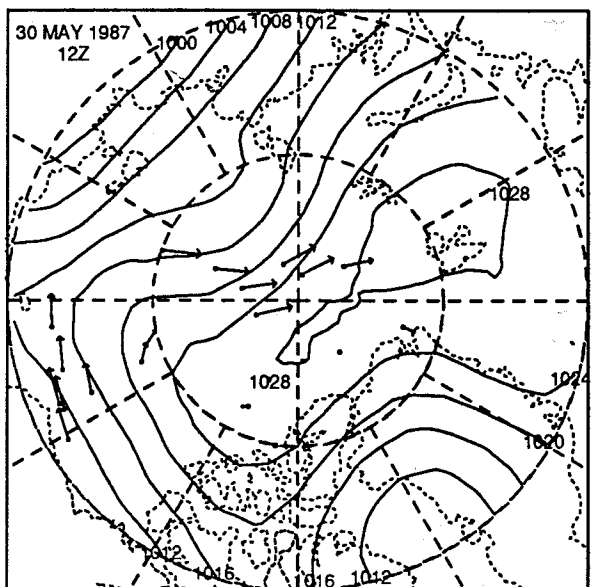
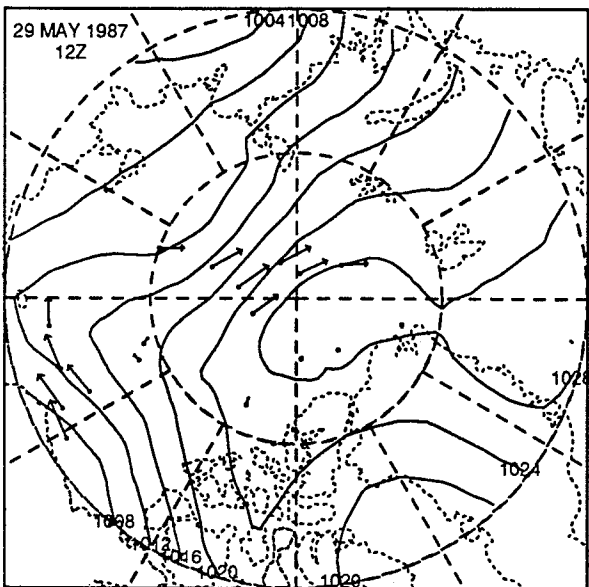
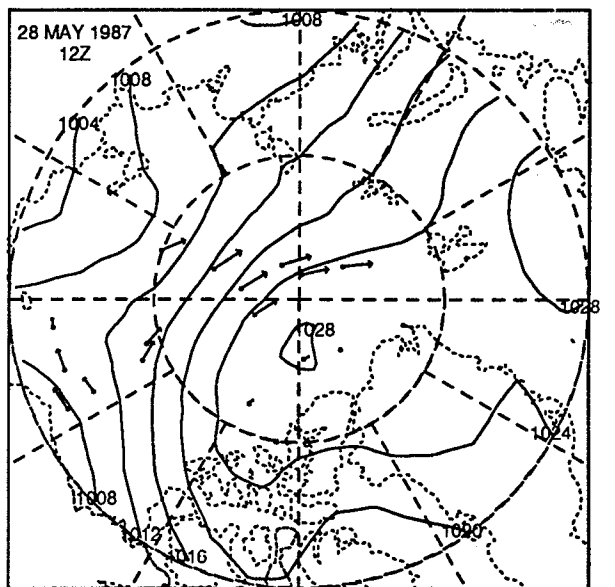
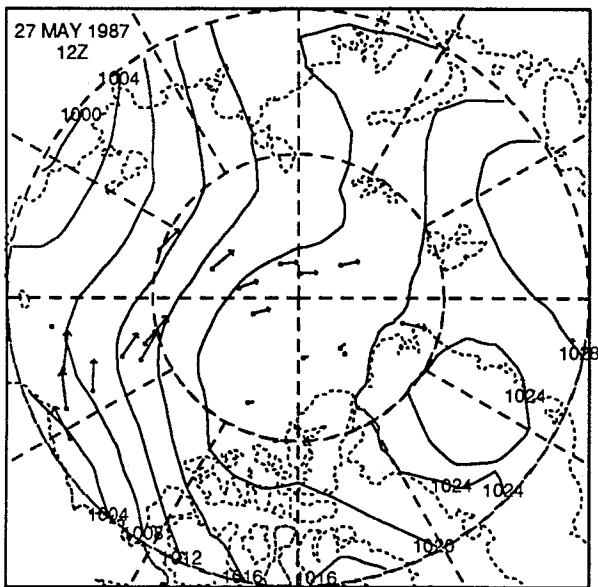
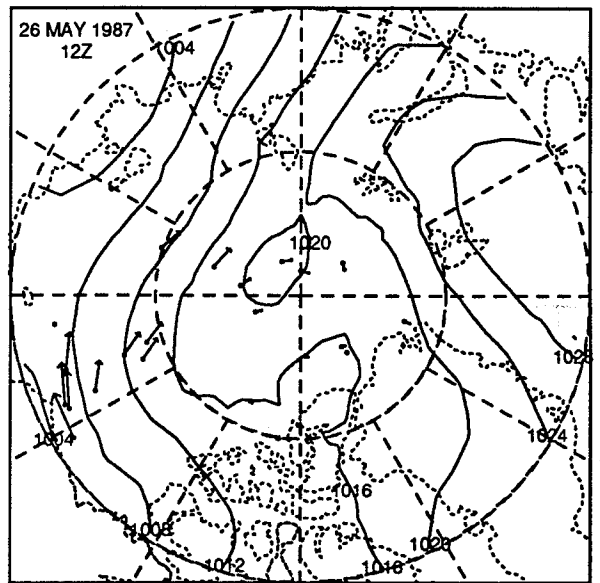
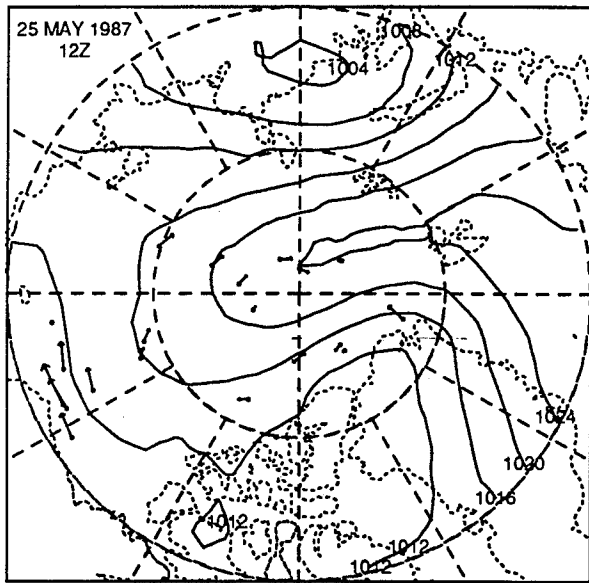
13 MAY 1987 - 18 MAY 1987

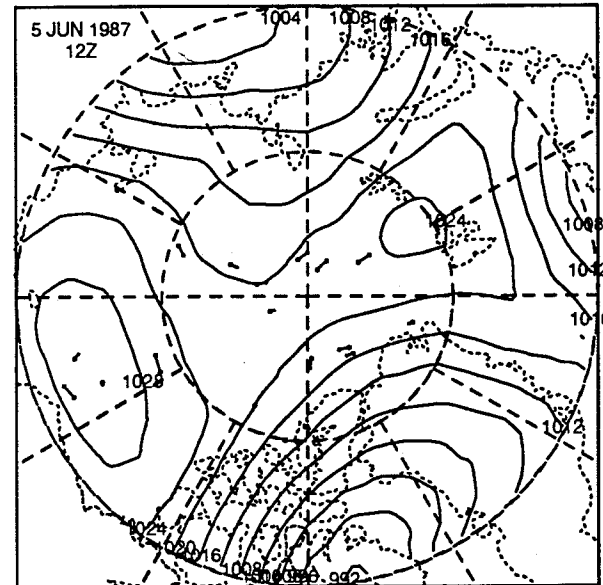
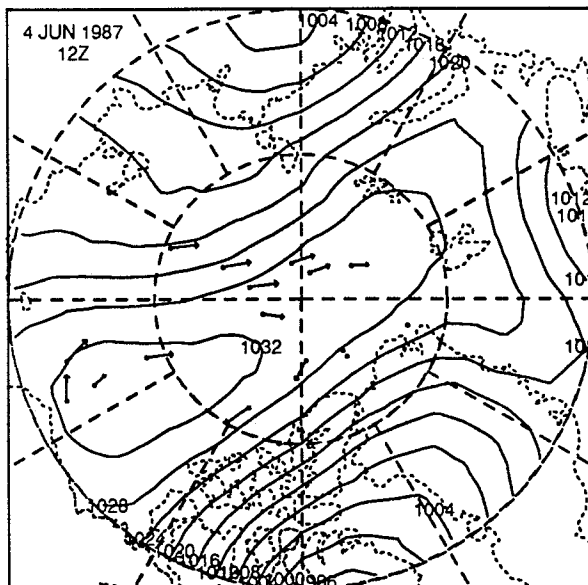
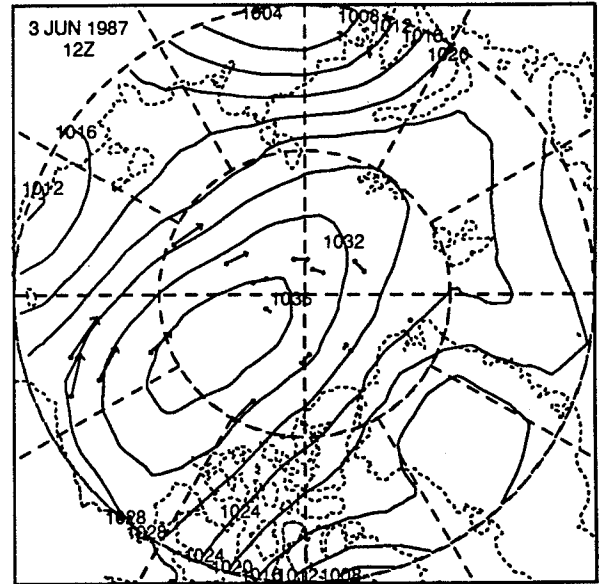
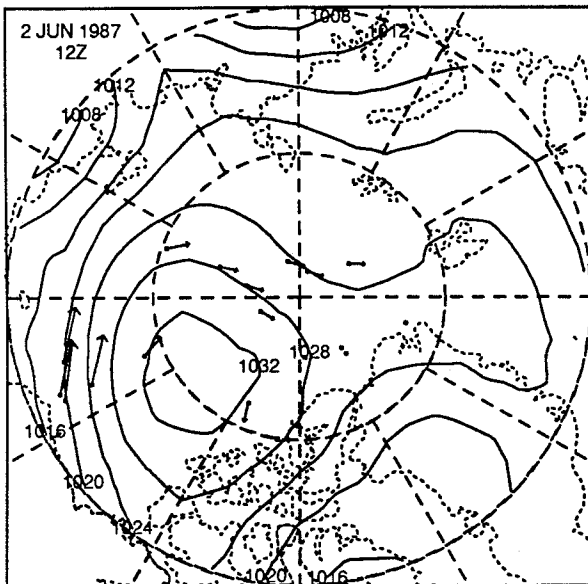
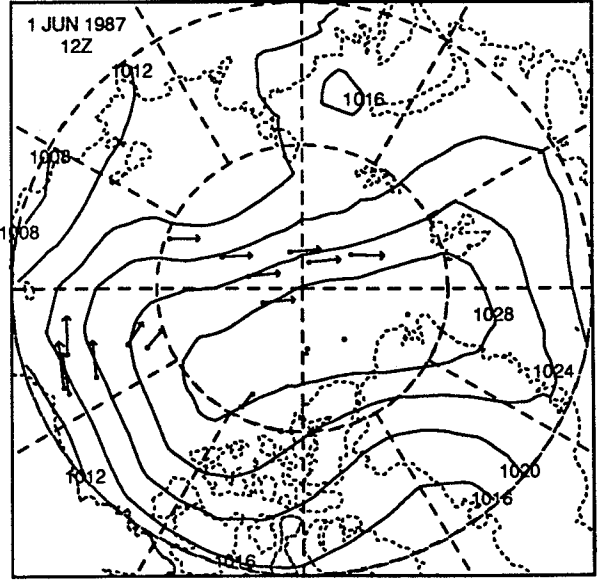
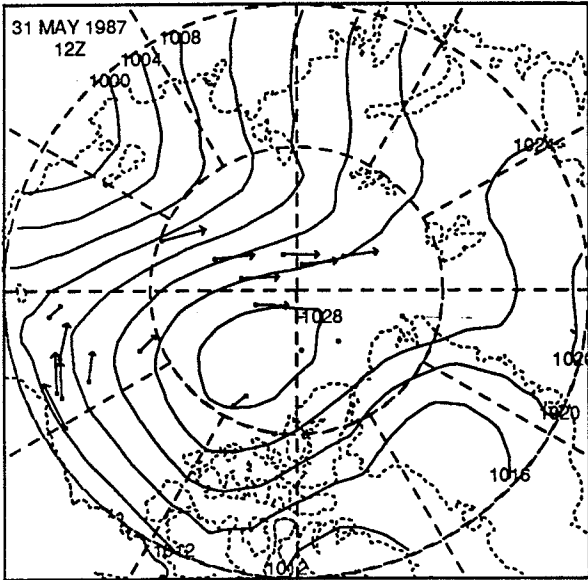


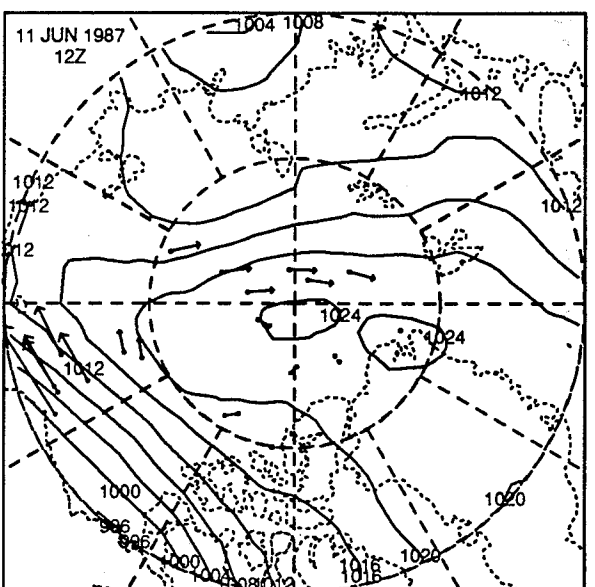
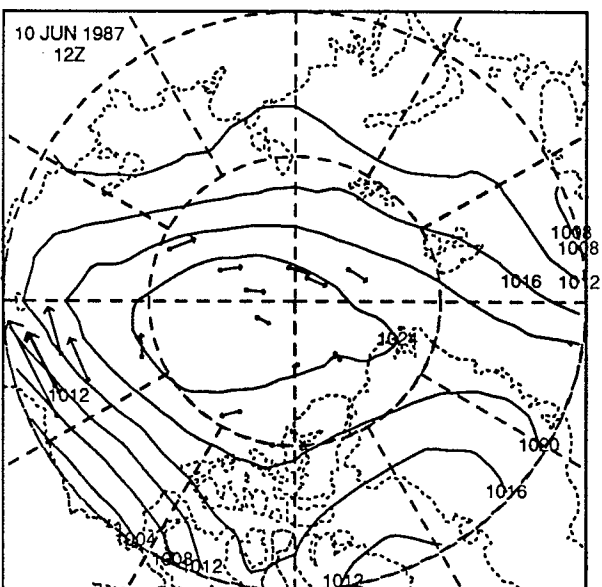
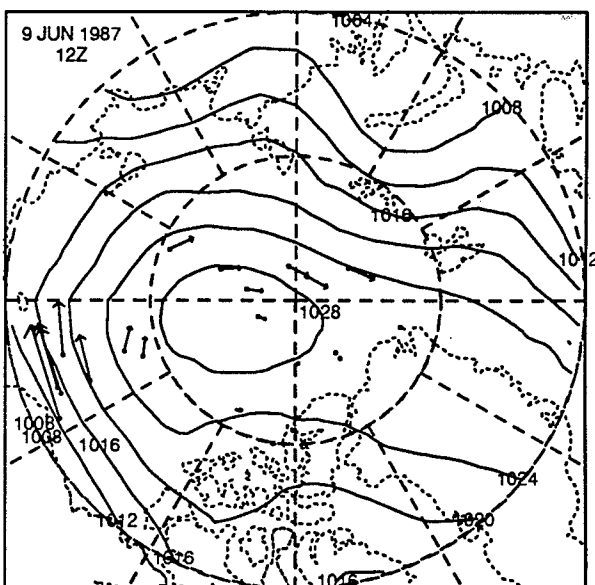
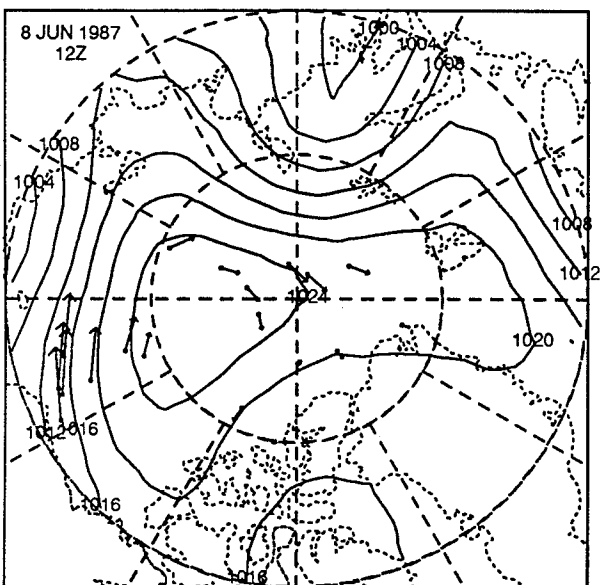
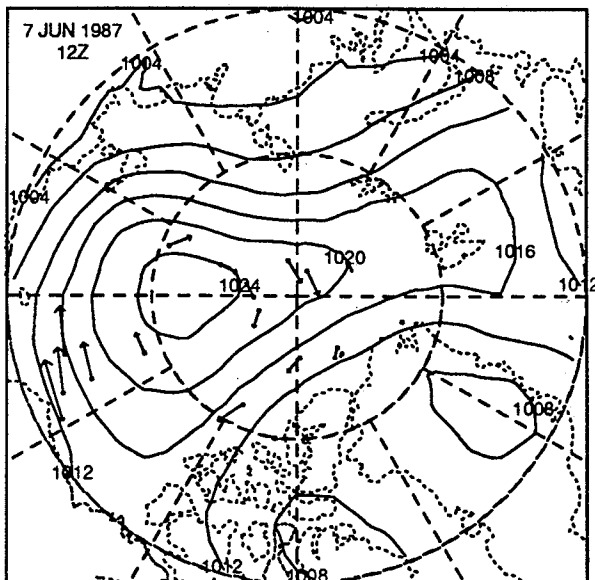
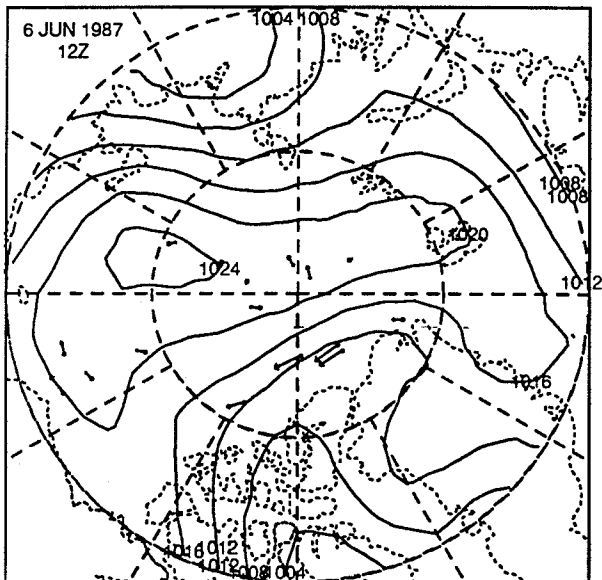
19 MAY 1987 - 24 MAY 1987



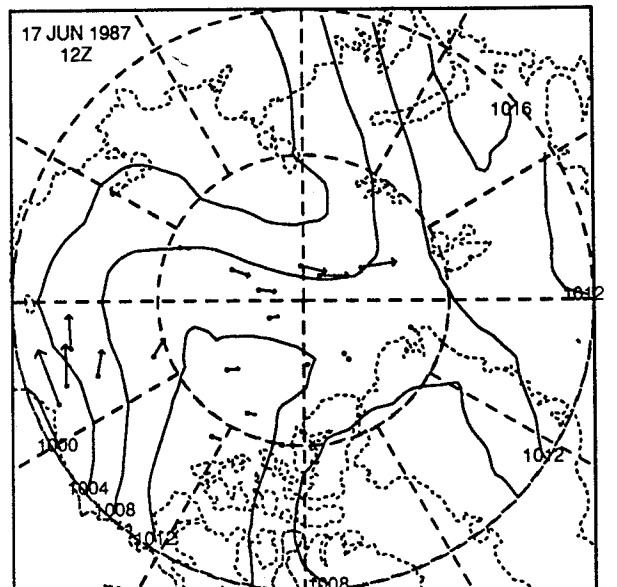
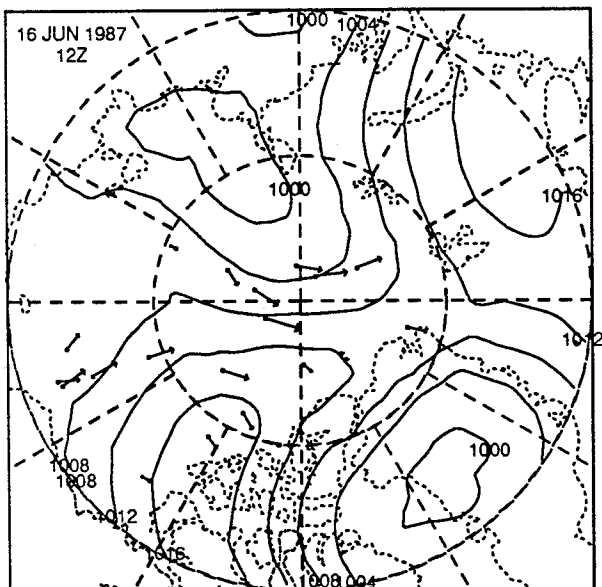
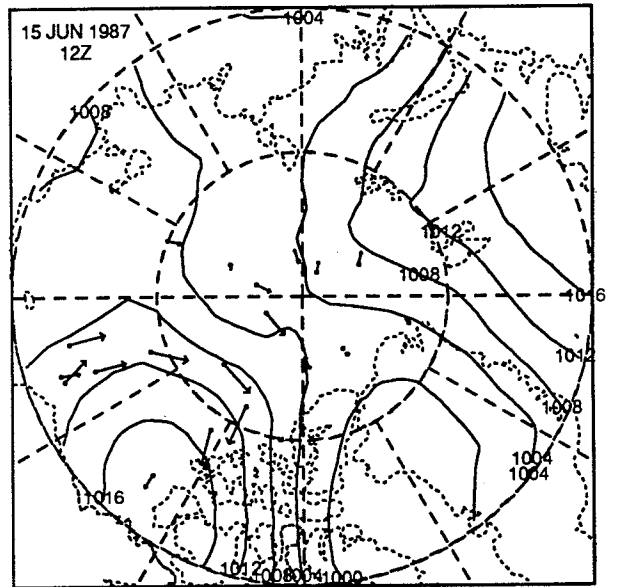
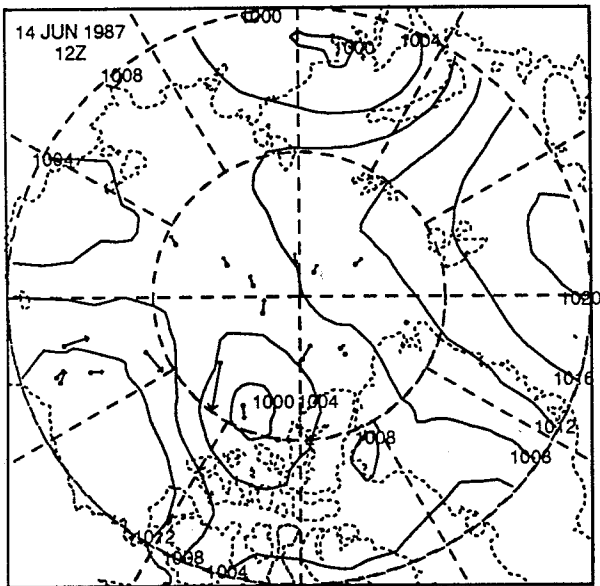
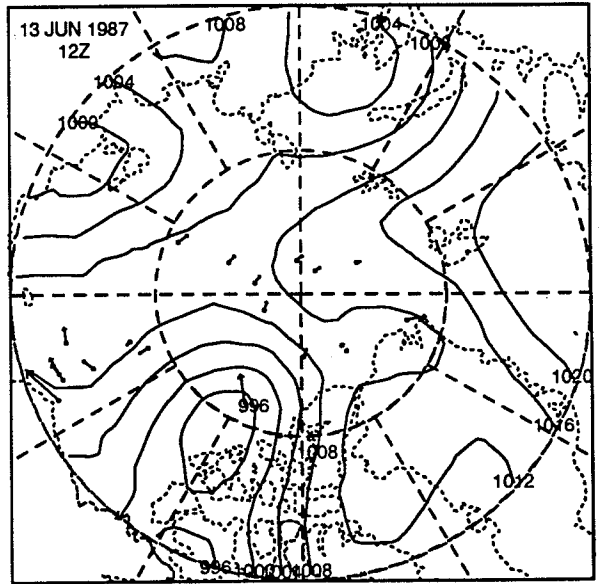
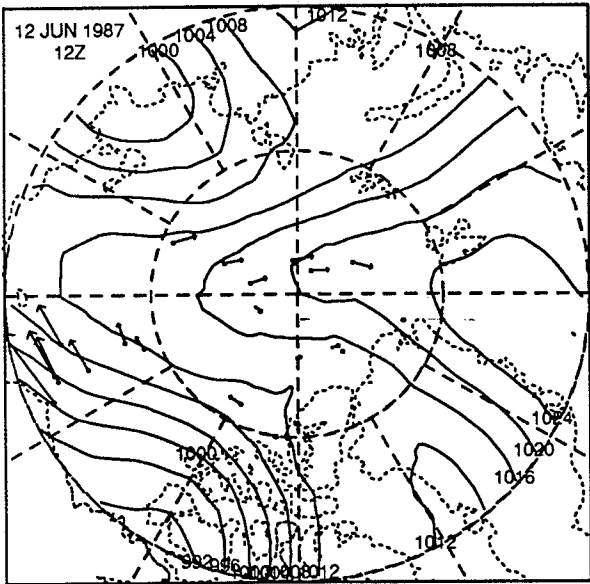
25 MAY 1987 - 30 MAY 1987

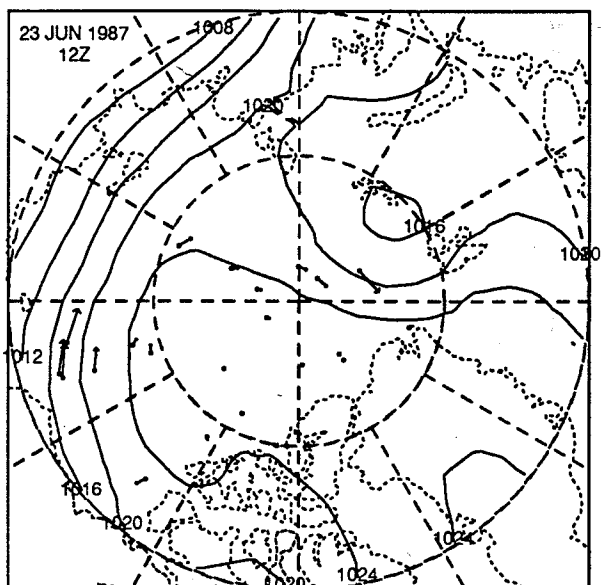
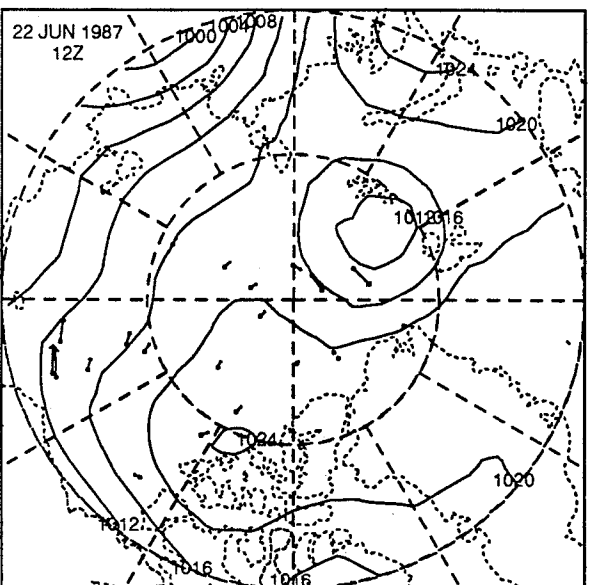
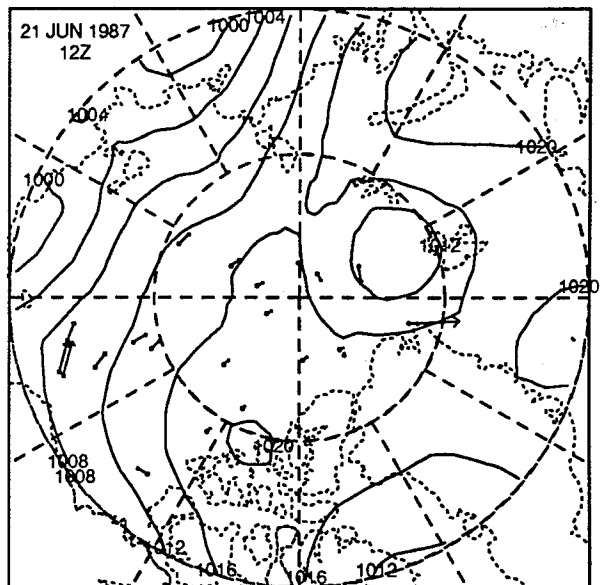
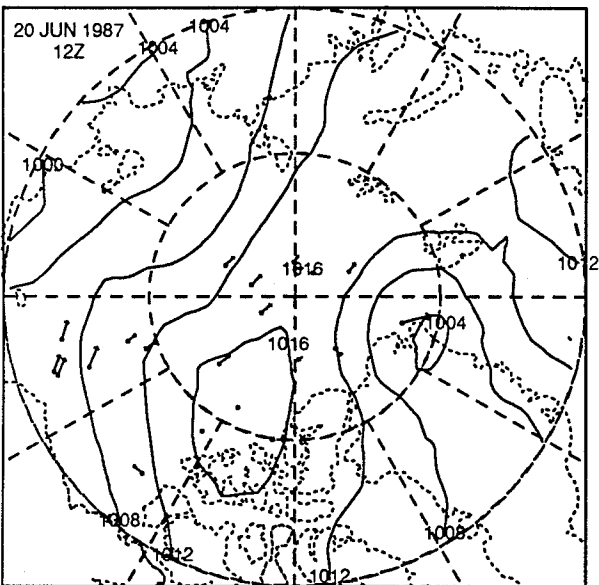
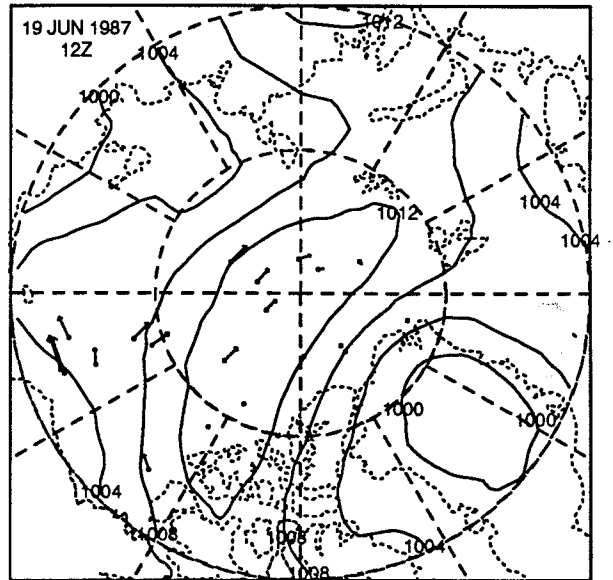
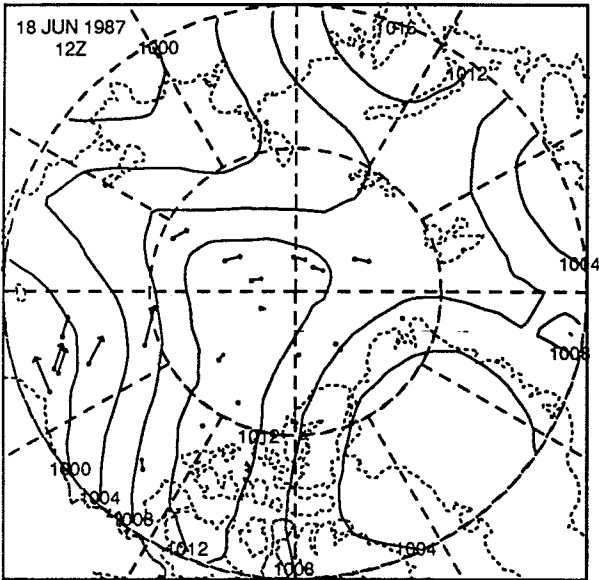




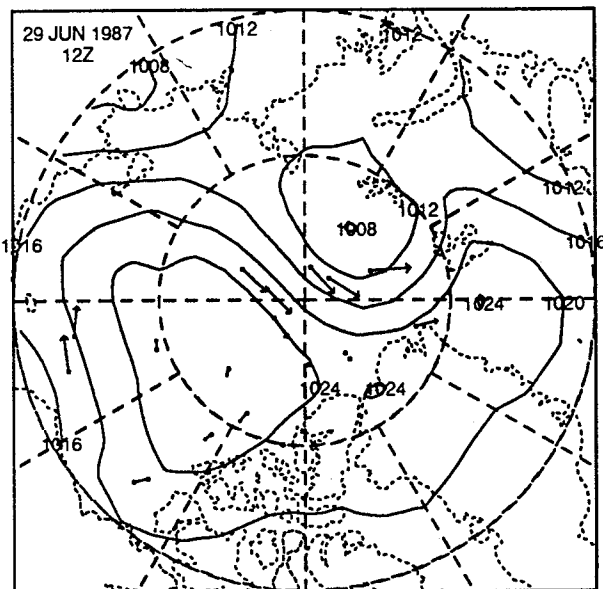
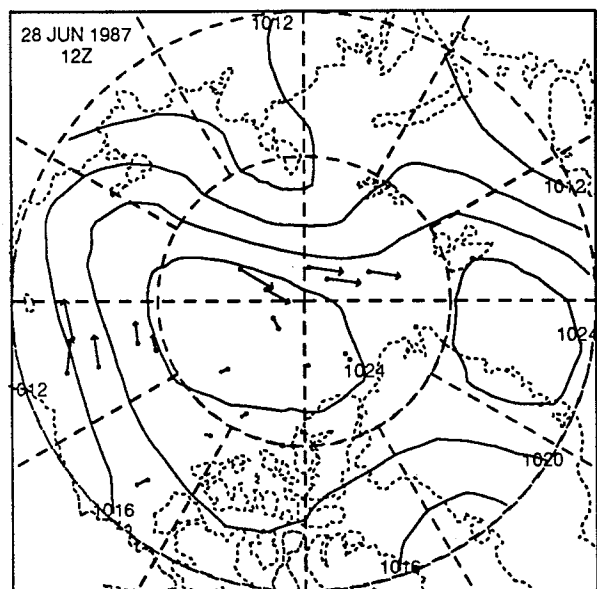
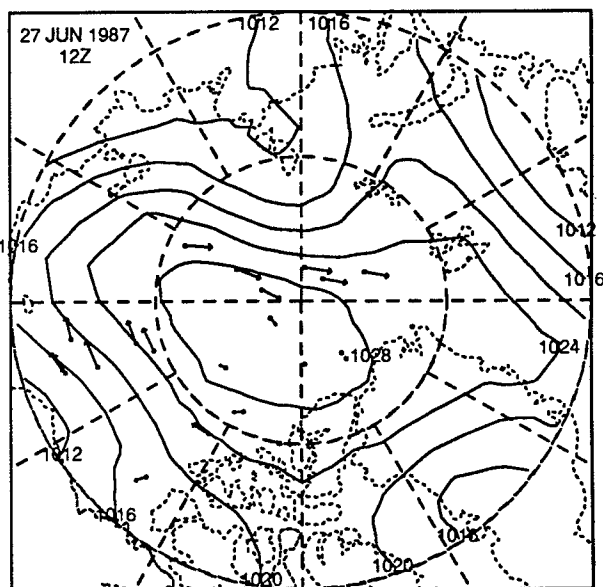
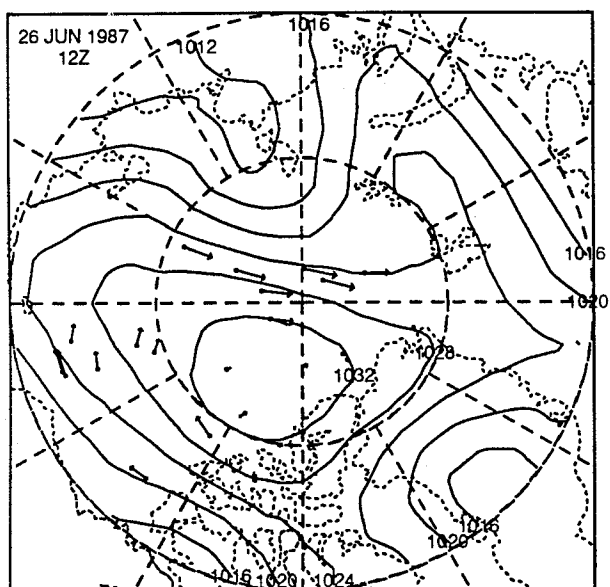
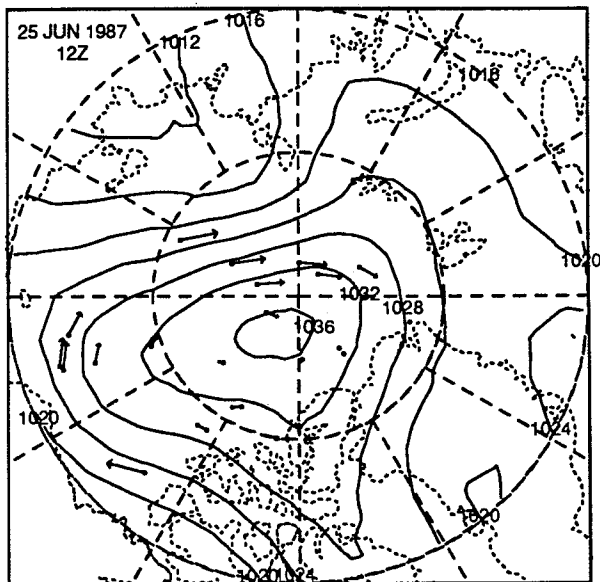
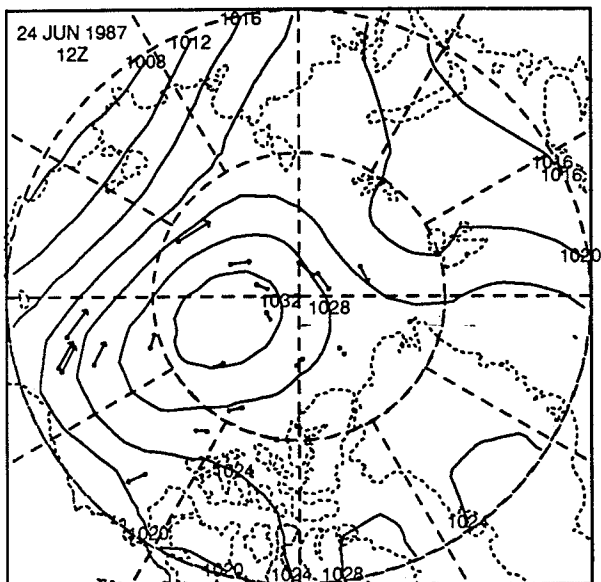


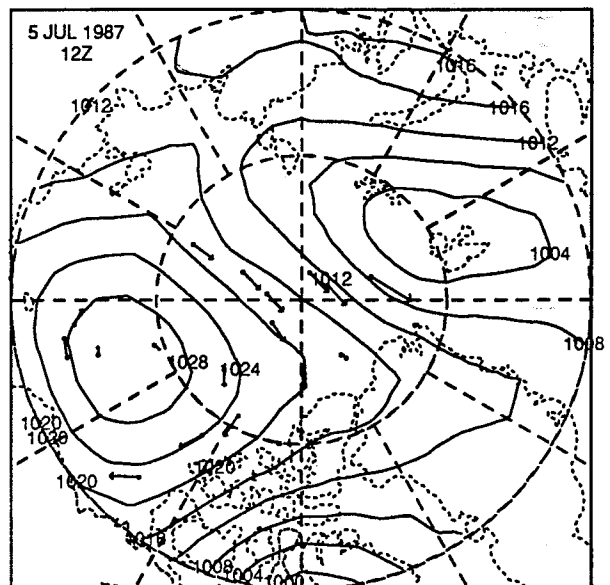
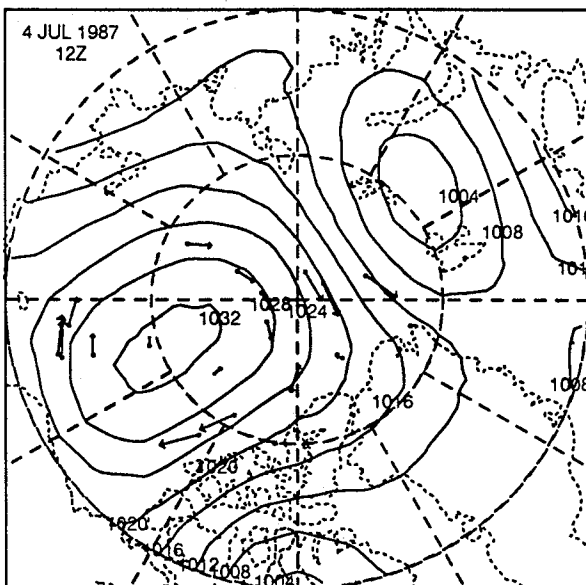
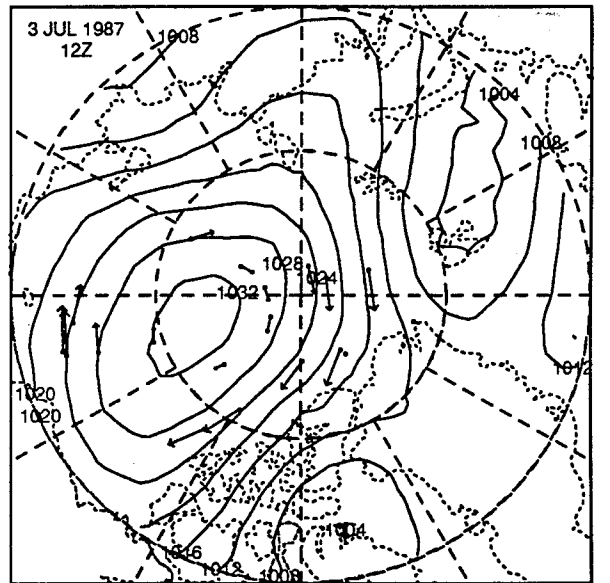
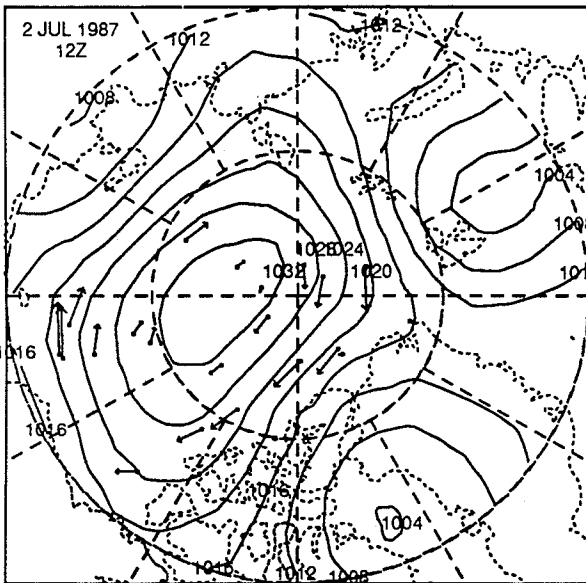
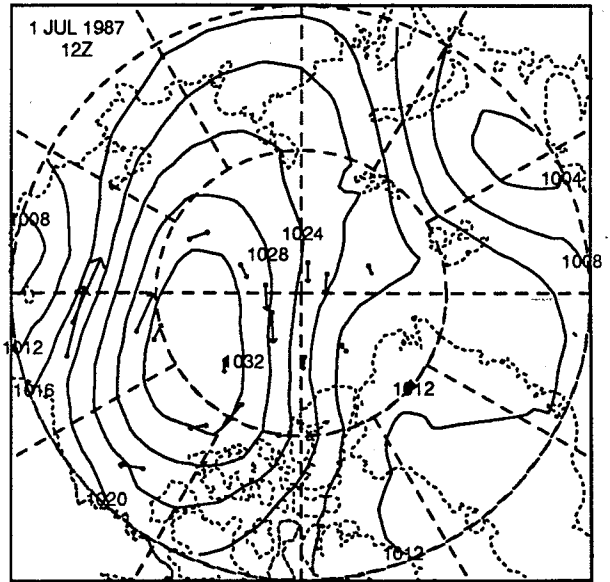
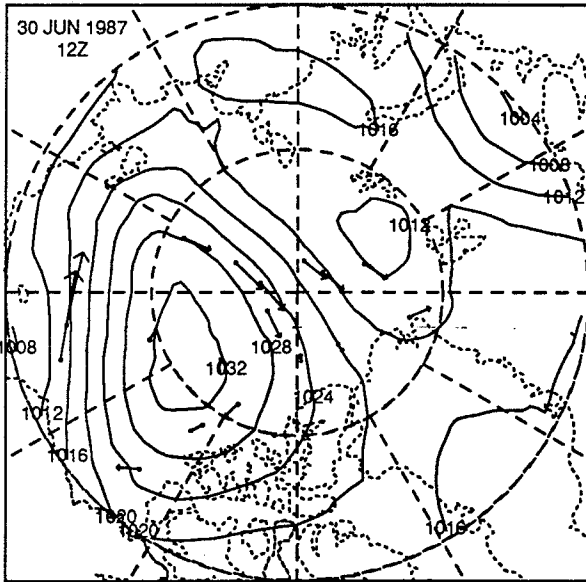
12 JUN 1987 - 17 JUN 1987

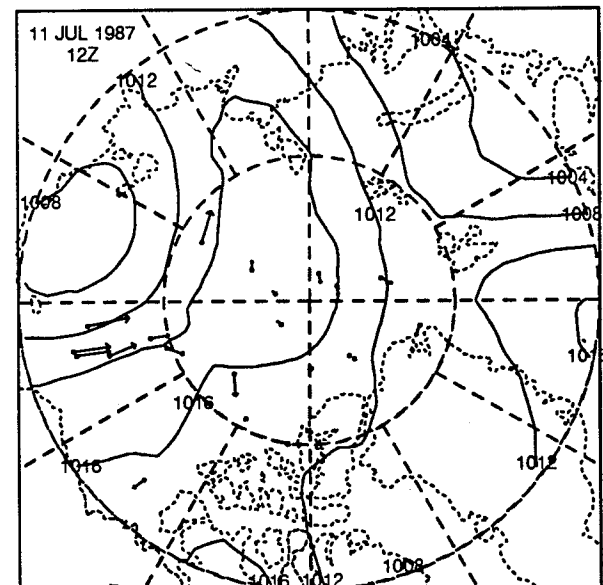
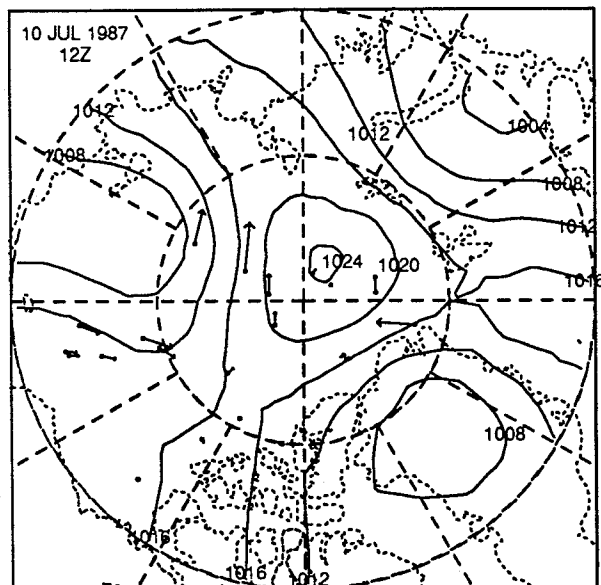
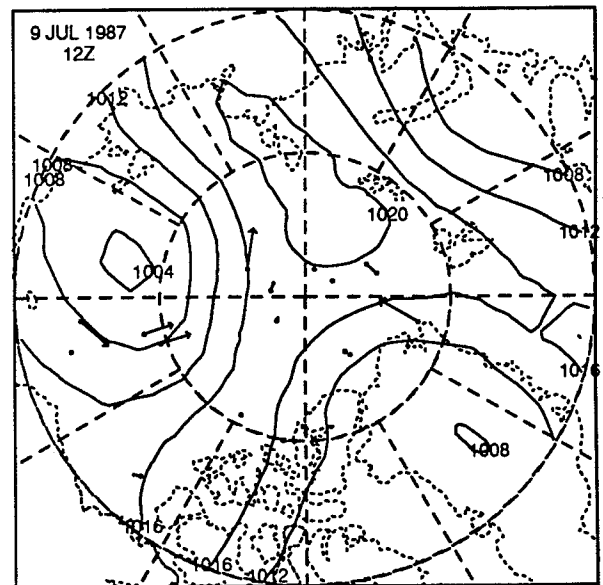
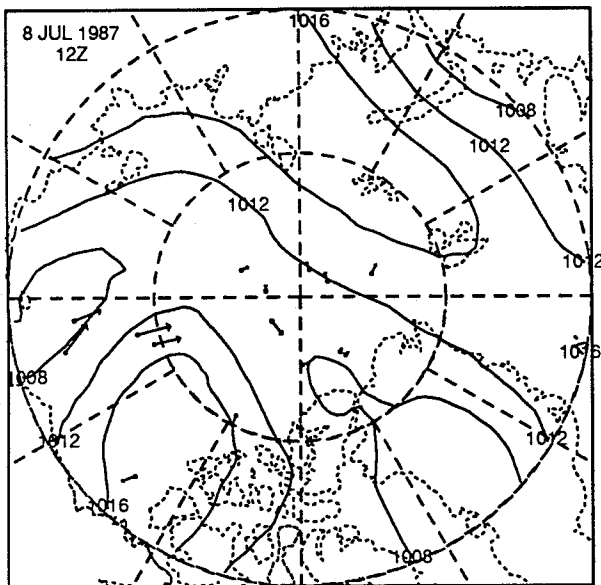
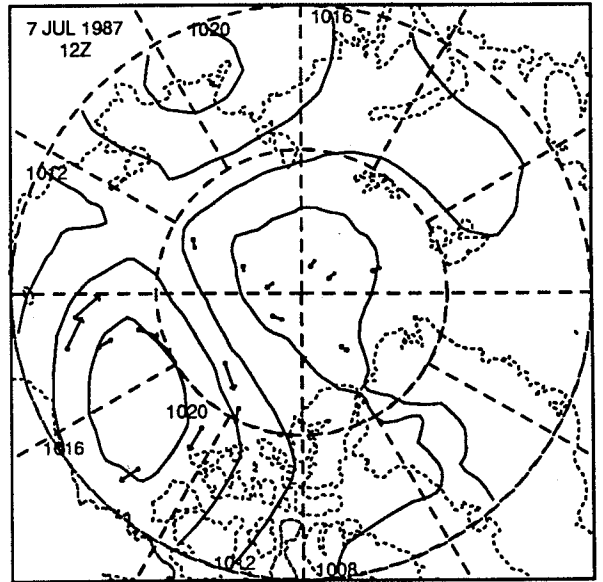
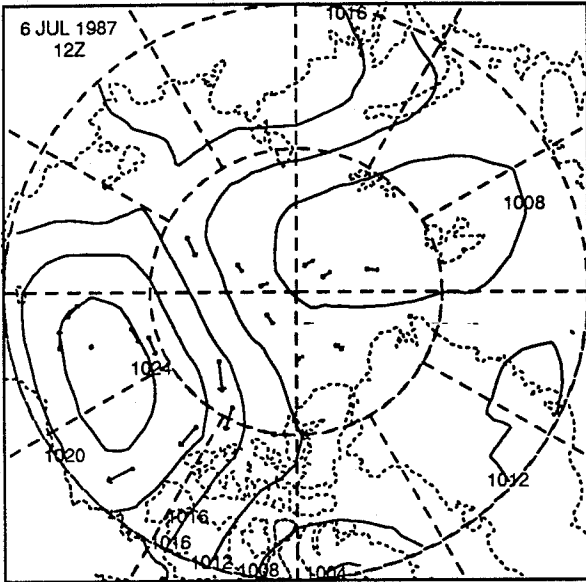


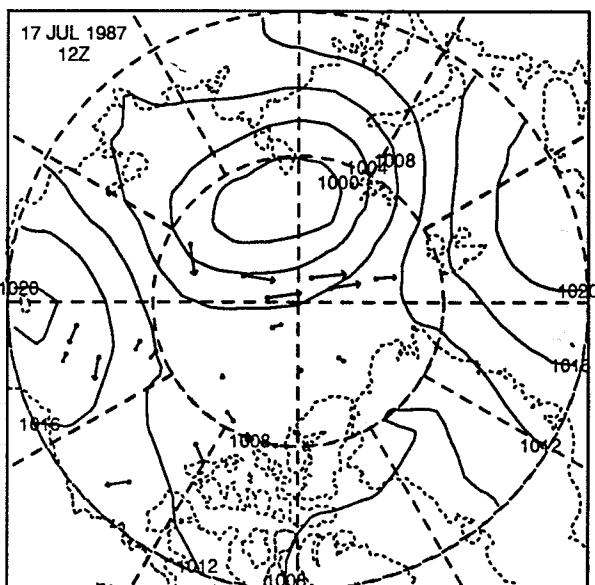
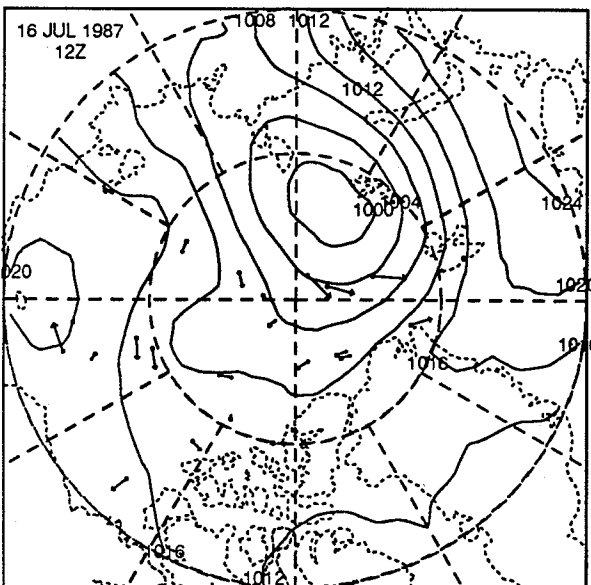
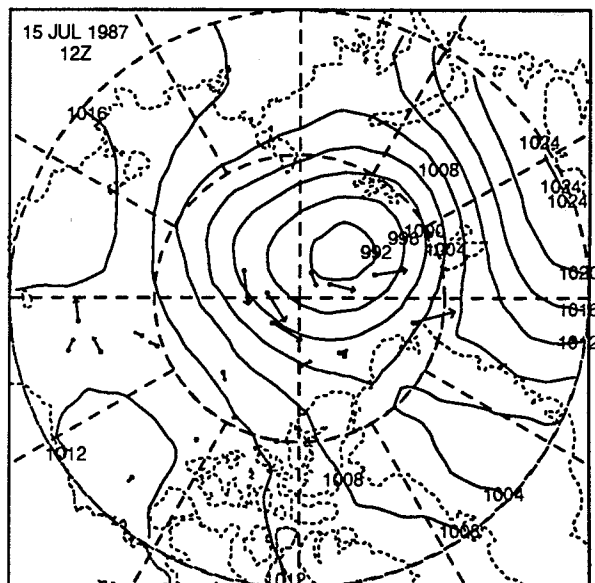
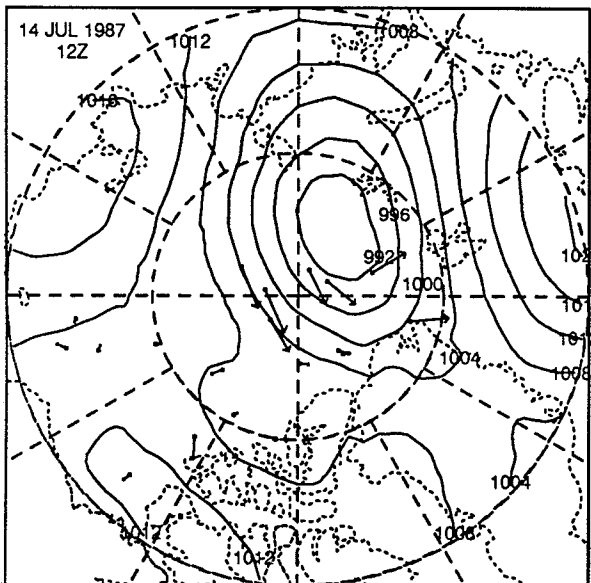
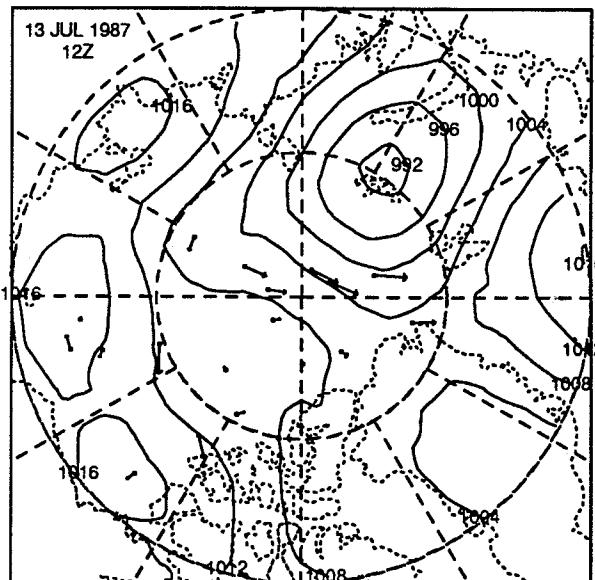
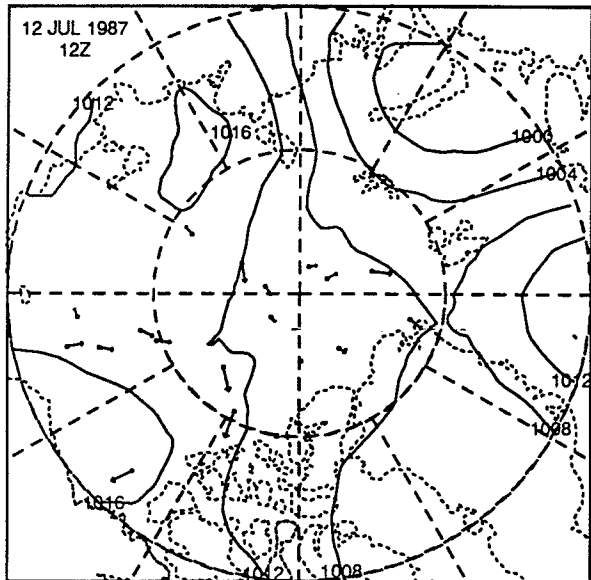


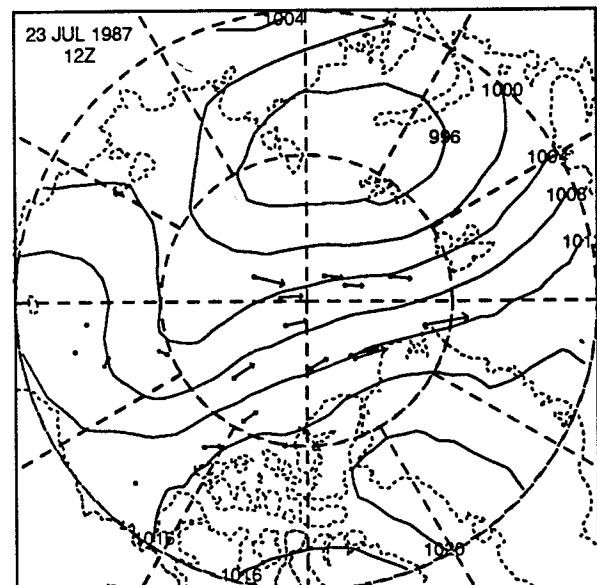
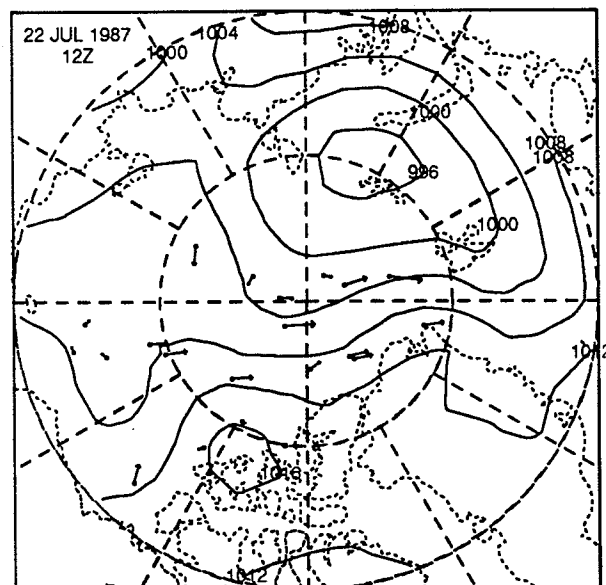
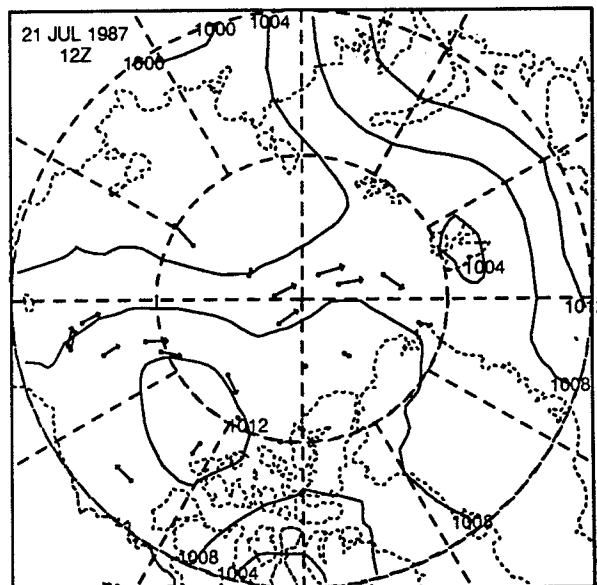
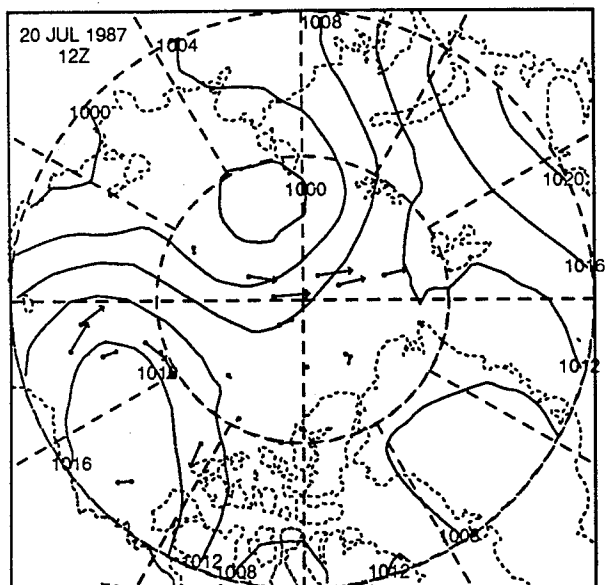
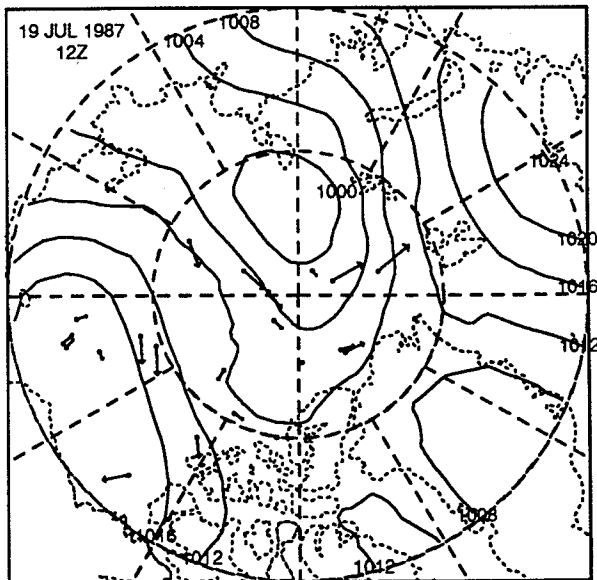
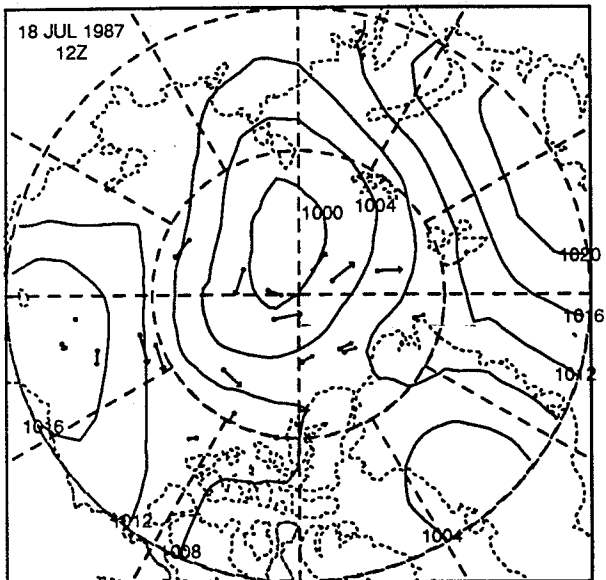
24 JUN 1987 - 29 JUN 1987

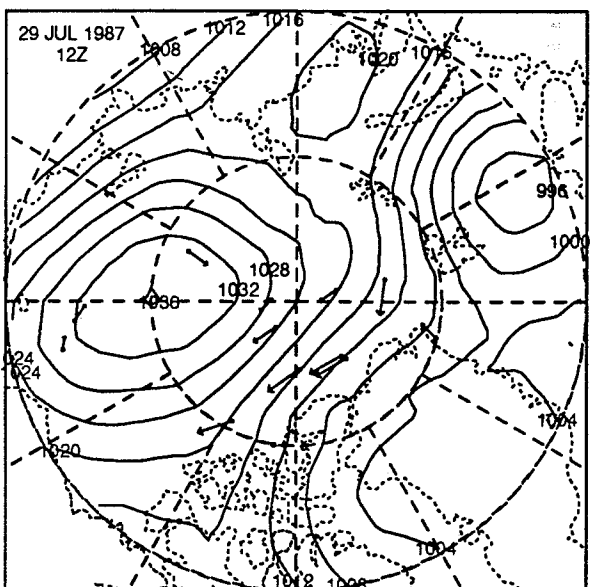
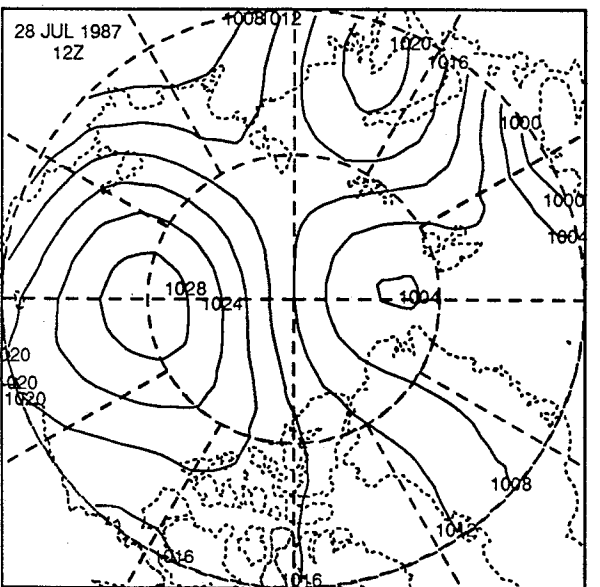
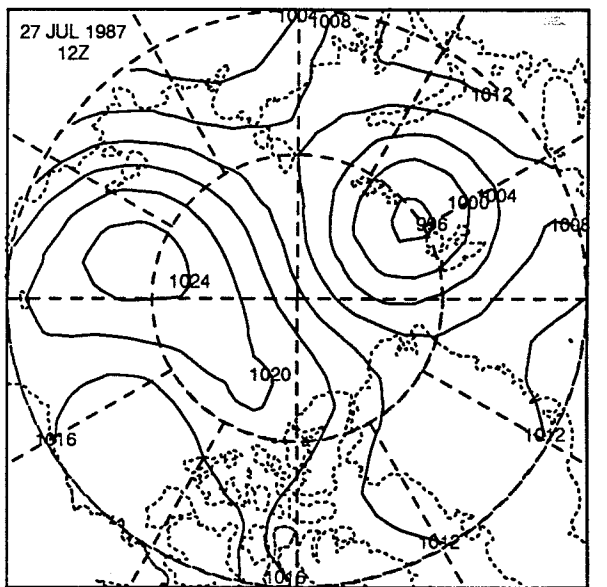
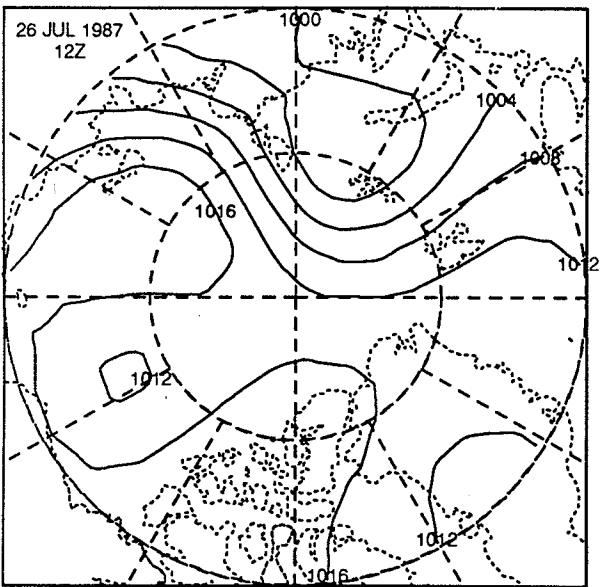
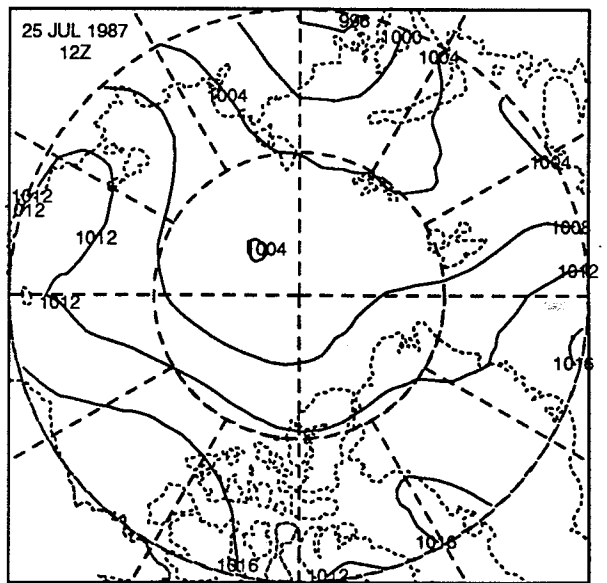
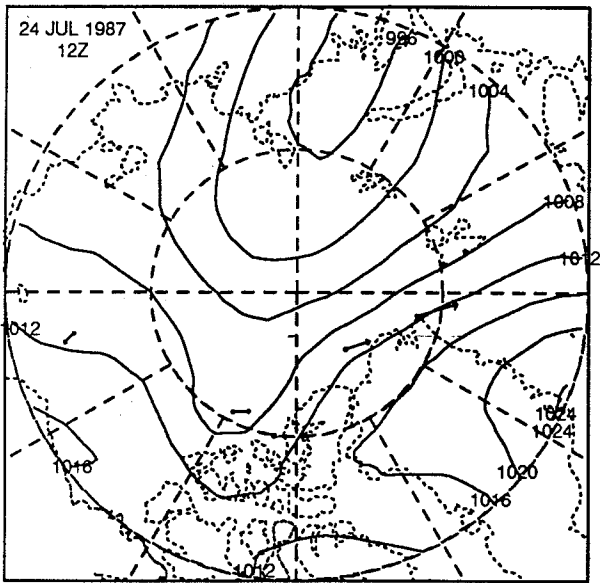




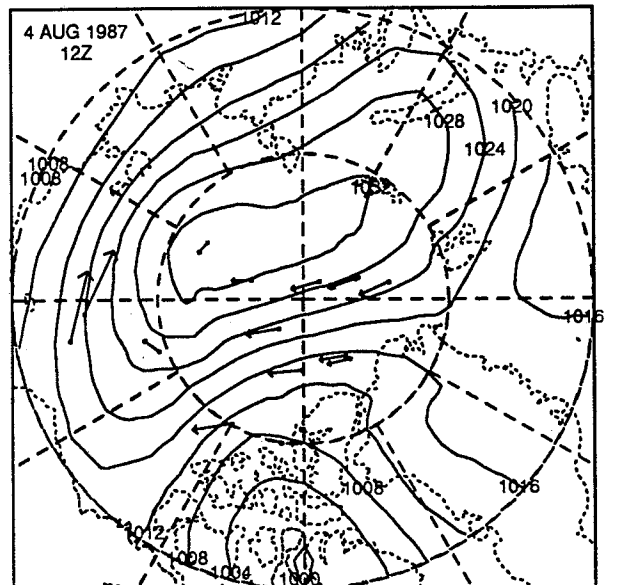
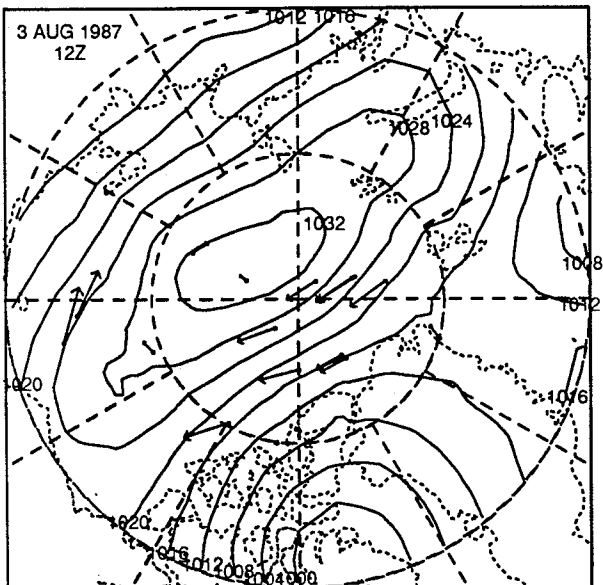
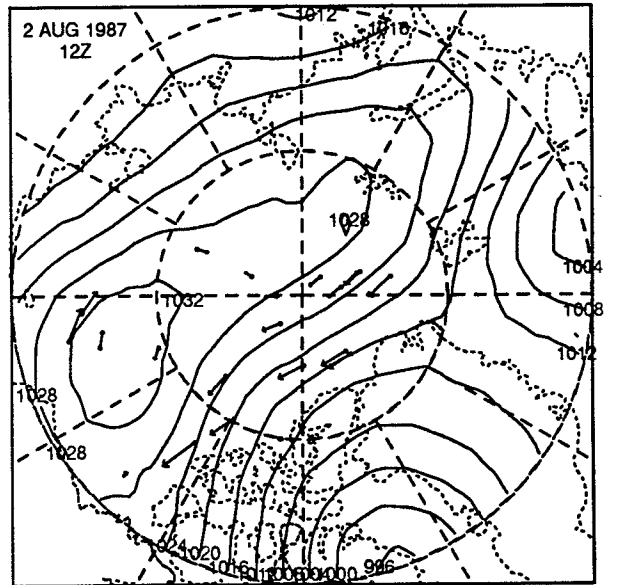
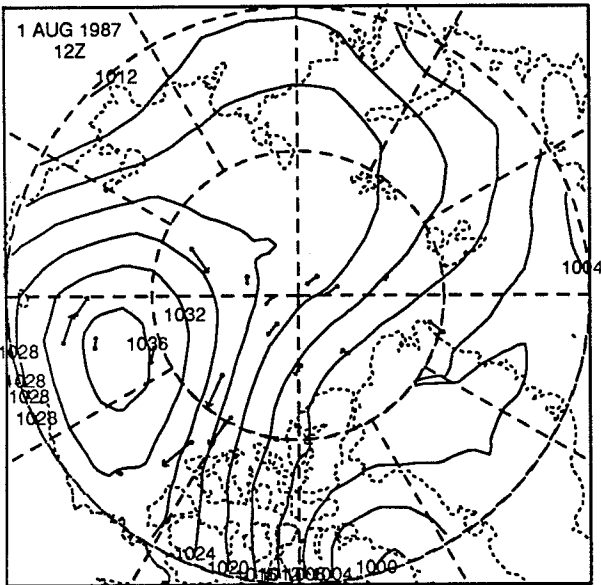
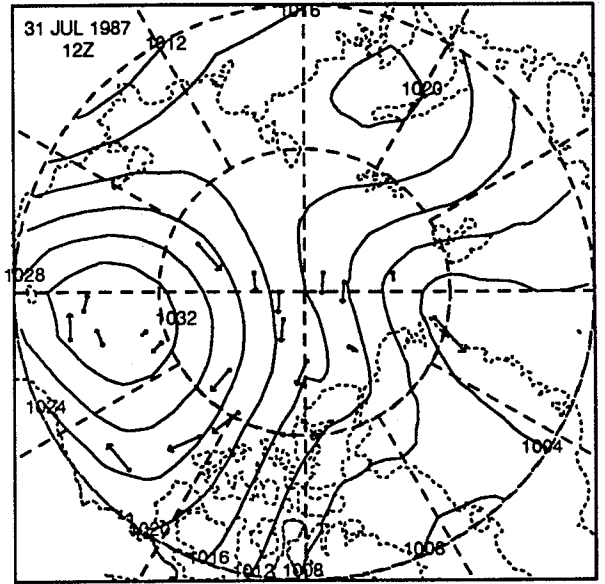
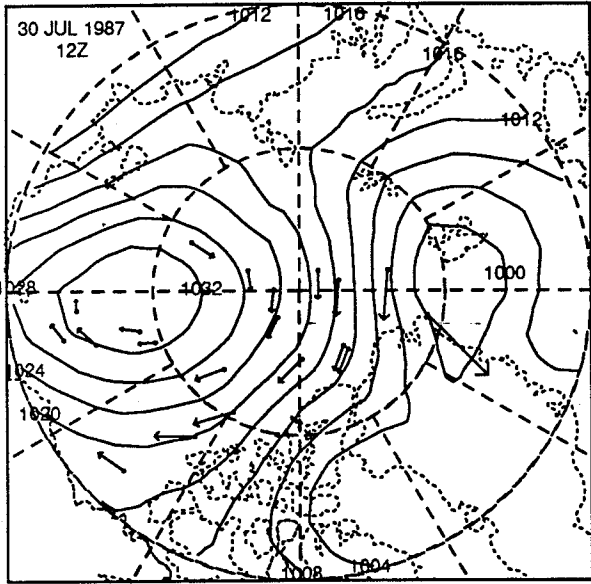




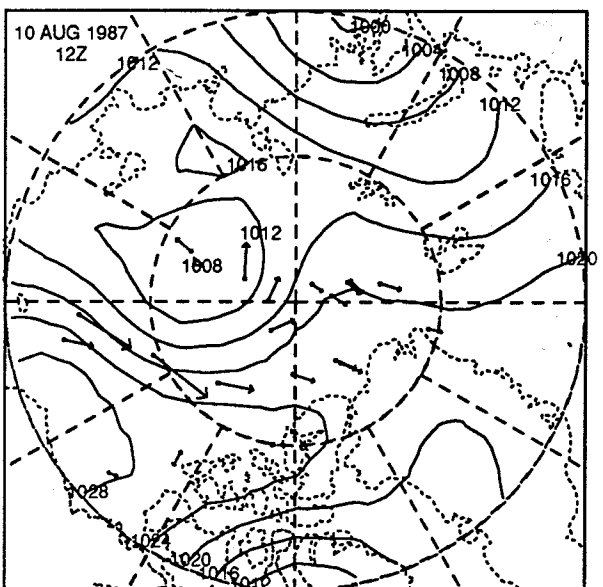
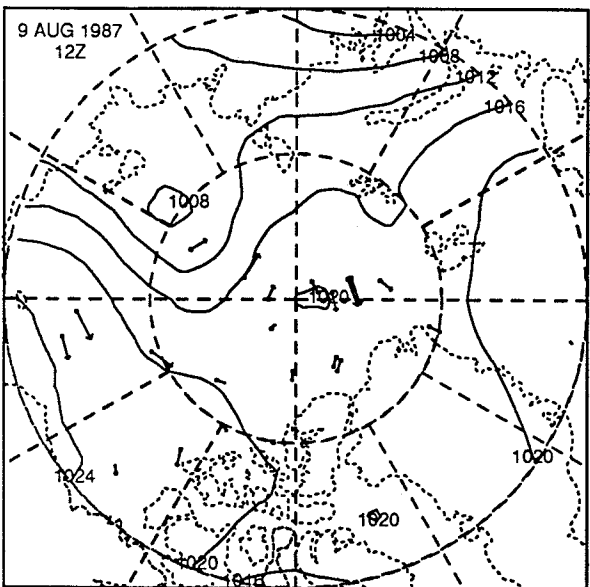
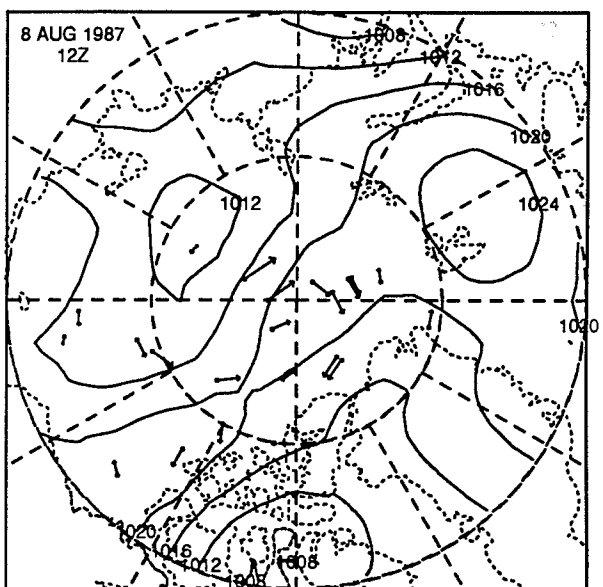
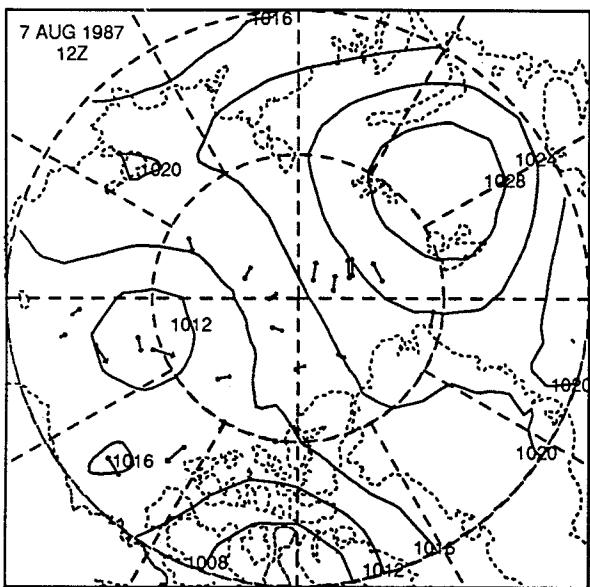
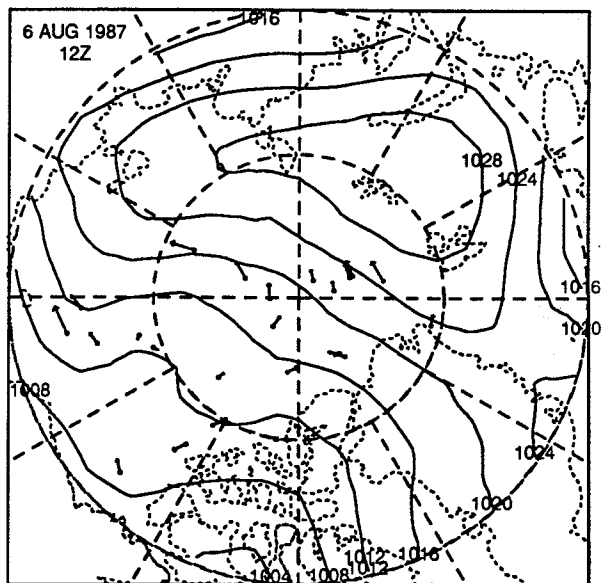
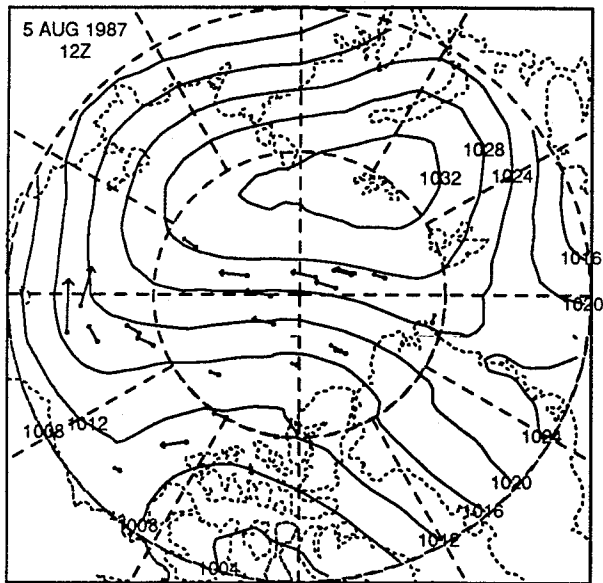




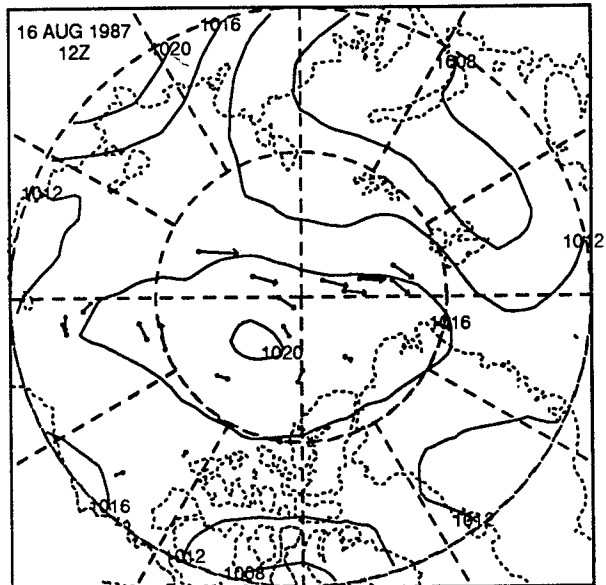
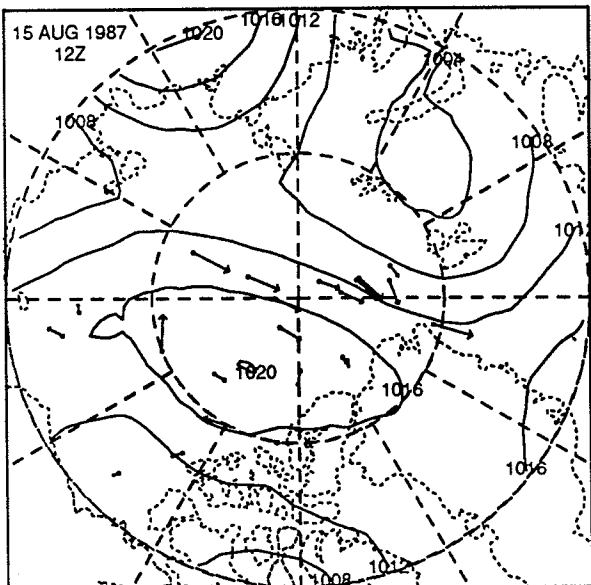
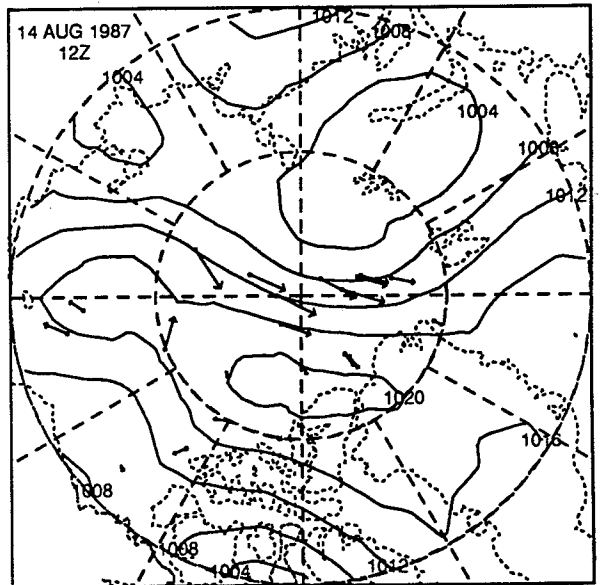
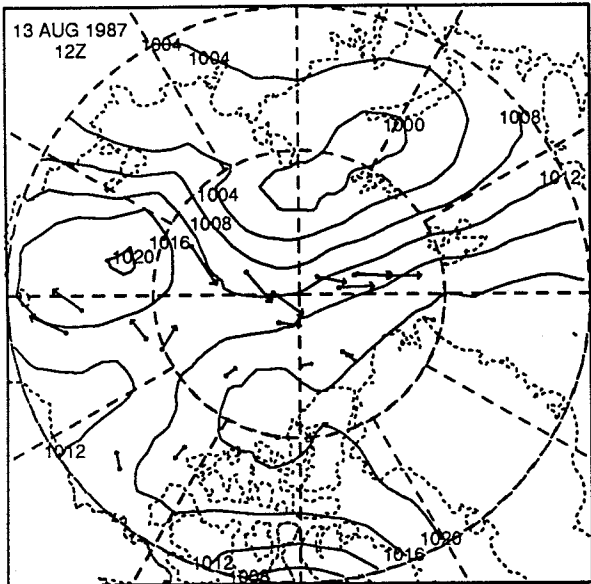
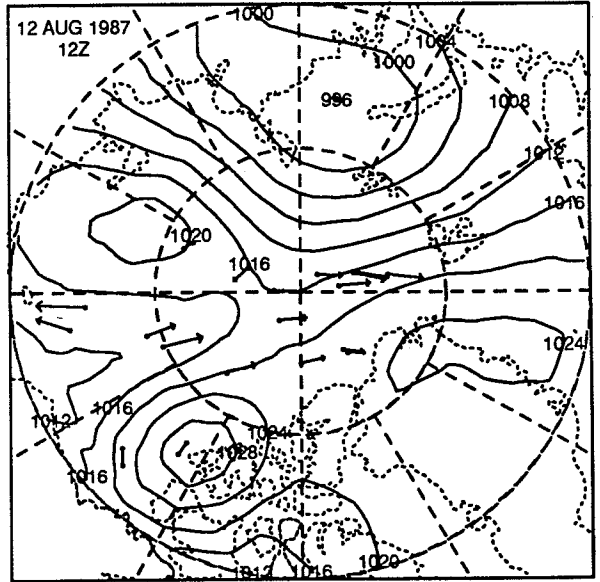
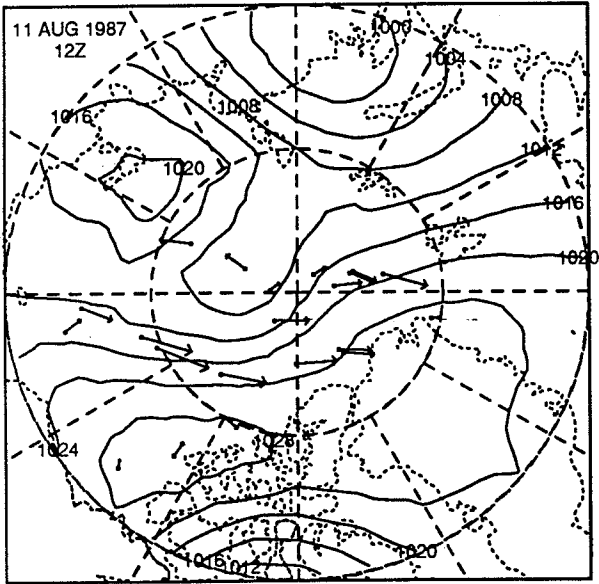
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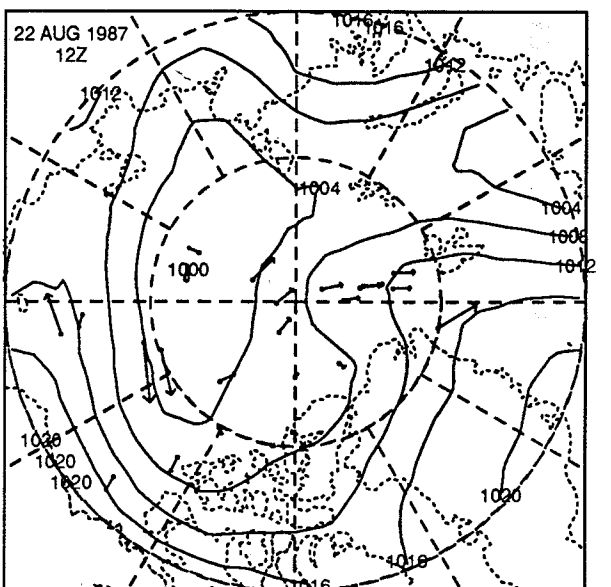
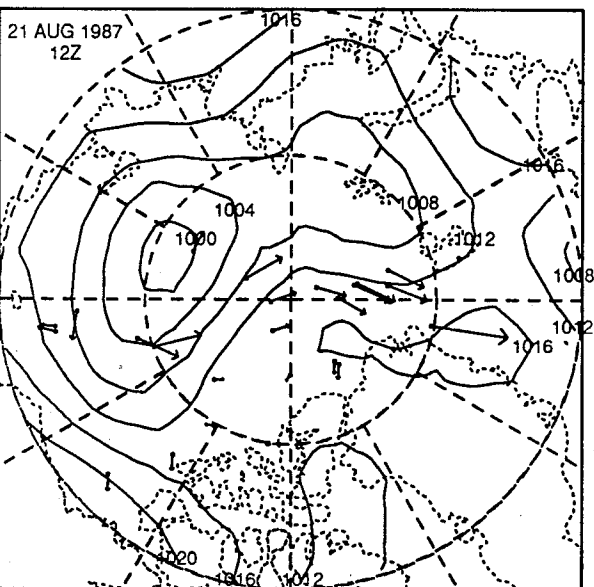
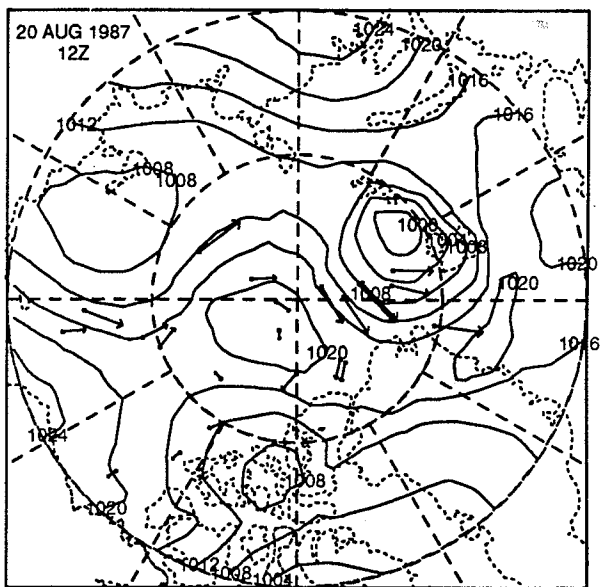
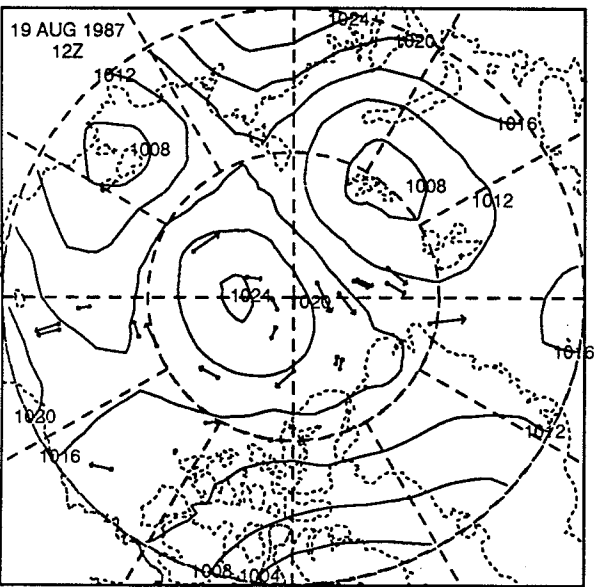
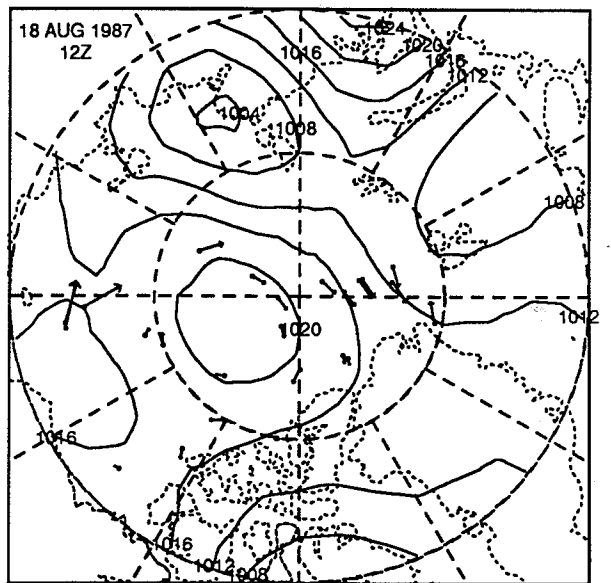
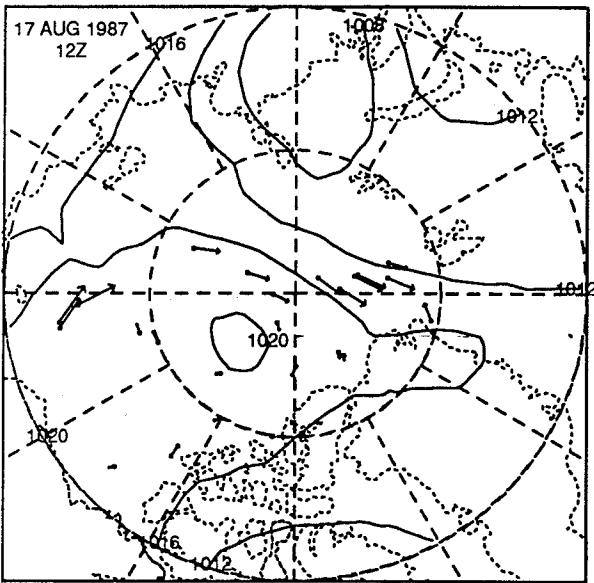


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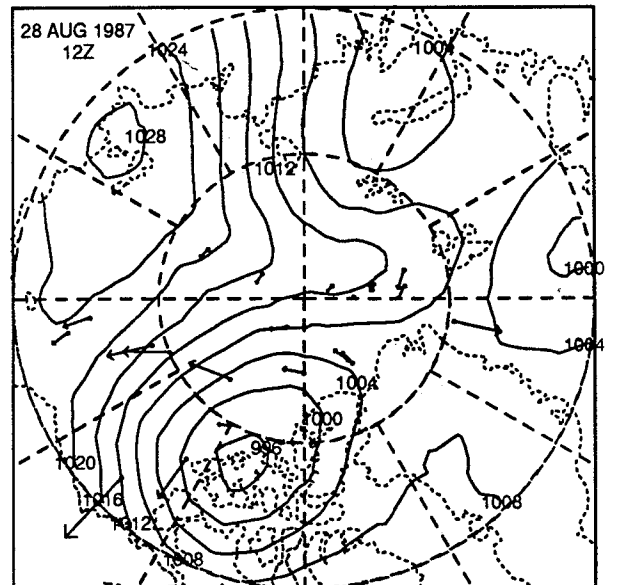
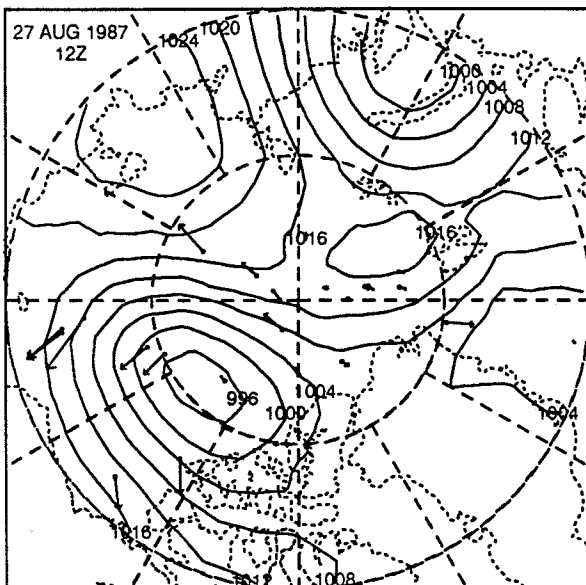
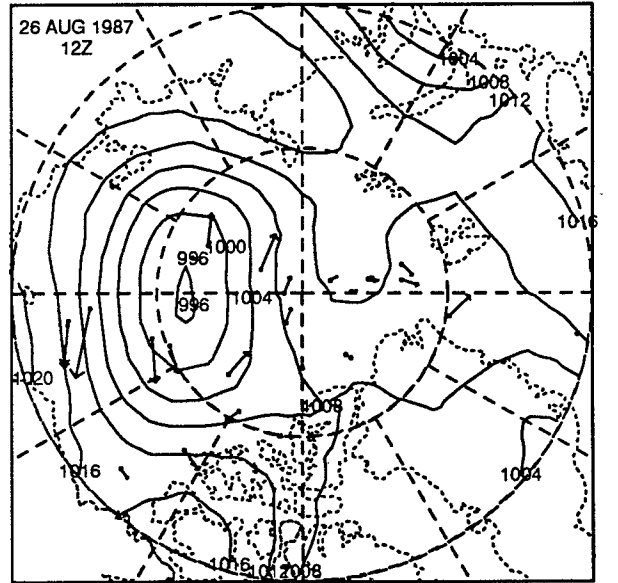
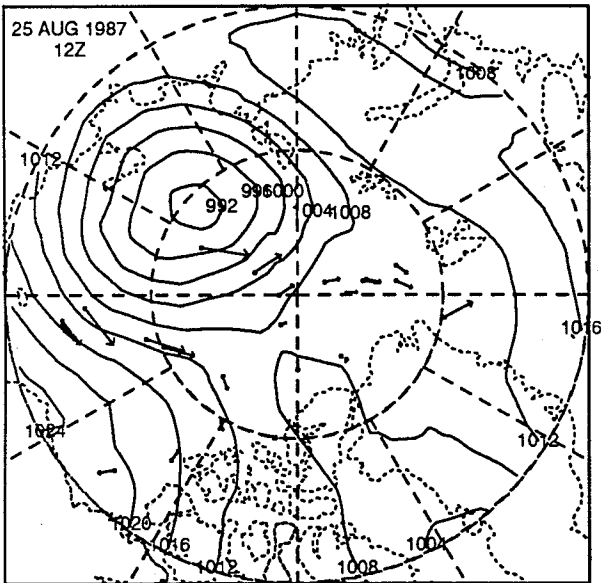
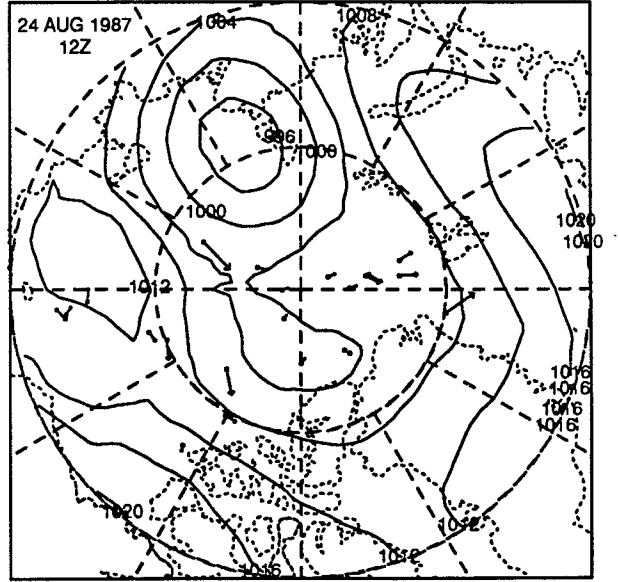
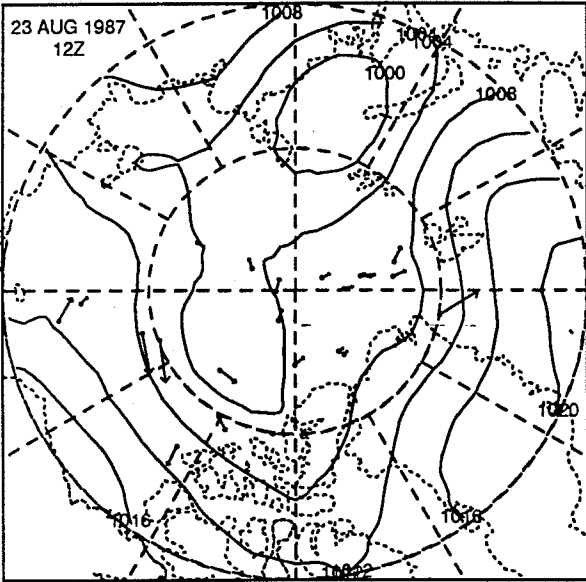


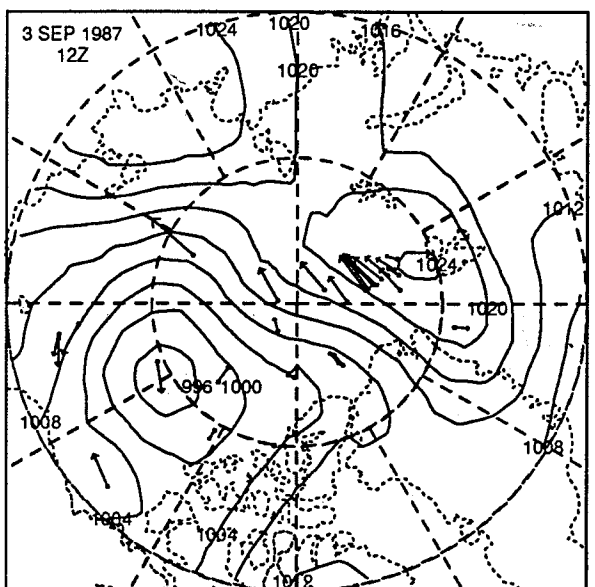
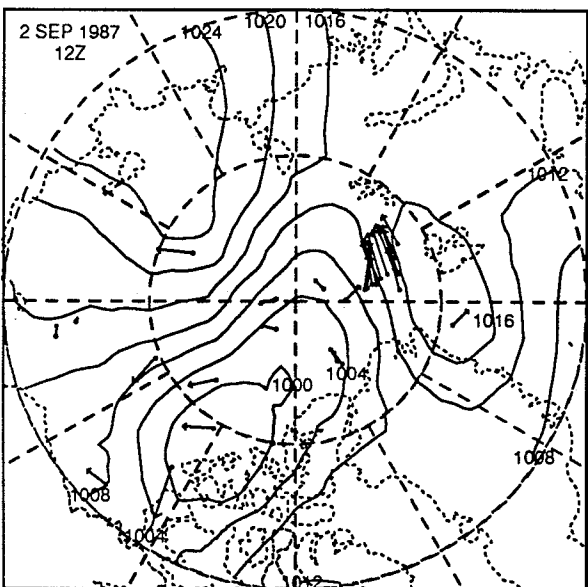
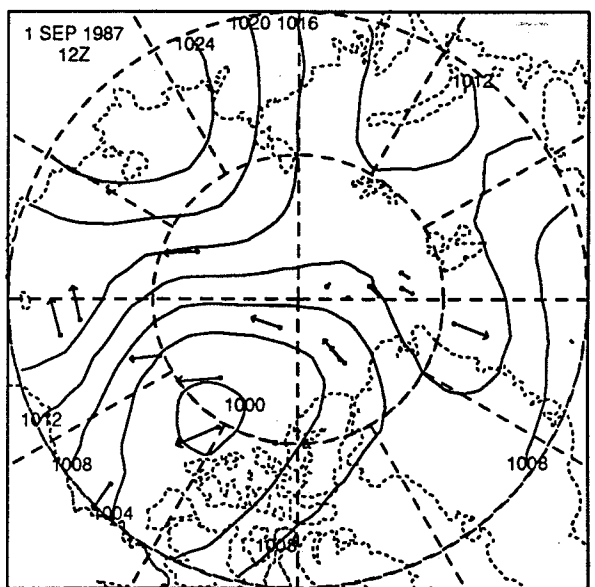
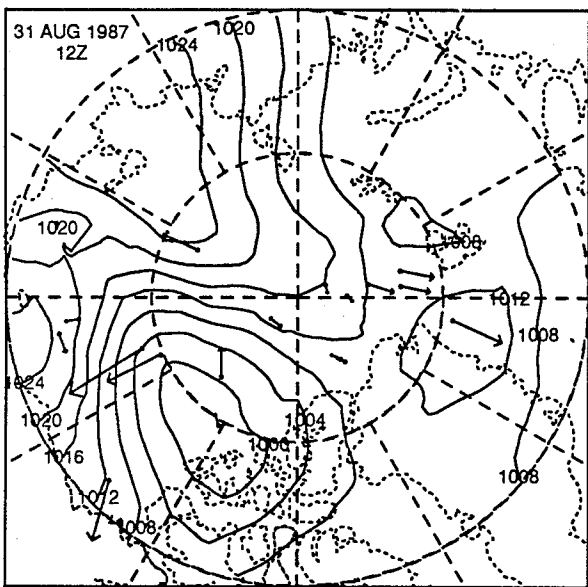
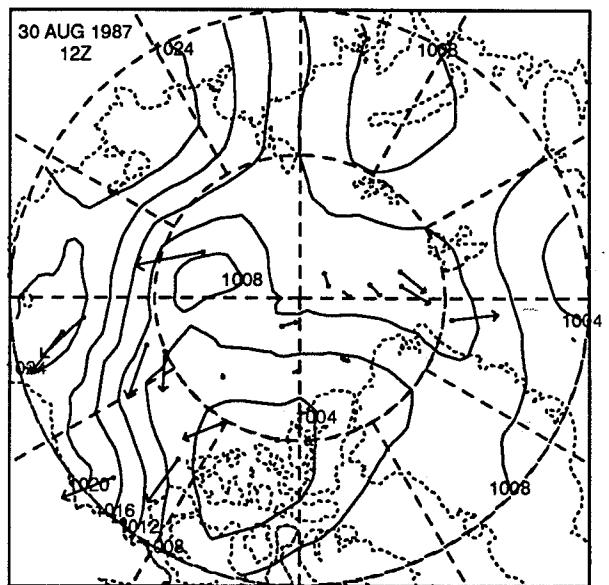
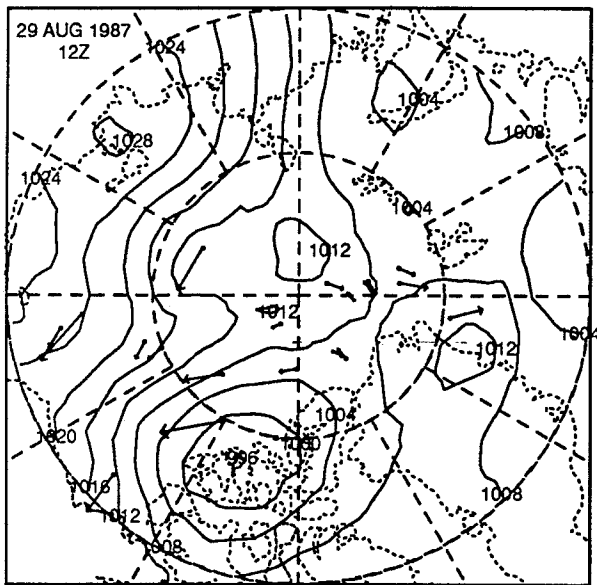
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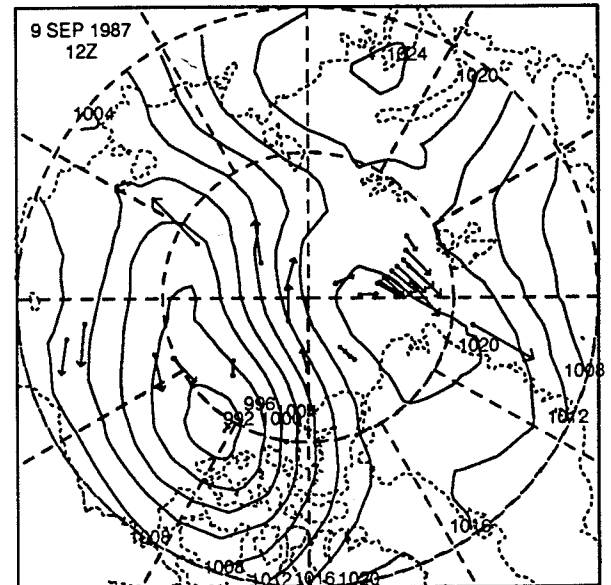
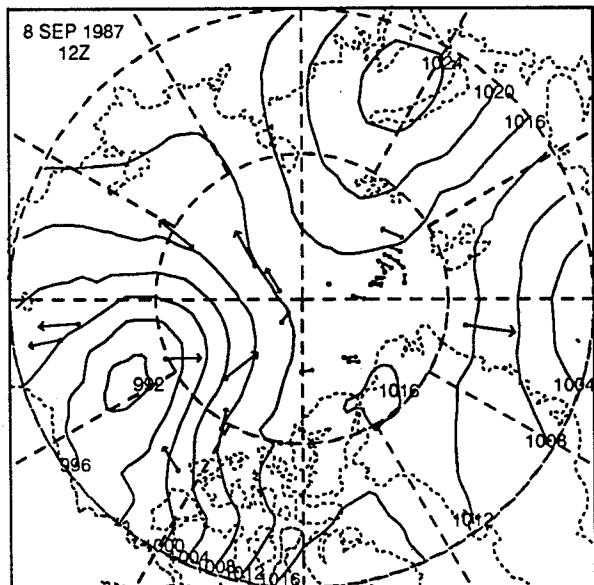
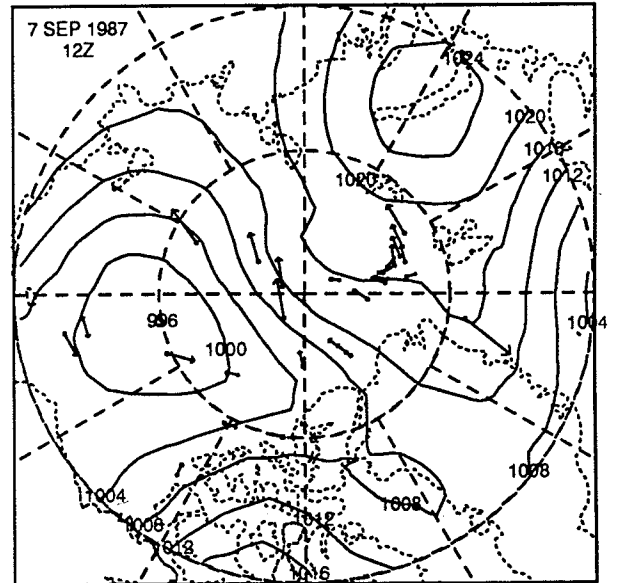
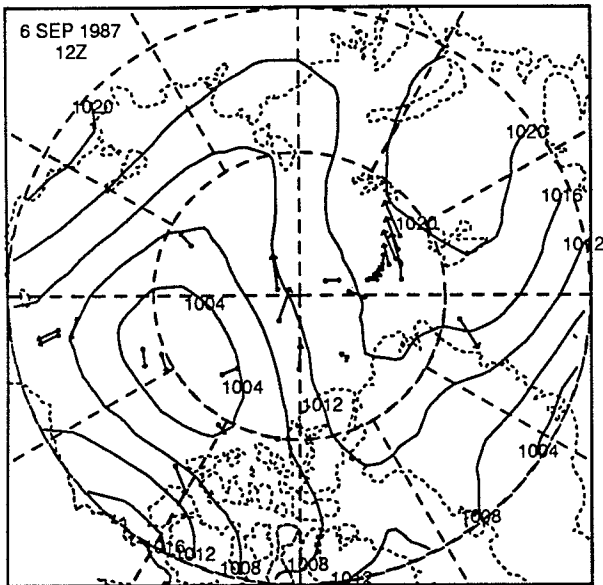
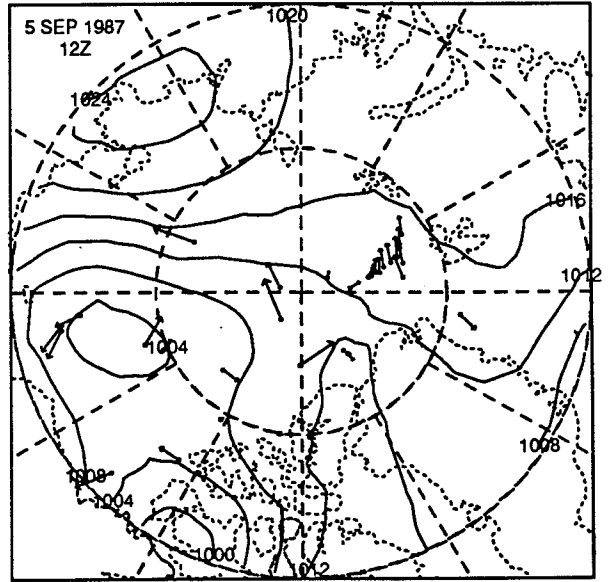
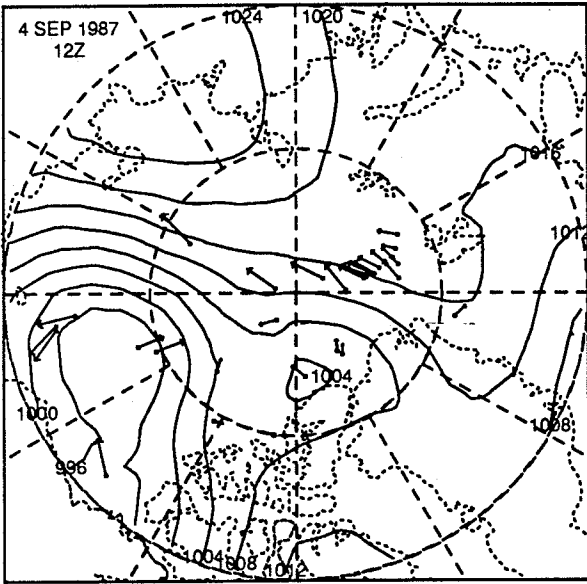




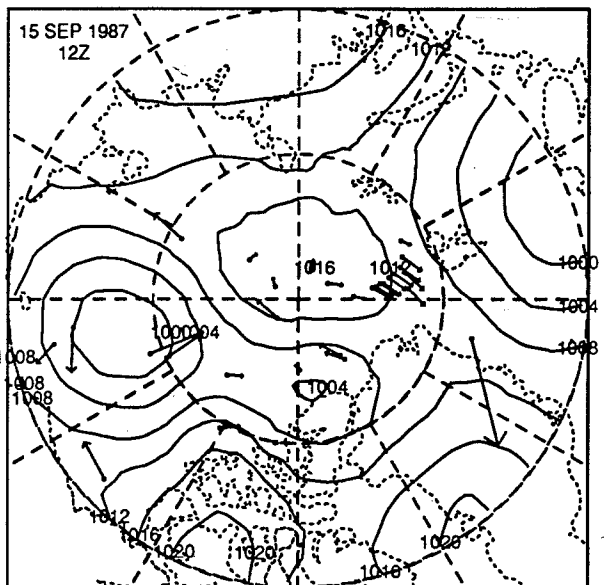
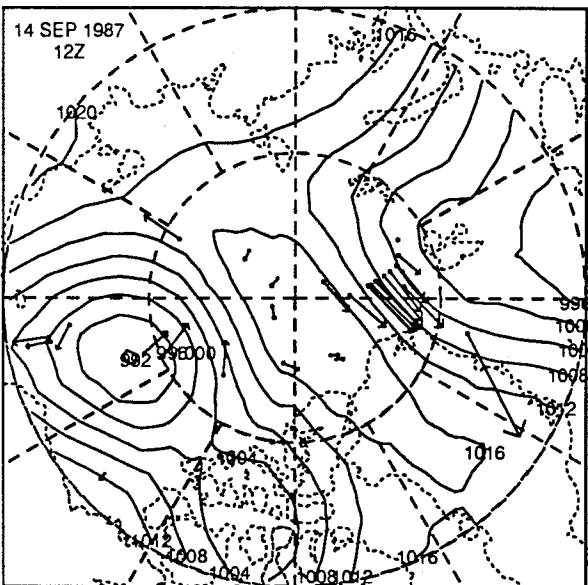
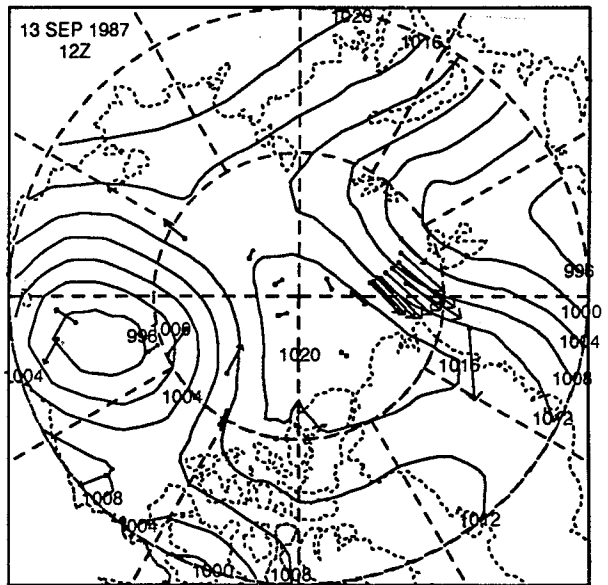
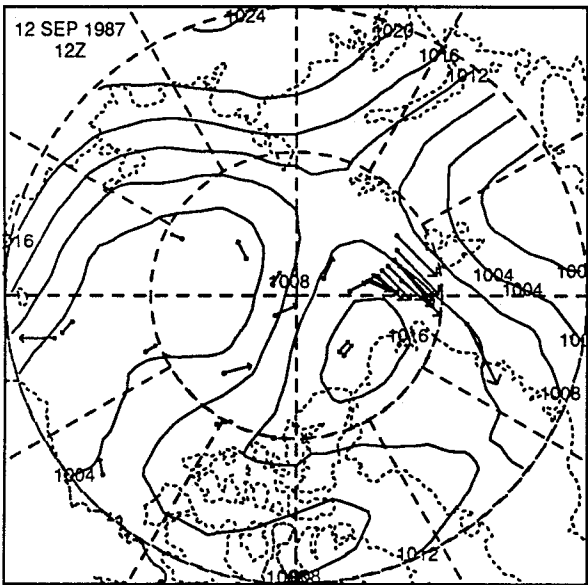
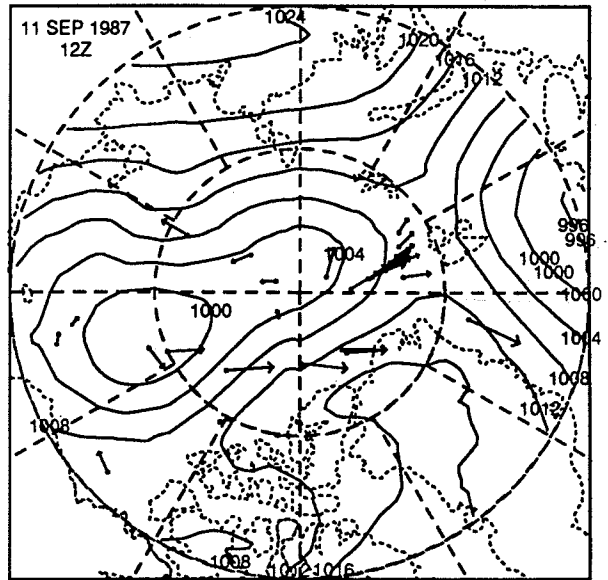
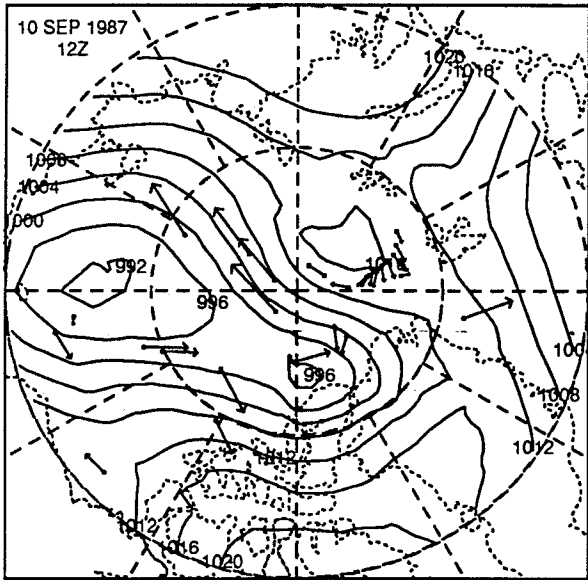
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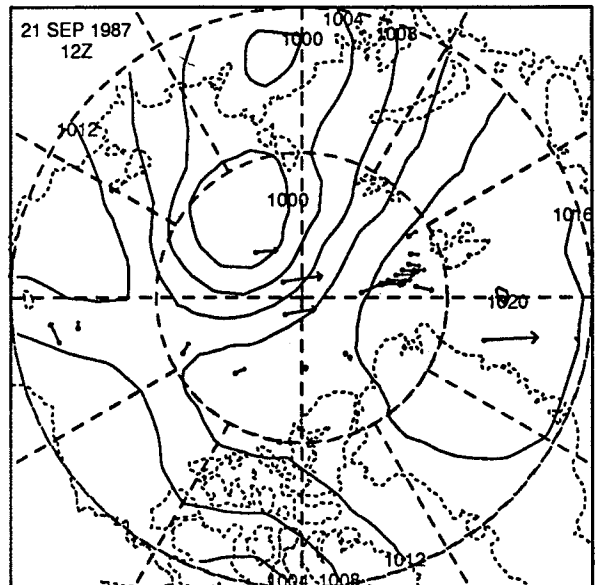
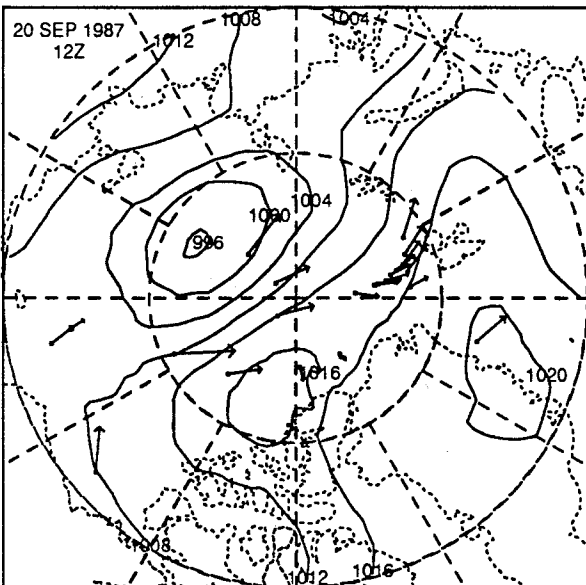
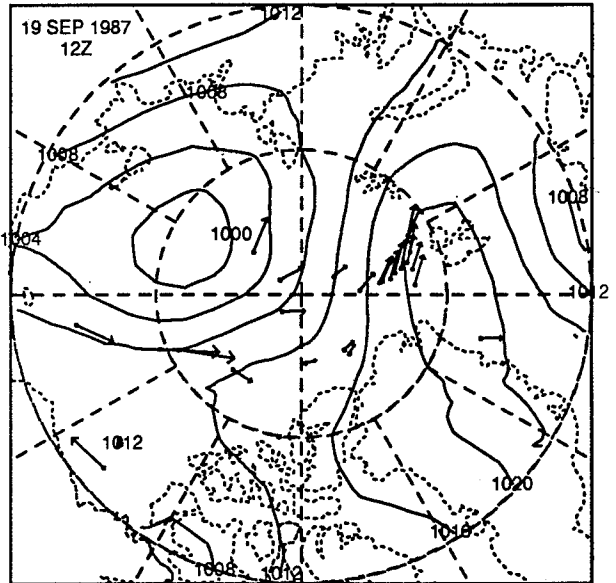
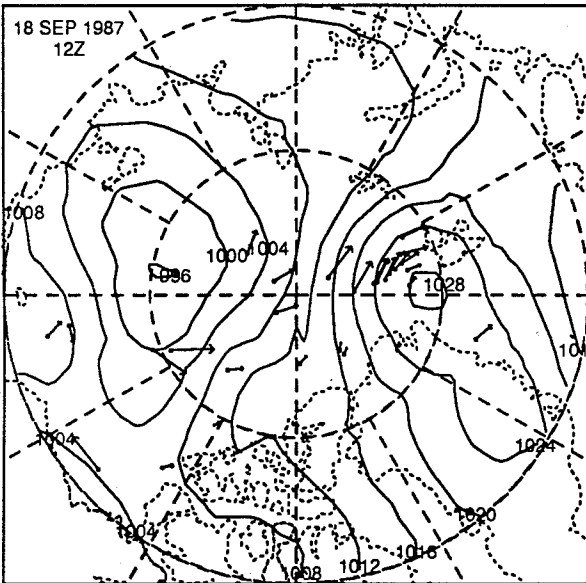
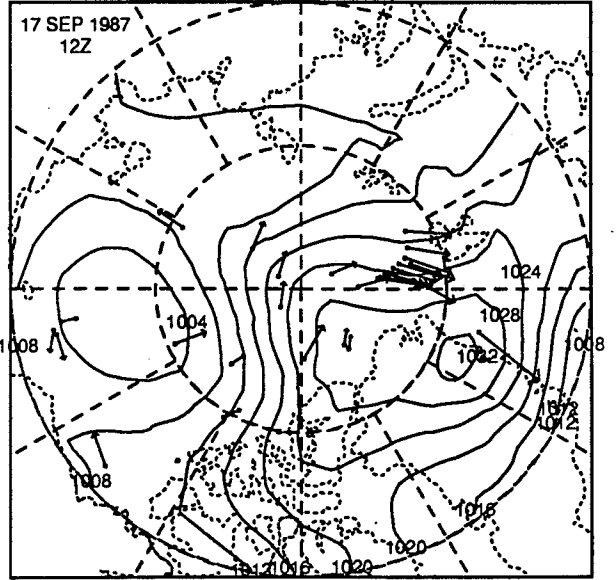
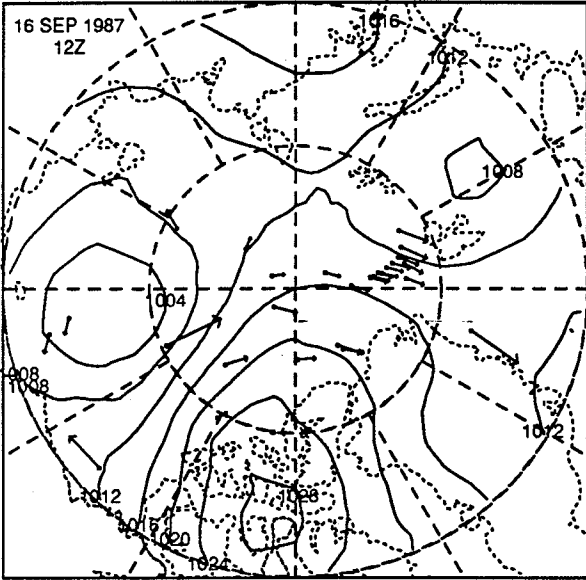


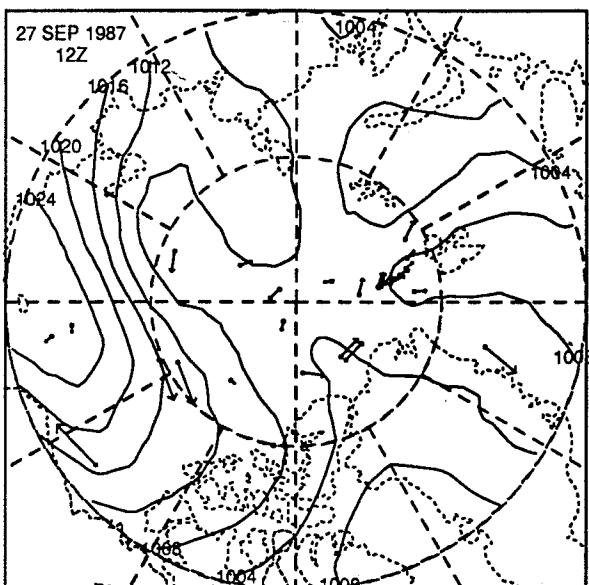
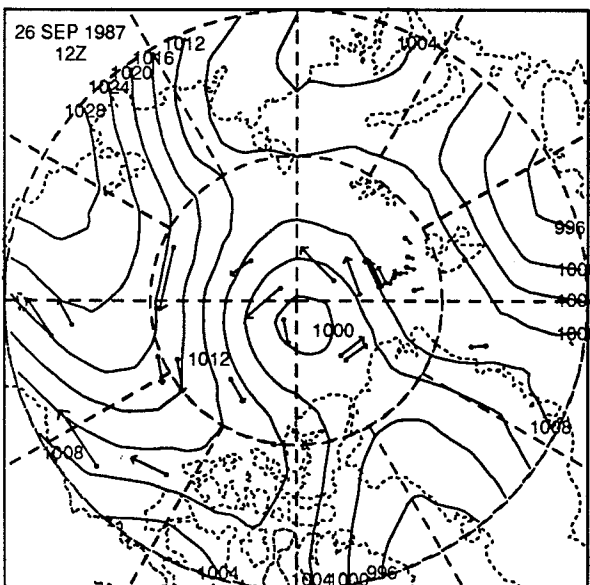
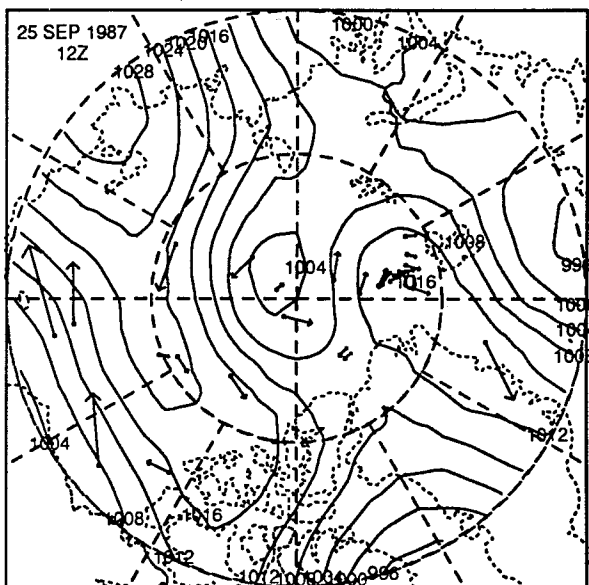
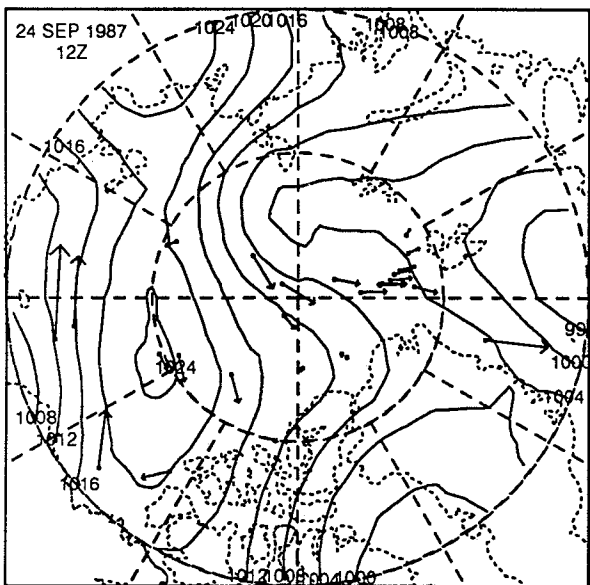
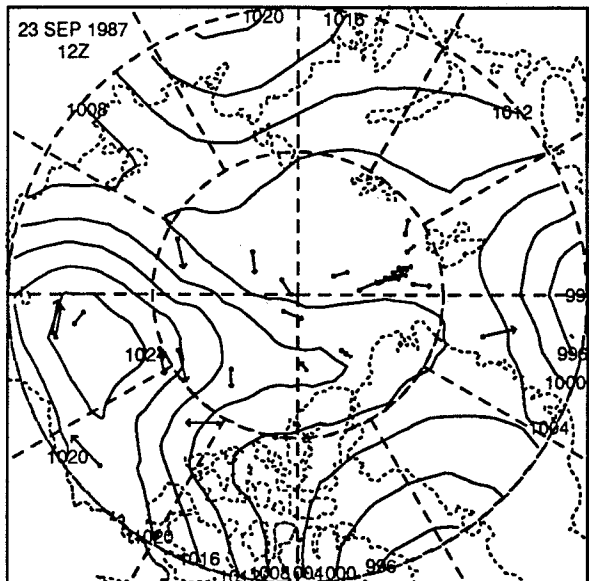
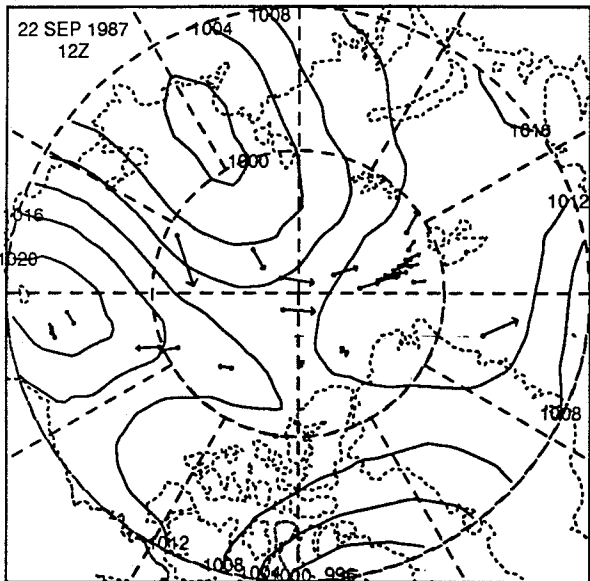


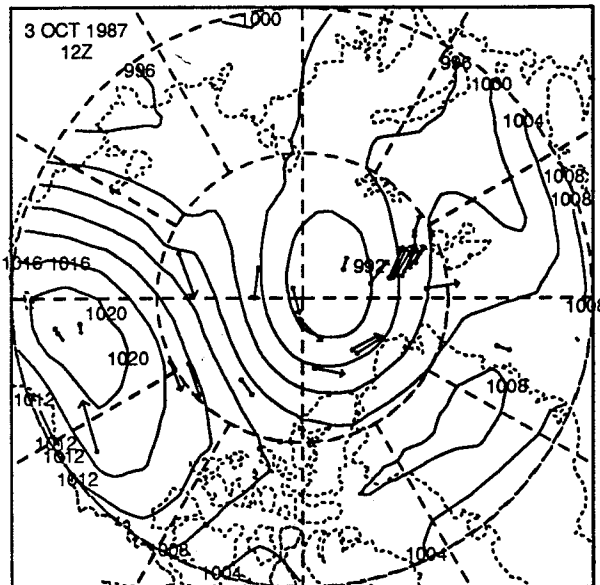
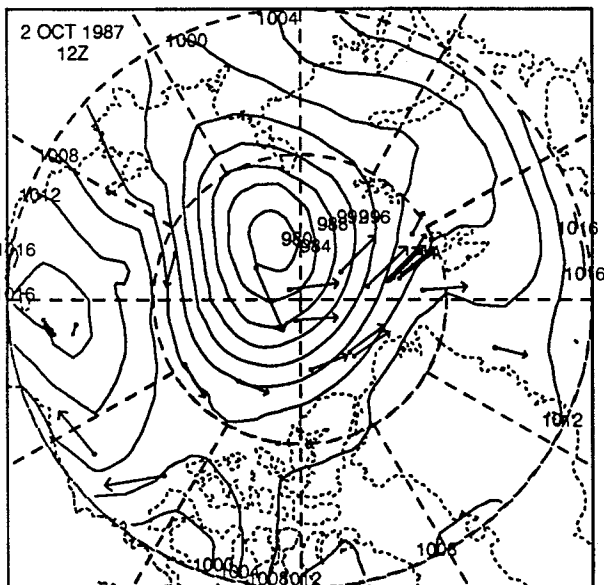
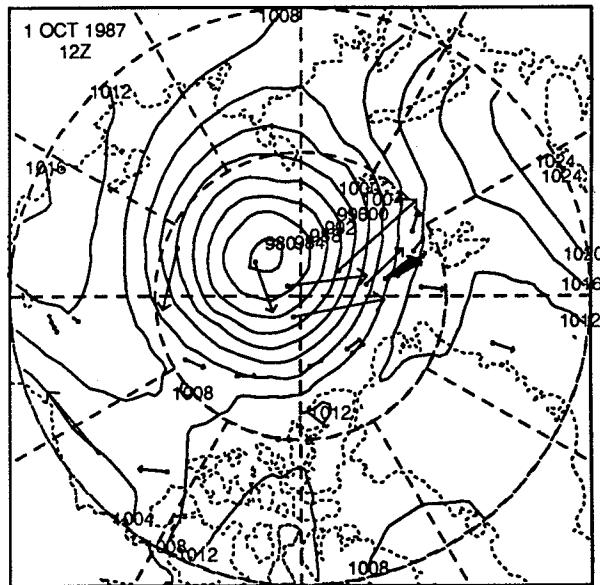
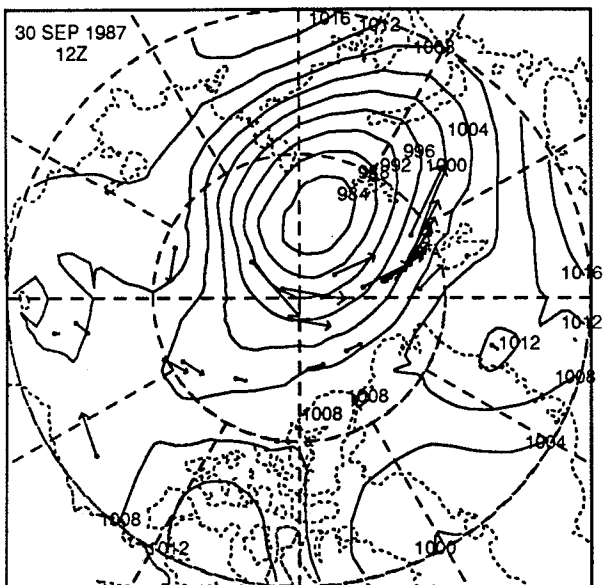
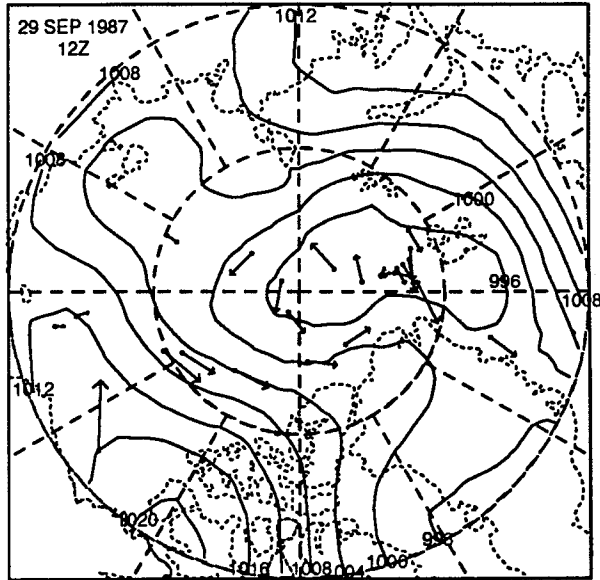
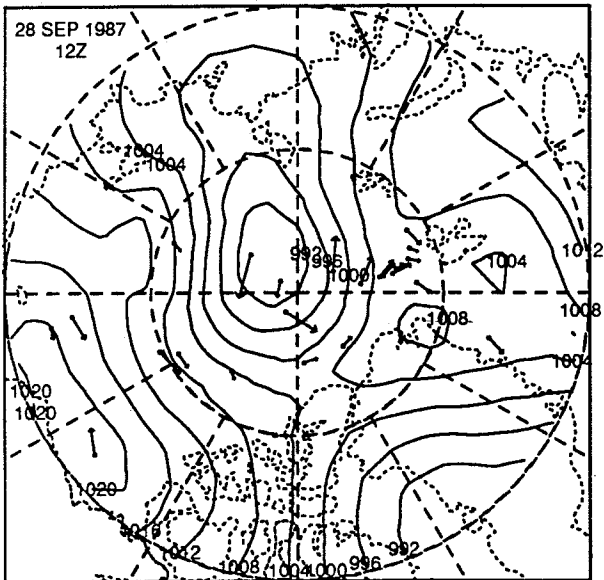
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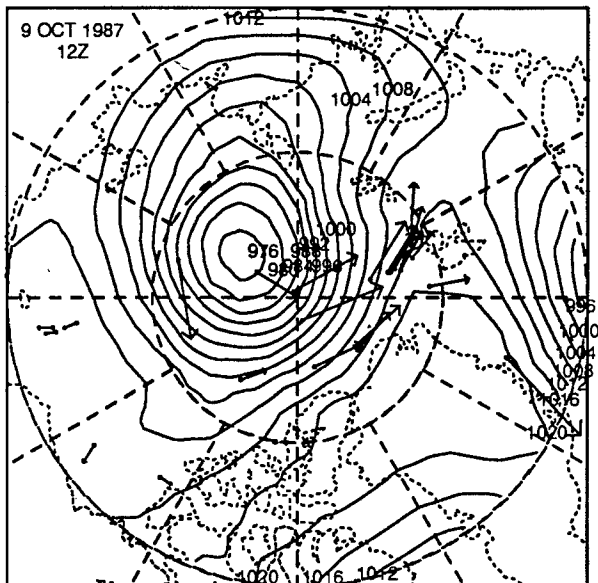
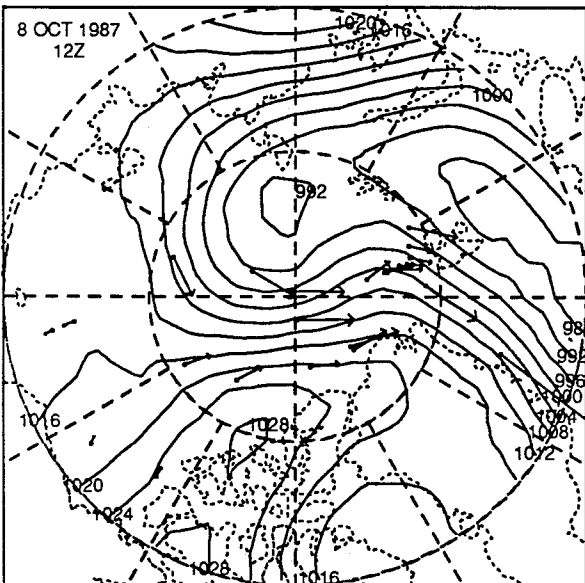
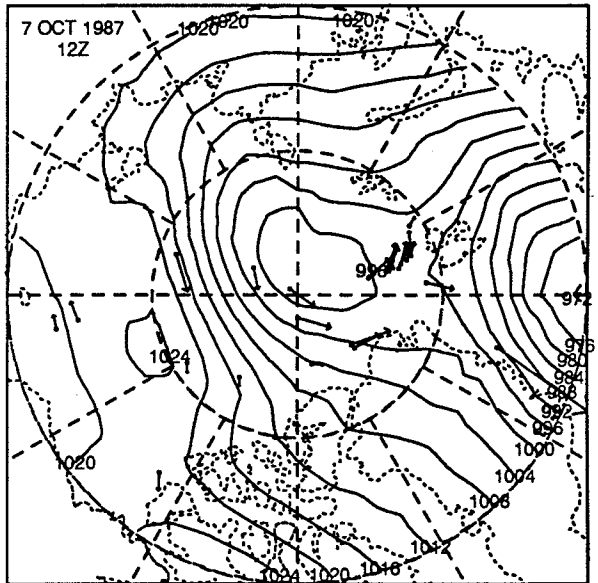
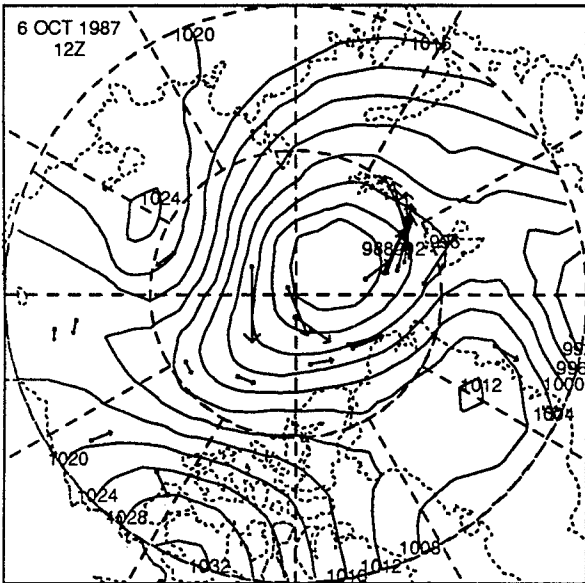
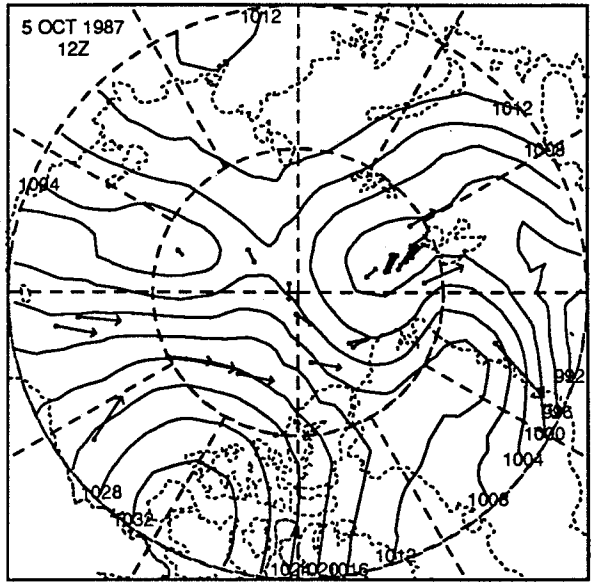
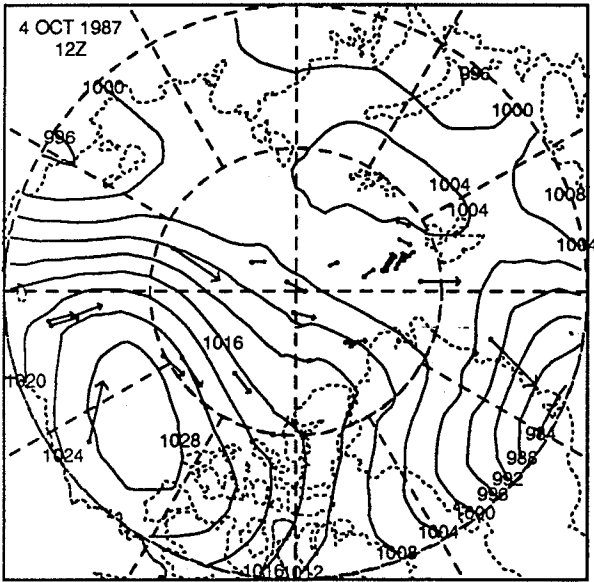


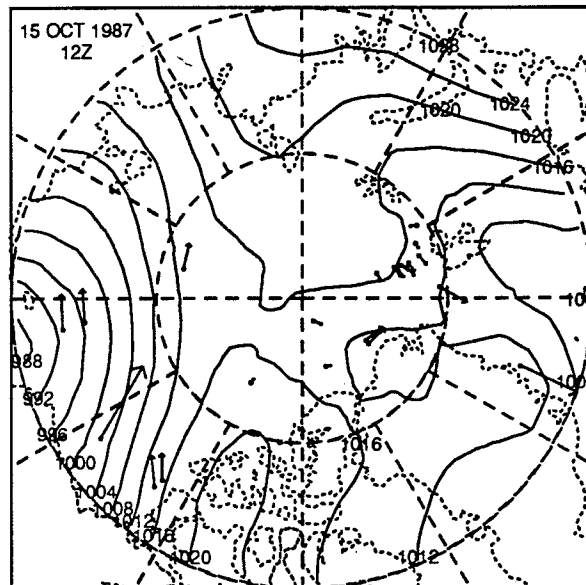
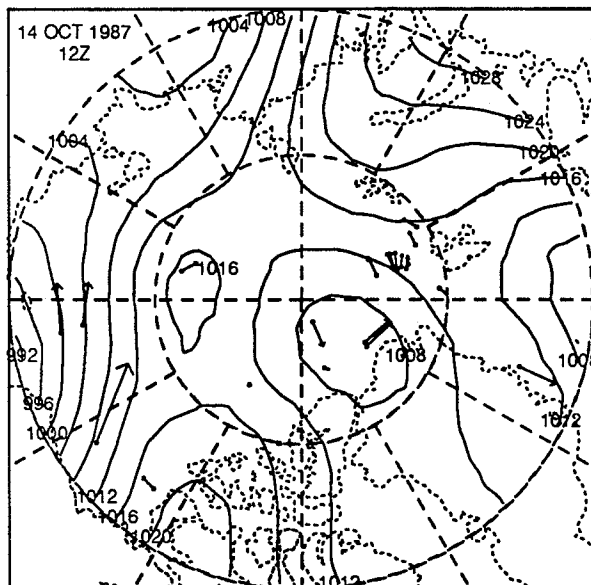
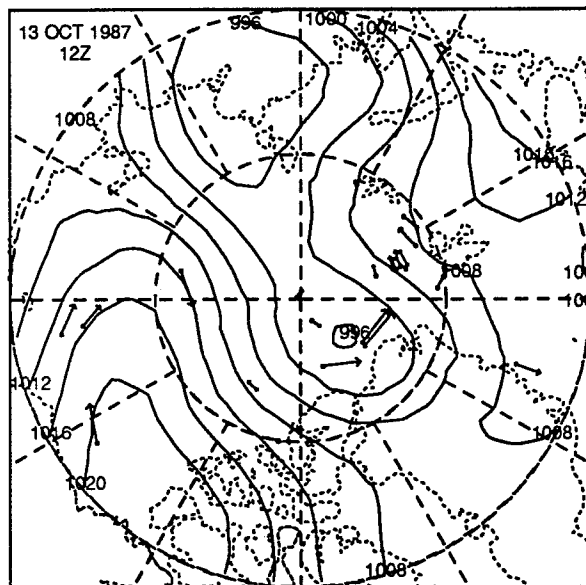
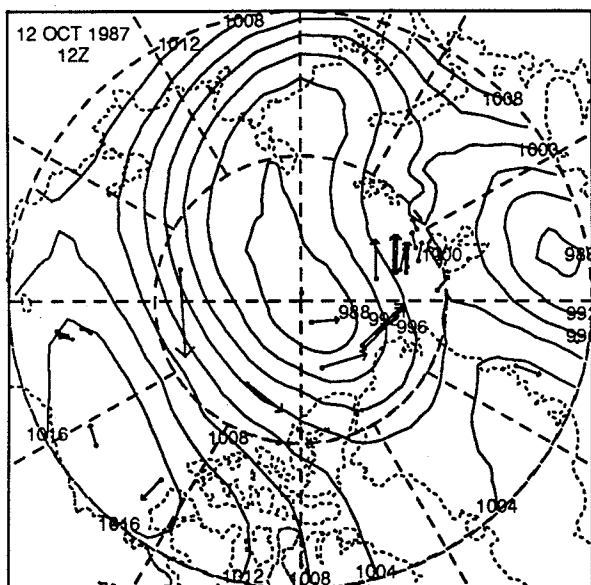
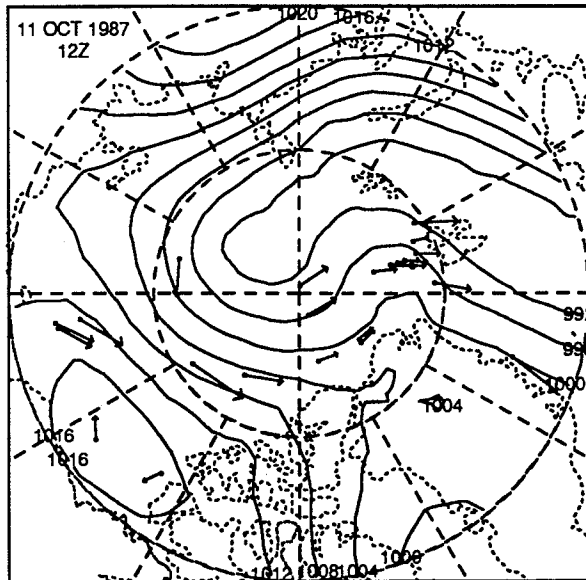
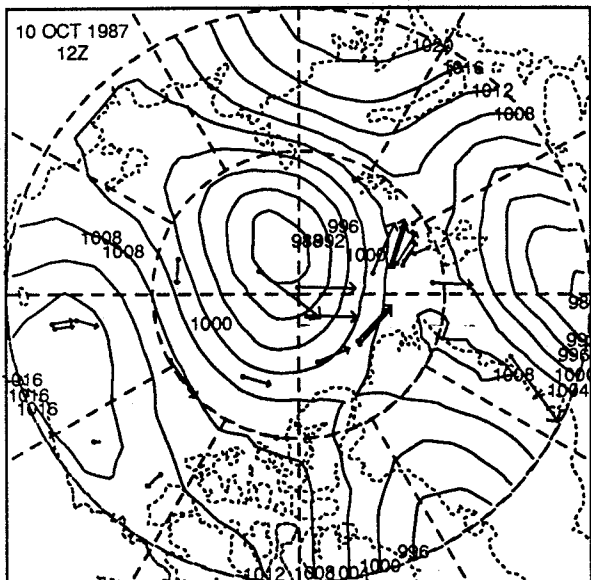
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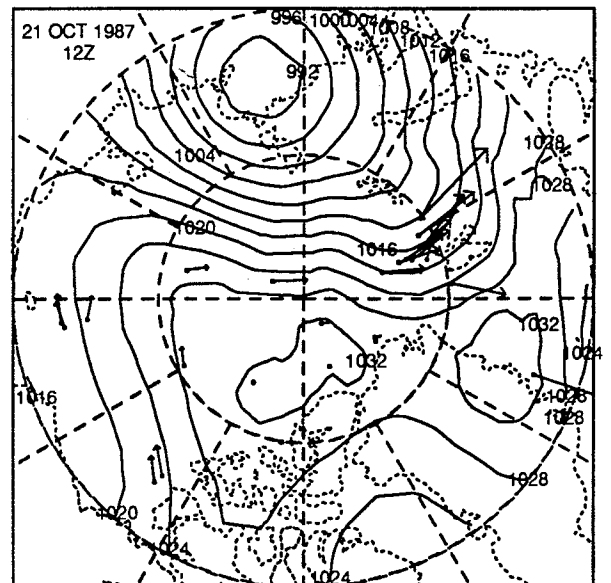
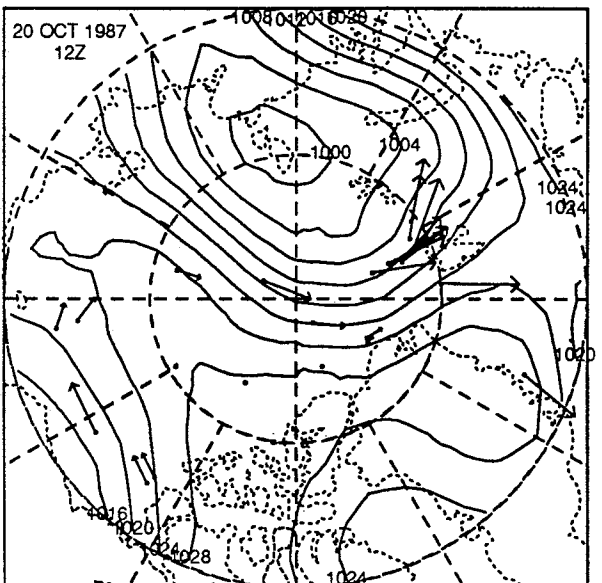
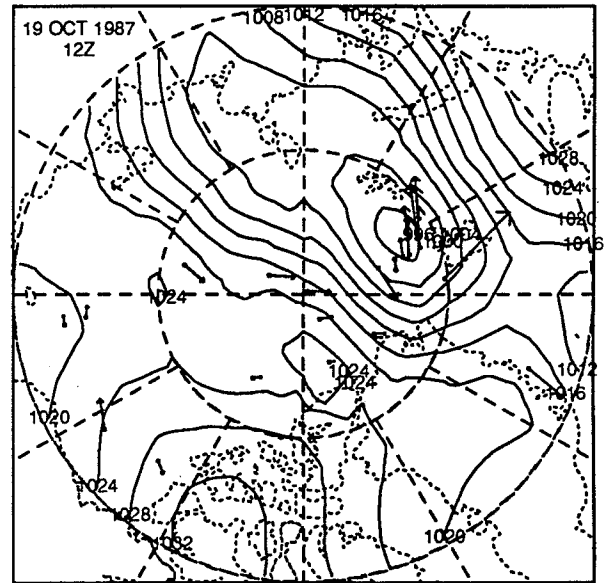
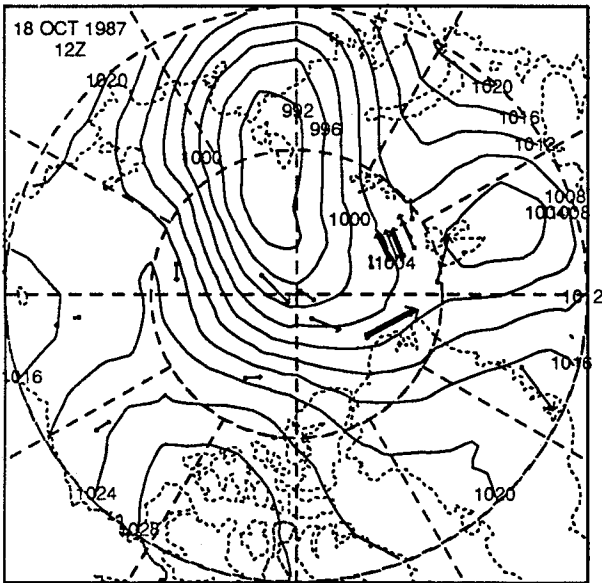
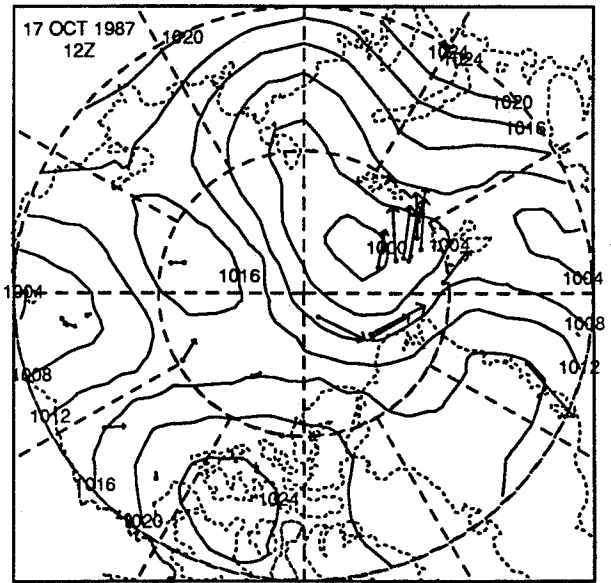
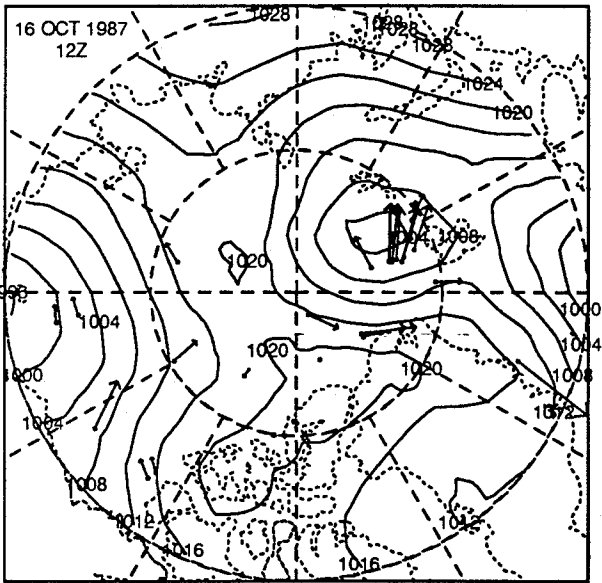




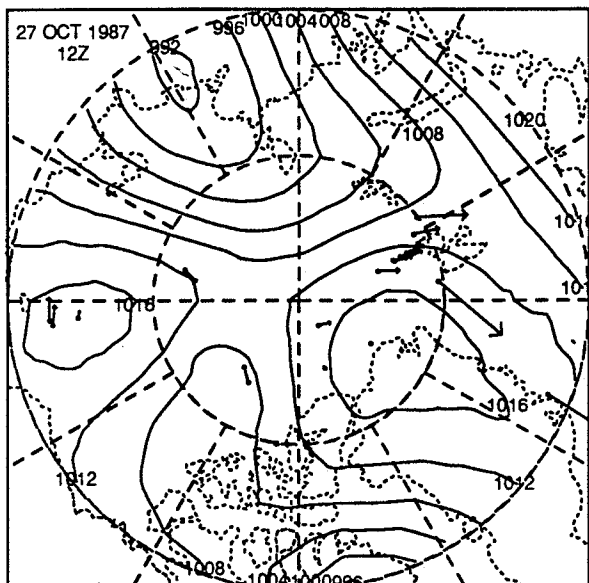
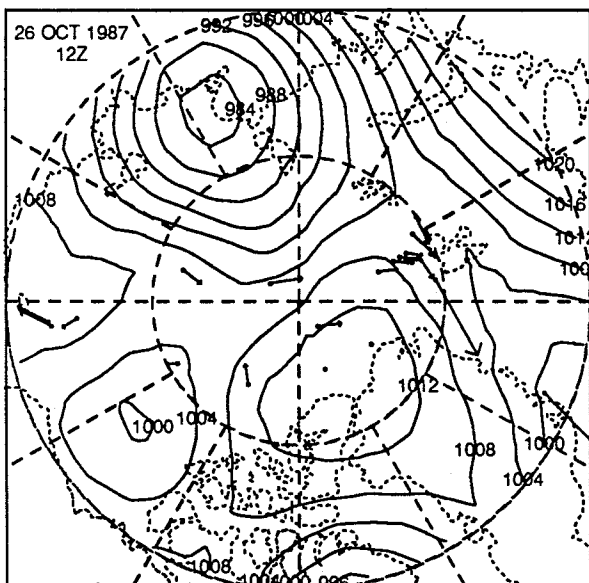
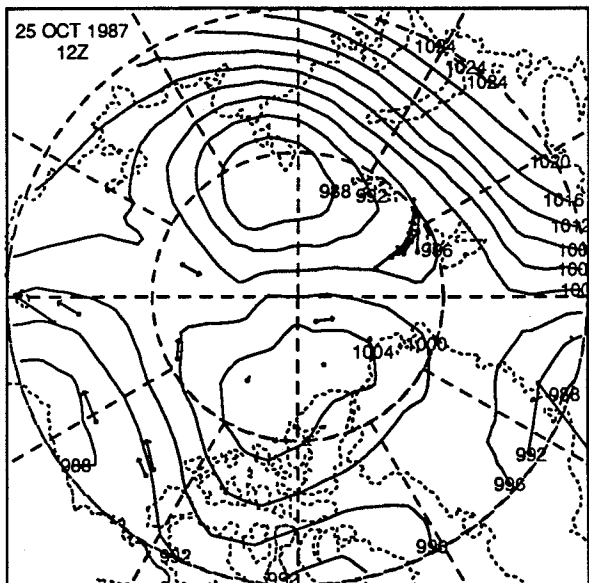
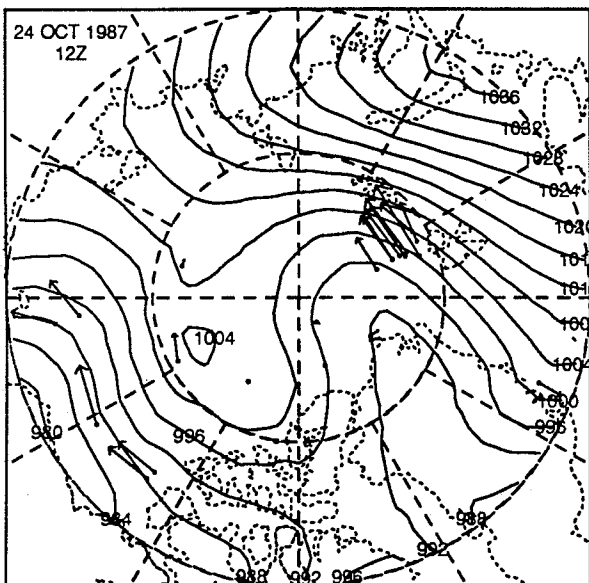
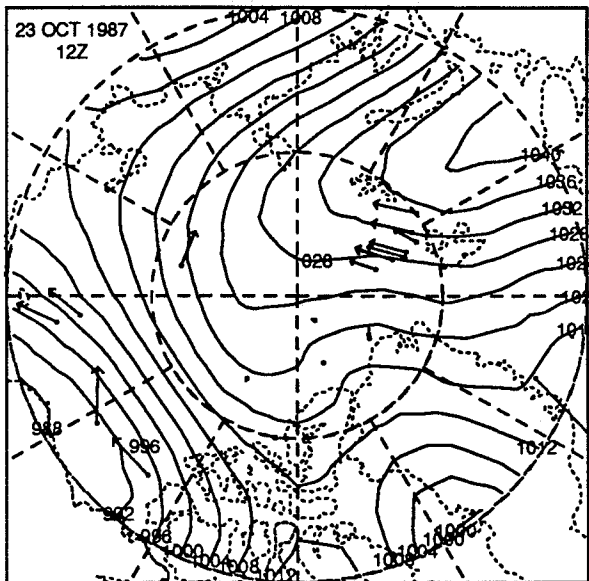
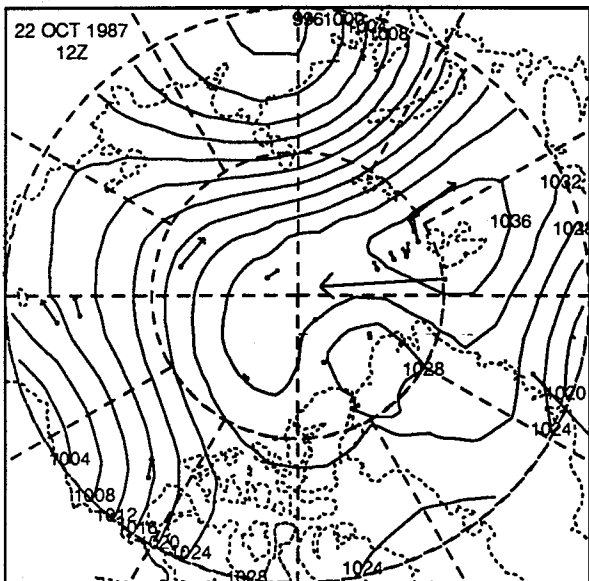


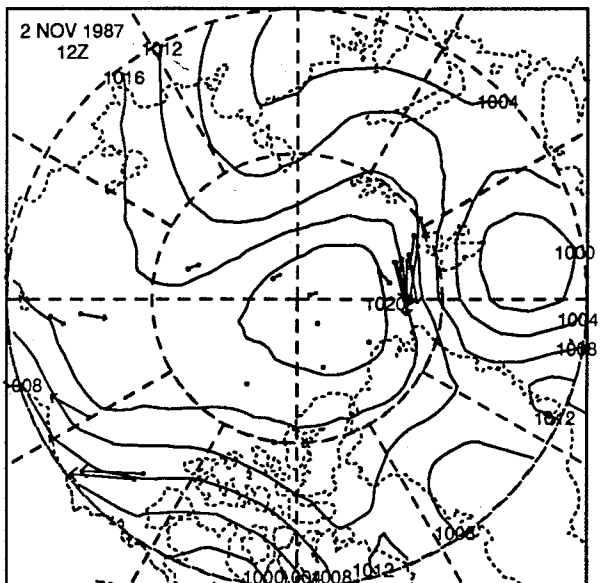
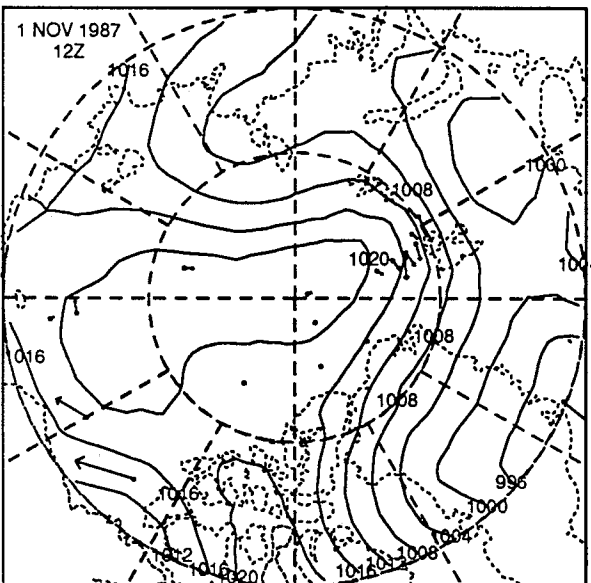
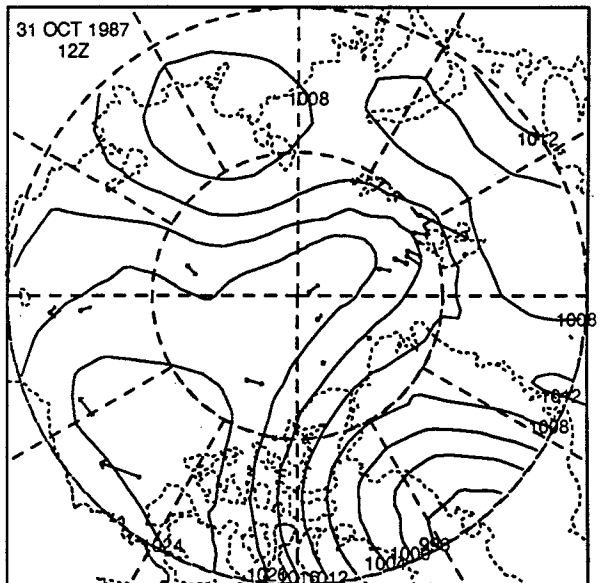
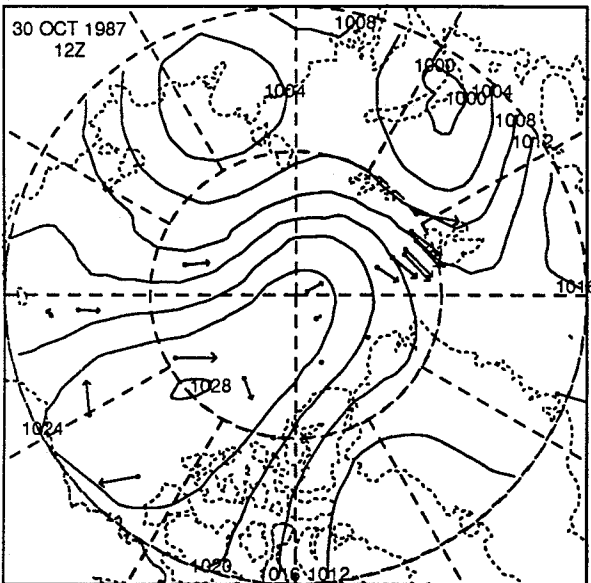
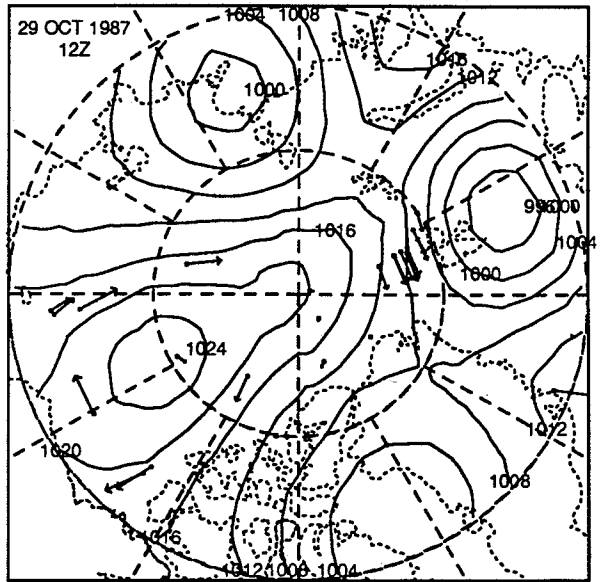
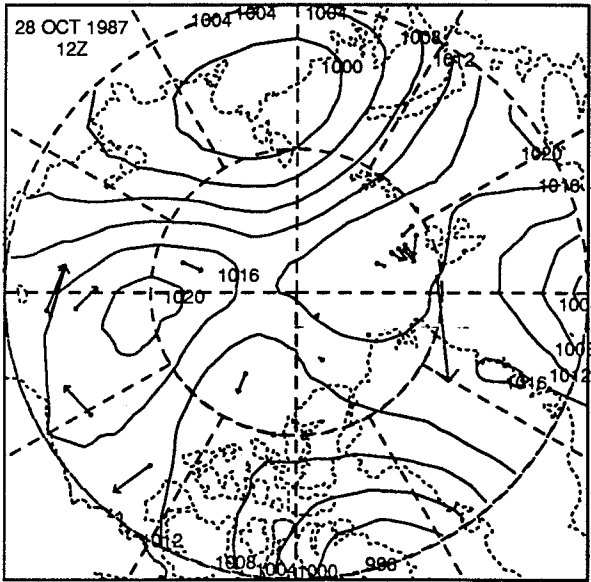


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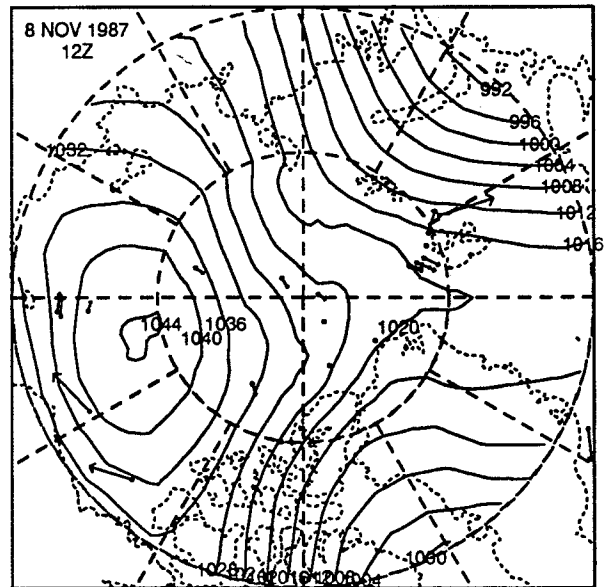
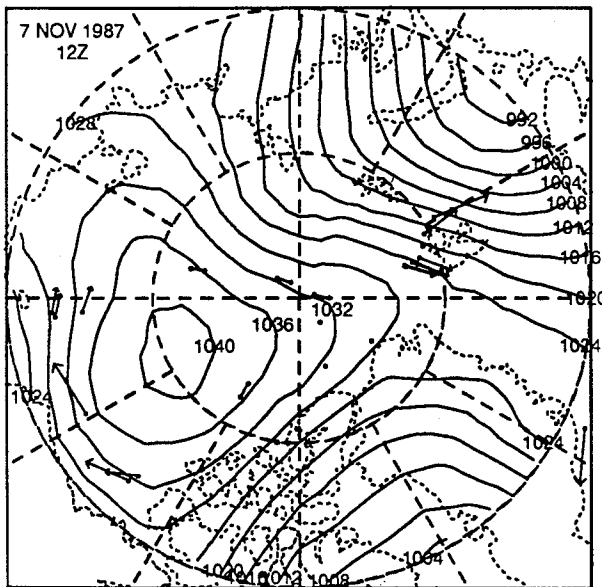
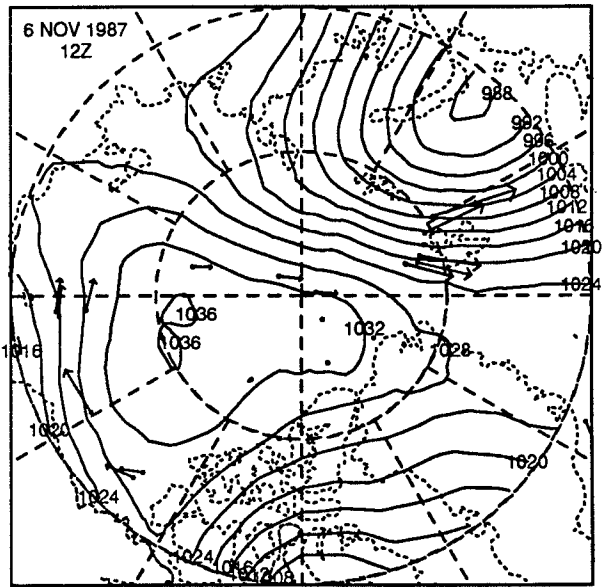
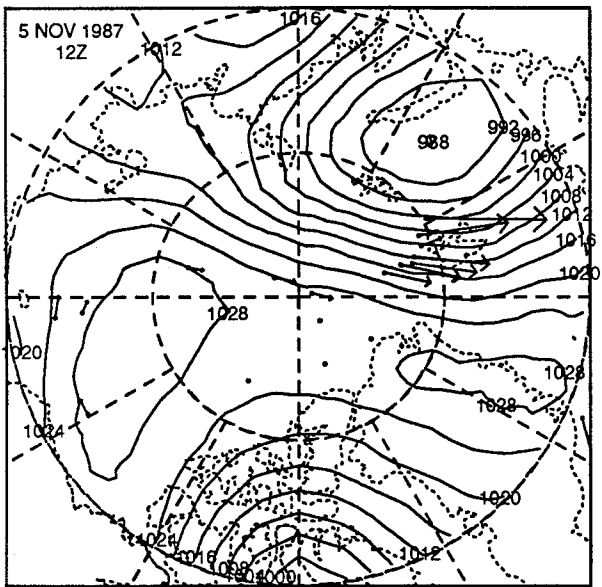
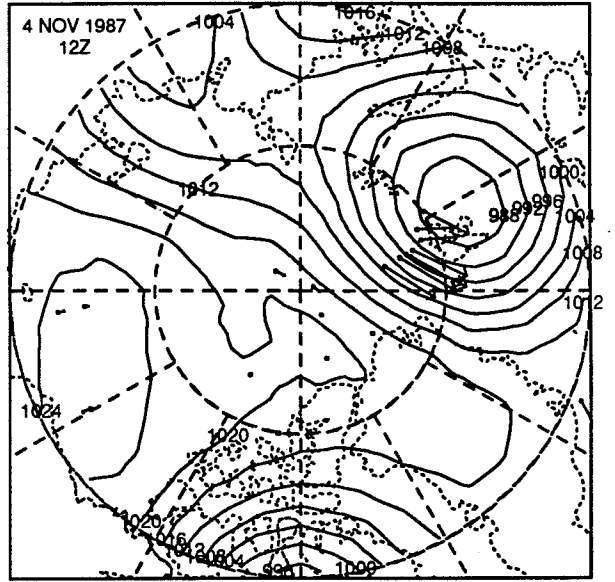
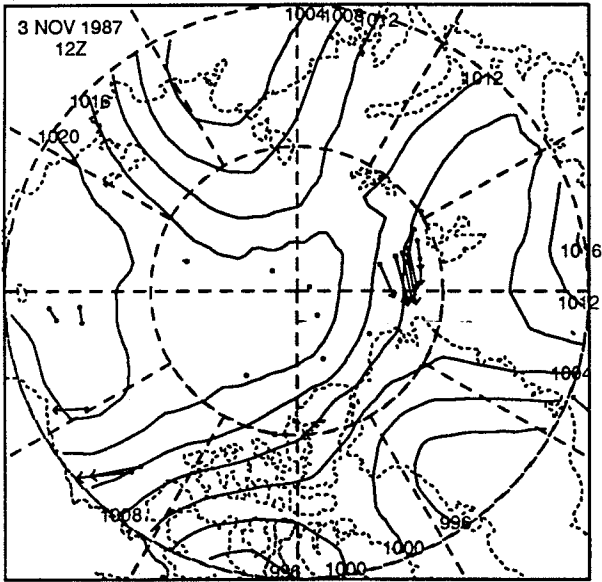


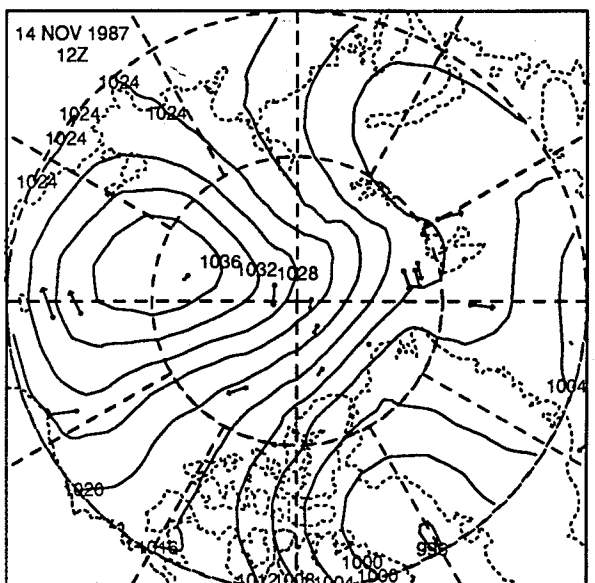
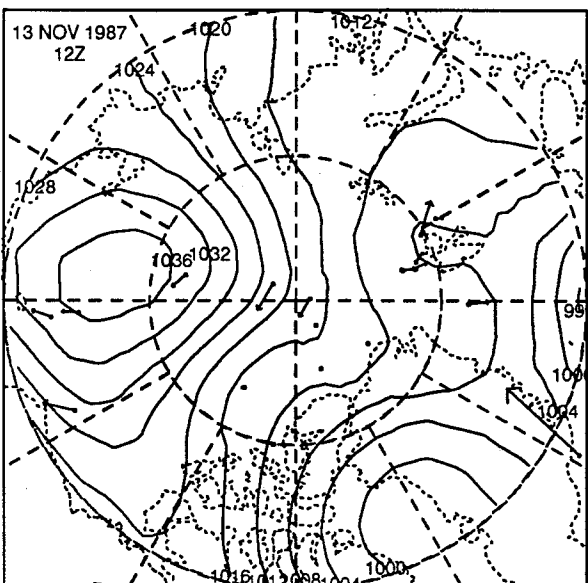
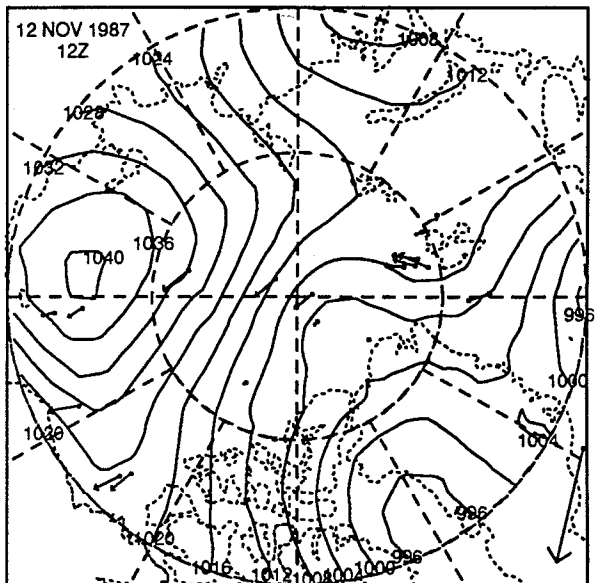
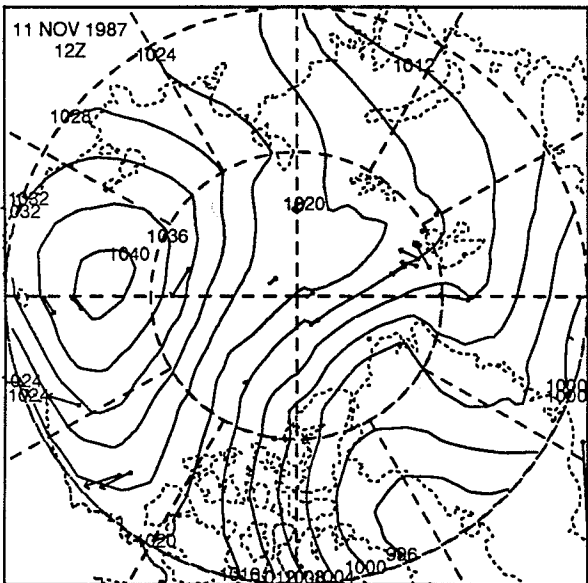
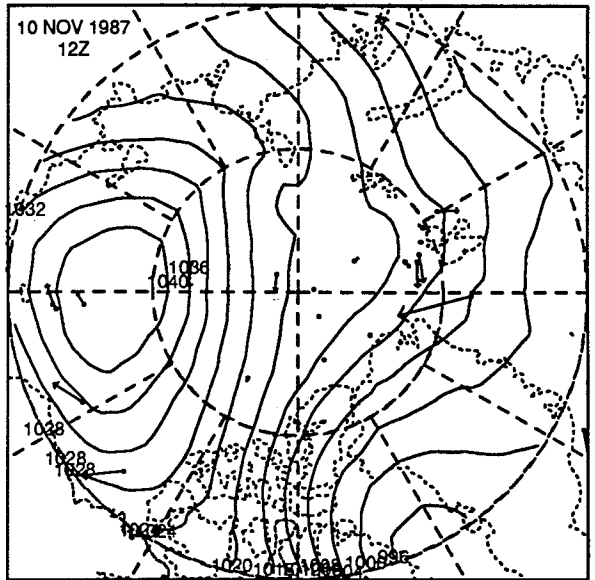
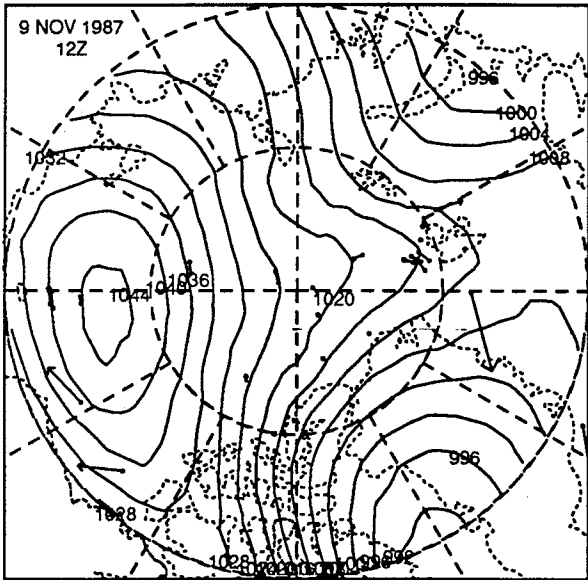
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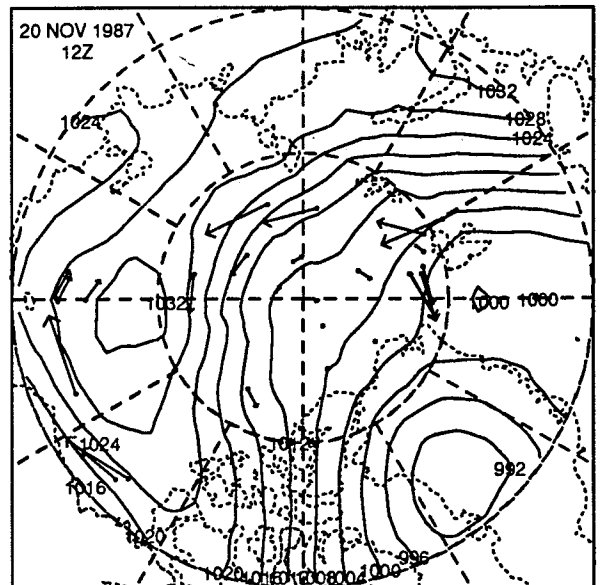
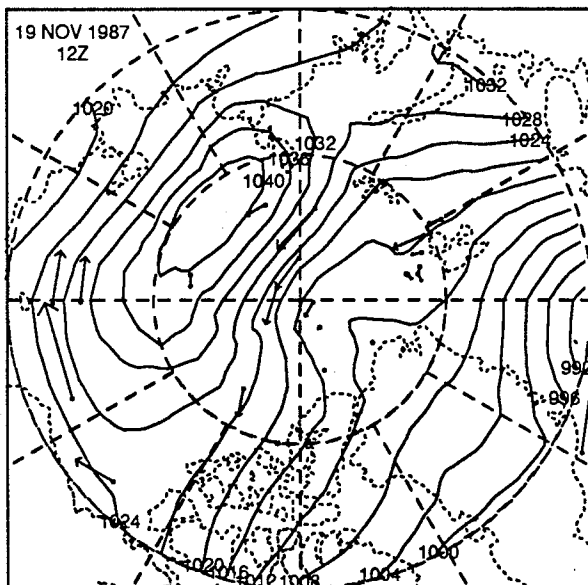
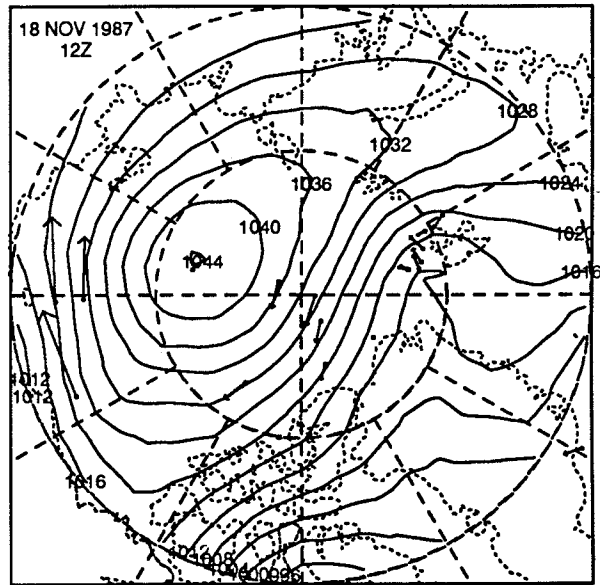
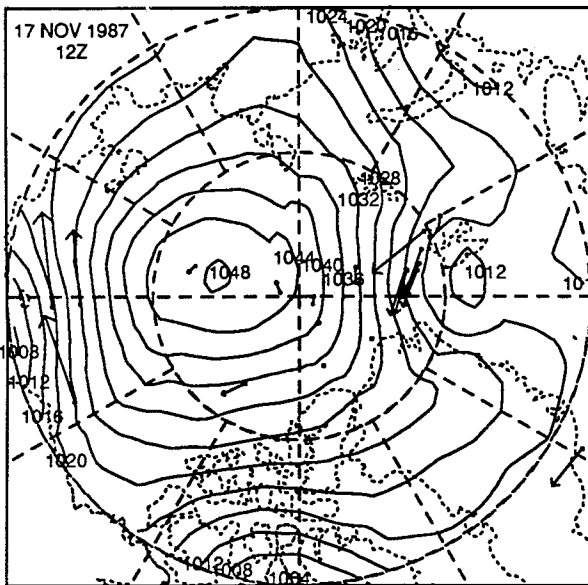
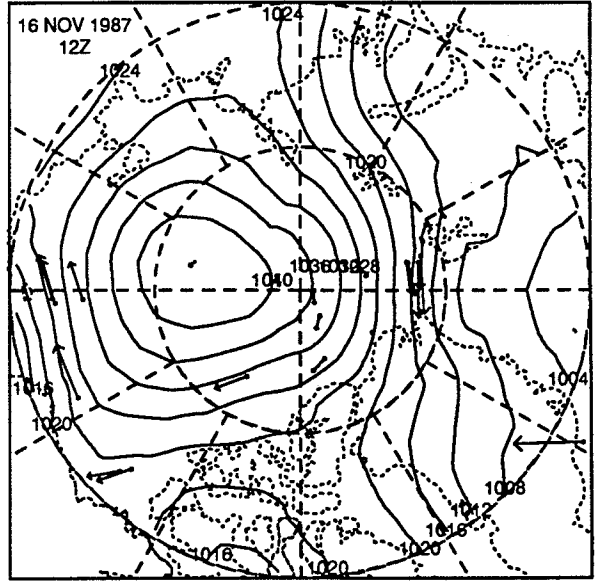
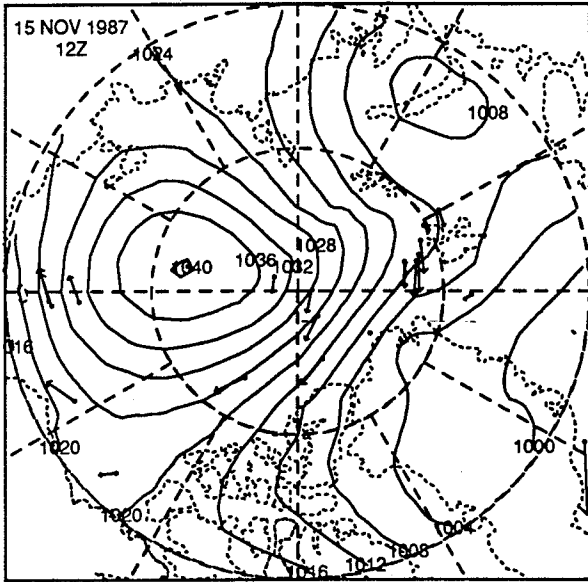


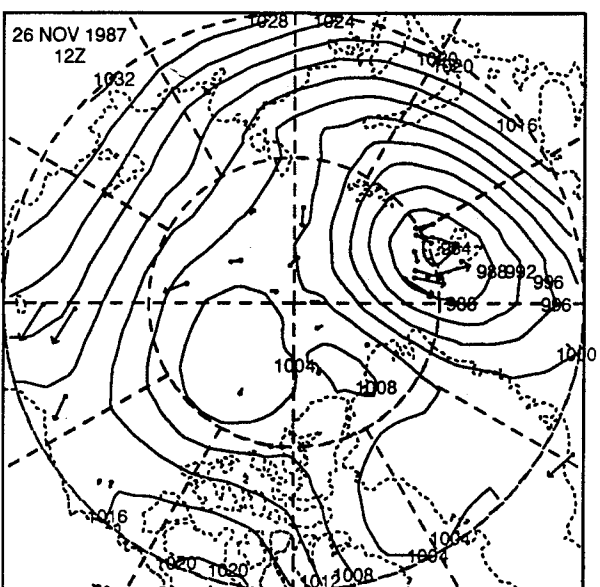
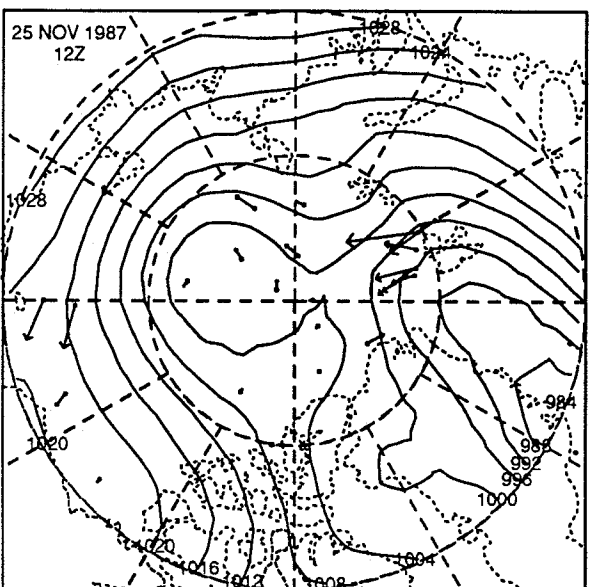
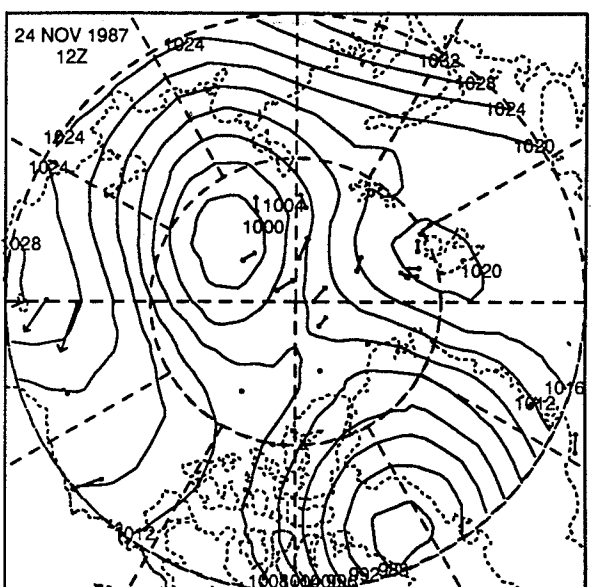
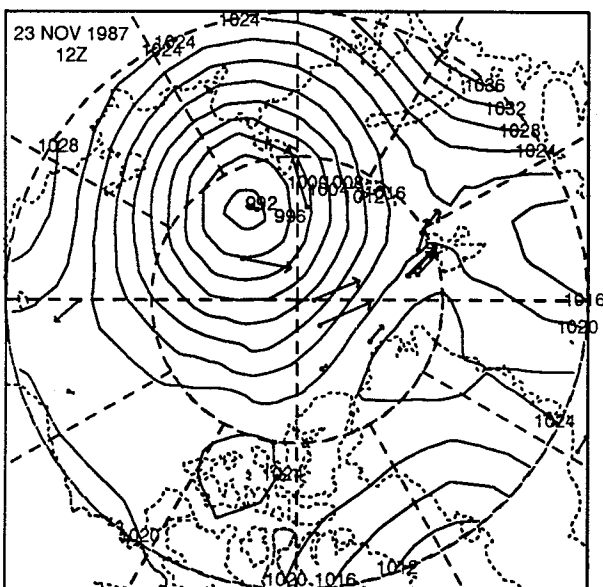
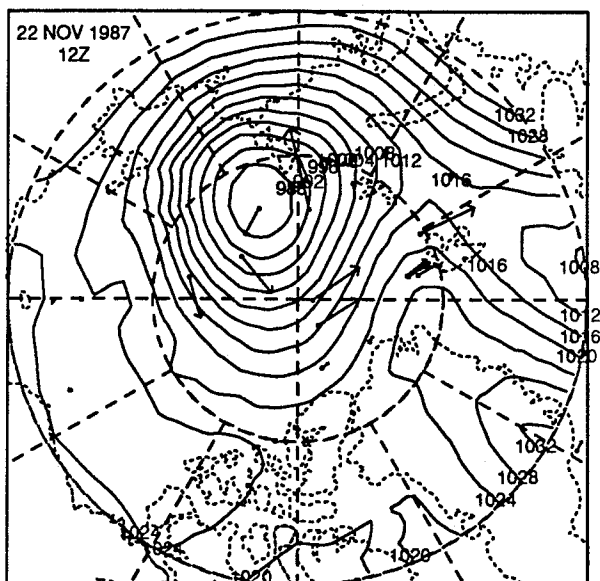
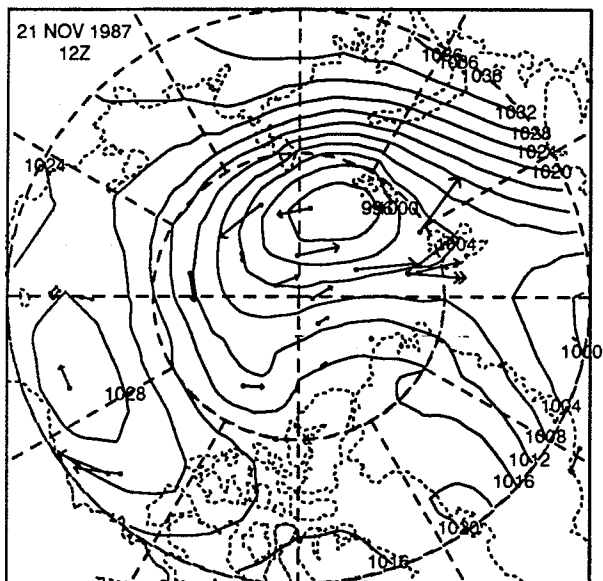
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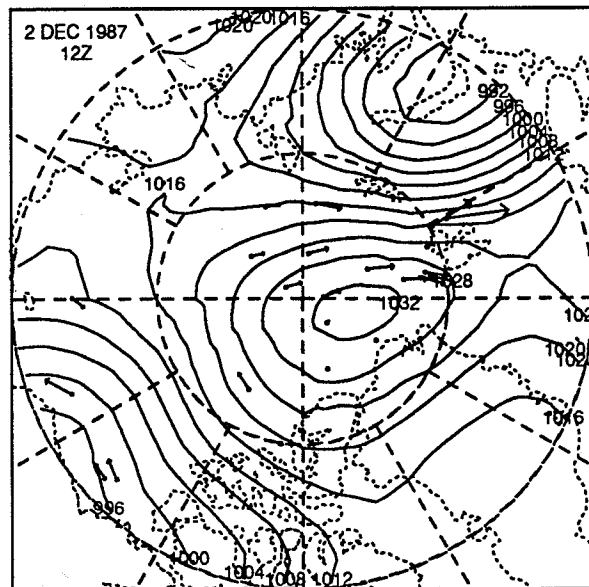
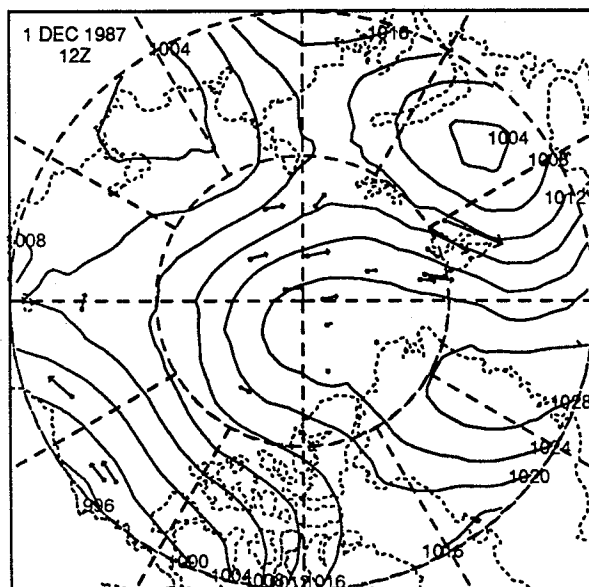
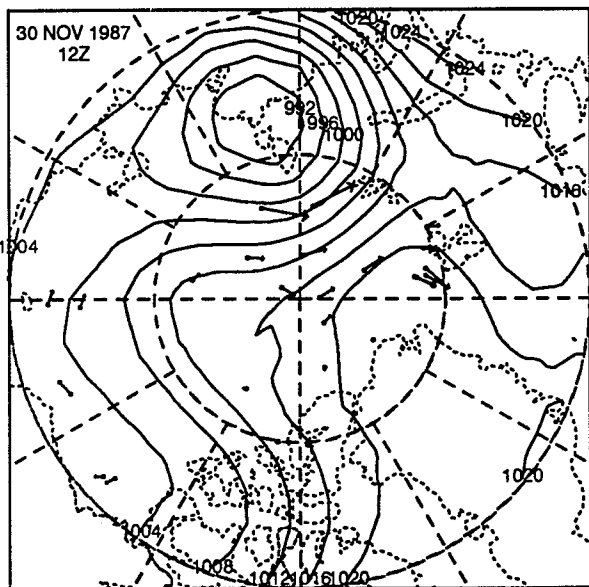
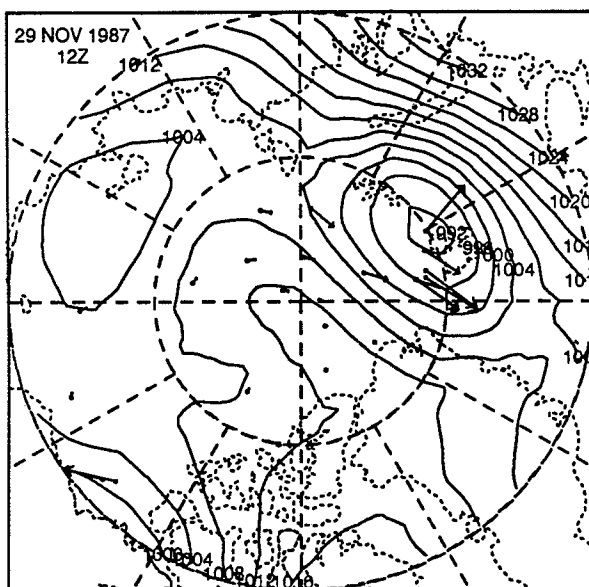
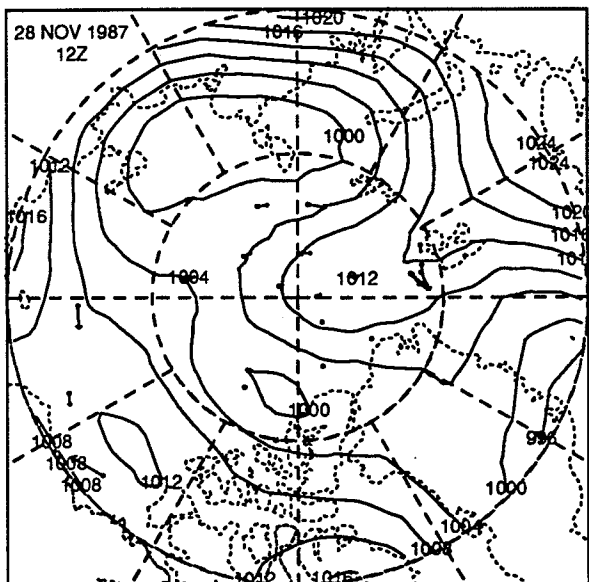
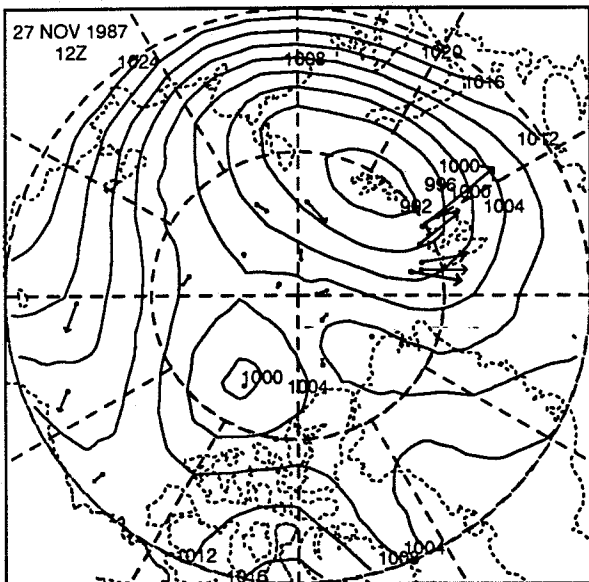




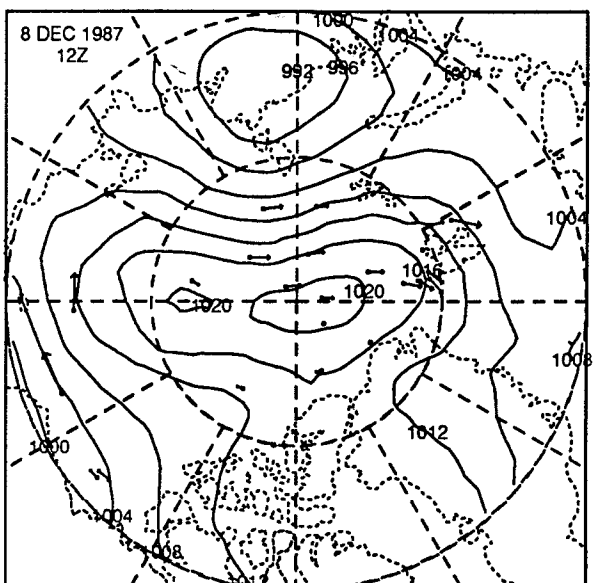
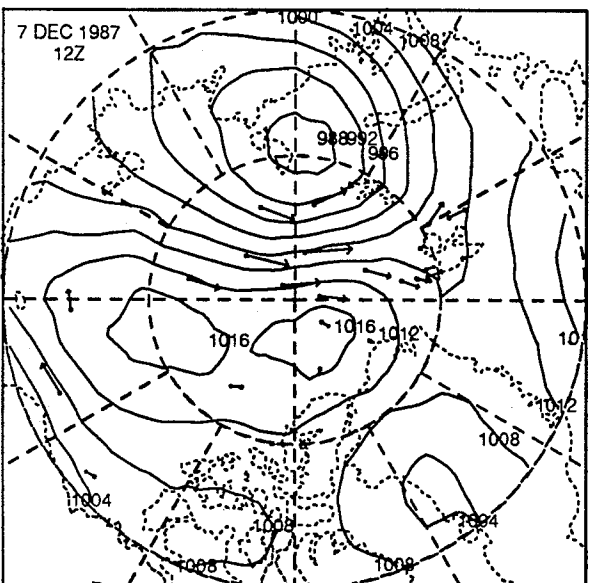
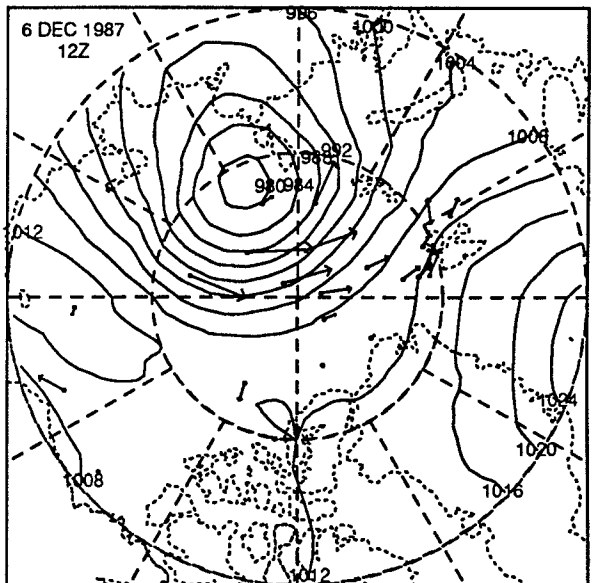
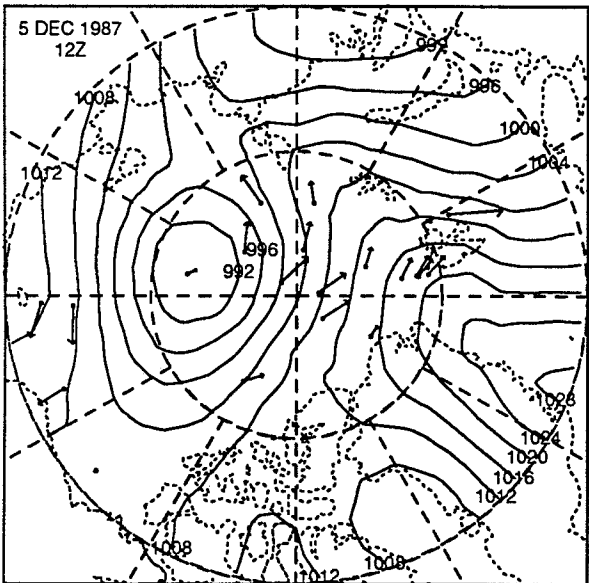
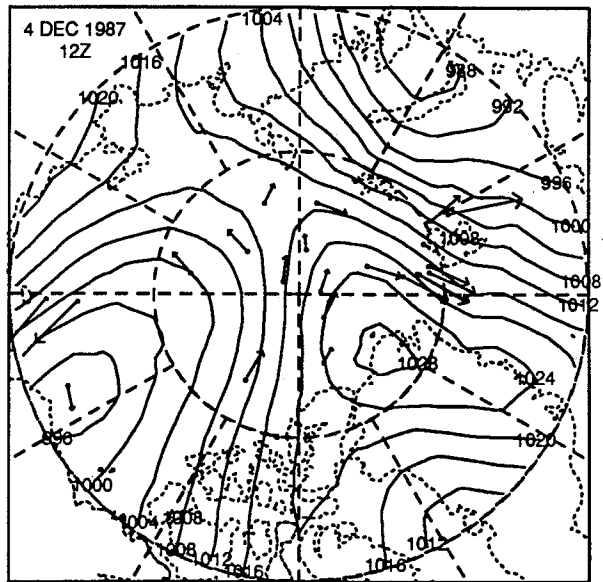
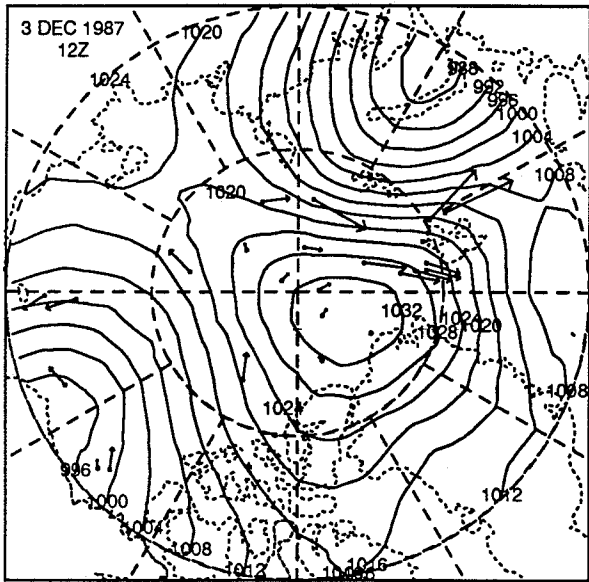
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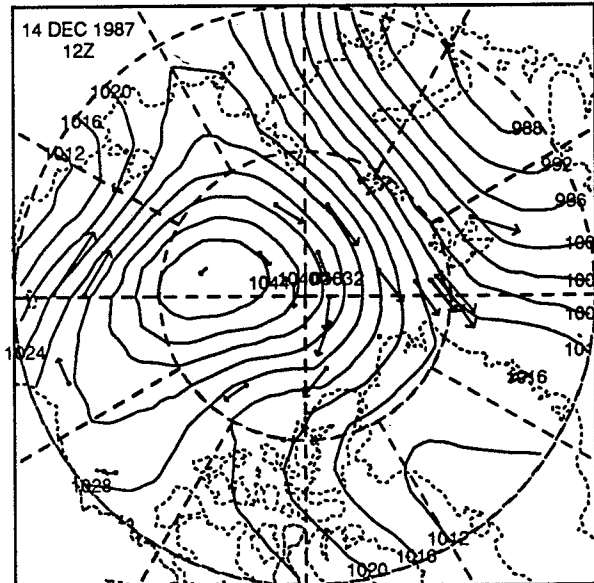
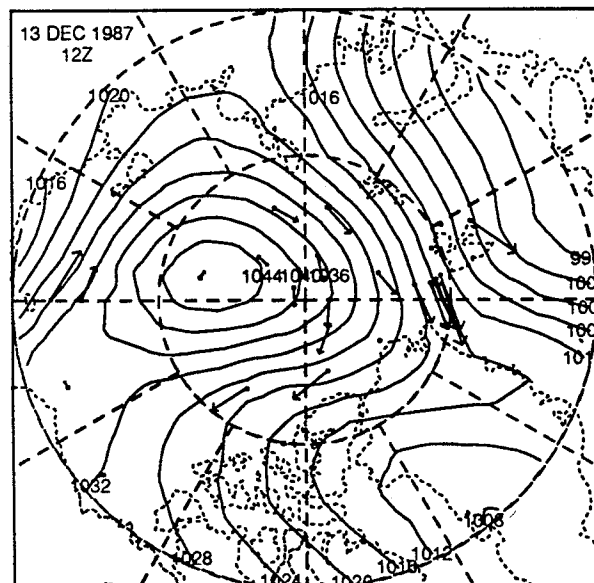
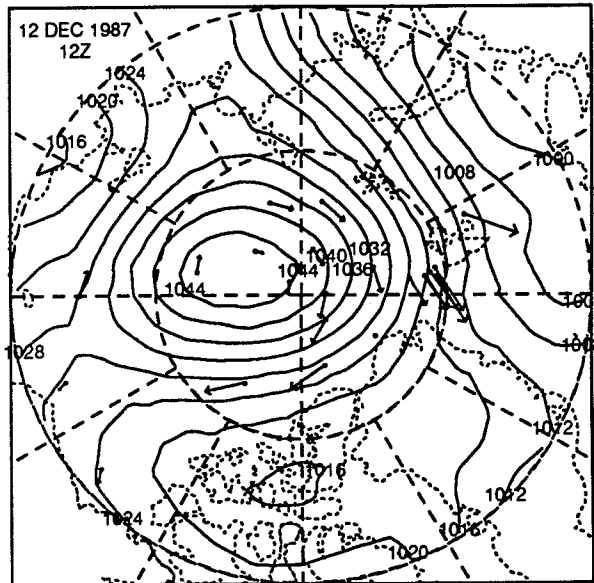
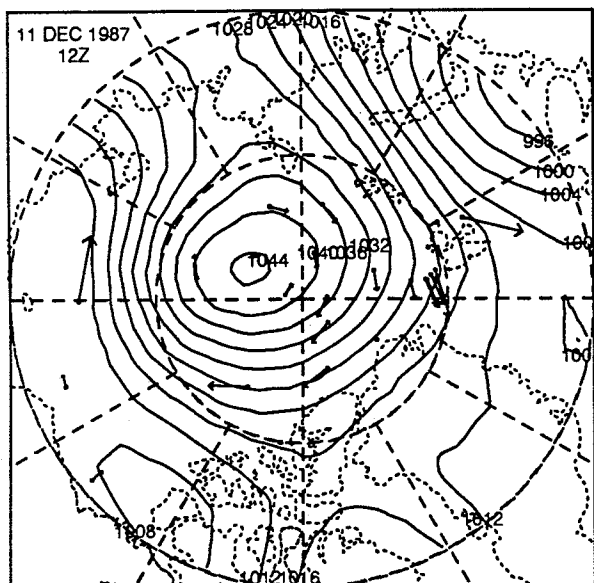
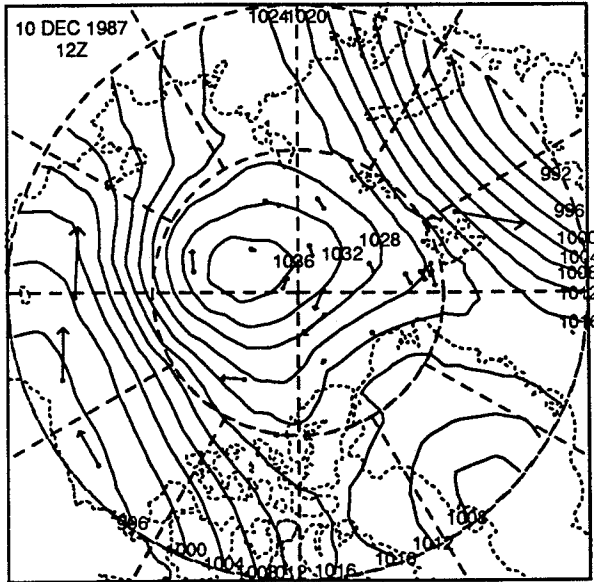
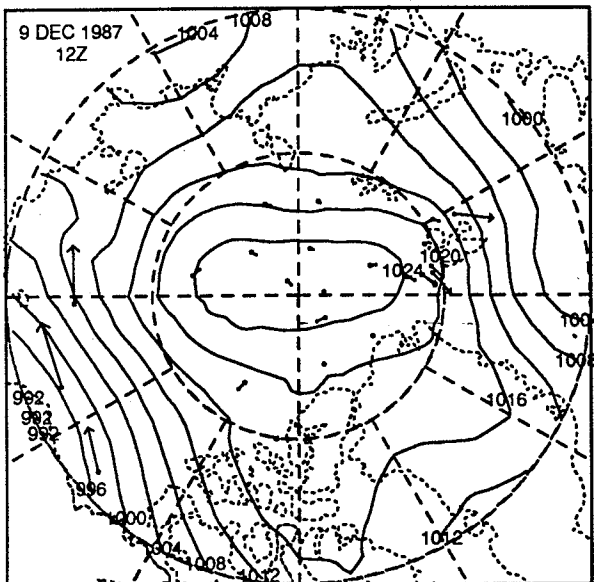


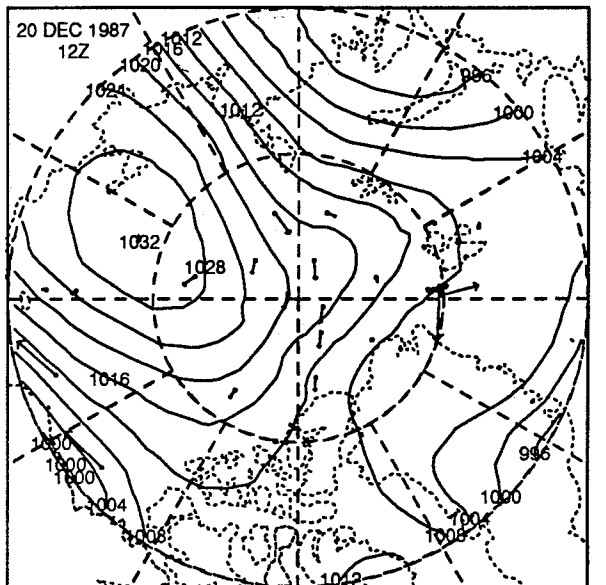
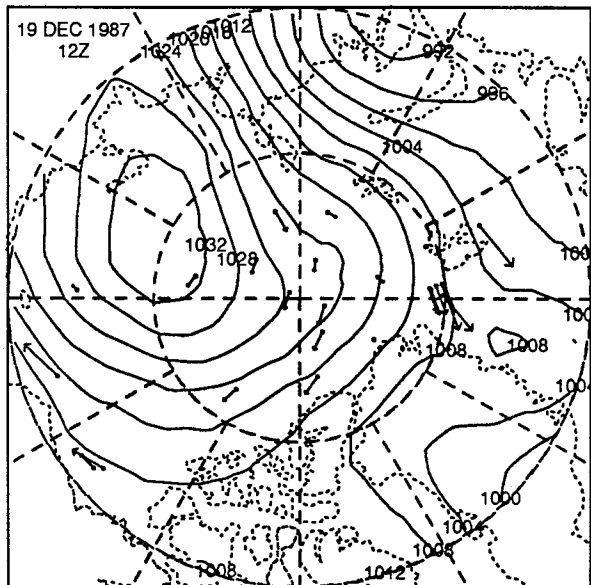
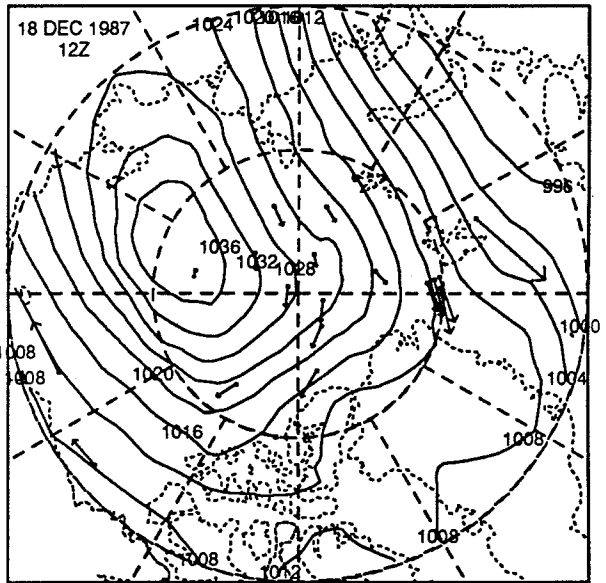
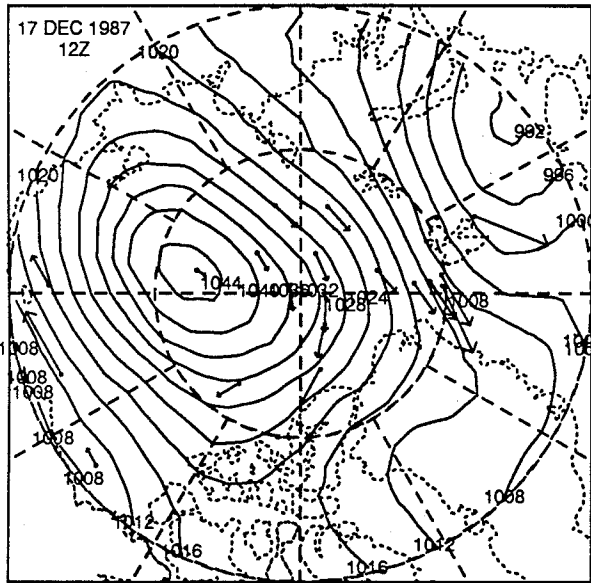
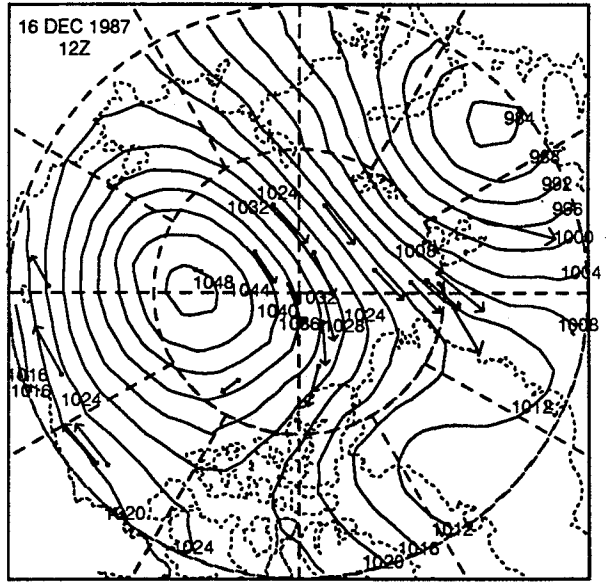
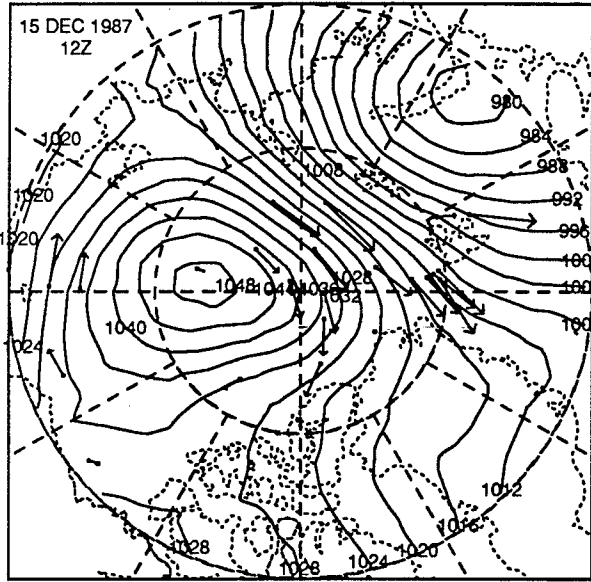




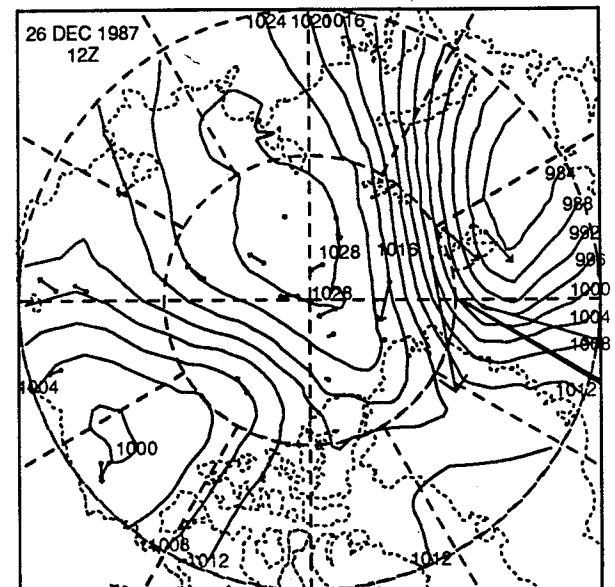
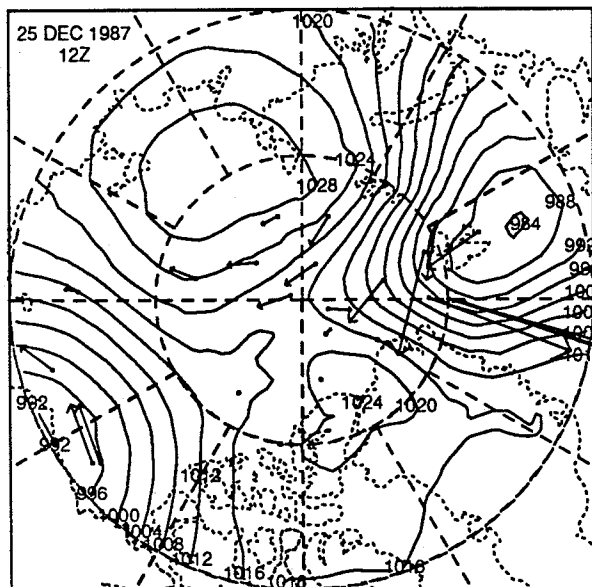
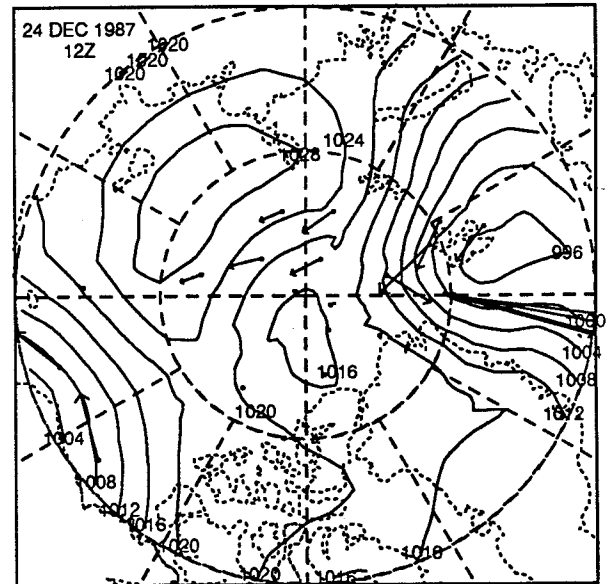
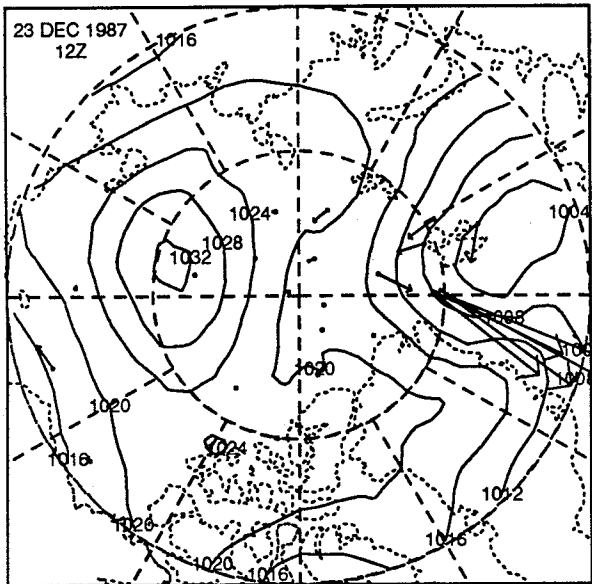
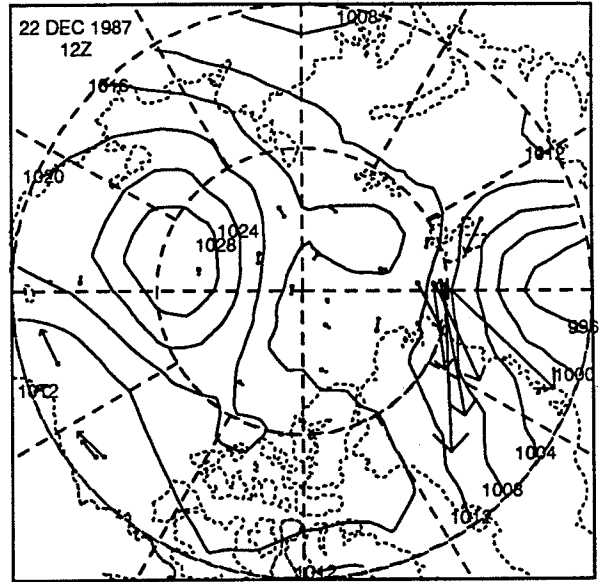
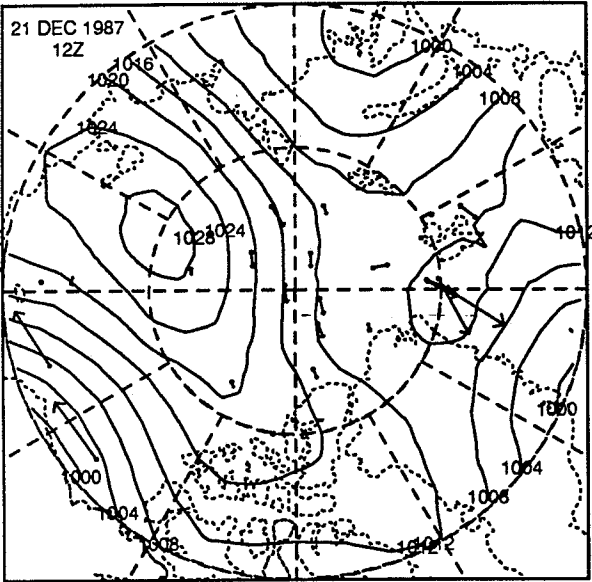
3 DEC 1987 - 8 DEC 1987



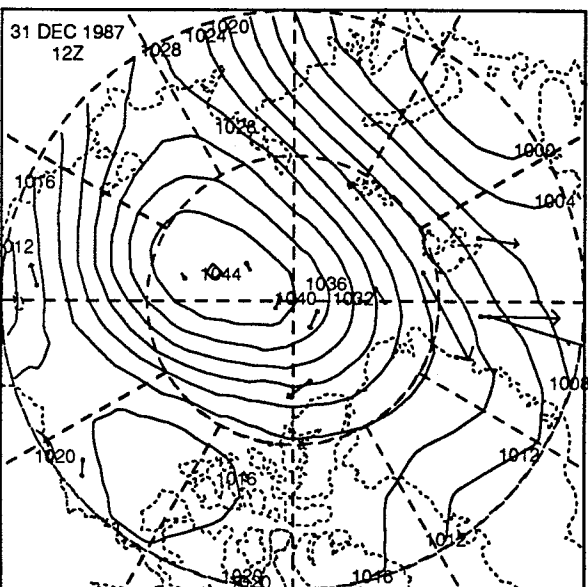
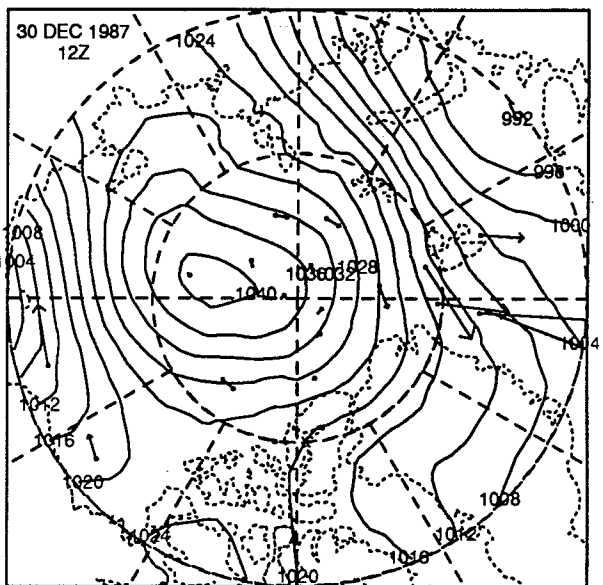
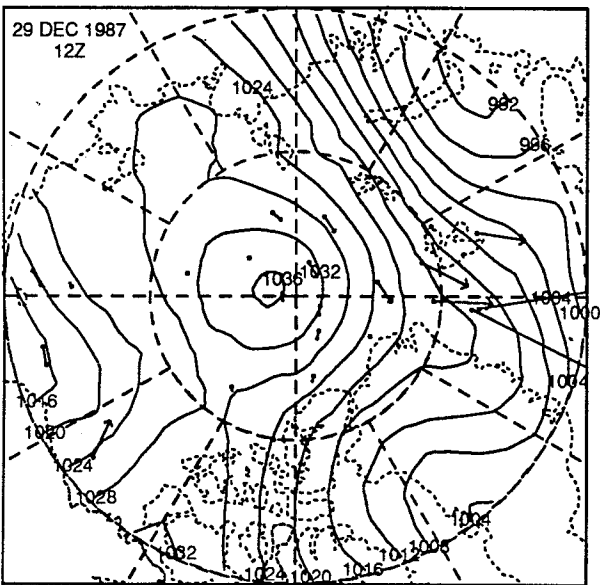
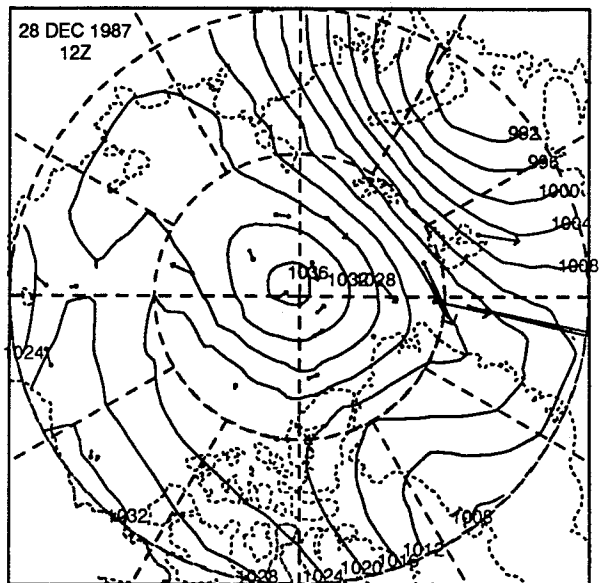
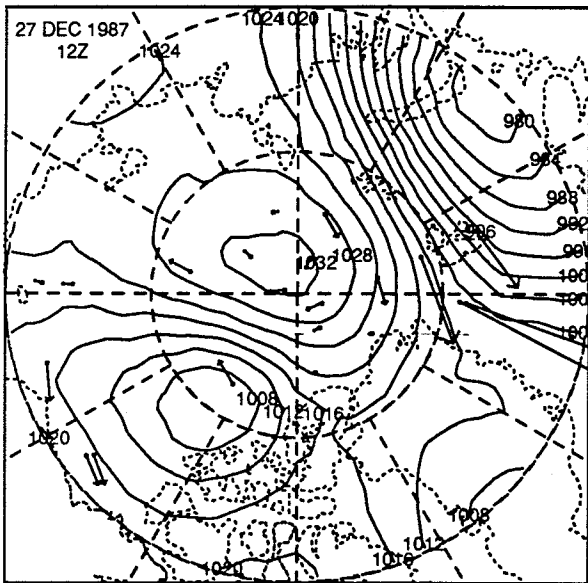




21 DEC 1987 - 26 DEC 1987



27 DEC 1987 - 31 DEC 1987



AVERAGE PRESSURE FIELDS

Average pressure fields are given for each month of 1987.

