

Arctic Ocean Buoy Program Data Report for 1 January 1990 – 31 December 1990

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I. Introduction

This is the eleventh data report for the Arctic Buoy Program; it covers the period from 1 January 1990 through 31 December 1990. 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 1990 and their year of deployment are as follows:

1988: 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1870.

1989: 1872, 3284, 3285, 3288,

Buoys deployed in 1990 and their month of deployment are as follows:

March: 3366, 3369, 7049, 7405, 7406, 7408, 7410, 7412, 8890, 8891, 12780, 12782, 12783, 12784, 12785, 12786, 12787, 12788, 12789.

July: 9787, 9789.

September: 8892, 8893, 11103, 11104, 11108.

November: 8895, 8896.

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 = 90.
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 1990, and ends with 1200 GMT, 31 December 1990.

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 = 90.
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 = 90.
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

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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 (1790) 90 Aug	LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (1790) 90 Sep	LAT (N)	LON (+E, -W)	P (MB)	T (C)
214	2	80.374			244	1	79.045		23.379
215	3	80.350			245	2	79.080		22.981
216	4	80.262			246	3	79.097		22.826
217	5	80.082			247	4	79.075		22.845
218	6	79.849			248	5	79.089		22.523
219	7	79.737			249	6	79.097		22.232
220	8	79.600			250	7	79.161		22.035
221	9	79.556			251	8	79.186		22.029
222	10	79.497			252	9	79.309		21.309
223	11	79.378			253	10	79.457		19.911
224	12	79.286			254	11	79.919		17.999
225	13	79.278			255	12	80.420		17.639
226	14	79.276							
227	15	79.287							
228	16	79.265							
229	17	79.287							
230	18	79.290							
231	19	79.301							
232	20	79.275							
233	21	79.273							
234	22	79.235							
235	23	79.232							
236	24	79.218							
237	25	79.173							
238	26	79.089							
239	27	79.115							
240	28	79.124							
241	29	79.111							
242	30	79.099							
243	31	79.094							

BUOY (1791)	LAT	LON	P	T	BUOY (1791)	LAT	LON	P	T
90 Aug	(N)	(+E,-W)	(MB)	(C)	90 Sep	(N)	(+E,-W)	(MB)	(C)
214	2	80.344			244	1	78.894		
215	3	80.311			245	2	78.956		
216	4	80.267			246	3	79.005		
217	5	80.120			247	4	78.983		
218	6	79.852			248	5	78.979		
219	7	79.705			249	6	79.011		
220	8	79.495			250	7	79.072		
221	9	79.408			251	8	79.108		
222	10	79.342			253	10	79.344		
223	11	79.242			254	11	79.341		
224	12	79.144			255	12	79.341		
225	13	79.140			256	13	79.343		
226	14	79.129			267	24	79.956		
227	15	79.133			268	25	80.017		
228	16	79.128			269	26	80.078		
229	17	79.207			270	27	80.274		
230	18	79.228			271	28	80.386		
231	19	79.258			272	29	80.383		
232	20	79.261			273	30	80.417		
233	21	79.238							
234	22	79.188							
235	23	79.161							
236	24	79.091							
237	25	78.986							
238	26	78.918							
239	27	78.857							
240	28	78.790							
241	29	78.794							
242	30	78.833							
243	31	78.930							

BUOY (1791)	LAT	LON	P	T	BUOY (1791)	LAT	LON	P	T
90 Oct	(N)	(+E,-W)	(MB)	(C)	90 Nov	(N)	(+E,-W)	(MB)	(C)
274	1	80.467			305	1	80.811		
275	2	80.402			306	2	80.816		
276	3	80.401			307	3	80.816		
277	4	80.525			308	4	80.818		
278	5	80.435			309	5	80.815		
279	6	80.703			310	6	80.813		
280	7	80.762			311	7	80.814		
281	8	80.927			312	8	80.815		
282	9	80.918			313	9	80.814		
283	10	80.975			314	10	80.813		
290	17	80.839			315	11	80.813		
291	18	80.816			316	12	80.812		
292	19	80.814			317	13	80.814		
293	20	80.812			318	14	80.816		
294	21	80.813			319	15	80.815		
295	22	80.812			320	16	80.815		
296	23	80.815			321	17	80.813		
297	24	80.817			322	18	80.814		
298	25	80.817			323	19	80.816		
299	26	80.813			324	20	80.814		
300	27	80.814			325	21	80.813		
301	28	80.815			326	22	80.812		
302	29	80.814			327	23	80.814		
303	30	80.815			328	24	80.814		
304	31	80.811			329	25	80.813		
					330	26	80.815		
					331	27	80.815		
					332	28	80.810		
					333	29	80.813		
					334	30	80.814		

BUOY(1791) 90 Dec	LAT (N)	LON (+E, -W)	P (MB)	T (C)
335	1 80.814	49.132		
336	2 80.816	49.118		
337	3 80.812	49.116		
338	4 80.812	49.117		
339	5 80.810	49.110		
353	19 80.862	33.641		

BUOY (1792)	LAT	LON	P	T
90 Sep	(N)	(+E, -W)	(MB)	(C)
259	16	85.584		90.942
261	18	85.727		90.180

BUOY (1793) 90 Jan				BUOY (1793) 90 Feb			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
1	78.887	29.678	-24.6	32	78.898	29.686	-18.2
2	78.889	29.681	-20.9	33	78.898	29.660	-9.8
3	78.888	29.686	-12.6*	34	78.897	29.680	-1.7
4	78.886	29.693	-9.9*	35	78.902	29.669	-0.3
5	78.888	29.690	-18.0	36	78.932	29.639	-0.8
6	78.887	29.692	-14.1*	37	78.932	29.650	-1.0
7	78.888	29.689	-14.2*	38	78.927	29.678	-2.1
8	78.887	29.685	-14.4	39	78.909	29.666	-3.4*
9	78.890	29.699	-22.8	40	78.904	29.683	-7.6
10	78.888	29.699	-15.1	41	78.903	29.677	-11.9
11	78.885	29.694	-19.2*	42	78.902	29.665	-16.3
12	78.887	29.692	-17.4	43	78.902	29.671	-22.5
13	78.889	29.695	-14.8	44	78.902	29.684	-21.3
14	78.925	29.694	-13.0	45	78.902	29.676	-23.5
15	78.895	29.683	-6.4	46	78.900	29.673	-21.0
16	78.908	29.695	-1.5	47	78.900	29.670	-17.8
17	78.937	29.648	-3.7*	48	78.902	29.666	-6.1
18	78.935	29.650	-9.6	49	78.902	29.665	-2.7*
19	78.937	29.648	-11.3	50	78.903	29.667	-2.3
20	78.935	29.642	-6.1*	51	78.898	29.672	-2.3
21	78.936	29.647	-7.3	52	78.899	29.674	-3.7
22	78.940	29.674	-5.1	53	78.904	29.679	-9.9
23	78.935	29.649	-3.5	54	78.905	29.671	-13.9
24	78.934	29.655	-8.8	55	78.903	29.676	-20.5
25	78.937	29.659	-11.5	56	78.900	29.674	-24.9
26	78.937	29.647	-17.7	57	78.902	29.673	-26.9
27	78.937	29.651	-19.3	58	78.901	29.674	-27.8
28	78.936	29.652	-18.4*	59	78.900	29.668	-27.4
29	78.934	29.658	-17.8				
30	78.937	29.659	-23.5				
31	78.933	29.651	-22.6*				

BUOY (1793) 90 Mar				BUOY (1793) 90 Apr			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
60	78.903	29.668	-24.6	91	78.901	29.671	-18.2
61	78.903	29.668	-22.0	92	78.902	29.661	-22.3
62	78.903	29.668	-21.7	93	78.900	29.671	-20.2
63	78.902	29.662	-21.3	94	78.900	29.670	-19.0
64	78.899	29.693	-21.7	95	78.898	29.665	-19.1
65	78.896	29.648	-20.8	96	78.902	29.683	-17.6
66	78.900	29.675	-23.8	97	78.897	29.672	-12.5*
67	78.900	29.673	-25.1	98	78.899	29.670	-14.6*
68	78.900	29.668	-24.5	99	78.902	29.675	-12.9
69	78.900	29.672	-29.4	100	78.897	29.685	-5.3
70	78.899	29.667	-27.3	101	78.903	29.673	-6.1
71	78.901	29.671	-20.7*	102	78.901	29.674	
72	78.902	29.674	-22.9	103	78.901	29.677	-3.2*
73	78.898	29.670	-20.7	104	78.899	29.672	-7.3
74	78.901	29.669	-11.9	105	78.901	29.681	-7.4
75	78.901	29.660	-8.5	106	78.896	29.665	-3.9
76	78.901	29.676	-6.5	107	78.903	29.675	-0.9
77	78.901	29.683	-16.7	108	78.900	29.682	-0.1
78	78.901	29.679	-6.6	109	78.899	29.676	-0.5
79	78.903	29.676	-8.8	112	78.901	29.685	-2.6
80	78.902	29.676	-13.3	113	78.899	29.666	-0.7
81	78.902	29.693	-10.1	114	78.901	29.673	-3.4
82	78.903	29.676	-7.0	115	78.903	29.678	-4.9
83	78.899	29.658	-7.7	116	78.902	29.668	-9.4
84	78.902	29.677	-11.5	117	78.903	29.653	-2.7
87	78.904	29.671	-13.1	118	78.904	29.668	-1.3
88	78.900	29.667	-13.8				
89	78.902	29.671	-15.6				
90	78.899	29.669	-17.7				

BUOY(1794)	LAT	LON	P	T
90 Aug	(N)	(+E,-W)	(MB)	(C)
214	2 78.558	28.131		4.6
215	3 78.521	27.413		4.0
216	4 78.457	26.665		2.7

BUOY(1795) 90 Aug				BUOY(1795) 90 Sep				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)	
214	2	78.963	36.393	244	1	78.742	38.869	0.2
215	3	78.918	36.251	245	2	78.815	39.107	-0.2
216	4	78.850	36.101	246	3	78.858	39.557	0.4
217	5	78.736	36.018	247	4	78.900	40.077	0.0
218	6	78.736	36.413	248	5	78.895	40.247	-0.5
219	7	78.819	36.621	251	8	78.995	41.554	-0.3
220	8	78.840	36.970	252	9	79.038	41.852	0.3
221	9	78.876	37.387	253	10	79.074	42.090	-0.2
222	10	78.913	37.750	254	11	79.111	42.273	0.8
223	11	78.913	37.909	255	12	79.259	42.842	0.0
224	12	78.788	38.655	256	13	79.354	43.300	-1.9
225	13	78.782	38.973	257	14	79.387	43.759	-1.6
226	14	78.820	39.017	258	15	79.394	43.785	-3.9
227	15	78.865	39.019	259	16	79.418	43.733	-3.5
228	16	78.878	39.065	260	17	79.487	43.701	-2.0
229	17	78.882	39.063	261	18	79.631	43.904	-0.7
230	18	78.894	39.111	262	19	79.746	44.596	-1.3
231	19	78.910	39.270	263	20	79.820	45.412	-0.6
232	20	78.885	39.363	264	21	79.911	45.969	-0.8
233	21	78.852	39.268	265	22	79.899	46.772	-1.9
234	22	78.809	39.140	266	23	79.900	46.804	-1.9
235	23	78.822	38.894	267	24	79.913	46.565	-1.3
236	24	78.814	38.758	268	25	79.962	46.370	-3.6
237	25	78.805	38.565	269	26	80.066	46.168	-3.6
238	26	78.798	38.456	270	27	80.153	46.334	-1.8
239	27	78.792	38.298	271	28	80.230	46.610	-1.4
240	28	78.783	38.307	272	29	80.202	46.571	-4.2
241	29	78.771	38.361	273	30	80.166	46.277	-5.5
242	30	78.755	38.375					
243	31	78.756	38.481					

BUOY(1795) 90 Oct				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	
274	1	80.117	46.291	-4.4
275	2	80.148	46.424	-3.0
276	3	80.230	46.300	-1.5
277	4	80.382	46.303	-1.9

BUOY(1796)		LAT	LON	P	T	BUOY(1796)		LAT	LON	P	T
90 Aug		(N)	(+E,-W)	(MB)	(C)	90 Sep		(N)	(+E,-W)	(MB)	(C)
214	2	80.361	28.711		1.3	244	1	80.641	31.919		1.0
215	3	80.362	28.716		0.8	245	2	80.694	32.237		1.0
216	4	80.362	28.716		0.5	246	3	80.683	33.236		1.2
217	5	80.362	28.713		-0.4	247	4	80.603	33.792		0.7
218	6	80.362	28.712		0.4	248	5	80.469	33.844		-0.3
219	7	80.362	28.715		0.3	249	6	80.397	33.931		1.0
220	8	80.361	28.721		0.5	250	7	80.326	34.260		1.0
221	9	80.350	28.739		1.5	251	8	80.282	34.411		0.8
222	10	80.350	28.733		0.5	252	9	80.241	34.522		0.5
223	11	80.229	28.779		-1.2	253	10	80.307	34.990		1.1
224	12	79.790	28.323		0.7	254	11	80.341	35.591		1.1
225	13	79.713	28.390		1.6	255	12	80.360	36.032		1.1
226	14	79.682	28.450		0.2	256	13	80.372	36.424		0.4
227	15	79.716	28.731		0.5	257	14	80.414	36.949		-1.9
228	16	79.758	28.894		-0.2	258	15	80.480	37.448		-2.5
229	17	79.807	29.097		0.5*	259	16	80.570	37.789		-3.8
230	18	79.871	29.553		2.6	260	17	80.618	38.100		-1.6
231	19	79.947	30.201		0.9	261	18	80.629	38.321		1.0
232	20	80.002	30.485		-0.6	262	19	80.578	38.569		0.7
233	21	80.113	30.590		-1.2	263	20	80.534	38.785		1.1
234	22	80.184	30.610		-1.0	264	21	80.450	38.980		0.9
235	23	80.186	30.581		-0.5	265	22	80.374	39.196		0.0
236	24	80.222	30.705		-0.8	266	23	80.243	39.368		-2.1
237	25	80.282	30.468		-1.9	267	24	80.102	38.262		-1.5
238	26	80.388	30.693		0.6	268	25	80.072	37.443		-2.0
239	27	80.433	30.753		-1.4	269	26	80.048	36.952		-0.3
240	28	80.466	30.664		-1.9	270	27	80.013	36.801		0.9
241	29	80.499	30.822		-0.3	271	28	80.005	36.464		-0.2
242	30	80.516	30.981		-1.5	272	29	80.081	36.059		-3.5
243	31	80.635	31.532		0.6	273	30	80.137	35.956		-3.8

BUOY(1796)		LAT	LON	P	T	BUOY(1796)		LAT	LON	P	T
90 Oct		(N)	(+E,-W)	(MB)	(C)	90 Nov		(N)	(+E,-W)	(MB)	(C)
274	1	80.201	36.754		-0.7	305	1	80.671	36.332		-20.4
275	2	80.197	36.830		-2.4	306	2	80.677	36.178		-23.0
276	3	80.196	36.843		-0.3	307	3	80.772	36.041		-15.5
277	4	80.195	36.843		-1.4	308	4	80.889	35.604		-11.9
278	5	80.195	36.834		0.0	309	5	80.902	34.424		-5.7
279	6	80.244	36.881		0.8	310	6	80.805	35.348		-8.2
280	7	80.244	36.892		0.5	311	7	80.769	35.517		-8.0
281	8	80.244	36.893		-2.6	312	8	80.703	35.028		-8.5
282	9	80.242	36.884		-3.6	313	9	80.756	34.741		-10.6
283	10	80.241	36.866		-3.6	314	10	80.768	34.426		-15.5
284	11	80.237	36.725		-6.9	315	11	80.632	34.108		-17.3
285	12	80.174	36.696		-8.0	316	12	80.548	33.580		-20.6
286	13	80.171	36.763		-7.9	317	13	80.364	33.311		-21.7
287	14	80.169	36.774		-4.3	318	14	80.237	33.594		-21.4
288	15	80.192	36.835		-4.6	319	15	80.235	33.596		-21.5
289	16	80.243	36.883		-0.9	320	16	80.235	33.584		-13.8
290	17	80.243	36.900		-2.5	321	17	80.234	33.609		-16.4
291	18	80.201	36.882		-4.6	322	18	80.238	33.599		-22.2
292	19	80.201	36.877		-9.0	323	19	80.235	33.586		-20.0
293	20	80.201	36.875		-8.7	324	20	80.236	33.591		-22.9
294	21	80.203	36.864		-6.9	325	21	80.235	33.599		-24.4
295	22	80.468	37.449		-6.1	326	22	80.236	33.605		-26.7
296	23	80.629	37.782		-13.4	327	23	80.233	33.589		-23.7
297	24	80.741	38.752		-8.7	328	24	80.236	33.601		-24.5
298	25	80.715	38.942		-10.0	329	25	80.234	33.593		-28.4
299	26	80.683	38.371		-16.9	330	26	80.235	33.589		-28.8
300	27	80.716	38.077		-14.4	331	27	80.233	33.601		-29.2
301	28	80.821	37.299		-11.0	332	28	80.232	33.589		-27.6
302	29	80.773	36.665		-20.5	333	29	80.234	33.592		-27.3
303	30	80.784	36.445		-23.4	334	30	80.235	33.604		-28.1
304	31	80.785	36.553		-18.6						

BUOY(1796) 90 Dec	LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1	80.233	33.597	-25.9
336	2	80.234	33.598	-20.8
337	3	80.234	33.601	-21.3
338	4	80.236	33.586	-19.4
339	5	80.233	33.596	-16.5
340	6	80.234	33.604	-18.8*
341	7	80.237	33.608	-20.0
342	8	80.235	33.595	-23.9
343	9	80.235	33.588	-14.4
344	10	80.233	33.588	-19.0
345	11	80.232	33.588	-20.5
346	12	80.234	33.602	-21.4
347	13	80.232	33.596	-25.2
348	14	80.236	33.579	-25.4
349	15	80.235	33.601	-23.7
350	16	80.233	33.582	-28.8
351	17	80.234	33.585	-17.7
352	18	80.234	33.602	-19.6*
353	19	80.234	33.596	-29.6*
354	20	80.234	33.598	-29.9*
355	21	80.234	33.590	-25.6*
356	22	80.233	33.572	-14.8
357	23	80.238	33.588	-7.7
358	24	80.234	33.586	-3.6
359	25	80.233	33.580	-1.2
360	26	80.234	33.581	-4.6
361	27	80.235	33.584	-3.2
362	28	80.234	33.590	-4.9
363	29	80.235	33.604	-5.6
364	30	80.233	33.596	-14.2*

BUOY (1870)	LAT	LON	P	T
90 Jan	(N)	(+E, -W)	(MB)	(C)
1	1	73.054	35.865	
2	2	72.612	35.035	
3	3	72.408	35.220	
4	4	72.073	36.220	
5	5	71.718	36.620	
8	8	71.688	35.450	
9	9	71.678	34.365	
10	10	71.822	33.048	
11	11	72.019	31.978	
12	12	72.055	30.893	
13	13	72.210	30.112	
14	14	72.709	30.032	
15	15	73.397	29.980	
16	16	74.037	30.309	
17	17	74.858	30.485	
18	18	75.326	29.205	
19	19	75.580	27.991	
20	20	75.938	27.237	
21	21	76.127	26.417	
22	22	76.208	26.268	
23	23	76.392	25.894	

BUOY(1872)	LAT	LON	P	T
90 Apr	(N)	(+E,-W)	(MB)	(C)
114	24 78.074	31.742		

BUOY (3284)					BUOY (3284)						
90 Apr		LAT	LON	P	T	90 May		LAT	LON	P	T
		(N)	(+E,-W)	(MB)	(C)			(N)	(+E,-W)	(MB)	(C)
108	18	84.996	-129.172	1021.7	-23.6	123	3	85.619	-124.608	974.9	-6.4
109	19	84.977	-129.181	1014.3	-20.4	124	4	85.628	-123.710	984.5	-12.5
110	20	84.954	-129.156	1003.7	-16.5	125	5	85.635	-122.815	996.6	-12.0
111	21	84.958	-129.141	1013.9	-19.3	126	6	85.640	-122.373	1012.2	-11.9
112	22	84.979	-129.127	1026.4	-22.3	127	7	85.671	-121.346	1015.7	-6.8
113	23	85.039	-129.098	1022.7	-21.3*	128	8	85.669	-120.058	1017.9	-7.4
114	24	85.084	-129.013	1024.5	-18.7	129	9	85.673	-119.949	1027.3	-6.7
115	25	85.127	-128.869	1018.4	-19.8	130	10	85.687	-119.821	1016.8	-6.1
116	26	85.261	-128.780	987.7	-14.0	131	11	85.685	-119.832	1013.2	-8.4
117	27	85.322	-128.194	986.4	-18.2*	132	12	85.686	-119.835	1019.2	-9.7
118	28	85.312	-127.804	993.3	-18.1	133	13	85.713	-119.718	1017.0	-9.8
						134	14	85.759	-119.420	1010.3	-7.5
						135	15	85.779	-119.211	1008.3	-5.2
						136	16	85.840	-118.476	1010.3	-3.2
						137	17	85.858	-117.802	1017.1	-2.6
						138	18	85.889	-117.162	1014.7	-1.4
						139	19	85.980	-116.276	1015.8	-3.3
						140	20	86.080	-115.249	1016.6	-6.8
						141	21	86.141	-114.274	1012.4	-6.7
						142	22	86.247	-113.166	1004.0	-5.9
						143	23	86.276	-112.186	1010.0	-3.6
						144	24	86.298	-110.773	1016.0	-2.3
						145	25	86.316	-110.073	1015.2	-3.4
						146	26	86.342	-109.394	1012.5	-4.7
						147	27	86.344	-109.085	1014.4	-1.7
						148	28	86.350	-108.984	1008.5	-2.0
						149	29	86.333	-108.993	1012.9	-4.1
						150	30	86.289	-108.568	1013.3	-1.3
						151	31	86.277	-108.017	1015.6	-2.5

BUOY (3284)					BUOY (3284)						
90 Jun		LAT	LON	P	T	90 Jul		LAT	LON	P	T
		(N)	(+E,-W)	(MB)	(C)			(N)	(+E,-W)	(MB)	(C)
152	1	86.290	-107.389	1004.9	-2.7	182	1	86.602	-99.835	1003.8	1.0
153	2	86.296	-106.046	992.3	-0.9	183	2	86.586	-99.307	1009.7	0.7
154	3	86.325	-105.503	987.6	-1.1	184	3	86.595	-98.128	1004.3	1.0
155	4	86.330	-105.914	992.7	-1.8*	185	4	86.594	-97.734	1005.9	0.5*
156	5	86.324	-106.322	997.8	-1.5	186	5	86.602	-97.496	1010.0	0.2
157	6	86.330	-106.319	1007.3	-2.6	187	6	86.645	-97.161	997.7	0.3
158	7	86.328	-106.282	1009.2	-2.1	188	7	86.670	-96.624	993.3	1.2
159	8	86.348	-105.630	1016.5	-2.7	189	8	86.687	-95.423	989.4	-0.4
160	9	86.345	-106.180	1016.2	-3.2	190	9	86.770	-93.923	988.6	0.4
161	10	86.328	-107.407	1012.7	-3.4	191	10	86.796	-93.399	997.8	0.3
162	11	86.319	-107.607	1012.0	-1.4	192	11	86.780	-93.021	998.9	0.0*
163	12	86.318	-106.985	1014.6	-1.3	193	12	86.777	-93.072	997.9	-0.5*
164	13	86.321	-106.511	1010.9	-3.2*	194	13	86.728	-93.004	1007.8	-0.3
165	14	86.344	-106.286	1008.4	-1.6	195	14	86.729	-92.901	1011.2	0.4
166	15	86.366	-105.930	1010.9	-1.9	196	15	86.735	-92.654	1013.0	1.3*
167	16	86.413	-105.386	1016.6	-0.3	197	16	86.746	-92.274	1020.0	0.3*
168	17	86.444	-105.122	1021.4	1.9	198	17	86.801	-91.733	1015.5	-1.0
169	18	86.447	-105.242	1020.0	1.5	199	18	86.919	-92.380	1008.4	-0.6
170	19	86.442	-105.212	1015.8	3.1	200	19	86.990	-93.346	1003.8	0.3
171	20	86.450	-104.987	1015.6	4.6	201	20	87.039	-93.341	1009.6	0.6
172	21	86.456	-104.797	1020.1	5.1*	202	21	87.022	-94.382	1002.9	0.8
173	22	86.465	-104.631	1024.6	6.0	203	22	87.043	-95.431	1005.0	0.4
174	23	86.490	-104.463	1027.6	4.5	204	23	87.057	-96.817	1006.0	0.0
175	24	86.530	-104.287	1027.9	2.2	205	24	87.062	-97.743	1012.1	0.1
176	25	86.562	-104.175	1023.8	2.2	206	25	87.055	-98.980	1010.8	0.3
177	26	86.581	-103.804	1023.7	2.0	207	26	87.057	-100.499	1010.2	0.8
178	27	86.612	-102.956	1016.7	1.7*	208	27	87.027	-101.445	1006.7	1.1
179	28	86.609	-101.946	1017.2	1.0	209	28	87.054	-101.160	1009.7	0.8
180	29	86.607	-101.380	1018.1	1.2	210	29	87.115	-101.106	1015.0	1.2
181	30	86.608	-100.928	1010.4	0.9	211	30	87.131	-101.378	1015.8	1.3
						212	31	87.111	-101.825	1014.6	1.5

BUOY(3284) 90 Aug					BUOY(3284) 90 Sep						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
213	1	87.096	-102.252	1014.4	0.4	244	1	86.263	-102.262	1012.7	-2.5
214	2	87.068	-103.623	1018.3	1.5	245	2	86.254	-102.265	1016.6	-3.3*
215	3	87.053	-104.922	1021.1	0.8	246	3	86.224	-102.275	1011.7	-4.3
216	4	87.021	-105.536	1022.0	0.9	247	4	86.256	-101.592	1006.8	-4.3
217	5	86.968	-105.536	1017.8	0.1	248	5	86.269	-101.674	1013.1	-5.0
218	6	86.908	-105.048	1016.6	0.8	249	6	86.259	-102.364	1003.9	-9.1
219	7	86.828	-103.746	1011.2	1.0	250	7	86.251	-102.427	1001.0	-11.8
220	8	86.707	-101.996	1003.4	0.5	251	8	86.262	-101.976	1006.4	-15.2
221	9	86.616	-100.330	1008.0	0.8	252	9	86.274	-102.035	1012.1	-16.2
222	10	86.581	-99.013	1007.8	-0.5	253	10	86.204	-102.789	989.0	-5.2
223	11	86.587	-97.717	1003.2	-0.3	254	11	86.217	-102.949	988.5	-9.9
224	12	86.630	-96.684	1000.5	0.7	255	12	86.288	-102.137	1012.1	-4.7
225	13	86.654	-96.486	1012.5	1.3	256	13	86.316	-101.989	1016.8	-8.4
226	14	86.660	-96.399	1021.1	0.6	257	14	86.306	-101.560	1011.5	-8.5
227	15	86.661	-96.078	1027.5	-0.2	258	15	86.300	-101.824	1015.2	-8.2
228	16	86.658	-95.738	1028.9	0.6	259	16	86.251	-101.991	1017.3	-6.1
229	17	86.651	-95.807	1025.6	0.9	260	17	86.214	-101.877	1020.0	-7.2
230	18	86.625	-96.713	1020.7	1.3	261	18	86.182	-101.751	1015.8	-5.4
231	19	86.612	-97.571	1022.1	-0.7	262	19	86.124	-101.465	1006.2	-3.5
232	20	86.579	-98.671	1017.4	-1.3	263	20	86.123	-101.174	1012.8	-7.0
233	21	86.517	-100.191	1012.7	-0.7	264	21	86.153	-100.631	1021.8	-8.3
234	22	86.460	-101.362	1012.5	0.9	265	22	86.149	-100.742	1015.9	-11.5
235	23	86.399	-102.278	1019.5	-0.1	266	23	86.186	-100.434	1016.7	-14.8
236	24	86.356	-102.913	1019.5	-0.1	267	24	86.230	-100.663	1014.2	-12.5
237	25	86.327	-103.024	1016.2	-0.5*	268	25	86.230	-100.626	1014.4	-18.3
238	26	86.307	-102.654	1012.9	-1.4	269	26	86.232	-100.854	1007.2	-10.6
239	27	86.307	-102.160	1009.9	-1.7	270	27	86.228	-100.526	1003.8	-14.2
240	28	86.309	-102.073	1010.9	-5.4	271	28	86.254	-100.278	1010.1	-12.5
241	29	86.304	-102.564	1011.6	-5.3	272	29	86.276	-100.147	1011.7	-13.4
242	30	86.301	-102.631	1013.5	-6.4						
243	31	86.283	-102.530	1009.7	-5.7						

BUOY(3285) 90 Jan				BUOY(3285) 90 Feb					
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	85.595	130.303	1038.3	-33.2	32	85.393	138.673	1030.6	-39.8
2	85.642	129.925	1032.0	-29.4	33	85.396	138.734	1022.2	-38.0*
3	85.670	130.084	1031.4	-35.5	34	85.384	139.250	1013.8	-28.9
4	85.699	129.926	1023.9	-35.3*	35	85.349	140.348	999.4	-18.8
5	85.707	129.997	1026.7	-37.0*	36	85.290	140.815	996.3	-18.0
6	85.710	129.980	1027.2	-32.6	37	85.253	141.205	997.3	-15.0
7	85.717	130.189	1021.1	-30.3*	38	85.202	141.898	1000.5	-11.4
8	85.655	131.778	1005.9	-13.4	39	85.154	143.468	994.1	-21.2
9	85.513	131.825	1006.0	-11.0	40	85.061	145.257	995.9	-17.9
10	85.385	131.818	1003.4	-14.5	41	84.976	146.502	1014.4	-25.0
11	85.306	131.567	1006.5	-26.4	42	84.976	147.095	1024.6	-33.1
12	85.249	131.005	1009.8	-31.1	43	85.012	147.252	1027.0	-35.2
13	85.213	130.601	1020.5	-33.9	44	85.038	147.152	1031.2	-35.1
14	85.219	130.889	1014.1	-25.2	45	85.054	147.070	1029.9	-38.2
15	85.247	131.180	1016.7	-22.1*	46	85.055	146.995	1026.0	-38.8
16	85.287	131.700	1020.8	-24.4	47	85.058	147.008	1022.2	-35.3
17	85.357	132.228	1022.4	-29.4	48	85.049	147.191	1017.1	-29.2
18	85.498	132.797	1016.9	-28.1	49	85.024	147.284	1014.3	-32.0
19	85.529	132.919	1027.8	-17.1	50	85.025	147.326	1007.3	-32.4
20	85.536	133.052	1026.1	-26.8	51	85.028	147.331	1011.3	-38.4
21	85.516	133.694	1025.1	-26.8	52	85.037	147.335	1010.4	-32.9
22	85.472	134.887	1022.3	-21.1	53	85.052	147.416	1011.8	-31.2
23	85.394	136.038	1027.6	-17.6	54	85.110	147.654	1015.8	-32.0
24	85.317	137.171	1035.5	-24.2	55	85.219	147.663	1012.5	-34.3
25	85.276	137.869	1037.4	-25.7	56	85.324	147.553	1008.4	-33.5
26	85.247	138.141	1040.1	-29.4	57	85.410	147.030	998.5	-32.3
27	85.250	138.101	1041.6	-21.7	58	85.451	146.601	991.3	-29.2
28	85.275	138.446	1040.9	-30.3	59	85.462	146.370	993.9	-37.4
29	85.320	138.889	1035.6	-32.4					
30	85.359	138.950	1033.7	-36.2					
31	85.378	138.823	1034.8	-40.3					

BUOY(3285) 90 Mar				BUOY(3285) 90 Apr					
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	85.463	146.482	998.9	-42.0	91	86.367	145.379	1009.6	-28.8
61	85.465	146.754		-33.8	92	86.415	144.275	1002.7	-27.8
62	85.546	146.999	989.4	-26.2	93	86.436	143.021	999.3	-26.8
63	85.628	146.794	989.7	-20.9	94	86.451	142.334	1000.2	-28.9
64	85.716	146.321		-24.9*	95	86.476	141.660	993.6	-32.4
65	85.760	145.307	990.8	-33.4*	96	86.509	141.409	1000.8	-32.9
66	85.762	145.236	994.4	-39.4	97	86.557	140.923	999.9	-30.8
67	85.798	145.146	1001.3	-37.3	98	86.581	140.863	1001.8	-30.2
68	85.823	144.925	1008.5	-31.9	99	86.643	140.457	999.5	-30.1
69	85.855	144.563	1009.1	-33.1	100	86.645	140.707	1002.9	-30.2
70	85.909	143.976	1010.4	-33.7	101	86.637	142.139	1014.8	-22.4
71	85.944	143.196	1012.9	-33.6	102	86.679	143.295	1012.1	-21.3
72	85.950	142.386	1005.1	-33.8	103	86.789	144.725	991.6	-20.4
73	85.944	141.663	1001.7	-38.9	104	86.925	145.080	982.3	-18.2
74	85.939	141.163	1005.6	-41.1	105	86.977	144.247	996.7	-18.9
75	85.937	140.987	1009.7	-41.7	106	86.992	142.853	1019.2	-23.6
76	85.926	141.115	1008.9	-37.4	107	86.977	142.263	1025.7	-21.4
77	85.957	142.159	992.8	-24.0	108	86.996	141.844	1024.3	-18.1
78	85.956	143.033	1015.8	-36.8*	109	87.023	142.115	1020.5	-19.5
79	85.983	143.506	1024.6	-31.5	110	87.039	142.621	1010.8	-19.1
80	86.020	144.040	1030.1	-33.6	111	87.065	142.677	1009.7	-20.0
81	86.043	143.622	1019.7	-30.9	112	87.108	141.745	1020.3	-18.4
82	86.068	143.180	1014.7	-30.2	113	87.117	140.461	1023.7	-20.3*
83	86.116	142.586	1003.9	-28.4	114	87.112	139.536	1019.8	-17.3
84	86.129	142.269	999.8	-38.0	115	87.172	138.196	1010.0	-19.7
87	86.032	146.185	981.1	-15.5	116	87.159	136.098	994.7	-18.4
88	86.162	147.275	985.8	-20.6	117	87.070	136.068	992.2	-16.5
89	86.271	146.638	998.5	-23.4	118	87.045	136.719	993.0	-15.7
90	86.320	145.734	998.4	-28.7	119	87.130	136.887	981.1	-8.1

BUOY (3285) 90 May				BUOY (3285) 90 Jun					
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)		
122	2 87.166	134.179	974.9	-13.2	154	3 88.096	73.395	995.7	-1.9
123	3 87.156	132.104	977.8	-11.5	155	4 88.086	74.300	1004.8	-2.0
124	4 87.106	131.954	985.2	-13.2	156	5 88.121	76.913	1006.7	0.2
125	5 87.114	133.140	997.8	-13.1	157	6 88.093	78.105	1014.3	0.2*
126	6 87.207	132.486	994.2	-12.7	158	7 88.087	78.533	1013.2	0.1
127	7 87.287	131.733	995.5	-9.7	159	8 88.044	78.611	1016.2	-1.6*
128	8 87.473	132.062	1015.6	-8.8	160	9 88.056	77.773	1022.6	-2.4*
129	9 87.550	130.490	1016.0	-8.1	161	10 88.089	77.171		-0.7*
130	10 87.649	128.928	1015.0	-7.1	162	11 88.074	76.229		0.3
131	11 87.643	128.414	1016.4	-7.9	163	12 88.047	74.897	1014.0	-1.6
132	12 87.645	127.452	1018.5	-9.0	164	13 88.019	73.811	1014.1	-2.3
133	13 87.651	126.005	1011.4	-6.3*	165	14 87.976	73.802	1014.9	-1.9
134	14 87.660	124.362	1004.7	-6.4	166	15 87.943	73.842	1015.3	-1.5
135	15 87.696	121.685	996.8	-5.7	167	16 87.888	73.677	1018.1	-1.2
136	16 87.764	119.776	1002.1	-3.9*	168	17 87.845	73.102	1022.7	0.8*
137	17 87.836	117.828	1007.5	-4.0*	169	18 87.822	72.300	1025.5	1.9*
138	18 87.899	114.872	1006.4	-0.9	170	19 87.830	72.739	1017.3	1.0
139	19 87.927	111.758	1006.5	0.2	171	20 87.848	72.338	1014.1	1.0
140	20 87.956	108.553	1005.6	0.9	172	21 87.873	70.712	1020.0	0.5
141	21 88.012	105.732		-2.0*	173	22 87.876	68.798	1024.8	1.5
142	22 88.042	102.581	995.9	-3.7	174	23 87.855	67.301	1026.8	1.3
143	23 88.074	99.538	999.1	-1.8	175	24 87.812	65.472	1025.0	1.7
144	24 88.102	95.984	1004.7	-1.3	176	25 87.776	63.718	1022.5	1.8*
145	25 88.126	92.363	1008.4	-2.1	177	26 87.761	62.549	1020.3	0.8*
146	26 88.092	89.183	1007.4	-2.0*	178	27 87.721	61.666	1012.1	1.0
147	27 88.083	87.128	1009.0	-2.2	179	28 87.687	60.012	1010.2	0.6*
148	28 88.084	85.529	1005.5	-2.0	180	29 87.660	57.484	1010.8	0.2
149	29 88.124	84.477	1008.8	-3.9	181	30 87.620	54.999	1001.6	0.2
150	30 88.159	82.164	1005.8	-0.4					
151	31 88.196	78.606	1006.5	0.1					

BUOY (3285) 90 Jul				BUOY (3285) 90 Aug					
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)		
182	1 87.583	53.736	997.5	0.6	213	1 87.422	63.118	1013.1	0.0
183	2 87.634	53.034	1004.7	-0.4	214	2 87.391	61.550	1022.7	0.4
184	3 87.600	52.144	1003.3	-0.4	215	3 87.381	60.306	1022.2	-0.8
185	4 87.583	51.499	1004.8	0.3*	216	4 87.402	57.783	1015.8	0.3
186	5 87.562	51.002	1012.6	2.6	217	5 87.433	55.506	1011.1	1.0
187	6 87.545	50.824	1008.6	0.1	218	6 87.463	53.707	1006.5	0.8
188	7 87.520	52.278	1004.8	0.8	219	7 87.496	51.647	997.3	0.9
189	8 87.489	55.502	996.6	0.4	220	8 87.584	47.073	984.0	0.3
190	9 87.465	56.273	1002.4	1.2	221	9 87.707	43.912	997.0	0.5
191	10 87.460	56.362	1003.9	0.4	222	10 87.724	42.293	1003.4	0.4*
192	11 87.451	56.264	1002.0	0.1*	223	11 87.688	41.215	1005.7	0.2
193	12 87.445	56.385	1008.7	-0.1*	224	12 87.649	40.608	1007.4	-1.6
197	16 87.477	58.348	1022.8	0.8	225	13 87.608	40.067	1015.0	-0.8
198	17 87.451	58.025	1021.1	0.2	226	14 87.546	39.391	1019.8	-0.7
199	18 87.394	58.272	1022.5	-0.6	227	15 87.474	38.510	1024.5	0.1
200	19 87.382	58.806	1014.2	0.9	228	16 87.406	37.569	1027.3	0.3
201	20 87.357	59.917	1017.3	1.2	229	17 87.358	36.938	1028.9	1.0
202	21 87.357	60.856	1023.4	1.1	230	18 87.323	36.487	1030.5	0.8
203	22 87.382	62.763	1020.0	0.6	231	19 87.299	36.546	1029.4	1.5
206	25 87.400	66.165	1023.1	1.3	232	20 87.321	36.173	1025.2	0.6
207	26 87.425	66.733	1019.1	0.8	233	21 87.341	35.771	1022.7	-0.2
208	27 87.452	66.736	1009.9	1.7*	234	22 87.357	35.404	1019.8	-0.5
209	28 87.412	66.333	1018.0	0.9	235	23 87.398	34.632	1023.6	-0.4
210	29 87.397	66.315	1017.1	0.5*	236	24 87.406	33.433	1022.5	-2.2
211	30 87.387	65.138	1020.7	0.2	237	25 87.351	32.452	1016.9	-1.1
212	31 87.433	64.930	1008.9	0.1	238	26 87.342	31.928	1016.0	-1.0
					239	27 87.322	31.708	1015.7	-4.1
					240	28 87.308	32.113	1019.1	-1.1
					241	29 87.334	33.390	1020.5	0.8
					242	30 87.365	34.984	1023.3	-1.1

BUOY (3288) 90 Jan					BUOY (3288) 90 Feb				
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)		
1	85.277	101.160	1032.6	-32.0	32	85.316	112.017	1027.6	-39.1
2	85.301	100.558	1028.5	-32.7	33	85.317	111.989	1017.9	-33.5
3	85.334	100.488	1026.6	-37.0	34	85.311	112.461	1012.8	-23.8
4	85.367	100.227	1021.7	-38.1	35	85.322	113.951	997.4	-15.1
5	85.378	100.252	1023.2	-36.8	36	85.261	115.077	996.3	-8.2
6	85.388	100.259	1025.0	-40.3	37	85.206	116.141	996.9	-6.7
7	85.408	100.390	1020.1	-33.6	38	85.187	117.154	1000.5	-15.4
8	85.422	101.825	1011.9	-17.0	39	85.216	118.722	991.6	-20.1
9	85.303	103.124	1011.8	-17.0	40	85.222	121.011	995.7	-19.0
10	85.186	104.020	1007.9	-18.0	41	85.220	122.663	1013.3	-25.8
11	85.087	104.316	1010.0	-20.9	42	85.250	123.206	1021.5	-34.0
12	85.010	104.122	1014.4	-30.0	43	85.296	123.159	1021.3	-34.4
13	84.946	104.078	1021.2	-26.2	44	85.330	122.908	1026.4	-33.2
14	84.940	104.554	1011.8	-17.3	45	85.340	122.709	1027.5	-37.2
15	84.929	104.818	1014.8	-15.8	46	85.342	122.680	1024.0	-35.5
16	84.958	105.287	1016.8	-23.7	47	85.340	122.699	1018.3	-28.0
17	85.079	105.657	1010.7	-21.6	48	85.334	122.909	1017.6	-29.4
18	85.156	105.893	1013.4	-11.9	49	85.314	123.125	1013.4	-25.2
19	85.123	106.593	1027.8	-16.2	50	85.318	123.184	1005.0	-31.5
20	85.152	107.031	1024.4	-29.9	51	85.323	123.194	1008.2	-32.5
21	85.162	107.636	1025.0	-25.2	52	85.352	123.009	1004.4	-26.1
22	85.161	108.738	1024.1	-22.7	53	85.378	122.994	1005.7	-25.2
23	85.140	110.091	1030.5	-22.3	54	85.469	122.707	1004.8	-30.1*
24	85.121	111.237	1037.0	-26.7	55	85.574	122.163	1002.4	-32.8
25	85.130	112.031	1039.4	-29.0	56	85.667	121.341	999.7	-33.5
26	85.131	112.291	1040.6	-33.7	57	85.731	120.392	992.7	-32.8
27	85.147	112.204	1036.8	-28.0	58	85.747	119.655	989.0	-38.8
28	85.188	112.329	1036.2	-29.1	59	85.739	119.402	994.0	-41.4
29	85.244	112.506	1030.0	-34.2					
30	85.281	112.413	1029.0	-38.7					
31	85.300	112.141	1031.1	-39.7					

BUOY (3288) 90 Mar					BUOY (3288) 90 Apr				
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)		
60	85.733	119.524	997.2	-39.9	91	86.436	112.887	1005.0	-31.0
61	85.766	119.911	990.4	-27.5	93	86.415	110.282	1000.4	-27.7
62	85.844	119.539	981.7	-23.7	94	86.401	109.579	1000.4	-30.5
63	85.890	118.765	983.8	-18.1	95	86.390	108.828	992.7	-30.5
64	85.920	118.027	986.4	-25.7	96	86.397	108.520	995.3	-31.2
65	85.930	117.197	988.4	-35.7	97	86.415	107.782	997.4	-32.9
66	85.931	116.879	992.5	-39.9*	98	86.431	107.458	1002.1	-32.2
67	85.953	116.604	996.8	-37.0	99	86.443	106.864	998.2	-33.1
68	85.970	116.249	1004.8	-28.9	100	86.453	107.049	1001.5	-32.1
69	85.988	115.625	1003.5	-31.5	101	86.485	108.284	1011.4	-20.2
70	86.014	114.344	1005.6	-29.6	102	86.577	109.223	1004.4	-19.4
71	86.021	113.239	1009.9	-34.2	103	86.740	109.239	978.3	-16.0
72	86.001	112.422	1004.8	-34.4	104	86.851	108.225	976.7	-13.5
73	85.966	111.704	1001.6	-34.8	105	86.877	106.916	994.1	-17.8
74	85.935	111.452	1005.7	-36.3	106	86.834	105.694	1021.1	-23.4
75	85.923	111.456	1009.8	-38.6	107	86.808	105.521	1024.0	-19.9
76	85.934	111.953	1002.6	-25.0	108	86.820	104.988	1019.8	-19.0
77	85.960	113.032	991.2	-25.1	109	86.871	104.663	1014.2	-16.6
78	85.941	113.724	1015.7	-36.6	110	86.900	104.895	1006.3	-16.9
79	86.006	114.027	1018.2	-27.8	111	86.938	104.498	1000.5	-19.2
80	86.074	114.184	1024.7	-31.0	112	87.016	102.970	1016.8	-19.2
81	86.088	113.644	1016.4	-32.8	113	87.000	101.846	1025.6	-20.3
82	86.098	113.043	1008.6	-30.7	114	87.001	101.753	1017.1	-18.5
83	86.113	112.259	1000.9	-33.7	115	87.035	99.808	1008.9	-18.6*
84	86.108	111.895	1000.5	-38.2	116	86.984	97.910	999.1	-19.5
87	86.167	116.247	972.5	-14.3	117	86.874	98.652	995.7	-19.6
88	86.305	116.018	976.9	-22.7	118	86.895	99.531	985.3	-13.4
89	86.399	114.744	992.3	-22.9					
90	86.408	113.543	994.4	-29.3					

BUOY (3288)		LAT	LON	P	T	BUOY (3288)		LAT	LON	P	T
90 May		(N)	(+E, -W)	(MB)	(C)	90 Jun		(N)	(+E, -W)	(MB)	(C)
122	2	86.778	97.121	976.9	-13.2	152	1	86.373	60.559	992.5	-0.6
123	3	86.625	95.860	981.3	-13.6	153	2	86.307	60.099	988.3	-0.4
124	4	86.544	96.557		-14.4*	154	3	86.260	60.704	995.4	-2.4
125	5	86.547	97.469	993.4	-14.7	155	4	86.254	61.586	1005.4	-0.6
126	6	86.594	97.115	992.5	-15.7	156	5	86.299	62.965		0.7*
127	7	86.636	96.241	994.6	-11.7	157	6	86.294	63.890	1013.4	0.8*
128	8	86.707	96.286		-11.9*	158	7	86.272	64.575	1014.5	0.2
129	9	86.749	94.694	1008.6	-8.6	159	8	86.241	65.118	1015.5	-1.3
130	10	86.833	92.403	1011.4	-7.7	160	9	86.238	65.078	1019.3	-1.4
131	11	86.830	91.960	1015.4	-7.6	161	10	86.220	65.001	1013.6	-0.3
132	12	86.809	91.390	1017.7	-8.2	162	11	86.183	65.312		-0.9*
133	13	86.784	90.408	1009.4	-8.6	163	12	86.163	65.302	1012.3	0.0*
134	14	86.753	89.193	1001.8	-6.5	164	13	86.168	65.030	1013.2	-0.4
135	15	86.713	87.314	992.5	-6.2	165	14	86.154	65.127	1014.1	-0.9*
136	16	86.719	85.146	993.2	-5.7	166	15	86.149	65.230	1014.1	0.6
137	17	86.747	83.415	1003.6	-4.6	167	16	86.125	65.068	1017.9	-1.2
138	18	86.742	81.312	1001.2	-0.9	168	17	86.084	64.976	1020.5	0.2
139	19	86.711	79.268	1003.0	-0.1	169	18	86.051	64.550	1024.8	1.1*
140	20	86.681	77.279	1001.8	0.6	170	19	86.059	65.109	1016.9	0.9
141	21	86.672	74.993	997.9	-3.1	171	20	86.061	65.575	1012.9	0.8
142	22	86.638	73.032	992.3	-4.5	172	21	86.096	65.516	1015.8	0.2
143	23	86.596	71.737	994.0	-1.9	173	22	86.135	64.792	1021.1	0.7*
144	24	86.570	69.516	1000.5	-1.1	174	23	86.125	64.032	1023.1	1.5*
145	25	86.547	67.938	1006.0	-1.1	175	24	86.101	63.158	1021.4	1.8*
146	26	86.468	66.714	1004.6	-2.4	176	25	86.076	62.208	1018.7	0.8
147	27	86.423	65.939	1005.7	-2.8	177	26	86.064	61.537	1016.8	1.9*
148	28	86.404	65.377	1003.2	-2.5	178	27	86.018	61.134	1009.1	0.9
149	29	86.423	64.850	1005.1	-4.1	179	28	85.982	60.553	1005.6	0.7
150	30	86.418	63.933	999.0	-2.8	180	29	85.959	59.177	1005.0	0.8
151	31	86.423	62.090	1001.9	-0.5*	181	30	85.928	58.190	996.7	0.6

BUOY (3288)		LAT	LON	P	T	BUOY (3288)		LAT	LON	P	T
90 Jul		(N)	(+E, -W)	(MB)	(C)	90 Aug		(N)	(+E, -W)	(MB)	(C)
182	1	85.909	57.580	996.6	0.3	213	1	85.745	65.296	1008.6	0.0
183	2	85.972	57.391	1000.2	-0.2	214	2	85.746	64.571	1018.5	0.2
184	3	85.940	56.640	1002.3	-0.9	215	3	85.749	63.216	1016.8	0.0
185	4	85.902	56.904	1003.0	-0.6						
186	5	85.900	56.782	1011.0	-0.5						
187	6	85.900	56.940	1009.3	1.7						
188	7	85.882	57.454	1006.9	0.7						
189	8	85.845	59.058	1000.5	0.5						
190	9	85.834	59.833	1000.0	2.4						
191	10	85.837	59.789	1001.7	1.8						
192	11	85.845	60.191	1002.7	0.2						
193	12	85.835	60.087	1007.7	1.2						
194	13	85.817	60.148	1015.6	0.6						
195	14	85.842	60.726	1017.5	-0.2						
196	15	85.845	60.661	1017.4	0.9						
197	16	85.843	60.906	1021.0	1.8						
198	17	85.825	60.821	1018.1	0.4						
199	18	85.785	60.522	1022.7	0.4						
200	19	85.780	60.833	1015.1	1.2						
201	20	85.751	61.562	1017.5	1.2						
202	21	85.734	62.132	1025.7	0.8						
203	22	85.764	63.089	1021.7	0.8						
204	23	85.774	63.994	1019.4	1.1						
205	24	85.786	64.775	1022.6	0.5						
206	25	85.797	65.018	1021.8	2.1						
207	26	85.824	65.230	1017.4	1.5						
208	27	85.841	65.052	1009.2	1.2						
209	28	85.803	65.123	1017.1	0.6						
210	29	85.777	65.382	1015.1	0.8						
211	30	85.768	64.791	1019.3	0.5						
212	31	85.783	65.244	1008.8	0.5						

BUOY (3366) 90 Mar						BUOY (3366) 90 Apr					
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
81	22	80.124	-140.332	1019.6	-22.3*	91	1	80.135	-139.646	1017.3	-27.3
82	23	80.108	-140.305	1017.6	-26.0	92	2	80.148	-139.533	1014.7	-24.9
83	24	80.083	-140.165	1029.6	-25.6	93	3	80.176	-139.531	1012.9	-22.8
84	25	80.095	-139.899	1007.6	-16.6	94	4	80.195	-139.540	1012.6	-22.5
85	26	80.101	-139.759	1003.3	-18.1	95	5	80.201	-139.528	1006.3	-23.0
86	27	80.101	-139.686	996.1	-28.4	96	6	80.194	-139.374	1005.3	-24.6
87	28	80.100	-139.635	989.0	-19.6*	97	7	80.174	-139.214	1010.1	-14.2
88	29	80.079	-139.666	1003.4	-24.8	98	8	80.165	-139.021	1018.1	-10.4
89	30	80.102	-139.683	1006.3	-19.7	99	9	80.195	-138.740	1008.2	-5.1
90	31	80.142	-139.706	1007.5	-20.1	100	10	80.197	-138.665	1000.9	-12.8
						101	11	80.114	-138.458	1018.7	-21.8
						102	12	80.112	-138.464	1017.1	-22.6
						103	13	80.113	-138.451	1014.1	-23.3
						104	14	80.113	-138.468	1010.2	-23.7
						105	15	80.116	-138.455	1007.3	-23.6
						106	16	80.115	-138.458	1015.4	-25.4
						107	17	80.120	-138.498	1021.5	-24.4*
						108	18	80.135	-138.570	1022.6	-25.6
						109	19	80.130	-138.607	1017.2	-22.0
						110	20	80.106	-138.577	1013.0	-19.6
						111	21	80.111	-138.575	1023.4	-20.8
						112	22	80.135	-138.573	1022.3	-20.9
						113	23	80.214	-138.667	1020.7	-17.2
						114	24	80.225	-138.640	1028.8	-16.2
						115	25	80.239	-138.553	1016.6	-16.3
						116	26	80.363	-138.242	991.3	-11.7
						117	27	80.349	-137.823	1003.0	-19.1
						118	28	80.340	-137.668	1009.4	-17.2

BUOY (3366) 90 May						BUOY (3366) 90 Jun					
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	2	80.380	-136.694	993.4	-5.9	152	1	80.700	-133.288	1012.1	-1.4
123	3	80.402	-136.198	990.1	-4.5	153	2	80.693	-133.255		-2.6
124	4	80.405	-135.904	1002.1	-10.1*	154	3	80.674	-133.096	992.9	-1.6
125	5	80.431	-135.467	1006.3	-3.3	155	4	80.653	-133.120	995.8	-1.5
126	6	80.433	-135.469	1019.5	-5.5	156	5	80.601	-133.259	998.7	-1.3
127	7	80.433	-135.452	1025.8	-6.9	157	6	80.578	-133.400	1003.1	-3.0
128	8	80.440	-135.448	1030.8	-8.9	158	7	80.580	-133.527	1008.4	-2.9
129	9	80.459	-135.424	1033.3	-8.0	159	8	80.596	-133.774	1009.5	-2.3
130	10	80.491	-135.378	1017.2	-8.1	160	9	80.581	-134.028	1004.7	-0.6
131	11	80.489	-135.374	1016.0	-4.6	161	10	80.570	-134.140	1006.4	-0.6
132	12	80.489	-135.372	1021.5	-4.8	162	11	80.542	-134.378	1007.5	-0.4
133	13	80.489	-135.383	1017.8	-3.7	163	12	80.525	-134.526	1015.7	1.0*
134	14	80.489	-135.393	1013.4	-3.0	164	13	80.533	-134.213	1010.0	-1.8
135	15	80.486	-135.354	1013.4	-4.1	165	14	80.569	-133.907	1005.6	-2.0
136	16	80.479	-135.276	1020.5	-2.3	166	15	80.650	-133.688	1007.7	0.9
137	17	80.504	-135.205	1022.3	-3.6	167	16	80.715	-133.545	1015.5	1.5
138	18	80.553	-135.042	1018.5	-2.8*	168	17	80.722	-133.558	1018.7	1.2
139	19	80.615	-134.784	1018.0	-2.9	169	18	80.721	-133.590	1014.6	1.4
140	20	80.660	-134.573	1016.3	-3.9*	170	19	80.722	-133.709	1010.7	-0.4
141	21	80.674	-134.484	1011.5	-2.4	171	20	80.720	-133.692	1014.0	2.2
142	22	80.668	-134.256	1007.4	-1.3	172	21	80.744	-133.607	1018.3	1.6
143	23	80.664	-134.109	1017.1	-1.7	173	22	80.804	-133.742	1017.0	1.7
144	24	80.698	-134.042	1019.7	-3.7	174	23	80.869	-133.860	1017.8	1.4
145	25	80.744	-134.041	1015.7	-6.2	175	24	80.942	-134.020	1017.6	1.6
146	26	80.754	-134.002	1018.9	-1.3	176	25	81.003	-134.155	1018.1	3.2
147	27	80.768	-133.977	1019.6	-0.8	177	26	80.995	-134.085	1023.3	3.0*
148	28	80.772	-133.954	1015.8	-0.6	178	27	81.004	-133.856		1.5*
149	29	80.746	-133.958	1019.0	-2.6	179	28	81.007	-133.632	1024.7	2.6
150	30	80.683	-133.873	1030.0	-3.2	180	29	81.007	-133.552	1021.9	2.1
151	31	80.676	-133.481	1025.9	-2.7	181	30	81.014	-133.400	1018.8	1.7

BUOY(3366)	LAT	LON	P	T
90 Jul	(N)	(+E, -W)	(MB)	(C)
182	1 81.032	-133.333	1013.3	1.0
183	2 80.996	-133.278	1017.4	0.7
184	3 81.003	-133.126	1011.6	0.9
185	4 80.968	-132.783	1016.1	1.0*
186	5 80.971	-132.740	1015.6	1.7
187	6 80.999	-132.528	1001.2	1.0
188	7 81.011	-132.429	995.1	0.3
189	8 81.036	-131.872	1001.9	0.5

BUOY(3369) LAT				BUOY(3369) LAT					
90 Mar		(N)	LON	90 Apr		(N)	LON	P	T
			(+E,-W)				(+E,-W)	(MB)	(C)
84	25	80.262	-169.338	91	1	80.258	-168.550		
85	26	80.283	-169.127	92	2	80.354	-168.486		
86	27	80.239	-168.920	93	3	80.427	-168.400		
87	28	80.159	-168.464	94	4	80.496	-168.251		
88	29	80.136	-168.363	95	5	80.538	-167.997		
89	30	80.181	-168.497	96	6	80.572	-167.632		
90	31	80.229	-168.643	97	7	80.635	-166.877		
				98	8	80.707	-166.407		
				99	9	80.788	-166.140		
				100	10	80.727	-166.001		
				101	11	80.687	-165.553		
				102	12	80.676	-165.577		
				103	13	80.675	-165.553		
				104	14	80.685	-165.525		
				105	15	80.716	-165.230		
				106	16	80.760	-165.182		
				107	17	80.828	-165.460		
				108	18	80.891	-165.943		
				109	19	80.906	-166.142		
				110	20	80.894	-166.081		
				111	21	80.906	-166.005		
				112	22	80.952	-166.202		
				113	23	81.030	-166.596		
				114	24	81.085	-166.542		
				115	25	81.191	-166.733		
				116	26	81.252	-166.469		
				117	27	81.221	-165.693		
				118	28	81.226	-165.333		

BUOY(3369) LAT				BUOY(3369) LAT					
90 May		(N)	LON	90 May		(N)	LON	P	T
			(+E,-W)				(+E,-W)	(MB)	(C)
122	2	81.260	-163.529						
123	3	81.309	-162.813						

BUOY(7049)		LAT	LON	P	T	BUOY (7049)		LAT	LON	P	T
90 Jan		(N)	(+E,-W)	(MB)	(C)	90 Feb		(N)	(+E,-W)	(MB)	(C)
1	1	82.765	-55.194			32	1	80.258	-68.490		
2	2	82.765	-55.201			36	5	79.816	-69.671		
3	3	82.761	-55.186			37	6	79.732	-69.982		
4	4	82.769	-55.197			38	7	79.652	-70.262		
5	5	82.765	-55.199			39	8	79.601	-70.464		
6	6	82.766	-55.208			40	9	79.583	-70.541		
7	7	82.766	-55.211			43	12	79.524	-70.762		
8	8	82.766	-55.212			44	13	79.453	-71.026		
9	9	82.767	-55.223			45	14	79.394	-71.253		
10	10	82.764	-55.287			46	15	79.361	-71.354		
11	11	82.737	-55.885			47	16	79.264	-71.635		
12	12	82.706	-56.327			48	17	79.153	-71.922		
15	15	82.450	-57.643			49	18	79.031	-72.202		
16	16	82.385	-57.940			50	19	78.924	-72.398		
17	17	82.346	-58.176			51	20	78.798	-72.532		
18	18	82.368	-57.984			52	21	78.696	-72.618		
19	19	82.349	-58.066			55	24	78.086	-73.548		
20	20	82.321	-58.199			56	25	77.488	-74.461		
21	21	82.290	-58.367			57	26	76.943	-74.973		
22	22	82.232	-58.575			58	27	76.507	-75.112		
23	23	82.153	-59.048								
24	24	82.148	-58.955								
25	25	82.150	-58.951								
26	26	82.104	-59.441								
29	29	81.428	-63.770								
30	30	81.001	-65.992								

BUOY(7049)		LAT	LON	P	T	BUOY (7049)		LAT	LON	P	T
90 Mar		(N)	(+E,-W)	(MB)	(C)	90 Apr		(N)	(+E,-W)	(MB)	(C)
61	2	76.399	-75.061			95	5	74.766	-72.850		
62	3	76.168	-74.989			96	6	74.775	-72.809		
63	4	75.892	-75.030			97	7	74.739	-72.713		
66	7	75.705	-74.838			98	8	74.646	-72.492		
67	8	75.722	-74.982			99	9	74.517	-72.246		
68	9	75.686	-75.119			100	10	74.438	-71.948		
69	10	75.628	-75.052			101	11	74.392	-71.607		
70	11	75.479	-74.836			102	12	74.274	-71.352		
71	12	75.381	-74.589			103	13	74.272	-70.826		
72	13	75.256	-74.221			106	16	74.304	-70.678		
73	14	75.155	-73.955			107	17	74.323	-70.757		
74	15	75.110	-73.744			108	18	74.282	-70.672		
75	16	75.063	-73.686			109	19	74.235	-70.510		
76	17	75.038	-73.614			110	20	74.151	-70.099		
77	18	75.031	-73.586			111	21	74.154	-69.957		
78	19	75.019	-73.613			112	22	74.134	-69.889		
79	20	74.973	-73.573			115	25	73.958	-69.374		
80	21	74.879	-73.559			116	26	73.925	-69.245		
81	22	74.826	-73.529								
82	23	74.800	-73.385								
83	24	74.808	-73.390								
84	25	74.691	-73.135								
85	26	74.661	-72.949								
86	27	74.671	-72.747								
87	28	74.730	-72.418								
88	29	74.819	-72.513								
89	30	74.815	-72.564								
90	31	74.784	-72.521								

BUOY (7049) 90 May	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY (7049) 90 Jun	LAT (N)	LON (+E,-W)	P (MB)	T (C)
123	3	73.720	-67.910		155	4	73.669	-67.024	
128	8	73.640	-67.656		156	5	73.741	-66.946	
129	9	73.564	-67.422		157	6	73.799	-66.872	
134	14	73.615	-67.214		158	7	73.889	-66.902	
135	15	73.685	-67.277		159	8	73.924	-66.974	
136	16	73.722	-67.324		160	9	73.940	-66.995	
137	17	73.761	-67.372		161	10	73.959	-66.958	
138	18	73.776	-67.345		162	11	74.019	-67.015	
143	23	74.048	-67.380		163	12	74.125	-67.092	
144	24	74.043	-67.635		164	13	74.160	-67.126	
145	25	73.976	-67.408		165	14	74.227	-67.236	
146	26	73.975	-67.423		166	15	74.270	-67.409	
147	27	73.939	-67.389		167	16	74.278	-67.486	
148	28	73.927	-67.422		168	17	74.324	-67.525	
149	29	73.864	-67.372		169	18	74.313	-67.577	
150	30	73.818	-67.276		170	19	74.246	-67.641	
151	31	73.793	-67.212		173	22	74.108	-67.486	
					174	23	74.087	-67.442	
					175	24	74.068	-67.398	
					176	25	74.067	-67.375	
					177	26	74.064	-67.328	
					178	27	74.042	-67.270	
					179	28	74.036	-67.228	
					180	29	74.028	-67.203	
					181	30	74.008	-67.119	

BUOY (7049) 90 Jul	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY (7049) 90 Aug	LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	73.986	-67.077		213	1	73.315	-66.824	
183	2	73.973	-67.006		214	2	73.454	-66.843	
184	3	73.956	-66.962						
185	4	73.929	-66.872						
186	5	73.927	-66.835						
188	7	73.850	-66.729						
191	10	73.858	-66.684						
192	11	73.847	-66.594						
193	12	73.837	-66.552						
194	13	73.826	-66.620						
195	14	73.774	-66.569						
196	15	73.718	-66.426						
197	16	73.676	-66.275						
198	17	73.636	-66.081						
199	18	73.564	-65.924						
200	19	73.551	-65.808						
201	20	73.516	-65.668						
202	21	73.470	-65.608						
203	22	73.472	-65.524						
204	23	73.421	-65.569						
205	24	73.383	-65.531						
206	25	73.318	-65.827						
207	26	73.242	-66.115						
208	27	73.226	-66.436						
209	28	73.245	-66.662						
210	29	73.272	-66.712						

BUOY (7405)					BUOY (7405)						
90 Jan		LAT	LON	P	T	90 Feb		LAT	LON	P	T
		(N)	(+E,-W)	(MB)	(C)			(N)	(+E,-W)	(MB)	(C)
1	1	82.571	-2.556	1022.2	-23.8	32	1	82.050	-6.023	1014.1	-19.4
2	2	82.663	-2.732	1003.7	-18.6	33	2	81.973	-6.478	998.2	-18.3
3	3	82.650	-2.664	997.8	-20.0	34	3	81.749	-6.655	992.2	-16.3
4	4	82.598	-2.916	998.2	-20.2	37	6	80.994	-6.769	977.3	-21.1
5	5	82.598	-3.106	993.6	-15.6	38	7	80.680	-6.590	982.8	-22.9*
6	6	82.652	-3.273	991.2	-12.3	39	8	80.450	-6.490	988.5	-23.5*
7	7	82.686	-3.350	994.2	-10.2	40	9	80.242	-6.377	996.1	-24.5
8	8	82.708	-3.405	1000.1	-9.2	41	10	80.097	-6.312	1001.1	-25.5
9	9	82.762	-3.452	1002.7	-9.1	42	11	79.957	-6.349	1008.1	-25.2
10	10	82.867	-2.861	1010.0	-7.9	43	12	79.811	-6.547	1014.3	-23.9
11	11	82.947	-2.088	1016.2	-8.6	44	13	79.691	-6.711	1020.0	-25.6
12	12	82.983	-1.628	1020.1	-9.8	45	14	79.622	-6.638	1017.2	-23.7
13	13	83.056	-1.351	1013.5	-8.8	46	15	79.589	-6.319	1012.5	-17.5
14	14	83.082	-1.227	1010.4	-8.9	47	16	79.557	-6.299	1018.7	-14.8
15	15	83.078	-1.685	987.1	-9.6	48	17	79.468	-6.500	1004.3	-15.6
16	16	83.065	-2.471	992.6	-8.1	49	18	79.297	-7.067	987.0	-13.9
17	17	82.865	-2.338	1010.0	-13.3	50	19	79.148	-7.743	985.6	-12.5
18	18	82.727	-1.893	1010.0	-19.0	51	20	79.008	-8.231	973.3	-11.3
19	19	82.665	-2.179	1006.9	-16.9	52	21	78.882	-8.635	976.7	-9.6
20	20	82.624	-2.550	1020.5	-15.0	53	22	78.669	-9.399	989.6	-9.7
21	21	82.589	-2.770	1003.0	-15.0	54	23	78.463	-9.929	989.7	-11.3*
22	22	82.605	-3.166	997.7	-10.9	55	24	78.267	-10.538	994.8	-12.6*
23	23	82.697	-3.560	994.4	-7.7	56	25	78.141	-10.873	999.7	-15.1*
24	24	82.695	-3.631	1013.0	-7.0	57	26	78.036	-10.975	1000.0	-19.7*
25	25	82.586	-3.880	1022.1	-10.2	58	27	77.872	-11.116	1003.6	-19.3*
26	26	82.575	-4.167	1021.9	-10.6	59	28	77.710	-11.149	1006.4	-18.7*
27	27	82.533	-4.658	1020.5	-13.7						
28	28	82.450	-5.311	1009.8	-15.6						
29	29	82.342	-5.781	1007.9	-15.5						
30	30	82.251	-5.819	1009.3	-16.0*						
31	31	82.147	-5.915	1014.3	-17.2						

BUOY (7405)					BUOY (7405)						
90 Mar		LAT	LON	P	T	90 Apr		LAT	LON	P	T
		(N)	(+E,-W)	(MB)	(C)			(N)	(+E,-W)	(MB)	(C)
60	1	77.552	-11.063	1007.6	-19.3	91	1	69.043	-21.711	1027.5	-10.1
61	2	77.464	-10.938	1005.2	-21.0	94	4	68.653	-23.442		-8.5*
62	3	77.385	-10.966	1001.3	-22.3	95	5	68.460	-23.851	1022.7	-8.9
63	4	77.213	-11.278	1001.5	-20.0	96	6	68.301	-23.961	1021.2	-9.5
64	5	77.030	-11.516	1009.8	-19.2	100	10	67.636	-25.007	991.0	-8.2
65	6	76.871	-11.557	1012.9	-19.9	101	11	67.625	-25.857	973.3	-9.3
68	9	76.339	-11.935	992.6	-18.8	102	12	67.498	-26.088	982.7	-10.8
69	10	75.943	-12.127	1006.0	-17.3	103	13	67.442	-25.670	986.8	-9.0
70	11	75.740	-12.260	1009.0	-20.7	104	14	67.289	-25.909	984.4	-6.7
71	12	75.446	-12.629	1009.4	-20.4	109	19	67.071	-27.827	1016.6	-4.6
72	13	75.155	-12.947	1013.5	-20.1	112	22	66.571	-26.696	1006.8	-3.6
75	16	73.615	-15.505	1002.4	-15.2	114	24	66.227	-28.097		-4.2*
76	17	73.274	-15.896	1010.0	-14.8	118	28	66.628	-29.366	989.5	-4.0*
77	18	72.779	-16.288	999.9	-14.2						
78	19	72.314	-16.864	996.4	-13.7						
79	20	71.969	-17.592	998.2	-13.4						
82	23	70.199	-19.418	992.3	-12.1						
87	28	69.612	-20.230	1001.0	-10.0						
88	29	69.392	-20.606	1000.5	-9.5						
89	30	69.378	-20.749	1014.1	-10.2						
90	31	69.280	-21.044	1017.0	-10.0						

BUOY (7405) LAT				LON	P	T	BUOY (7405) LAT				
90 May				(+E,-W)	(MB)	(C)	90 Jun				
		(N)						(N)	(+E,-W)	P	T
										(MB)	(C)
123	3	66.240	-30.834	1019.6	-2.1	152	1	66.267	-31.493		1.9
124	4	66.196	-30.261		-1.1*	155	4	65.863	-32.403	992.6	1.8
125	5	66.342	-29.873	1021.3	-0.4	156	5	65.916	-33.188	1001.4	1.2
126	6	66.601	-28.895	1022.8	0.3	157	6	65.842	-34.012	1007.3	1.3
127	7	66.568	-28.407	1023.0	0.7	158	7	65.735	-34.603	1014.1	2.1
128	8	66.384	-27.944	1022.3	1.1	159	8	65.482	-35.413	1016.7	1.6
129	9	66.094	-28.568	1004.8	1.5	160	9	65.265	-36.100	1017.1	1.6
134	14	66.662	-29.936	1023.8	-1.1	161	10	65.176	-36.770	1019.6	2.0
138	18	66.876	-29.694	1028.2	0.7	162	11	65.164	-37.535	1015.7	2.0
139	19	66.955	-29.551	1024.8	0.9	163	12	65.098	-38.191	1010.5	2.2
140	20	67.003	-29.809	1031.4	0.7	164	13	64.945	-38.622	1007.9	2.9
141	21	67.105	-30.239	1025.8	-0.7	167	16	64.360	-39.413	1007.4	3.0*
142	22	67.296	-30.613	1024.7	-1.3	168	17	64.204	-39.699	1006.7	2.5
145	25	67.307	-31.222	1023.9	-0.2						
146	26	67.293	-31.315	1017.7	0.8						
147	27	67.242	-31.438	1017.1	0.4						
148	28	67.140	-31.531	1005.2	0.9						
149	29	67.013	-31.299	1006.5	1.8						
150	30	66.856	-31.228	1012.7	0.7						
151	31	66.617	-31.174	1012.4	2.0						

BUOY (7405) LAT				LON	P	T
90 Jul				(+E,-W)	(MB)	(C)
		(N)				
183	2	60.415	-49.515	1007.9	4.2	
184	3	60.573	-50.219		4.7*	
185	4	60.655	-50.581	1013.4	4.6	
186	5	60.841	-51.258	1003.0	4.2	
188	7	60.445	-51.512	1006.6	4.6	
189	8	60.463	-51.420	1016.9	4.9	
190	9	60.456	-51.278	1005.8	5.4	
191	10	60.416	-51.005	1009.6	5.7	
192	11	60.555	-51.454	1009.0	5.8	
195	14	60.682	-52.260	999.6	6.1	
199	18	60.401	-52.052	1016.4	5.7*	
200	19	60.467	-51.889	1012.2	5.6	
206	25	60.297	-51.222		6.6*	
207	26	60.373	-51.220	1014.7	6.8	

BUOY(7406) 90 Jan					BUOY (7406) 90 Feb				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	83.892	-51.426	1003.8	-19.6	32	83.888	-51.399	1010.8	-23.9
2	83.890	-51.414	1001.3	-20.8	33	83.888	-51.402	1004.6	-26.4
3	83.889	-51.403	998.6	-20.0	34	83.889	-51.383	1002.9	-28.3
4	83.892	-51.417	995.6	-17.5	35	83.888	-51.400	1002.2	-29.2
5	83.889	-51.435	989.5	-16.2	36	83.888	-51.398	1003.1	-29.9
6	83.891	-51.425	993.2	-17.0	37	83.890	-51.388	997.9	-29.8
7	83.890	-51.431	989.5	-17.2	38	83.888	-51.398	989.7	-27.6
8	83.891	-51.427	995.9	-18.3	39	83.899	-51.309		-25.4
9	83.891	-51.426	993.3	-20.4	40	83.903	-51.325	995.4	-26.6
10	83.894	-51.391	1006.8	-21.1	41	83.900	-51.366	1001.4	-28.8
11	83.891	-51.387	1014.3	-22.7	42	83.892	-51.441		-30.4*
12	83.894	-51.386	1019.7	-23.2	43	83.897	-51.430	1014.7	-30.3
13	83.893	-51.384	1017.0	-24.7	46	83.890	-51.487	1014.3	-28.5
14	83.892	-51.402	1012.4	-23.4	47	83.890	-51.442	1015.2	-28.4
15	83.893	-51.395	1003.8	-22.4	48	83.889	-51.438	1005.7	-28.4
16	83.894	-51.388	1007.4	-22.1	49	83.890	-51.440	1000.5	-28.4
17	83.890	-51.384	1004.8	-21.6	50	83.890	-51.440	997.1	-26.8
18	83.889	-51.390	1003.8	-20.4	51	83.891	-51.436	987.0	-23.8
19	83.890	-51.385	1011.6	-21.4	52	83.890	-51.448	995.6	-21.5
20	83.890	-51.406		-21.5	53	83.889	-51.440	1000.9	-20.6
21	83.887	-51.395	999.6	-23.9	54	83.889	-51.423	1001.6	-20.3
22	83.892	-51.375	1001.3	-26.0	55	83.878	-51.463	1002.8	-20.5
23	83.887	-51.410	1000.5	-24.6	56	83.870	-51.478	1007.5	-20.9*
24	83.891	-51.391	1018.0	-23.0	57	83.871	-51.462	1011.3	-22.9*
25	83.888	-51.388	1021.9	-23.3	58	83.868	-51.485	1011.2	-23.4
26	83.889	-51.408	1017.8	-22.9					
27	83.889	-51.400	1022.0	-23.7					
28	83.892	-51.426	1011.7	-22.7					
29	83.888	-51.402	1012.9	-22.0					
30	83.890	-51.391	1013.9	-21.9					
31	83.891	-51.393	1017.8	-22.5					

BUOY(7406) 90 Mar					BUOY(7406) 90 Apr				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
61	83.868	-51.445	1009.0	-22.5	91	83.889	-51.067	1020.8	-23.4
62	83.871	-51.457	1004.8	-25.7	92	83.886	-51.065	1021.3	-25.3
63	83.869	-51.474	1012.6	-26.1	93	83.889	-51.064	1011.5	-27.2
64	83.867	-51.396	1018.8	-24.9	94	83.889	-51.061	1020.4	-27.5
65	83.873	-51.373	1005.5	-24.4	95	83.888	-51.063	1016.0	-24.4
66	83.892	-51.187	998.3	-22.8	96	83.890	-51.040	1009.1	-18.2
67	83.893	-51.065	1004.7	-28.6	97	83.895	-51.039	1004.0	-16.4
68	83.893	-51.068	1012.3	-31.4	98	83.896	-51.039	1004.6	-20.5
69	83.893	-51.057		-34.2	99	83.893	-51.018	992.2	-20.8
70	83.892	-51.055	1016.3	-40.6	100	83.893	-51.017	987.0	-16.7
71	83.892	-51.064	1017.5	-41.6	101	83.889	-51.062	981.0	-16.9
72	83.893	-51.065	1021.7	-43.0	102	83.884	-51.116	980.1	-18.1
73	83.892	-51.063	1017.2	-39.6	103	83.879	-51.110	988.1	-18.0
74	83.895	-51.073	1006.4	-37.1*	104	83.881	-51.106	994.2	-19.3
75	83.894	-51.056	1015.2	-37.5	105	83.881	-51.114	1009.1	-20.3
76	83.894	-51.064	1014.4	-38.0	106	83.880	-51.098	1016.8	-20.1
77	83.891	-51.079	1008.7	-39.4	107	83.879	-51.107	1020.7	-19.8
78	83.894	-51.050	1004.5	-41.6	108	83.881	-51.104	1010.5	-18.9*
79	83.894	-51.059	1004.8	-43.2	109	83.881	-51.107	1008.4	-18.0
80	83.891	-51.059	1007.0	-42.6	110	83.879	-51.117	985.4	-17.4
81	83.886	-51.101	1015.9	-40.2	111	83.880	-51.088	1003.9	-17.5
82	83.886	-51.079	1010.9	-40.3	112	83.878	-51.076	1026.9	-17.9
83	83.887	-51.085	1018.4	-39.6	113	83.877	-51.096	1026.9	-18.1
84	83.887	-51.074	992.4	-38.8	114	83.876	-51.067	1028.8	-18.8
87	83.889	-51.030	989.6	-23.9	115	83.876	-51.084	1026.6	-19.4
88	83.889	-51.047	999.9	-25.8	116	83.877	-51.077	1017.1	-19.4
89	83.887	-51.052	1018.4	-25.4	117	83.882	-51.032	996.9	-18.6
90	83.889	-51.057	1018.9	-26.4	118	83.884	-51.011	993.7	-17.0*

BUOY (7406)	LAT	LON	P	T
90 May	(N)	(+E, -W)	(MB)	(C)
122	2 83.888	-50.965	1002.1	-15.6

BUOY (7408) 90 Jan					BUOY (7408) 90 Feb				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	73.001	-156.455	1029.2	-26.9	32	71.794	-161.629	1014.7	-26.8
2	72.978	-156.680		-28.7	33	71.788	-162.299	1014.5	-27.6
3	72.944	-156.976	1031.0	-29.8	34	71.766	-162.396	1017.6	-29.5
4	72.898	-157.271	1028.8	-30.1	35	71.756	-162.408	1017.9	-30.8
5	72.852	-157.479	1026.3	-30.0	36	71.718	-162.355	1018.4	-33.5
6	72.797	-157.640	1008.9	-28.1	37	71.654	-162.163		-32.9*
7	72.752	-157.876	999.3	-29.4	38	71.607	-161.994	1016.6	-32.7*
8	72.704	-157.974	993.9	-30.7	39	71.589	-161.918		-34.9*
9	72.703	-157.948	1000.9	-33.4	40	71.545	-161.785	1008.4	-32.5*
10	72.704	-157.835	1009.6	-33.1	41	71.502	-161.587	1006.5	-27.9
11	72.692	-157.748	1015.7	-33.4	42	71.501	-161.533	1021.3	-27.0
12	72.669	-157.795		-33.2	43	71.503	-161.532		-29.8
13	72.631	-157.940	1012.0	-31.8*	44	71.501	-161.545	1028.7	-30.9
14	72.564	-158.176	1012.2	-30.6*	45	71.494	-161.586		-31.5
15	72.506	-158.272	1019.3	-31.9	48	71.565	-161.849	1008.6	-24.0
16	72.492	-158.503	1025.8	-31.7	49	71.546	-161.832	1020.4	-30.4
17	72.480	-158.691	1032.4	-30.5	50	71.536	-161.774	1015.4	-31.4
18	72.457	-158.800	1031.2	-31.5	51	71.532	-161.708	1013.5	-32.0
19	72.407	-159.076	1022.4	-30.5	52	71.528	-161.668	1015.4	-32.5
20	72.300	-159.618	1017.7	-28.9	53	71.530	-161.664	1023.4	-34.7*
21	72.215	-159.950	1016.7	-31.7	54	71.532	-161.670		-34.3
22	72.155	-160.074	1018.1	-33.4	55	71.536	-161.723	1021.4	-33.0*
23	72.076	-160.056	1017.8	-30.9	58	71.616	-161.968	1010.4	-26.4
24	71.959	-159.878	1013.3	-24.3					
25	71.893	-159.973	1015.4	-22.0					
26	71.872	-160.072	1012.2	-26.2					
27	71.920	-160.266	1025.3	-26.6					
28	71.879	-160.526		-31.8					
29	71.863	-160.529		-32.5					
30	71.859	-160.669		-30.6					
31	71.841	-160.995	1028.9	-28.0					

BUOY (7408) 90 Mar				BUOY (7408) 90 Apr					
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	71.621	-161.745	1015.7	-26.7	91	71.690	-161.309	1014.3	-15.9
61	71.617	-161.748	1007.5	-26.6	92	71.742	-161.106	1014.5	-15.6
62	71.615	-161.751	1006.8	-26.5	93	71.737	-161.077	1012.8	-14.9
63	71.603	-161.800	1000.1	-26.1	94	71.703	-161.227	1006.0	-13.6
64	71.594	-161.744	1007.8	-26.6	95	71.676	-161.322	1011.1	-12.8*
65	71.591	-161.634	1017.4	-27.4	97	71.679	-161.136		-14.5*
66	71.592	-161.616	1021.6	-27.7	98	71.684	-161.141		-13.1
67	71.601	-161.662	1013.2	-27.1	99	71.751	-160.896	1023.4	-8.2
68	71.607	-161.745	1008.5	-25.9	100	71.793	-160.541		-5.9*
69	71.607	-161.773	1010.6	-25.8	101	71.796	-160.532		-9.7
70	71.605	-161.759	1008.4	-25.1	102	71.818	-160.452	1018.5	-10.8*
71	71.602	-161.749	1006.6	-25.9	103	71.818	-160.434	1019.9	-9.1
72	71.600	-161.736	1008.0	-28.0	104	71.818	-160.430		-8.6
73	71.603	-161.690	1012.0	-28.4	105	71.819	-160.432	1015.9	-9.0
74	71.620	-161.660	1013.2	-26.7	106	71.820	-160.431	1014.7	-9.0
75	71.651	-161.637	994.7	-21.4	107	71.818	-160.422	1013.9	-9.5
76	71.684	-161.385	1012.7	-17.9	108	71.818	-160.428	1012.1	-10.6
79	71.726	-161.159	1028.9	-17.4	109	71.818	-160.430	1015.2	-11.2
80	71.738	-161.123		-16.0	110	71.813	-160.507	1016.5	-11.4
81	71.760	-161.012	1030.0	-14.4	111	71.822	-160.841	1009.7	-11.5
82	71.746	-160.934		-15.1	112	71.894	-160.811	1008.2	-11.5
83	71.740	-160.972		-16.5	113	71.888	-160.751	1019.5	-11.3
84	71.734	-161.018	1029.0	-16.8	114	71.868	-160.861		-11.2*
89	71.668	-161.331	999.1	-17.8	115	71.957	-160.843	1012.6	-10.5*
90	71.669	-161.334	1009.1	-18.2	116	72.076	-160.231	1005.0	-8.5
					117	72.059	-160.045	1026.9	-9.5
					118	72.060	-160.048	1010.3	-10.7

BUOY (7408) LAT						BUOY(7408) LAT					
90 May		(N)	LON	P	T	90 Jun		(N)	LON	P	T
			(+E,-W)	(MB)	(C)				(+E,-W)	(MB)	(C)
126	6	71.991	-159.324	1022.8	-6.1	155	4	72.906	-164.471	1018.2	0.8
127	7	72.018	-159.446	1017.5	-7.2	156	5	72.837	-164.417	1021.5	1.2
128	8	72.056	-159.650	1019.3	-4.8	157	6	72.765	-164.384	1017.5	0.9
134	14	72.161	-159.926	1015.8	1.3	158	7	72.699	-164.261	1007.0	0.9
135	15	72.167	-159.974	1017.3	0.7	159	8	72.663	-164.276	1012.0	0.8
136	16	72.204	-160.087	1016.7	1.1	160	9	72.645	-164.213	1009.0	-0.1
137	17	72.269	-160.269	1011.4	2.9	161	10	72.654	-164.125	1006.7	-0.6
138	18	72.349	-160.474	1008.6	2.6	162	11	72.692	-164.367		-1.2*
139	19	72.443	-160.759	1006.9	1.0	163	12	72.764	-164.486	1016.6	-0.1
140	20	72.523	-161.062	1006.9	0.0	164	13	72.750	-164.200	1018.9	0.9
141	21	72.603	-161.501	1006.8	-2.0	165	14	72.796	-163.861	1003.7	1.6
142	22	72.660	-161.924	1008.5	-2.6	166	15	72.862	-163.581	999.6	2.1
143	23	72.735	-162.197	1005.6	-1.1	169	18	72.945	-163.554	1001.3	1.4
144	24	72.815	-162.362	1004.4	0.4	170	19	73.093	-163.485	998.5	2.0
145	25	72.874	-162.396	1011.9	1.0	172	21	73.252	-163.599	1003.9	1.5*
146	26	72.925	-162.597	1013.7	2.1	173	22	73.326	-163.711	1001.7	1.4
147	27	72.951	-162.813	1014.5	2.4	174	23	73.363	-163.897	1003.4	1.1
148	28	72.911	-163.078	1013.9	0.9	175	24	73.420	-163.964	1004.5	1.5
149	29	72.842	-163.498	1016.1	0.6	176	25	73.499	-164.061	1009.5	1.9
150	30	72.876	-163.950	1017.2	0.2	177	26	73.581	-164.137		2.9*
151	31	72.989	-164.322	1016.5	0.5	178	27	73.657	-164.374	1015.5	3.3*
						179	28	73.737	-164.621	1016.0	2.6

BUOY(7408) LAT					
90 Jul		(N)	LON	P	T
			(+E,-W)	(MB)	(C)
183	2	73.877	-165.271	1019.7	2.9
184	3	73.878	-165.385	1021.0	3.2
185	4	73.892	-165.631	1018.1	2.1
186	5	73.922	-165.753	1015.2	3.7
187	6	73.934	-165.872	1010.2	3.7
188	7	73.868	-165.956	1014.9	1.1
189	8	73.810	-165.835	1018.4	0.8
190	9	73.812	-165.706	1017.1	0.3
191	10	73.880	-165.737	1013.1	-0.1
192	11	73.962	-166.003	1007.9	1.1
193	12	74.009	-166.278	1008.9	2.2
194	13	74.052	-166.542	1008.9	2.6
195	14	74.092	-166.760	1009.1	2.3
196	15	74.125	-166.811	1003.8	2.1
197	16	74.151	-166.879	998.2	1.8
198	17	74.095	-166.793	1009.3	1.3
199	18	74.139	-166.623	1007.9	1.3
200	19	74.114	-166.699	1012.8	1.6
201	20	74.112	-167.075	1009.8	2.1
202	21	74.127	-167.612	1015.2	1.4
203	22	74.168	-167.933	1016.7	1.3
204	23	74.176	-167.955	1012.1	1.8

BUOY(7410) 90 Jan					BUOY(7410) 90 Feb				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	81.651	-102.034	1007.5	-23.1	32	81.640	-102.080	1016.5	-32.5
2	81.640	-102.086	1004.8	-23.4	33	81.639	-102.087	1008.1	-31.6
3	81.637	-102.086	999.6	-21.8	34	81.642	-102.071	998.2	-30.8
4	81.639	-102.099	997.4	-19.7	35	81.640	-102.067		-32.3
5	81.638	-102.088	991.5	-20.2	36	81.640	-102.069	1000.6	-31.4
6	81.639	-102.087	993.2	-20.5	37	81.637	-102.090	1000.0	-34.8
7	81.640	-102.093	990.8	-20.1*	38	81.641	-102.072	997.7	-35.4
8	81.641	-102.080	993.7	-20.6	39	81.650	-102.035	984.1	-32.7*
9	81.639	-102.094	999.6	-21.8	42	81.719	-102.196	1001.9	-37.8
10	81.641	-102.086	1003.0	-22.9	43	81.723	-102.202	1013.0	-38.9*
11	81.644	-102.082	1012.0	-27.2	44	81.720	-102.196	1018.2	-37.1*
12	81.647	-102.062	1017.1	-26.5	45	81.717	-102.202	1009.0	-34.6
13	81.646	-102.074	1015.4	-27.2	46	81.717	-102.203	1016.9	-37.7
14	81.645	-102.071	1012.6	-26.9	47	81.715	-102.198	1016.0	-38.0*
15	81.645	-102.067	1007.4	-25.6*	48	81.717	-102.189	1006.0	-33.4*
16	81.641	-102.088	1008.0	-27.2	49	81.717	-102.193	1000.7	-30.7
17	81.642	-102.080	1015.1	-28.5	50	81.716	-102.204	996.9	-30.4
18	81.643	-102.088	1020.1	-26.5	51	81.718	-102.195	990.7	-28.3
19	81.642	-102.076	1011.4	-27.9	52	81.717	-102.199	993.9	-25.0
20	81.639	-102.071	1008.9	-29.4	53	81.717	-102.204	1001.3	-27.7
21	81.641	-102.062	995.4	-27.2	54	81.716	-102.179	1009.1	-32.2
22	81.640	-102.084	999.3	-30.9	55	81.718	-102.196	1008.8	-30.1
23	81.641	-102.065	1001.5	-31.9*	56	81.718	-102.201	1013.9	-30.5
24	81.641	-102.076	1018.4	-32.4	58	81.720	-102.181	1010.4	-31.0
25	81.642	-102.076	1018.7	-30.6	59	81.717	-102.196	1002.1	-28.7*
26	81.640	-102.046	1022.1	-32.0					
27	81.640	-102.070	1019.5	-29.8					
28	81.641	-102.080	1015.5	-28.6					
29	81.642	-102.074	1018.8	-26.2					
30	81.641	-102.075	1022.2	-27.0					
31	81.639	-102.086	1021.9	-30.5					

BUOY(7410) 90 Mar					BUOY(7410) 90 Apr				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	81.715	-102.178		-32.1*	91	81.903	-101.435	1016.8	-23.9
61	81.714	-102.178	1009.7	-34.7	92	81.896	-101.427	1016.2	-24.8
62	81.718	-102.202	1007.5	-34.1	93	81.898	-101.432	1013.7	-26.8
63	81.716	-102.201	1017.4	-34.6	94	81.900	-101.419	1021.5	-26.4
64	81.716	-102.194	1019.6	-34.5	95	81.923	-101.357	1011.8	-22.9
65	81.807	-102.059	992.8	-28.0	96	81.973	-101.169	1003.3	-19.7
66	81.846	-101.670	1003.1	-27.2	97	81.961	-101.163	1008.1	-20.7
67	81.849	-101.665	1008.3	-31.0	98	81.958	-101.152	1009.8	-21.5
68	81.846	-101.652	1014.5	-32.4	99	81.956	-101.086	1004.2	-18.2
69	81.848	-101.657	1019.9	-34.2	100	81.949	-101.091	976.7	-15.5
70	81.848	-101.641	1017.8	-33.5	101	81.924	-101.105	991.3	-19.1
71	81.852	-101.649	1020.6	-32.1	102	81.924	-101.103	995.7	-21.6
72	81.862	-101.636	1015.7	-29.6	103	81.924	-101.108	1000.1	-20.4*
73	81.887	-101.631	1004.6	-26.7	104	81.921	-101.106	1000.3	-22.2*
74	81.898	-101.641	1006.2	-24.7	105	81.923	-101.099	1007.6	-23.1
75	81.899	-101.605	1014.4	-28.6	106	81.924	-101.110	1017.5	-23.8
76	81.897	-101.620	1013.3	-31.9	107	81.922	-101.092	1020.4	-24.1
77	81.894	-101.605	1005.5	-33.2	108	81.923	-101.099	1014.3	-23.3
78	81.881	-101.549	1000.4	-32.3	109	81.923	-101.115	1012.5	-21.2
79	81.878	-101.538	1007.3	-32.4	110	81.922	-101.104		-19.4
80	81.867	-101.538	1014.4	-31.1	111	81.924	-101.105	1013.4	-18.9
81	81.866	-101.533		-29.3	112	81.923	-101.109	1029.2	-18.9
82	81.866	-101.545	1008.0	-30.5	113	81.924	-101.098	1028.9	-19.9
83	81.866	-101.535	1020.7	-30.1*	114	81.925	-101.098	1030.0	-20.2
84	81.864	-101.541	999.3	-30.6*	115	81.926	-101.101	1026.6	-20.4
87	81.874	-101.486	990.4	-25.9	116	81.973	-100.830	1007.8	-19.4
88	81.874	-101.490	1004.6	-27.7	117	82.042	-100.463	993.3	-16.3
89	81.876	-101.488	1018.2	-27.1	118	82.039	-100.448		-17.1
90	81.893	-101.457	1017.2	-25.2					

BUOY (7410) 90 May					BUOY (7410) 90 Jun						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
125	5	82.264	-98.651	997.6	-11.6	152	1	82.259	-98.491	1012.1	-4.8
128	8	82.255	-98.572	1021.1	-10.7	155	4	82.259	-98.487	988.3	-4.1*
132	12	82.254	-98.571	1020.3	-10.6	156	5	82.260	-98.500	994.9	-4.5
133	13	82.253	-98.575	1019.2	-9.6	157	6	82.261	-98.515	1001.8	-4.6
134	14	82.254	-98.571	1014.3	-10.4	158	7	82.261	-98.514	1012.1	-4.2
135	15	82.252	-98.580	1015.3	-10.6	159	8	82.256	-98.754	1009.8	-3.7
136	16	82.255	-98.571	1021.4	-11.0	160	9	82.257	-99.096	1005.3	-3.4
137	17	82.257	-98.589	1025.1	-10.5	161	10	82.267	-99.527	1006.3	-2.6
138	18	82.254	-98.568	1025.2	-9.0	162	11	82.278	-99.591	1013.8	-2.0
139	19	82.265	-98.492		-9.4	163	12	82.253	-99.769	1011.7	-1.7
140	20	82.264	-98.485	1019.7	-9.8	164	13	82.214	-99.947	1010.9	-2.5
141	21	82.267	-98.473	1020.0	-8.2	165	14	82.208	-99.744	1008.0	-2.8
142	22	82.265	-98.488	1012.2	-8.9	166	15	82.213	-99.471	1014.0	-2.7
143	23	82.265	-98.480	1019.6	-8.6	169	18	82.207	-99.494	1015.4	-1.7
144	24	82.263	-98.469	1024.1	-8.0	170	19	82.216	-99.491	1014.9	-0.8
145	25	82.263	-98.484	1018.7	-6.3	172	21	82.231	-99.466	1020.0	0.7
146	26	82.271	-98.453	1018.1	-5.5	173	22	82.232	-99.431	1025.3	1.5
147	27	82.263	-98.500	1016.8	-5.6	174	23	82.236	-99.399	1026.2	1.5
148	28	82.264	-98.488	1011.2	-4.7	175	24	82.230	-99.570	1024.4	1.0
149	29	82.263	-98.485	1012.7	-4.1	176	25	82.228	-99.646	1022.0	1.1
150	30	82.260	-98.493	1016.5	-4.9	180	29	82.214	-99.441	1020.8	3.0*
151	31	82.259	-98.499	1022.0	-4.6						

BUOY (7410) 90 Jul					
LAT (N)	LON (+E,-W)	P (MB)	T (C)		
185	4	82.220	-99.187	1008.4	1.6
186	5	82.216	-99.148	1013.6	1.6
187	6	82.224	-99.000	1004.0	1.5
188	7	82.227	-98.783	997.6	1.2
189	8	82.252	-98.388	1001.2	1.0
190	9	82.263	-97.869	1003.5	0.9
191	10	82.276	-97.690	1004.8	0.7
192	11	82.269	-97.623	1009.7	0.5

BUOY (7412) 90 Jan					BUOY (7412) 90 Feb				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	83.626	-97.321	1011.8	-25.4	32	83.386	-99.409	1016.6	-36.3
2	83.556	-97.853	1007.4	-23.3	33	83.384	-99.375	1006.9	-33.7*
3	83.553	-97.865	1001.6	-20.7	34	83.375	-99.331	997.5	-34.4
4	83.502	-98.367	1000.6	-20.9	35	83.386	-99.405		-38.5
5	83.441	-98.804	994.8	-23.1	36	83.388	-99.409		-41.5*
6	83.372	-99.456	994.7	-20.9	37	83.384	-99.406	1001.8	-42.0*
7	83.350	-99.713	989.8	-19.9	38	83.385	-99.372	991.9	-37.5*
8	83.359	-99.674	992.8	-19.7	39	83.445	-98.990	983.0	-33.9
9	83.358	-99.675	998.8	-24.3	40	83.532	-98.931	991.7	-37.2
10	83.359	-99.646	1001.4	-25.7	41	83.517	-99.176	999.2	-40.7*
11	83.403	-99.543	1010.3	-31.0	45	83.478	-99.122	1009.2	-38.1
12	83.434	-99.145	1015.8	-31.9	46	83.478	-99.129	1016.4	-41.2*
13	83.435	-99.124	1015.0	-33.4	47	83.478	-99.126	1015.4	-40.9*
14	83.434	-99.124	1011.9	-28.9	48	83.478	-99.121	1007.6	-37.3
15	83.429	-99.139	1008.3	-31.3	49	83.478	-99.115		-36.9*
16	83.418	-99.138	1007.2	-29.4	50	83.478	-99.118	998.3	-34.7*
17	83.400	-99.145	1012.8	-26.7	51	83.479	-99.101	992.3	-26.4
18	83.398	-99.156	1017.2	-27.8	52	83.478	-99.116	992.4	-23.6
19	83.398	-99.115	1008.7	-31.6	53	83.480	-99.129	1003.0	-30.9
20	83.395	-99.121	1007.1	-33.2	54	83.477	-99.118	1006.1	-33.1
21	83.396	-99.121	998.4	-30.5	55	83.480	-99.118	1008.8	-30.7
22	83.394	-99.122	1001.1	-40.0	56	83.476	-99.113	1014.1	-33.9
23	83.397	-99.118	997.0	-37.8	57	83.476	-99.108	1014.5	-35.6
24	83.400	-99.105	1017.4	-35.7	58	83.482	-99.116	1010.0	-34.8
25	83.412	-99.085	1018.6	-31.6	59	83.479	-99.100	1003.4	-34.6
26	83.402	-99.140	1020.1	-35.6					
27	83.400	-99.189	1022.2	-30.8					
28	83.388	-99.405	1020.7	-26.8					
29	83.386	-99.423	1022.4	-26.5					
30	83.386	-99.412	1023.1	-28.0					
31	83.383	-99.399	1023.3	-34.0					

BUOY (7412) 90 Mar					BUOY (7412) 90 Apr				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	83.477	-99.111	1005.6	-34.4	91	83.784	-95.084	1017.4	-24.4
61	83.476	-99.115	1007.5	-38.5	92	83.779	-95.074	1017.7	-25.8
62	83.477	-99.131	1006.4	-40.1	93	83.780	-95.070	1012.1	-27.9
63	83.478	-99.107	1014.2	-41.2	94	83.787	-94.689	1018.5	-27.2
64	83.490	-98.819	1019.1	-39.3	95	83.824	-94.058	1010.0	-23.8
65	83.572	-98.760	991.2	-30.3	96	83.872	-93.430	1002.9	-20.5
66	83.616	-97.757	997.8	-28.2	97	83.867	-93.429	1007.6	-21.7
67	83.638	-97.275	1004.3	-32.2	98	83.865	-93.274	1006.3	-22.2
68	83.640	-97.276	1012.1	-34.4	99	83.850	-92.819	998.1	-19.5
69	83.642	-97.277	1018.0	-35.5	100	83.849	-92.796	981.0	-18.5
70	83.637	-97.273	1015.5	-34.8	101	83.813	-92.982	990.9	-20.9
71	83.641	-97.274	1020.5	-35.4	102	83.812	-93.000	993.1	-21.7
72	83.658	-97.269	1016.1	-32.2	103	83.805	-92.989		-20.7
73	83.703	-97.217	1007.0	-28.9	104	83.807	-92.985	996.7	-21.2
74	83.713	-97.212	1004.6	-25.1	105	83.809	-92.980	1007.2	-21.8
75	83.712	-97.168	1013.9	-31.3	106	83.811	-92.988	1018.2	-21.9
76	83.711	-97.192	1012.5	-35.6	107	83.809	-92.983	1019.9	-22.1
77	83.704	-97.163	1004.8	-36.4	108	83.809	-92.987		-21.6
78	83.682	-97.099	998.7	-35.6	109	83.808	-92.989	1008.0	-19.9
79	83.676	-97.121	1009.5	-36.3	110	83.806	-92.981	997.3	-18.8
80	83.657	-97.160	1013.8	-32.9	111	83.809	-92.973	1008.5	-18.1
81	83.656	-97.139	1021.2	-30.9	112	83.808	-92.982	1028.6	-17.7*
82	83.658	-97.146	1011.4	-31.5	113	83.813	-92.931	1028.7	-17.5
83	83.655	-97.145	1020.7	-32.3	114	83.817	-92.908	1028.8	-17.8
84	83.655	-97.118	998.3	-32.5	115	83.817	-92.911	1024.9	-17.6
87	83.694	-96.656	987.4	-28.5	116	83.871	-92.340	1006.3	-18.0
88	83.734	-96.146	1001.2	-28.9	117	83.954	-91.407	991.4	-16.1
89	83.730	-95.945	1015.7	-27.1	118	83.962	-91.324	994.4	-16.6
90	83.770	-95.337	1014.8	-25.0					

BUOY (7412) LAT 90 May				LON (+E, -W)	P (MB)	T (C)	BUOY (7412) LAT 90 Jun				
		(N)						LON (+E, -W)	P (MB)	T (C)	
122	2	84.131	-89.533	998.7	-15.1	152	1	84.338	-85.152	1009.7	-4.3
123	3	84.196	-88.986	988.4	-13.9	155	4	84.341	-85.236	989.1	-2.8
124	4	84.274	-87.798	988.7	-11.5	156	5	84.351	-85.333	996.9	-3.0
125	5	84.292	-86.945		-11.8	157	6	84.346	-85.397	1002.7	-3.6
126	6	84.288	-86.870	1015.0	-12.6	158	7	84.349	-85.218	1012.6	-3.3
127	7	84.293	-86.791	1016.4	-12.3	159	8	84.347	-85.227	1014.6	-2.5
128	8	84.281	-86.652	1015.7	-11.4	160	9	84.353	-85.869	1010.0	-2.1
129	9	84.272	-86.663	1028.3	-11.8	161	10	84.367	-86.717	1009.0	-1.1
130	10	84.273	-86.652	1014.7	-11.3*	162	11	84.361	-86.795	1014.5	-0.9
131	11	84.271	-86.677	1010.2	-10.9*	163	12	84.338	-86.819	1013.8	-0.3
134	14	84.274	-86.659	1013.2	-10.3	164	13	84.304	-86.951	1010.7	-1.3
135	15	84.274	-86.654	1013.9	-10.2	165	14	84.303	-86.810	1008.4	-1.3
136	16	84.277	-86.631	1018.6	-10.1	166	15	84.310	-86.568	1013.8	-1.0
137	17	84.281	-86.535	1022.9	-8.9	167	16	84.318	-86.428	1017.8	-0.4
138	18	84.279	-86.466	1022.3	-8.3	168	17	84.316	-86.477	1019.4	-0.1
139	19	84.313	-85.835	1027.6	-8.1	169	18	84.310	-86.612	1017.8	0.1
140	20	84.320	-85.702	1022.8	-8.1	170	19	84.309	-86.624	1016.8	0.1
141	21	84.320	-85.700	1020.7	-6.7	171	20	84.313	-86.561	1016.2	0.6
142	22	84.327	-85.575	1011.1	-6.5	172	21	84.315	-86.517	1020.5	1.4
143	23	84.344	-85.250	1017.0	-6.5	173	22	84.318	-86.462	1025.1	1.7
144	24	84.345	-85.171	1021.9	-6.4	174	23	84.321	-86.439	1027.6	2.3
145	25	84.343	-85.158	1017.9	-5.4	175	24	84.324	-86.636	1027.3	1.4
146	26	84.346	-85.170	1015.5	-4.7	176	25	84.322	-86.825	1023.8	1.6
147	27	84.346	-85.171	1013.9	-4.8	177	26	84.319	-86.859	1025.3	2.0
148	28	84.344	-85.177	1011.6	-4.2	178	27	84.315	-86.806	1022.2	2.3
149	29	84.343	-85.171	1011.0	-4.1	179	28	84.309	-86.603	1019.3	2.4
150	30	84.342	-85.179	1013.2	-4.4	180	29	84.305	-86.535	1020.7	2.4
151	31	84.338	-85.172	1018.0	-4.3	181	30	84.308	-86.378	1011.8	2.1

BUOY (7412) LAT 90 Jul				LON (+E, -W)	P (MB)	T (C)	BUOY (7412) LAT 90 Aug				
		(N)						LON (+E, -W)	P (MB)	T (C)	
182	1	84.304	-86.107	1010.1	1.9	213	1	84.727	-80.349	1007.0	0.4
183	2	84.307	-85.777	1009.6	1.6	214	2	84.790	-81.351	1011.1	0.4
184	3	84.306	-85.395	1010.8	1.8	215	3	84.841	-82.566	1014.8	0.3
185	4	84.319	-85.039	1005.3	1.6	216	4	84.822	-83.529	1018.0	0.8
186	5	84.318	-84.900	1009.5	1.7	219	7	84.669	-84.051	1012.6	1.0
187	6	84.331	-84.636	1002.7	1.6	220	8	84.566	-83.808	1007.0	0.7
188	7	84.355	-84.072	997.6	1.4	221	9	84.450	-83.188	1011.3	0.3
189	8	84.392	-83.147	997.2	1.0	222	10	84.388	-82.621	1012.5	-0.5
190	9	84.440	-81.746	998.1	0.8	223	11	84.378	-82.076	1008.5	-1.4
191	10	84.482	-80.705	995.6	0.5	224	12	84.399	-81.602	1004.5	0.0
192	11	84.469	-80.481	1004.5	0.4	225	13	84.420	-81.401	1011.6	0.8
193	12	84.480	-79.686	993.2	0.7	226	14	84.410	-81.576	1020.0	0.0
194	13	84.454	-79.465	1002.3	0.5	227	15	84.404	-81.637	1026.9	1.1*
195	14	84.451	-79.470	1011.0	1.2	228	16	84.398	-81.661	1027.7	-1.1
196	15	84.455	-79.407	1013.4	1.4	229	17	84.389	-81.761	1021.2	-1.0
197	16	84.454	-79.373	1021.4	0.5	230	18	84.381	-82.047	1016.2	-1.3
198	17	84.485	-79.357	1017.5	-0.5	231	19	84.379	-82.091	1021.1	-2.3
199	18	84.556	-79.506	1007.1	0.3	232	20	84.381	-82.969	1009.0	-1.7
200	19	84.561	-79.224	1004.1	1.8	233	21	84.348	-84.188	1006.1	0.2
201	20	84.589	-78.793	1007.2	1.8	234	22	84.319	-84.962	1007.3	-0.6
202	21	84.602	-79.154	1000.1	1.6	235	23	84.287	-85.605	1015.6	-1.4
203	22	84.624	-79.312	1000.0	1.5	236	24	84.251	-86.321	1016.2	-2.4
204	23	84.644	-79.609	1002.4	2.5	237	25	84.217	-86.610	1015.4	-3.2
205	24	84.642	-79.688	1008.8	2.0	238	26	84.181	-86.555	1012.7	-5.4
206	25	84.658	-79.996	1006.2	0.8	239	27	84.163	-86.406	1009.4	-4.4
207	26	84.672	-80.151	1005.5	1.0	240	28	84.158	-86.421	1008.2	-5.2
208	27	84.670	-80.021	1007.9	1.4	241	29	84.159	-86.580	1010.6	-6.2
209	28	84.689	-79.342	1013.1	1.3	242	30	84.153	-86.663	1011.9	-8.2
210	29	84.711	-79.161	1014.5	1.8	243	31	84.147	-86.686	1010.3	-8.6
211	30	84.722	-79.425	1011.9	1.2						
212	31	84.715	-79.660	1012.4	1.0						

BUOY (7412) 90 Sep					BUOY (7412) 90 Oct						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
244	1	84.144	-86.560	1012.7	-5.5	274	1	84.078	-85.577	1006.1	-15.6
245	2	84.136	-86.613	1016.5	-4.3	275	2	84.099	-85.203	1010.0	-17.0
246	3	84.135	-86.460	1014.3	-3.9	276	3	84.138	-84.690	1010.6	-16.8
247	4	84.143	-86.412	1007.7	-3.9	277	4	84.149	-84.024	1014.5	-16.3
248	5	84.137	-86.695	1009.7	-4.6	278	5	84.165	-83.673	1015.7	-20.7
249	6	84.135	-86.916	1002.7	-7.3	279	6	84.180	-83.528	1017.4	-23.4
250	7	84.119	-87.072	1002.4	-13.7	280	7	84.179	-83.512	1015.1	-26.0
252	9	84.083	-87.474	1006.9	-15.4	281	8	84.166	-83.544	1011.5	-25.3
253	10	84.019	-87.639	984.4	-8.2	282	9	84.161	-83.366	1009.7	-20.3
254	11	84.011	-86.800	995.8	-6.5	283	10	84.167	-83.376	1017.6	-20.9
255	12	84.074	-86.080	1015.1	-5.1	286	13	84.113	-84.076	1005.7	-21.6
256	13	84.081	-86.087	1014.8	-6.1	287	14	84.079	-84.090	1006.8	-20.0
257	14	84.081	-85.999	1012.3	-7.1	288	15	84.079	-84.064	1018.2	-18.9
258	15	84.078	-86.051	1011.5	-9.3	289	16	84.087	-83.863	1017.4	-19.2
259	16	84.045	-86.435	1014.7	-7.0	290	17	84.110	-83.712	1008.5	-21.1
260	17	84.019	-86.550	1019.3	-5.1	291	18	84.123	-83.360	1003.6	-17.8
261	18	84.005	-86.557	1014.5	-6.8	292	19	84.126	-82.734	1008.4	-16.4
262	19	84.002	-86.385	1010.1	-5.8	293	20	84.154	-82.220	1009.8	-14.6
263	20	84.025	-85.941	1019.6	-7.1	294	21	84.201	-82.049	999.2	-16.1
264	21	84.031	-85.878	1019.5	-11.7	295	22	84.230	-81.981	999.6	-16.4
265	22	84.030	-85.904	1019.3	-14.9	296	23	84.222	-82.086	1011.0	-17.4
266	23	84.044	-85.889	1016.3	-19.1						
267	24	84.050	-85.882	1015.3	-14.9						
268	25	84.062	-85.880	1012.1	-8.7						
269	26	84.065	-85.984		-8.3						
270	27	84.070	-85.864	1005.6	-9.1						
271	28	84.101	-85.515	1012.6	-7.3						
272	29	84.106	-85.600	1007.5	-13.4						
273	30	84.094	-85.825	1004.1	-20.1						

BUOY(7425) 90 Jan				BUOY(7425) 90 Feb							
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
1	1	79.730	118.824								
2	2	79.771	118.481	1020.6	-24.0*	32	1	79.370	120.367	1026.5	-39.7*
3	3	79.790	118.368	1022.1	-28.3	33	2	79.377	120.301	1028.6	-41.0*
4	4	79.795	118.273	1019.3	-30.9	36	5	79.272	121.660	1010.0	-19.5*
5	5	79.803	118.246	1021.5	-30.0	37	6	79.183	122.109	1010.7	-14.1
6	6	79.806	118.068	1015.8	-31.4	38	7	79.162	122.410	1013.2	-22.8
7	7	79.817	117.932	1018.5	-24.9*	39	8	79.182	122.662	1017.4	-28.1
8	8	79.796	118.047	1024.2	-29.9	40	9	79.170	123.112	1020.6	-27.3
9	9	79.663	118.392	1013.8	-33.9	41	10	79.183	123.290	1025.0	-34.3
10	10	79.486	118.455	1009.6	-22.1	42	11	79.217	123.349	1026.4	-33.1*
11	11	79.392	118.620	1003.4	-21.7	43	12	79.262	123.302	1025.6	-32.9
12	12	79.332	118.647		-19.7	44	13	79.292	123.149	1023.0	-36.0
13	13	79.266	118.523	1009.6	-28.1	45	14	79.313	122.986	1021.4	-39.0
14	14	79.247	118.557	1018.3	-31.9	46	15	79.314	122.898	1019.0	-41.5*
15	15	79.242	118.717	1014.1	-34.0	47	16	79.301	122.751	1024.1	-40.8
16	16	79.252	118.804	1023.9	-31.4	48	17	79.287	122.836	1031.4	-39.1
17	17	79.267	118.923	1028.3	-39.3*	49	18	79.281	123.139	1023.5	-28.1*
18	18	79.314	119.486	1024.3	-38.0*	50	19	79.293	123.483	1005.5	-25.3*
19	19	79.283	119.859	1030.7	-23.7	51	20	79.302	123.516	1009.6	-31.8
20	20	79.261	119.974	1033.1	-16.9*	52	21	79.305	123.481	1011.6	-34.0
21	21	79.257	120.129	1034.3	-28.1	53	22	79.337	123.392		-34.4
22	22	79.242	120.349	1038.3	-23.9	54	23	79.447	123.314	1004.2	-32.2
23	23	79.242	120.508	1042.7	-26.0	55	24	79.569	123.100	996.8	-28.1
24	24	79.231	120.627	1045.4	-32.4	56	25	79.657	122.870	989.2	-20.6
25	25	79.217	120.749	1041.4	-34.0	57	26	79.686	122.793	989.1	-21.9*
26	26	79.204	120.568	1032.7	-28.3	58	27	79.687	122.896	992.3	-29.4
27	27	79.224	120.531	1037.0	-20.8						
28	28	79.259	120.566	1037.8	-29.2						
29	29	79.318	120.603		-35.5						
30	30	79.358	120.592	1033.2	-37.7						
31	31	79.370	120.478	1029.3	-39.4*						
					-36.6						

BUOY(7425) 90 Mar				BUOY(7425) 90 Apr							
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
60	1	79.686	123.056	1003.9	-23.3*	104	14	80.108	125.535	988.9	-10.6*
61	2	79.695	123.149	998.7	-24.5						
62	3	79.779	123.369	986.6	-19.0						
63	4	79.837	123.601	984.9	-19.9						
64	5	79.819	123.896	993.7	-28.5						
65	6	79.845	123.817	986.0	-32.0						
66	7	79.863	123.637	989.4	-30.4						
67	8	79.868	123.532	996.6	-32.3						
68	9	79.884	123.525	1001.7	-32.2						
69	10	79.935	123.411	995.0	-26.6						
70	11	79.965	123.207	993.9	-28.0						
73	14	79.952	122.552	993.5	-34.4						
78	19	79.892	123.076		-31.8*						
80	21	79.928	122.966	1018.8	-31.5						
81	22	79.942	122.812	1007.2	-29.3*						
82	23	79.976	122.741	1002.5	-33.0						
83	24	79.993	122.676	1002.5	-31.1*						
84	25	79.944	122.468	993.5	-23.7						
85	26	79.867	122.589	1011.5	-32.9						
86	27	79.868	123.006		-29.3						
89	30	80.020	123.915	975.4	-21.7*						

BUOY (7425) 90 May					BUOY (7425) 90 Jun						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
135	15	80.635	128.391	986.9	-3.6	155	4	81.468	125.791	1017.0	0.7
136	16	80.712	128.473	995.9	-6.1	156	5	81.471	125.985	1023.0	-0.3
137	17	80.721	128.265	993.1	-4.7	157	6	81.464	125.915	1019.2	-0.3
138	18	80.703	127.909	990.7	-3.4	158	7	81.451	125.864	1019.4	1.5
139	19	80.650	127.320	987.7	-0.9	159	8	81.435	125.854	1013.7	0.5
140	20	80.694	126.989	992.2	-2.9	160	9	81.378	125.723	1021.2	0.6
141	21	80.796	126.826		-4.8*	161	10	81.391	125.834	1021.2	1.4
142	22	80.841	126.900	991.3	-3.5	162	11	81.446	126.369	1010.1	1.6
145	25	80.889	126.590	994.2	-4.0	163	12	81.455	126.267	1002.1	1.5
146	26	80.938	126.436	992.9	-2.4	164	13	81.415	126.025	1004.2	0.6
147	27	81.019	126.293	998.9	-3.0	165	14	81.325	125.779	1010.5	-1.8
148	28	81.074	126.112	1005.0	-3.2	166	15	81.261	125.566	1009.7	-1.2
149	29	81.200	125.727	998.3	0.6	167	16	81.172	125.391	1007.7	0.3
150	30	81.326	125.319	997.7	1.5	168	17	81.151	125.092	1007.0	1.5
151	31	81.415	124.679	989.9	0.7	169	18	81.159	124.522	1013.7	1.8
						170	19	81.128	124.158	1013.9	2.2
						171	20	81.106	123.929	1014.0	1.7
						172	21	81.084	123.715	1014.2	2.5
						173	22	81.072	123.364	1014.8	1.7
						174	23	81.041	123.015	1014.2	2.1
						175	24	80.987	122.725		1.1*
						176	25	80.929	122.280	1009.2	1.6
						177	26	80.871	121.699	1006.4	1.7
						178	27	80.836	121.382	1003.7	1.6
						179	28	80.843	121.449	1002.2	1.8
						180	29	80.877	121.761	1008.7	1.0
						181	30	80.972	122.263	1002.4	2.3

BUOY (7425) 90 Jul					BUOY (7425) 90 Aug						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
182	1	81.038	122.743	1003.7	2.6	213	1	80.363	123.057	1014.0	2.1
183	2	81.018	122.740	1006.7	1.1	214	2	80.440	122.869	1013.2	1.7
184	3	80.963	122.758	1011.1	1.8	215	3	80.604	122.528	1009.0	1.3
185	4	80.932	123.014	1008.5	2.1	216	4	80.721	122.591	1014.7	1.5
186	5	80.891	123.276	1006.4	0.9	217	5	80.848	122.540	1009.5	1.3
187	6	80.782	123.394	1015.6	-0.3	218	6	80.922	122.641		1.7
188	7	80.755	123.658	1011.7	1.7	219	7	80.981	123.097	1011.9	2.3
189	8	80.722	123.768	1009.3	1.4	220	8	81.043	123.542	1005.0	1.3
190	9	80.693	124.089	1010.2	1.5	221	9	81.056	123.593	1005.7	0.7
191	10	80.764	124.442	1010.5	1.6	222	10	81.031	123.302	1005.2	0.8
192	11	80.802	124.869	1013.0	2.1	223	11	80.978	123.657	1011.5	0.9
193	12	80.871	125.468	1000.7	1.4	224	12	81.050	124.078	1009.9	1.4
194	13	80.825	125.360	1007.7	1.7	225	13	81.136	123.972	999.5	1.1
195	14	80.751	125.109	1016.9	0.8	226	14	81.204	124.119	1005.6	0.6
196	15	80.670	125.028	1015.8	1.0	227	15	81.256	123.981	1009.5	1.7
197	16	80.652	124.848	1010.5	1.0	228	16	81.262	123.709	1010.1	1.3
198	17	80.524	124.215	1011.4	0.8	229	17	81.337	123.222	1017.9	1.5
199	18	80.446	123.866	1009.6	1.1	230	18	81.382	122.614	1019.5	1.5
200	19	80.382	123.525	1018.9	0.4	233	21	81.653	120.624	1015.1	1.2
201	20	80.347	123.595	1018.2	1.4	234	22	81.756	120.357	1019.9	1.6
202	21	80.325	123.689	1024.0	1.8	235	23	81.798	120.102	1018.7	0.9
203	22	80.319	123.669	1029.4	2.0	236	24	81.847	119.784	1010.3	0.9
204	23	80.265	123.615	1026.7	1.6	237	25	81.934	119.692	1008.9	1.0
205	24	80.191	123.628	1024.3	0.9	238	26	81.975	119.033	999.3	0.3
206	25	80.162	123.561	1025.6	1.8	239	27	81.963	118.141	1001.0	1.1
207	26	80.179	123.648	1024.4	1.5	240	28	81.927	117.789	1014.7	0.7
208	27	80.221	123.917	1020.5	1.2	241	29	81.842	117.474	1022.7	-3.7
209	28	80.257	124.097	1011.7	1.3	242	30	81.771	117.453	1025.8	-0.7
210	29	80.277	123.557	1000.0	1.4	243	31	81.713	117.431	1026.2	-0.1
211	30	80.355	123.307	1002.2	1.7						
212	31	80.385	123.147	1009.7	2.0						

BUOY (7425) LAT						BUOY (7425) LAT					
90 Sep						90 Oct					
		(N)	(+E,-W)	(MB)	(C)			(N)	(+E,-W)	(MB)	(C)
244	1	81.728	117.693	1015.2	-0.5	274	1	81.146	123.871	1014.3	-11.7
245	2	81.875	117.844	1016.8	0.9	275	2	81.128	123.925	1015.7	-14.7*
246	3	81.936	117.877	1027.2	-1.3	276	3	81.112	124.224	1014.3	-9.4
247	4	81.958	118.248	1021.5	-6.2	277	4	81.086	124.877	1009.9	-11.1
248	5	81.960	118.530	1026.8	-5.8	283	10	80.798	126.155	1006.6	-10.9
249	6	81.933	118.796	1024.9	-5.9	284	11	80.835	125.944	1008.9	-14.6*
250	7	81.865	119.230	1023.0	-2.1	285	12	80.801	125.360	1005.8	-12.3
251	8	81.796	119.780	1023.3	-1.4*	286	13	80.782	124.730	1006.4	-14.7
254	11	81.484	121.100	1016.6	0.2	287	14	80.720	124.318	1010.6	-16.4
255	12	81.295	121.890	1014.8	0.7	288	15	80.683	123.938	1014.7	-14.9
256	13	81.239	121.643	1025.2	-1.4	289	16	80.664	123.594	1013.8	-16.5
259	16	81.163	121.864	1021.7	-1.3	290	17	80.622	123.608	1015.9	-19.1*
260	17	81.247	122.010	1018.3	0.5	291	18	80.666	124.737	990.9	-8.7
261	18	81.399	122.306	1019.1	1.0	292	19	80.591	126.019	999.8	-7.6
262	19	81.424	122.884	1031.4	0.1	293	20	80.569	126.606	1006.5	-15.8
263	20	81.410	123.182	1034.8	-0.6	296	23	80.663	126.888	1006.4	-27.4
264	21	81.356	123.679	1030.6	-2.6	299	26	80.838	126.919	1000.9	-17.4*
265	22	81.292	123.828	1028.5	-1.6	300	27	80.946	126.755	1001.4	-14.0
266	23	81.254	123.988	1023.3	-4.1						
267	24	81.178	124.338	1017.9	-2.6						
270	27	81.150	123.993	1015.1	-11.0						
271	28	81.138	124.090	1011.5	-16.0						
272	29	81.160	124.092	1012.1	-12.4						
273	30	81.166	124.016	1012.3	-10.8						

BUOY (7425) LAT					BUOY (7425) LAT						
90 Nov					90 Dec						
		(N)	(+E,-W)	(MB)	(C)			(N)	(+E,-W)	(MB)	(C)
305	1	80.979	125.933	1008.3	-32.3	335	1	81.815	122.010	1017.3	-32.4
306	2	80.974	125.893	1011.8	-33.8	336	2	81.850	121.790	1008.4	-34.0
307	3	80.948	125.918	1012.1	-33.0	337	3	81.877	121.375	1002.7	-30.4
308	4	80.923	125.955	1013.7	-33.9	338	4	81.891	120.930	1004.8	-28.7
309	5	80.900	125.969	1019.7	-36.1	339	5	81.898	120.588	1008.7	-34.9*
310	6	80.896	126.170	1022.7	-31.4	340	6	81.898	120.390	1010.5	-38.5*
313	9	80.997	127.739	1021.0	-23.2	341	7	81.909	120.069	1015.8	-38.5
316	12	81.185	126.898	1002.1	-18.4	344	10	82.031	119.422	999.0	-38.2
317	13	81.267	126.184	1004.2	-18.3	345	11	82.072	118.850	1003.5	-38.2*
318	14	81.337	125.510	1008.3	-20.8	349	15	82.096	118.240	995.1	-37.4*
319	15	81.379	125.117	1012.9	-22.7	350	16	82.168	117.373	989.0	-31.9
326	22	81.592	123.471	999.2	-32.0	351	17	82.207	116.612	998.6	-31.0
327	23	81.575	123.250	992.5	-32.0	353	19	82.280	115.087	1000.0	-32.1*
328	24	81.500	123.276	1008.3	-22.4	354	20	82.258	114.705	995.7	-30.2
331	27	81.554	122.075	1016.3	-33.9	356	22	82.215	115.086	1017.5	-36.4
332	28	81.618	121.915	1013.8	-31.1	357	23	82.217	115.979	1014.3	-27.5
333	29	81.717	122.103	1012.6	-24.5	361	27	82.085	119.132	1026.1	-20.3
334	30	81.766	122.189	1020.5	-31.4	362	28	82.058	119.582	1032.6	-24.2
						363	29	82.060	119.814	1040.9	-24.5
						364	30	82.072	119.982		-24.6*

BUOY (8890)	LAT	LON	P	T	BUOY (8890)	LAT	LON	P	T
90 Mar	(N)	(+E, -W)	(MB)	(C)	90 May	(N)	(+E, -W)	(MB)	(C)
82	23	80.107	-140.271		122	2	80.378	-136.684	
83	24	80.082	-140.167		123	3	80.400	-136.184	
84	25	80.093	-139.903		124	4	80.403	-135.886	
85	26	80.101	-139.745		125	5	80.428	-135.470	
86	27	80.104	-139.688		126	6	80.429	-135.465	
87	28	80.097	-139.651		127	7	80.431	-135.451	
88	29	80.076	-139.653		128	8	80.440	-135.434	
89	30	80.102	-139.641		129	9	80.459	-135.406	
					130	10	80.486	-135.365	
					131	11	80.487	-135.369	
					132	12	80.487	-135.362	
					133	13	80.488	-135.368	
					134	14	80.487	-135.364	
					135	15	80.484	-135.342	
					136	16	80.476	-135.261	
					137	17	80.502	-135.194	
					138	18	80.551	-135.025	
					139	19	80.613	-134.777	
					140	20	80.658	-134.566	
					141	21	80.674	-134.483	
					142	22	80.667	-134.255	
					143	23	80.662	-134.101	
					144	24	80.695	-134.034	
					145	25	80.743	-134.050	
					146	26	80.751	-133.997	
					147	27	80.766	-133.974	
					148	28	80.770	-133.943	
					149	29	80.744	-133.953	
					150	30	80.681	-133.872	
					151	31	80.674	-133.464	

BUOY (8890)	LAT	LON	P	T
90 Jun	(N)	(+E, -W)	(MB)	(C)
152	1	80.697	-133.279	
155	4	80.651	-133.112	
156	5	80.597	-133.263	
157	6	80.574	-133.398	
158	7	80.577	-133.529	
159	8	80.593	-133.781	
160	9	80.576	-134.035	
161	10	80.568	-134.147	
162	11	80.540	-134.386	
163	12	80.522	-134.532	
164	13	80.528	-134.220	
165	14	80.564	-133.900	
166	15	80.646	-133.683	
167	16	80.712	-133.549	
168	17	80.716	-133.557	
169	18	80.718	-133.603	
170	19	80.717	-133.708	
171	20	80.715	-133.695	
172	21	80.738	-133.595	

BUOY (8891)	LAT	LON	P	T	BUOY (8891)	LAT	LON	P	T
90 Mar	(N)	(+E,-W)	(MB)	(C)	90 Apr	(N)	(+E,-W)	(MB)	(C)
84	25	80.264	-169.314		98	8	80.711	-166.385	
85	26	80.282	-169.120		99	9	80.790	-166.134	
86	27	80.239	-168.926		100	10	80.727	-165.983	
87	28	80.152	-168.457		101	11	80.688	-165.547	
88	29	80.138	-168.382		102	12	80.677	-165.580	
89	30	80.179	-168.483		103	13	80.675	-165.547	
					104	14	80.685	-165.546	
					105	15	80.717	-165.225	
					106	16	80.761	-165.177	
					107	17	80.825	-165.459	
					108	18	80.893	-165.940	
					109	19	80.905	-166.149	
					110	20	80.892	-166.087	
					111	21	80.904	-166.012	

BUOY (8892)	LAT	LON	P	T	BUOY (8892)	LAT	LON	P	T
90 Sep	(N)	(+E,-W)	(MB)	(C)	90 Oct	(N)	(+E,-W)	(MB)	(C)
271	28	81.625			274	1	81.661		110.801
272	29	81.639			275	2	81.626		110.902
273	30	81.665			276	3	81.588		111.398
					277	4	81.536		111.844
					278	5	81.448		112.302
					279	6	81.356		112.442
					280	7	81.341		112.401
					281	8	81.386		112.779
					282	9	81.397		112.879
					283	10	81.415		112.840
					284	11	81.447		112.716
					285	12	81.432		112.412
					286	13	81.403		111.831
					287	14	81.360		111.446
					288	15	81.354		111.136
					289	16	81.336		110.883
					290	17	81.316		111.185
					291	18	81.359		112.662
					292	19	81.284		113.923
					293	20	81.276		114.178
					294	21	81.254		114.185
					295	22	81.231		113.951
					296	23	81.238		113.932
					297	24	81.247		114.053
					298	25	81.239		113.948
					299	26	81.267		113.842
					300	27	81.344		113.568
					301	28	81.349		113.220
					302	29	81.326		113.000
					303	30	81.306		113.038
					304	31	81.317		113.008

BUOY (8892)	LAT	LON	P	T	BUOY (8892)	LAT	LON	P	T
90 Nov	(N)	(+E,-W)	(MB)	(C)	90 Dec	(N)	(+E,-W)	(MB)	(C)
305	1	81.316			335	1	81.913		110.467
306	2	81.305			336	2	81.943		110.181
307	3	81.270			337	3	81.961		109.740
308	4	81.230			338	4	81.968		109.284
309	5	81.193			339	5	81.967		109.010
310	6	81.206			340	6	81.966		108.886
311	7	81.254			341	7	81.969		108.755
312	8	81.264			342	8	81.986		108.500
313	9	81.299			343	9	82.028		108.232
314	10	81.364			344	10	82.083		107.894
315	11	81.438			345	11	82.112		107.264
316	12	81.474			346	12	82.105		106.993
317	13	81.516			347	13	82.103		106.987
318	14	81.526			348	14	82.101		106.973
319	15	81.552			349	15	82.118		106.734
320	16	81.565			350	16	82.160		105.753
321	17	81.582			351	17	82.165		104.970
322	18	81.610			354	20	82.180		103.032
323	19	81.636			355	21	82.157		103.069
324	20	81.677			356	22	82.143		103.441
325	21	81.724			357	23	82.155		104.397
326	22	81.751			358	24	82.135		105.052
327	23	81.717			359	25	82.092		106.276
328	24	81.656			360	26	82.062		107.293
329	25	81.631			361	27	82.080		108.230
330	26	81.638			362	28	82.069		108.640
331	27	81.670			363	29	82.081		108.853
332	28	81.729			364	30	82.106		109.054
333	29	81.810							
334	30	81.864							

BUOY (8893) 90 Sep	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(8893) 90 Oct	LAT (N)	LON (+E,-W)	P (MB)	T (C)
271	28	79.465			274	1	79.441		
272	29	79.461			275	2	79.406		
273	30	79.462			276	3	79.368		
					277	4	79.323		
					278	5	79.279		
					279	6	79.091		
					280	7	78.995		
					281	8	79.027		
					282	9	79.051		
					283	10	79.085		
					284	11	79.123		
					285	12	79.064		
					286	13	79.045		
					287	14	78.976		
					288	15	78.929		
					289	16	78.924		
					290	17	78.857		
					291	18	78.857		
					292	19	78.776		
					293	20	78.779		
					294	21	78.830		
					295	22	78.856		
					296	23	78.879		
					297	24	78.885		
					298	25	78.905		
					299	26	79.004		
					300	27	79.103		
					301	28	79.123		
					302	29	79.110		
					303	30	79.102		
					304	31	79.124		

BUOY (8893) 90 Nov	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY (8893) 90 Dec	LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	79.125			335	1	79.671		
306	2	79.119			336	2	79.723		
307	3	79.095			337	3	79.762		
308	4	79.063			338	4	79.773		
309	5	79.030			339	5	79.758		
310	6	79.024			340	6	79.740		
311	7	79.058			341	7	79.748		
312	8	79.077			342	8	79.753		
313	9	79.134			343	9	79.807		
314	10	79.212			344	10	79.887		
315	11	79.293			345	11	79.935		
316	12	79.344			346	12	79.940		
317	13	79.373			347	13	79.939		
318	14	79.371			348	14	79.936		
319	15	79.374			349	15	79.962		
320	16	79.391			350	16	80.051		
321	17	79.404			351	17	80.098		
322	18	79.421			352	18	80.152		
323	19	79.442			353	19	80.157		
324	20	79.479			354	20	80.149		
325	21	79.524			355	21	80.116		
326	22	79.538			356	22	80.096		
327	23	79.465			357	23	80.105		
328	24	79.341			358	24	80.096		
332	28	79.439			359	25	80.033		
333	29	79.551			360	26	79.965		
334	30	79.614			361	27	79.969		
					362	28	79.954		
					363	29	79.955		
					364	30	79.963		

BUOY(9785) 90 Nov				BUOY(9785) 90 Dec			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
307	3	71.886	-70.332	335	1	69.264	-65.594
308	4	71.817	-70.074	336	2	69.178	-65.435
309	5	71.802	-69.882	337	3	69.102	-65.370
310	6	71.746	-69.611	338	4	68.892	-65.115
311	7	71.766	-69.387	339	5	68.782	-64.815
312	8	71.801	-69.229	340	6	68.793	-64.729
313	9	71.814	-68.996	341	7	68.930	-64.916
314	10	71.746	-68.871	342	8	69.025	-64.624
315	11	71.676	-68.798	343	9	68.845	-63.872
316	12	71.509	-68.607	344	10	68.811	-63.800
317	13	71.298	-68.350	345	11	68.745	-63.766
318	14	71.108	-67.941	346	12	68.534	-63.620
319	15	70.904	-67.574	347	13	68.280	-63.397
320	16	70.623	-67.339	348	14	68.108	-63.059
321	17	70.509	-67.129	349	15	68.043	-62.885
322	18	70.481	-67.069	350	16	67.939	-62.664
323	19	70.480	-67.083	351	17	67.863	-62.506
324	20	70.459	-66.990	352	18	67.812	-62.403
325	21	70.406	-66.510	353	19	67.695	-62.178
326	22	70.300	-66.254	354	20	67.460	-61.721
327	23	70.210	-66.068	355	21	67.306	-61.413
328	24	70.092	-66.118	356	22	67.093	-61.020
329	25	69.988	-66.217	357	23	66.974	-60.743
330	26	69.846	-66.231	358	24	66.801	-60.498
331	27	69.583	-66.077	359	25	66.679	-60.189
332	28	69.463	-65.907	360	26	66.607	-59.948
333	29	69.429	-65.794	361	27	66.525	-59.752
334	30	69.392	-65.718	362	28	66.230	-59.451
				363	29	65.976	-59.378
				364	30	65.772	-59.394

BUOY(9787)	LAT	LON	P	T
90 Jul	(N)	(+E,-W)	(MB)	(C)
190	9	72.524	-143.955	
191	10	72.509	-144.231	
192	11	72.522	-144.641	
193	12	72.539	-144.843	
194	13	72.556	-144.949	
195	14	72.577	-145.008	
196	15	72.615	-145.072	
197	16	72.628	-145.084	
198	17	72.654	-144.840	
199	18	72.600	-144.685	
200	19	72.604	-144.510	

BUOY(9789)	LAT	LON	P	T	BUOY(9789)	LAT	LON	P	T
90 Jul	(N)	(+E,-W)	(MB)	(C)	90 Aug	(N)	(+E,-W)	(MB)	(C)
183	2	72.479	-133.071		213	1	71.438	-136.290	
184	3	72.470	-133.174		214	2	71.385	-136.279	
185	4	72.451	-133.208		215	3	71.265	-136.290	
186	5	72.468	-133.287		216	4	71.203	-136.437	
187	6	72.456	-133.387		217	5	71.218	-136.543	
188	7	72.448	-133.451		218	6	71.282	-136.846	
189	8	72.400	-133.813		219	7	71.339	-137.189	
190	9	72.305	-134.289		220	8	71.374	-137.457	
191	10	72.238	-134.587		221	9	71.446	-137.847	
192	11	72.193	-135.070		222	10	71.433	-137.875	
193	12	72.153	-135.284		223	11	71.336	-137.821	
194	13	72.155	-135.395						
195	14	72.144	-135.469						
196	15	72.146	-135.547						
197	16	72.143	-135.593						
198	17	72.124	-135.548						
199	18	72.037	-135.513						
200	19	72.025	-135.435						
201	20	71.984	-135.348						
202	21	71.960	-135.388						
203	22	71.926	-135.503						
204	23	71.808	-135.476						
205	24	71.771	-135.505						
206	25	71.776	-135.707						
207	26	71.741	-135.923						
208	27	71.672	-135.962						
209	28	71.637	-136.021						
210	29	71.582	-136.090						
211	30	71.534	-136.184						
212	31	71.505	-136.236						

BUOY(11103)		LAT	LON	P	T	BUOY(11103)		LON	P	T
90 Sep		(N)	(+E,-W)	(MB)	(C)	90 Oct		(+E,-W)	(MB)	(C)
270	27	79.495	121.062			274	1	79.447	120.997	
271	28	79.465	121.156			275	2	79.407	120.918	
272	29	79.459	121.221			276	3	79.367	121.036	
273	30	79.467	121.135			277	4	79.328	121.598	
						278	5	79.276	122.047	
						279	6	79.098	122.293	
						280	7	78.998	122.247	
						281	8	79.026	122.350	
						282	9	79.050	122.411	
						283	10	79.086	122.439	
						284	11	79.124	122.207	
						285	12	79.065	121.900	
						286	13	79.045	121.484	
						287	14	78.978	121.097	
						288	15	78.931	120.790	
						289	16	78.922	120.209	
						290	17	78.854	120.201	
						291	18	78.861	121.320	
						292	19	78.774	122.733	
						293	20	78.785	123.331	
						294	21	78.833	123.573	
						295	22	78.855	123.595	
						296	23	78.879	123.779	
						297	24	78.888	123.746	
						298	25	78.904	123.894	
						299	26	79.003	123.916	
						300	27	79.105	123.990	
						301	28	79.128	123.689	
						302	29	79.104	123.610	
						303	30	79.098	123.761	
						304	31	79.124	123.829	

BUOY(11103)		LAT	LON	P	T	BUOY(11103)		LON	P	T
90 Nov		(N)	(+E,-W)	(MB)	(C)	90 Dec		(+E,-W)	(MB)	(C)
305	1	79.125	123.753			335	1	79.671	123.824	
306	2	79.122	123.738			336	2	79.725	123.657	
307	3	79.093	123.799			337	3	79.761	123.288	
308	4	79.064	123.895			338	4	79.776	122.931	
309	5	79.033	124.048			339	5	79.760	122.779	
310	6	79.028	124.197			340	6	79.743	122.644	
311	7	79.063	124.615			341	7	79.747	122.579	
312	8	79.089	125.466			342	8	79.753	122.549	
313	9	79.140	125.782			343	9	79.808	122.397	
314	10	79.212	125.574			344	10	79.890	122.079	
315	11	79.296	125.191			345	11	79.935	121.532	
316	12	79.347	124.929			346	12	79.939	121.458	
317	13	79.371	124.748			347	13	79.937	121.417	
318	14	79.376	124.726			348	14	79.939	121.428	
319	15	79.377	124.714			349	15	79.964	121.253	
320	16	79.390	124.661			350	16	80.051	120.650	
321	17	79.403	124.434			351	17	80.099	120.159	
322	18	79.421	124.319			352	18	80.151	119.532	
323	19	79.442	124.131			353	19	80.160	119.266	
324	20	79.482	123.790			354	20	80.149	119.239	
325	21	79.525	123.526			355	21	80.117	119.346	
326	22	79.534	123.374			356	22	80.100	119.537	
327	23	79.466	123.611			357	23	80.104	120.081	
328	24	79.343	124.000			358	24	80.096	120.491	
329	25	79.300	124.169			359	25	80.034	121.155	
330	26	79.339	123.922			360	26	79.963	121.516	
331	27	79.377	123.681			361	27	79.969	121.862	
332	28	79.439	123.723			362	28	79.956	122.149	
333	29	79.552	123.979			363	29	79.956	122.298	
334	30	79.612	123.967			364	30	79.963	122.379	

BUOY 11104

BUOY(11104) 90 Sep				BUOY(11104) 90 Oct					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
269	26	81.645			274	1	81.657		110.812
270	27	81.640			275	2	81.627		110.915
271	28	81.626			276	3	81.590		111.411
272	29	81.640			277	4	81.536		111.860
273	30	81.665			278	5	81.449		112.301
					279	6	81.357		112.415
					280	7	81.340		112.388
					281	8	81.386		112.780
					282	9	81.402		112.901
					283	10	81.415		112.825
					284	11	81.445		112.679
					285	12	81.432		112.392
					286	13	81.404		111.858
					287	14	81.363		111.444
					288	15	81.352		111.127
					289	16	81.337		110.895
					290	17	81.317		111.182
					291	18	81.361		112.657
					292	19	81.281		113.917
					293	20	81.272		114.148
					294	21	81.255		114.173
					295	22	81.230		113.939
					296	23	81.233		113.918
					297	24	81.247		114.000
					298	25	81.240		113.936
					299	26	81.267		113.851
					300	27	81.341		113.537
					301	28	81.349		113.236
					302	29	81.326		113.021
					303	30	81.308		113.036
					304	31	81.317		112.997

BUOY(11104) 90 Nov				BUOY(11104) 90 Dec					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	81.313			335	1	81.914		110.462
306	2	81.304			336	2	81.943		110.171
307	3	81.271			337	3	81.960		109.755
308	4	81.230			338	4	81.968		109.303
309	5	81.194			339	5	81.966		109.006
310	6	81.207			340	6	81.967		108.896
311	7	81.251			341	7	81.970		108.743
312	8	81.264			342	8	81.985		108.492
313	9	81.299			343	9	82.026		108.229
314	10	81.365			344	10	82.085		107.873
315	11	81.434			345	11	82.111		107.252
316	12	81.476			346	12	82.106		107.034
317	13	81.515			347	13	82.101		106.980
318	14	81.530			348	14	82.101		106.944
319	15	81.549			349	15	82.119		106.732
320	16	81.568			350	16	82.161		105.745
321	17	81.582			351	17	82.165		104.951
322	18	81.606			352	18	82.207		104.230
323	19	81.639			353	19	82.215		103.376
324	20	81.677			354	20	82.182		103.032
325	21	81.725			355	21	82.156		103.078
326	22	81.751			356	22	82.143		103.442
327	23	81.716			357	23	82.153		104.397
328	24	81.657			358	24	82.136		105.045
329	25	81.632			359	25	82.091		106.271
330	26	81.641			360	26	82.061		107.301
331	27	81.670			361	27	82.080		108.236
332	28	81.728			362	28	82.070		108.648
333	29	81.811			363	29	82.081		108.856
334	30	81.867			364	30	82.106		109.035

BUOY 11108

BUOY(11108) 90 Sep				BUOY(11108) 90 Oct			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
267	24	82.486	101.414	274	1	82.452	101.927
268	25	82.454	101.595	275	2	82.435	102.281
269	26	82.451	101.607	276	3	82.411	102.849
270	27	82.467	101.768	277	4	82.337	103.262
271	28	82.458	102.081	278	5	82.255	103.829
272	29	82.457	102.103	279	6	82.204	104.017
273	30	82.458	102.040	280	7	82.239	104.028
				281	8	82.236	104.328
				282	9	82.249	104.530
				283	10	82.274	104.501
				284	11	82.298	104.301
				285	12	82.304	104.033
				286	13	82.307	103.578
				287	14	82.304	103.318
				288	15	82.313	103.143
				289	16	82.307	103.001
				290	17	82.316	103.412
				291	18	82.413	104.987
				292	19	82.328	106.167
				293	20	82.297	106.277
				294	21	82.280	106.445
				295	22	82.275	106.461
				296	23	82.276	106.327
				297	24	82.286	106.461
				298	25	82.299	106.496
				299	26	82.312	106.351
				300	27	82.352	105.901
				301	28	82.360	105.696
				302	29	82.359	105.552
				303	30	82.342	105.518
				304	31	82.349	105.469

BUOY(11108) 90 Nov				BUOY(11108) 90 Dec			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	82.347	105.180	335	1	83.047	100.058
306	2	82.325	105.033	336	2	83.068	99.728
307	3	82.283	105.130	337	3	83.078	99.239
308	4	82.240	105.254	338	4	83.075	98.745
309	5	82.224	105.376	339	5	83.075	98.387
310	6	82.255	105.649	340	6	83.088	98.268
311	7	82.325	106.128	341	7	83.093	97.872
312	8	82.348	107.081	342	8	83.108	97.553
313	9	82.370	107.272	343	9	83.142	97.231
314	10	82.421	107.142	344	10	83.184	96.832
315	11	82.468	106.612	345	11	83.204	96.160
316	12	82.502	106.050	346	12	83.191	95.757
317	13	82.554	105.365	347	13	83.183	95.731
318	14	82.595	104.702	348	14	83.184	95.715
319	15	82.621	104.395	349	15	83.196	95.463
320	16	82.638	104.219	350	16	83.210	94.275
321	17	82.655	104.075	351	17	83.187	93.318
322	18	82.685	103.898	352	18	83.223	92.455
323	19	82.717	103.772	353	19	83.220	91.519
324	20	82.757	103.369	354	20	83.172	91.172
325	21	82.802	102.807	355	21	83.147	91.240
326	22	82.839	102.263	356	22	83.161	91.798
327	23	82.842	101.949	357	23	83.167	92.646
328	24	82.817	102.310	358	24	83.186	93.448
329	25	82.821	101.846	359	25	83.174	94.744
330	26	82.825	101.357	360	26	83.217	95.925
331	27	82.848	101.037	361	27	83.264	97.076
332	28	82.897	100.576	362	28	83.271	97.617
333	29	82.958	100.403	363	29	83.292	97.888
334	30	82.998	100.357	364	30	83.329	98.092

BUOY 12780

BUOY(12780) 90 Mar					BUOY(12780) 90 Jul						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
79	20	75.956	161.815	1023.7	-19.3	192	11	86.656	-84.788	998.7	1.1
80	21	75.967	161.629	1018.3	-17.5	193	12	86.661	-84.746	996.7	1.0
81	22	75.953	161.643		-17.5	194	13	86.614	-84.901		
82	23	75.971	161.886	1030.8	-20.5	195	14	86.612	-84.804	1011.3	1.1
83	24	76.073	162.148	1024.7	-17.4	196	15	86.616	-84.564	1013.5	1.4
84	25	76.168	162.367	1012.8	-15.5	197	16	86.622	-84.207	1020.9	0.4
87	28	76.101	163.272	1016.7	-23.5	198	17	86.663	-83.645		0.2*

BUOY(12780) 90 Sep					BUOY(12780) 90 Oct						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
254	11	86.158	-96.455		-13.6*	274	1	86.139	-93.535		
255	12	86.217	-95.558		-10.9*	275	2	86.169	-93.008		
256	13	86.237	-95.337			276	3	86.201	-92.848		
257	14	86.225	-94.854	1012.0	-12.6*	277	4	86.211	-92.199	1009.4	-24.1*
258	15	86.221	-95.192			278	5	86.236	-91.589		
259	16	86.173	-95.437	1016.8	-10.5*	279	6	86.272	-91.183		
260	17	86.134	-95.414	1019.7	-9.8	280	7	86.272	-91.051		
261	18	86.103	-95.348	1016.0	-10.4*	281	8	86.256	-90.881		-22.7*
262	19	86.049	-95.109			282	9	86.250	-90.417		
263	20	86.047	-94.734		-10.4*	283	10	86.252	-90.308		-21.4*
264	21	86.071	-94.170		-10.9*	284	11	86.254	-90.206		
265	22	86.067	-94.286			285	12	86.250	-90.188		
266	23	86.096	-93.947			288	15	86.169	-90.647		
267	24	86.135	-94.153			289	16	86.187	-90.215		
268	25	86.135	-94.033	1014.8	-17.9*	290	17	86.213	-89.971		
269	26	86.128	-94.239		-15.7*	291	18	86.228	-89.556		
270	27	86.122	-93.886			292	19	86.254	-88.124		
271	28	86.156	-93.581			293	20	86.341	-86.531		
						294	21	86.417	-85.829		
						295	22	86.453	-86.583		
						296	23	86.447	-87.011		
						297	24	86.403	-86.681		
						298	25	86.399	-86.451		
						299	26	86.390	-86.240		
						300	27	86.383	-85.809		
						301	28	86.386	-85.511		
						302	29	86.394	-84.659		
						303	30	86.390	-83.479		
						304	31	86.394	-82.768		

BUOY 12780

BUOY(12780) 90 Nov				BUOY(12780) 90 Dec			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	86.410	-82.277	335	1	86.190	-79.522
306	2	86.451	-82.001	336	2	86.191	-79.517
307	3	86.473	-81.703	337	3	86.190	-79.516
308	4	86.479	-81.618	338	4	86.190	-79.508
309	5	86.480	-81.605	339	5	86.189	-79.511
310	6	86.463	-81.826	340	6	86.190	-79.531
311	7	86.432	-81.590	341	7	86.188	-79.590
312	8	86.410	-80.500	342	8	86.143	-81.120
313	9	86.409	-79.788	343	9	86.060	-82.298
314	10	86.413	-79.537	344	10	86.039	-81.889
315	11	86.406	-78.780	345	11	86.036	-81.487
316	12	86.393	-78.312	346	12	86.040	-81.324
317	13	86.389	-78.243	347	13	86.045	-81.211
318	14	86.384	-78.215	360	26	86.027	-80.060
319	15	86.373	-78.203	361	27	86.085	-79.793
320	16	86.364	-78.430	362	28	86.039	-80.684
321	17	86.334	-79.454	363	29	86.010	-82.304
322	18	86.326	-79.710	364	30	85.980	-84.087
323	19	86.326	-79.717				
324	20	86.304	-79.866				
325	21	86.258	-80.450				
326	22	86.223	-80.412				
327	23	86.212	-79.815				
328	24	86.209	-79.414				
329	25	86.206	-79.395				
330	26	86.200	-79.565				
331	27	86.195	-79.631				
332	28	86.192	-79.546				
333	29	86.191	-79.537				
334	30	86.190	-79.508				

-39.7*

BUOY 12782

BUOY (12782) 90 Mar				BUOY (12782) 90 Apr			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
80	21	73.968	-146.109	93	3	73.987	-146.074
81	22	73.990	-146.108	94	4	74.003	-146.162
82	23	73.945	-145.963	95	5	73.988	-146.326
83	24	73.912	-145.899	96	6	73.921	-146.172
84	25	73.917	-145.910	97	7	73.878	-145.888
85	26	73.923	-145.911	98	8	73.871	-145.749
86	27	73.911	-145.890	101	11	73.835	-145.407
87	28	73.903	-145.874	102	12	73.833	-145.406
				103	13	73.835	-145.407
				104	14	73.834	-145.405
				105	15	73.832	-145.405
				106	16	73.833	-145.413
				107	17	73.833	-145.406
				111	21	73.834	-145.480
				112	22	73.906	-145.697
				113	23	73.942	-145.804
				114	24	73.927	-145.907
				115	25	73.939	-145.860
				116	26	74.035	-145.572
				117	27	73.971	-145.435

BUOY (12782) 90 May				BUOY (12782) 90 Jun			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	2	73.887	-145.013	155	4	74.445	-147.430
123	3	73.887	-145.004	156	5	74.347	-147.275
124	4	73.886	-145.004	157	6	74.253	-147.134
125	5	73.887	-145.000	158	7	74.212	-146.995
126	6	73.888	-145.004	159	8	74.206	-147.046
128	8	73.909	-145.205	163	12	74.169	-146.969
129	9	73.949	-145.329	164	13	74.189	-146.765
132	12	73.992	-145.206	165	14	74.193	-146.563
133	13	73.987	-145.217	168	17	74.366	-146.652
136	16	73.998	-145.281	169	18	74.424	-146.856
137	17	74.040	-145.369	170	19	74.478	-146.913
138	18	74.124	-145.486	171	20	74.536	-146.967
139	19	74.202	-145.606	172	21	74.596	-147.077
140	20	74.269	-145.765	173	22	74.604	-147.128
141	21	74.303	-145.908	176	25	74.625	-147.041
142	22	74.299	-146.000	177	26	74.659	-147.043
145	25	74.436	-146.341	178	27	74.693	-147.061
146	26	74.467	-146.349	179	28	74.746	-147.157
147	27	74.508	-146.470	180	29	74.799	-147.194
148	28	74.519	-146.635				
149	29	74.497	-146.913				
150	30	74.490	-147.336				
151	31	74.562	-147.624				

BUOY 12782

BUOY(12782) 90 Jul					BUOY(12782) 90 Aug				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
183	2	74.901	-147.267						
184	3	74.890	-147.249	213	1	74.465	-145.464	2.5	
185	4	74.901	-147.352	214	2	74.405	-145.311	1.7	
186	5	74.896	-147.350	215	3	74.333	-145.457	1.2	
187	6	74.907	-147.275	216	4	74.312	-145.624	1.2	
188	7	74.877	-147.224	217	5	74.316	-145.707	2.1	
189	8	74.806	-147.218	218	6	74.325	-145.833	1.3*	
190	9	74.783	-147.120	219	7	74.364	-145.997	0.0	
191	10	74.779	-147.148	220	8	74.433	-146.203	0.5	
192	11	74.802	-147.358	221	9	74.481	-146.456	1.2	
193	12	74.830	-147.495	222	10	74.507	-146.625	1.8	
194	13	74.856	-147.495	223	11	74.449	-146.563	-0.2*	
195	14	74.886	-147.464	224	12	74.401	-146.353	1.1	
196	15	74.935	-147.429	225	13	74.363	-146.441	1.0	
197	16	74.991	-147.332	228	16	74.560	-147.374	-0.4*	
198	17	75.052	-146.875	229	17	74.658	-147.923	-0.1*	
199	18	74.970	-146.213	230	18	74.694	-148.300	0.6	
202	21	74.945	-145.906	231	19	74.679	-148.536	0.3	
203	22	74.904	-145.981	232	20	74.639	-148.773	-0.2	
204	23	74.814	-145.737	233	21	74.618	-148.883	0.1	
205	24	74.795	-145.730	234	22	74.539	-148.807	-0.4	
206	25	74.797	-145.924	237	25	74.516	-149.062	-1.3*	
207	26	74.730	-145.876	238	26	74.551	-149.087	-1.4	
211	30	74.542	-145.633	239	27	74.699	-149.653	-1.4	
212	31	74.504	-145.553	240	28	74.767	-150.294	-0.3	
				241	29	74.771	-150.658	-1.2	
				242	30	74.753	-150.636	-0.8	
				243	31	74.727	-150.798	-2.0	

BUOY(12782) 90 Sep					BUOY(12782) 90 Oct				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
244	1	74.665	-151.221	274	1	74.580	-152.720	-11.4	
245	2	74.599	-151.379	275	2	74.616	-152.826	-12.2	
246	3	74.538	-151.483	276	3	74.665	-152.938	-10.4	
247	4	74.452	-151.952	277	4	74.657	-153.251	-9.8*	
248	5	74.439	-152.105	278	5	74.521	-153.377	-13.1	
249	6	74.397	-152.310	279	6	74.491	-153.429	-13.9	
250	7	74.397	-152.320	280	7	74.488	-153.440	-12.6	
251	8	74.347	-152.171	281	8	74.536	-153.665	-11.5	
254	11	74.320	-151.747	284	11	74.984	-154.437	-7.2	
255	12	74.327	-151.308	285	12	75.042	-154.664	-4.9	
256	13	74.412	-150.994	286	13	75.061	-155.022	-5.0	
257	14	74.533	-151.057	287	14	75.127	-155.314	-6.7	
258	15	74.599	-151.441	288	15	75.161	-155.512	-9.8	
259	16	74.651	-151.729	289	16	75.159	-155.587	-11.2	
260	17	74.652	-151.790	290	17	75.152	-155.627	-11.9	
261	18	74.665	-152.155	291	18	75.163	-155.887	-11.8	
262	19	74.686	-152.469	292	19	75.145	-156.240	-13.6	
263	20	74.709	-152.554	293	20	75.105	-156.390	-15.6	
264	21	74.755	-152.458	294	21	75.054	-156.356	-16.6	
265	22	74.829	-152.497	295	22	75.009	-156.278	-17.6	
266	23	74.867	-152.705	296	23	75.000	-156.327	-19.8	
267	24	74.821	-153.278	297	24	75.006	-156.475	-20.0	
268	25	74.735	-153.450	298	25	74.999	-156.682	-20.9	
269	26	74.643	-152.917	299	26	75.009	-156.772	-20.7	
270	27	74.631	-152.558	300	27	75.052	-156.730	-20.7	
271	28	74.577	-152.459	301	28	75.117	-156.834	-20.6	
272	29	74.559	-152.541	302	29	75.218	-156.988	-19.9	
273	30	74.563	-152.630	303	30	75.295	-157.196	-17.9	
				304	31	75.334	-157.334	-18.3	

BUOY 12782

BUOY (12782) 90 Nov				BUOY (12782) 90 Dec			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1 75.354	-157.344	-16.9	336	2 75.257	-163.969	-27.3
306	2 75.360	-157.243	-19.2	337	3 75.288	-164.129	-27.1
307	3 75.382	-157.375	-18.6	338	4 75.360	-164.473	-26.5
308	4 75.348	-157.809	-18.2	339	5 75.418	-164.842	-26.5
310	6 75.243	-158.439	-21.8*	340	6 75.456	-165.201	-27.1
311	7 75.233	-158.401	-21.3	341	7 75.458	-165.487	-27.2
312	8 75.197	-158.310	-23.9	342	8 75.411	-165.730	-26.4
313	9 75.171	-158.039	-21.9	343	9 75.419	-165.839	-27.1
314	10 75.129	-157.777	-16.7	344	10 75.485	-166.039	-25.7
315	11 75.216	-157.714	-13.0	345	11 75.533	-166.370	-25.1
316	12 75.209	-157.988	-13.0	346	12 75.572	-166.583	-25.7
317	13 75.196	-158.489	-20.5	347	13 75.556	-166.761	-26.3
318	14 75.148	-158.984	-23.8	348	14 75.535	-166.855	-26.7
319	15 75.106	-159.538	-23.2	349	15 75.541	-166.929	-27.1*
320	16 75.065	-160.050	-24.0	352	18 75.628	-167.444	-26.9
321	17 75.041	-160.253	-23.0	353	19 75.692	-167.735	-20.4
322	18 75.031	-160.505	-23.7	354	20 75.708	-167.739	-16.9
323	19 75.012	-160.739	-24.3	355	21 75.648	-167.563	-19.9
324	20 74.999	-161.064	-23.9	356	22 75.603	-166.999	-22.4
325	21 74.972	-161.469	-23.9	357	23 75.580	-166.748	-22.5
326	22 74.996	-161.635	-24.4	358	24 75.582	-166.580	-22.5
327	23 75.125	-161.850	-23.6*	359	25 75.530	-166.402	-22.7
328	24 75.238	-162.324	-25.5	360	26 75.399	-165.819	-21.0
329	25 75.331	-162.902	-25.7	361	27 75.345	-165.252	-25.5
330	26 75.364	-163.465	-25.5	362	28 75.310	-164.968	-23.5
331	27 75.349	-163.736	-25.3	363	29 75.267	-165.026	-21.7*
332	28 75.303	-163.884	-24.6	364	30 75.177	-165.031	-19.8*
333	29 75.274	-163.933	-25.2				

BUOY 12783

BUOY(12783) 90 Mar				BUOY(12783) 90 Apr			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
81 22 74.991	-130.217	1029.8	-23.1	104 14 74.861	-129.947	1016.7	-20.6*
87 28 74.968	-130.070	1004.4	-25.5	112 22 74.862	-129.989	1021.8	-17.2*
88 29 74.976	-130.088	1007.0	-25.0*	113 23 74.874	-130.015	1022.6	-18.7*
				114 24 74.885	-130.086	1028.9	-20.5*
				116 26 74.911	-130.042	1008.8	-13.0*

BUOY(12783) 90 Jun				BUOY(12783) 90 Aug			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
178 27 74.320	-130.836	1023.3	4.3	218 6 72.613	-131.860	1020.6	1.4

BUOY 12783

BUOY (12783) 90 Sep					BUOY (12783) 90 Oct				
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
244	1 72.098	-134.864	1001.7	0.9*	274	1 71.382	-136.634	1013.3	-7.0*
247	4 71.774	-135.322	1012.6	-1.1	277	4 71.373	-136.855	1008.5	-6.4*
273	30 71.365	-136.352	1012.2	-8.9	278	5 71.346	-136.695	1008.8	-4.0
					288	15 71.808	-139.281	1010.0	-3.7
					295	22 71.623	-139.978	1016.2	-14.0
					296	23 71.591	-140.242	1022.3	-15.4

BUOY (12783) 90 Nov					BUOY (12783) 90 Dec				
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)	
313	9 72.064	-145.114	1039.2	-22.3	340	6 72.302	-150.626	1012.4	-26.7*
314	10 72.066	-145.008	1038.4	-21.2*	343	9 72.214	-151.335	1023.7	-27.9
315	11 72.115	-144.828		-15.7*	349	15 72.339	-153.606	1011.1	-22.9
319	15 72.251	-145.104	998.5	-15.6*	350	16 72.343	-153.705	1013.6	-27.1
323	19 72.195	-146.063	1022.3	-22.7	351	17 72.350	-153.743	1020.3	-27.6
324	20 72.192	-146.376	1018.6	-24.0	352	18 72.414	-154.051		-23.2
332	28 72.343	-149.049	1016.4	-23.4	356	22 72.363	-153.490	1034.3	-20.6
333	29 72.309	-149.220	1028.7	-25.1	357	23 72.335	-153.390	1035.3	-24.0
334	30 72.309	-149.180	1035.2	-26.4	358	24 72.325	-153.411	1027.0	-24.9
					364	30 72.095	-152.454		-22.0*

BUOY 12784

BUOY(12784) 90 Mar					BUOY(12784) 90 Apr						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
80	21	84.967	-130.156	1024.9	-24.6*	91	1	85.070	-127.700	1014.6	-27.2
81	22	84.975	-130.240	1024.2	-31.6	92	2	85.082	-127.376	1015.1	-29.1
82	23	84.974	-130.146	1017.6	-32.9	93	3	85.128	-127.064	1006.9	-28.1
83	24	84.973	-130.092	1019.1	-31.5	94	4	85.184	-126.590		-25.2
84	25	84.989	-129.989	1000.5	-30.0	95	5	85.255	-125.845	999.6	-23.1
85	26	84.992	-130.006	988.4	-27.0	96	6	85.291	-125.262	1003.1	-23.9
86	27	84.990	-129.902	984.0	-31.4	97	7	85.286	-124.633	1002.3	-24.9
87	28	85.020	-129.442	980.8	-30.8	98	8	85.290	-124.038	1003.4	-20.7
88	29	84.977	-128.834	1000.6	-24.4	99	9	85.309	-123.066	995.9	-16.5
89	30	84.990	-128.556	1006.1	-25.8	100	10	85.292	-123.097	992.2	-17.4
90	31	85.052	-128.094	1008.4	-22.8	101	11	85.205	-122.947	1003.0	-25.2
						102	12	85.168	-122.951	1004.6	-21.1
						103	13	85.155	-122.792	1000.5	-19.3
						104	14	85.142	-122.246	996.9	-19.6
						105	15	85.150	-122.212	1004.3	-20.0
						106	16	85.161	-122.204	1017.6	-20.5
						107	17	85.171	-122.243	1022.5	-21.0
						108	18	85.182	-122.292	1021.4	-20.7
						109	19	85.162	-122.302	1012.5	-18.9
						110	20	85.146	-122.321	1002.3	-16.1
						111	21	85.148	-122.263	1012.7	-15.3
						112	22	85.163	-122.217	1027.8	-16.8
						113	23	85.214	-122.154	1025.2	-18.6
						114	24	85.254	-122.029	1025.4	-18.1
						115	25	85.292	-121.823	1020.5	-16.0
						116	26	85.418	-121.503	991.6	-15.6
						117	27	85.493	-120.830	987.1	-13.5
						118	28	85.490	-120.521	992.5	-15.0

BUOY(12784) 90 May					BUOY(12784) 90 Jun						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
122	2	85.723	-117.376		-12.4*	152	1	86.319	-98.998		-4.7*
123	3	85.830	-116.611	977.0	-11.8*	155	4	86.349	-97.487	992.7	-3.3
124	4	85.844	-115.734	985.1	-10.8	156	5	86.351	-97.865	998.2	-3.3
125	5	85.847	-114.815	996.6	-11.1	157	6	86.350	-97.815	1005.4	-3.1
126	6	85.841	-114.331	1012.9	-11.0	158	7	86.352	-97.721	1010.4	-3.3*
127	7	85.865	-113.172	1016.1	-10.4	159	8	86.358	-97.176	1017.1	-3.5
128	8	85.843	-111.881	1016.9	-9.9	161	10	86.351	-99.008	1013.2	-3.7
134	14	85.901	-111.230	1011.7	-8.2*	162	11	86.347	-99.131	1013.1	-3.4
138	18	85.992	-108.828		-6.3	163	12	86.334	-98.580	1015.5	-2.8
139	19	86.074	-107.705	1018.1	-6.1	164	13	86.322	-98.339	1011.9	-2.1
140	20	86.156	-106.485	1018.7	-6.7	165	14	86.328	-98.113	1009.6	-1.6
141	21	86.202	-105.422	1014.3	-7.1	166	15	86.342	-97.686		-1.1
142	22	86.294	-104.083	1006.1	-7.1	167	16	86.375	-97.102	1017.9	-1.3
145	25	86.344	-100.923	1016.2	-5.7	168	17	86.399	-96.855	1022.6	-0.6
146	26	86.363	-100.340	1013.4	-5.9	169	18	86.399	-97.040	1020.3	-0.4
147	27	86.369	-100.150	1014.3	-5.3	170	19	86.393	-97.016	1016.5	-0.1
148	28	86.374	-100.075	1009.1	-4.3	171	20	86.398	-96.721	1016.4	0.5
149	29	86.363	-100.144		-4.1*	172	21	86.404	-96.488	1020.8	1.1
150	30	86.331	-99.967	1012.7	-4.5*	173	22	86.408	-96.368	1025.2	1.5
151	31	86.313	-99.519	1015.4	-4.8*	174	23	86.423	-96.171	1028.5	1.4
						175	24	86.453	-95.961	1029.0	1.3
						176	25	86.476	-95.831	1025.0	1.6
						177	26	86.487	-95.455	1025.0	1.8*
						178	27	86.504	-94.589	1018.7	
						179	28	86.496	-93.669	1017.6	
						180	29	86.489	-93.176	1019.2	

BUOY 12785

BUOY(12785) 90 Mar					BUOY(12785) 90 Apr						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
81	22	82.513	-101.696	1021.9	-32.3*	91	1	82.578	-100.783	1017.0	-25.3
82	23	82.512	-101.730	1009.7	-34.0	92	2	82.573	-100.770	1016.9	-26.4
83	24	82.508	-101.688	1021.1	-33.7	93	3	82.570	-100.770	1013.0	-29.0
84	25	82.512	-101.713	999.1	-34.4	94	4	82.572	-100.775	1019.4	-28.6
85	26	82.511	-101.685	995.7	-31.5	95	5	82.597	-100.714	1010.8	-22.4
89	30	82.548	-100.910	1017.0	-29.3*	96	6	82.660	-100.492	1003.0	-17.6
90	31	82.569	-100.814	1016.1	-25.9	97	7	82.628	-100.586	1009.0	-21.5
						98	8	82.630	-100.516	1008.5	-23.4*
						99	9	82.629	-100.397	1002.4	-13.3*
						100	10	82.616	-100.400		-10.9
						101	11	82.581	-100.429	991.2	-23.9
						102	12	82.576	-100.428	995.7	-23.8
						103	13	82.566	-100.459	999.4	-20.2
						104	14	82.583	-100.427	999.6	-22.6
						108	18	82.579	-100.436	1014.8	-22.7
						109	19	82.580	-100.453	1011.7	-20.2
						110	20	82.580	-100.422	995.9	-18.7
						111	21	82.578	-100.419	1012.1	-20.0
						112	22	82.580	-100.435	1029.0	-19.3*
						113	23	82.583	-100.453	1029.0	-21.5*
						114	24	82.579	-100.424	1029.6	-19.6
						115	25	82.581	-100.398	1026.1	-20.8
						116	26	82.638	-100.154	1006.1	-19.4
						117	27	82.710	-99.611	993.1	-14.8
						118	28	82.704	-99.592	997.0	-17.0

BUOY(12785) 90 May					BUOY(12785) 90 Jun						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
122	2	82.870	-98.224	997.6	-14.9	152	1	83.016	-96.664	1011.4	-1.3
123	3	82.937	-97.913		-11.9*	155	4	83.016	-96.679	989.1	0.2
124	4	83.000	-97.188	992.2	-8.9	156	5	83.013	-96.664	996.2	-1.3*
125	5	83.013	-96.865	998.3	-9.9*	157	6	83.014	-96.648	1003.3	-1.9
135	15	82.999	-96.840	1014.9	-9.5	158	7	83.017	-96.682	1013.2	0.6
136	16	83.000	-96.835	1020.9	-8.6	159	8	83.018	-96.685	1012.1	0.3
139	19	83.020	-96.708	1029.3	-7.4*	160	9	83.011	-97.112	1006.8	0.0
140	20	83.025	-96.695	1021.2	-5.8*	161	10	83.029	-97.863	1007.3	0.8
141	21	83.025	-96.683	1020.4	-3.7	162	11	83.038	-97.913	1014.0	2.7
142	22	83.026	-96.670	1012.0	-5.0	163	12	83.015	-98.065	1013.4	1.8
146	26	83.028	-96.665	1017.5	-1.8	164	13	82.975	-98.256		0.3
147	27	83.030	-96.670	1016.3	-1.6	165	14	82.964	-98.112	1008.5	2.2
148	28	83.027	-96.659	1010.9	-0.7	166	15	82.977	-97.937	1014.1	2.3*
149	29	83.023	-96.656	1012.6	-0.6*	167	16	82.977	-97.862	1017.3	1.4*
150	30	83.015	-96.673	1016.1	-1.5*	168	17	82.973	-97.883	1017.9	-0.9
151	31	83.015	-96.682	1021.4	-0.6	169	18	82.967	-97.949	1016.1	-1.8
						172	21	82.987	-97.982	1020.3	-0.2
						173	22	82.991	-97.948	1025.6	2.3
						174	23	82.997	-97.958		2.1
						175	24	82.984	-98.207	1025.7	-0.9
						176	25	82.994	-98.461	1022.8	-1.1
						177	26	82.993	-98.510	1024.7	0.0
						178	27	82.987	-98.468	1023.1	1.9
						179	28	82.974	-98.341	1021.4	1.0
						180	29	82.978	-98.302	1021.2	1.6
						181	30	82.974	-98.267	1013.4	0.6

BUOY 12785

BUOY(12785) LAT				BUOY(12785) LAT							
90 Jul	(N)	LON (+E,-W)	P (MB)	T (C)	90 Aug	(N)	LON (+E,-W)	P (MB)	T (C)		
182	1	82.974	-98.144	1012.6	-1.7	213	1	83.371	-93.770	1004.1	-2.1
183	2	82.968	-98.010	1011.5	-2.1	214	2	83.390	-94.319	1008.6	-1.5
184	3	82.972	-97.923	1012.8	-1.3	215	3	83.404	-94.836	1013.3	-2.0
185	4	82.987	-97.720	1007.7	-2.1	216	4	83.403	-95.362	1017.9	-1.8
186	5	82.984	-97.567	1012.6	-1.9	217	5	83.377	-95.732	1016.3	-1.9
187	6	82.993	-97.459	1003.4	-1.8	218	6	83.334	-96.041	1020.1	-1.6
188	7	83.008	-97.053	997.5	-2.3*	219	7	83.274	-96.060	1016.4	-1.2
189	8	83.036	-96.417	999.5	-2.7	220	8	83.186	-95.926	1012.4	-2.0
190	9	83.066	-95.389	1000.7	-2.7	221	9	83.103	-95.460	1015.4	-2.4
191	10	83.076	-94.484	1002.0	-2.6	222	10	83.073	-95.038	1015.0	-3.2
192	11	83.076	-94.441	1008.6	-1.9	223	11	83.069	-94.816	1010.4	-3.9
193	12	83.077	-93.974	999.4	-2.3	224	12	83.088	-94.546	1004.1	-2.6
194	13	83.069	-93.973	1007.5	-2.3	225	13	83.111	-94.436	1011.0	-1.8
195	14	83.069	-93.981	1013.5	-2.6	226	14	83.099	-94.515	1020.2	-1.2
196	15	83.069	-93.963	1013.8	-1.5	227	15	83.092	-94.562	1025.7	-1.2
197	16	83.069	-93.973	1020.2	0.2	228	16	83.091	-94.577	1027.9	-2.0
198	17	83.101	-93.903	1013.3	-1.2	229	17	83.083	-94.614	1020.5	-3.3
199	18	83.172	-93.734	1003.7	-1.7	230	18	83.077	-94.710	1016.8	-5.3
200	19	83.233	-93.480	1001.9	-1.7	231	19	83.076	-94.864	1020.4	-6.4
201	20	83.295	-93.223	1005.2	-1.4	232	20	83.042	-95.477	1007.7	-4.3
202	21	83.286	-93.505	1000.0	-1.3	233	21	83.004	-96.379	1006.3	-2.3
203	22	83.295	-93.506	998.7	0.0	234	22	82.947	-96.878	1006.8	-2.4
204	23	83.295	-93.500	1002.6	2.0	235	23	82.895	-97.419	1014.9	-3.7
205	24	83.291	-93.578	1009.0	0.8	238	26	82.789	-98.032	1013.3	-6.3*
206	25	83.285	-93.722	1004.6	-1.7	239	27	82.783	-97.964	1009.4	-6.7*
207	26	83.290	-93.751	1006.8	-0.1	240	28	82.781	-97.987	1007.4	-7.0
208	27	83.289	-93.507	1007.9	-1.5	241	29	82.783	-98.122	1009.5	-8.2
209	28	83.331	-92.964	1011.8	-1.7*	242	30	82.777	-98.294		-10.2
210	29	83.378	-92.706	1013.1	-0.9*	243	31	82.763	-98.421	1011.4	-10.9
211	30	83.377	-92.772	1012.5	-0.8						
212	31	83.378	-93.062		-1.8						

BUOY(12785) LAT				BUOY(12785) LAT							
90 Sep	(N)	LON (+E,-W)	P (MB)	T (C)	90 Oct	(N)	LON (+E,-W)	P (MB)	T (C)		
244	1	82.717	-98.543	1013.8	-9.2	274	1	82.544	-99.233	1008.7	-16.9
245	2	82.693	-98.614	1018.6	-8.3	275	2	82.534	-99.005	1010.1	-18.8
246	3	82.663	-98.682	1015.6	-7.9	276	3	82.549	-98.402	1015.3	-17.1
247	4	82.654	-98.524	1006.7	-6.8	277	4	82.566	-98.231	1016.7	-17.9
248	5	82.658	-98.840	1008.2	-8.2	278	5	82.568	-98.214	1014.6	-19.6
249	6	82.649	-99.353	1000.9	-8.8	279	6	82.582	-98.230	1016.4	-17.6
250	7	82.636	-99.629	1002.8	-10.0	280	7	82.567	-98.200	1014.7	-18.4
251	8	82.604	-99.756	1005.3	-14.3	281	8	82.564	-98.246	1011.1	-16.4
252	9	82.551	-100.043	1005.7	-16.4*	282	9	82.554	-98.201	1011.9	-17.0
253	10	82.458	-100.062	988.6	-11.6*	283	10	82.551	-98.245	1015.1	-15.3
254	11	82.437	-99.386	998.0	-10.6	284	11	82.548	-98.243	1020.5	-19.3
259	16	82.516	-99.147	1017.2	-11.0	285	12	82.540	-98.294	1011.2	-21.5
260	17	82.470	-99.265	1021.2	-8.5	286	13	82.513	-98.510	1006.0	-21.7
261	18	82.454	-99.365	1017.5	-10.3	289	16	82.500	-98.445	1017.1	-20.4
262	19	82.440	-99.260	1014.2	-10.8	290	17	82.532	-98.331	1007.9	-18.4
263	20	82.447	-99.143	1020.8	-10.9	291	18	82.559	-98.121		-15.4
264	21	82.451	-99.149		-13.6*	296	23	82.716	-97.668	1013.8	-20.4
265	22	82.455	-99.140	1017.8	-15.0	297	24	82.690	-97.661	1017.2	-21.5
266	23	82.499	-99.120	1013.1	-12.2	298	25	82.687	-97.595	1016.9	-23.5
267	24	82.518	-99.075	1014.0	-8.9	299	26	82.682	-97.615	1017.6	-24.6
268	25	82.528	-99.035	1010.4	-7.4	300	27	82.687	-97.566	1013.6	-23.9
272	29	82.620	-98.985	1006.8	-12.9	301	28	82.689	-97.559	1017.7	-23.9
273	30	82.580	-99.236	1005.5	-17.6	302	29	82.690	-97.430	1020.5	-20.3
						303	30	82.691	-97.413	1022.7	-23.2
						304	31	82.696	-97.416	1024.4	-26.0

BUOY 12785

BUOY (12785) 90 Nov					BUOY (12785) 90 Dec						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
305	1	82.694	-97.482	1022.5	-27.1*	337	3	82.591	-98.421	1021.9	-35.6
306	2	82.693	-97.415	1018.9	-27.1	338	4	82.589	-98.412	1021.1	-37.2
307	3	82.691	-97.431	1017.0	-25.7	339	5	82.600	-98.518	1021.5	-38.3
309	5	82.694	-97.417	1010.1	-25.7*	340	6	82.582	-98.377	1015.7	-35.5
310	6	82.699	-97.415	1005.3	-27.6*	341	7	82.598	-98.672	1007.2	-28.6
311	7	82.701	-97.473	1015.2	-29.2	342	8	82.537	-99.427	981.2	-26.6*
312	8	82.695	-97.412	1018.3	-30.8	343	9	82.447	-99.806	997.9	-27.0*
313	9	82.695	-97.415	1021.7	-30.1	344	10	82.434	-99.757	1017.3	-30.9
314	10	82.692	-97.407		-29.3*	346	12	82.433	-99.737	1020.9	-36.5
315	11	82.685	-97.443	1028.9	-31.0	347	13	82.437	-99.696	1015.5	-36.3
316	12	82.695	-97.410	1029.7	-29.7	348	14	82.422	-99.796		-36.9*
317	13	82.699	-97.379	1027.6	-31.0	349	15	82.441	-99.783	1017.7	-37.7
318	14	82.696	-97.440		-32.7	350	16	82.432	-99.701	1012.5	-38.5*
319	15	82.688	-97.448	1016.3	-31.0	351	17	82.434	-99.746	1022.0	-38.0
320	16	82.687	-97.446	1006.6	-28.8	352	18	82.431	-99.753	1034.8	-37.1
321	17	82.685	-97.487	1008.0	-29.9	353	19	82.436	-99.730	1028.8	-34.4
322	18	82.685	-97.523	1012.5	-30.4	354	20	82.448	-99.668	1005.1	-35.0*
323	19	82.684	-97.342		-30.4	355	21	82.444	-99.669	999.5	-33.1*
324	20	82.668	-97.811	1020.8	-28.7	356	22	82.431	-99.597	998.0	-34.4
325	21	82.610	-98.314	1016.6	-28.7	357	23	82.441	-99.649	1005.7	-36.1
326	22	82.590	-98.454	1026.2	-29.9*	358	24	82.439	-99.632	1007.9	-38.1
329	25	82.585	-98.391	1017.1	-27.4	359	25	82.444	-99.657	1006.3	-37.9*
330	26	82.587	-98.404	1011.7	-25.0*	360	26	82.433	-99.550		-31.7*
333	29	82.586	-98.382	1014.2	-31.1	361	27	82.455	-99.422	997.1	-30.2*
334	30	82.578	-98.422	1015.7	-32.8	362	28	82.440	-99.627	998.4	-28.4*
						363	29	82.424	-99.731	1001.8	-24.4
						364	30	82.426	-99.829		-27.1*

BUOY 12786

BUOY(12786) 90 Mar					BUOY(12786) 90 Apr				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
82 23	84.946	-59.870	1012.2	-36.4	91 1	84.936	-53.564	1019.1	-23.4*
83 24	84.944	-59.882	1018.5	-36.0	92 2	84.936	-53.430	1021.5	-29.3*
84 25	84.946	-59.880	994.7	-36.0	93 3	84.942	-53.406	1012.1	-29.8
85 26	84.946	-59.881	993.6	-36.5	94 4	84.946	-53.218	1017.5	-28.9*
86 27	84.958	-59.448	985.3	-31.8	95 5	84.943	-52.283	1014.4	-25.0
87 28	84.950	-58.438	987.2	-28.8	96 6	84.933	-50.792	1006.0	-17.7
88 29	84.957	-56.918	995.0	-29.7	97 7	84.927	-50.436		-19.3
89 30	84.935	-55.612	1014.2	-27.0	98 8	84.928	-50.292	1003.2	-26.0
90 31	84.937	-54.470	1015.0	-24.8	99 9	84.914	-49.894	989.2	-22.7
					100 10	84.910	-49.837	987.0	-23.1
					101 11	84.908	-50.276	983.5	-24.7
					102 12	84.887	-50.475	981.8	-19.5
					103 13	84.872	-50.442	985.9	-18.6
					104 14	84.870	-50.194	991.4	-21.0*
					108 18	84.863	-49.990	1012.1	-21.0
					109 19	84.859	-49.782	1005.5	-18.0
					110 20	84.853	-49.823	986.6	-17.9
					111 21	84.831	-49.629	999.5	-15.2
					112 22	84.787	-49.303		-15.9*
					113 23	84.782	-49.291	1027.1	-20.3
					114 24	84.772	-49.182	1027.0	-19.0
					115 25	84.769	-48.789	1025.3	-20.3
					116 26	84.759	-48.265	1015.2	-21.5
					117 27	84.768	-47.243	996.0	-18.3
					118 28	84.772	-46.833	993.3	-15.0*

BUOY(12786) 90 May					BUOY(12786) 90 Jun				
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)		
122 2	84.713	-42.250	1003.1	-14.0	152 1	83.762	-23.265	1011.2	-2.7
123 3	84.704	-41.644	995.6	-14.1	154 3	83.699	-22.380		-3.2*
124 4	84.696	-40.392	992.7	-12.6	155 4	83.763	-22.553	988.9	-2.0
125 5	84.671	-38.970	1000.0	-11.3	156 5	83.761	-22.464	1001.4	-1.1
126 6	84.649	-38.226	1011.6	-11.6	157 6	83.760	-22.407	1005.8	-3.1
127 7	84.610	-37.318	1012.8	-11.0	158 7	83.734	-22.136	1016.5	-2.0
128 8	84.550	-35.832	1004.2	-10.1	159 8	83.763	-21.812	1017.9	-0.8
129 9	84.525	-35.491	1024.8	-9.8	160 9	83.835	-21.855	1012.5	-3.4
132 12	84.525	-35.450	1017.5	-8.8*	161 10	83.921	-21.190	1012.3	-3.1
133 13	84.522	-35.429	1019.5	-8.2	162 11	83.920	-20.681	1015.7	-2.3
134 14	84.521	-35.403	1013.6	-7.3	163 12	83.910	-20.653	1013.4	-3.0
138 18	84.337	-32.424	1022.4	-5.3	164 13	83.968	-20.676	1010.5	-4.0
139 19	84.271	-31.093	1028.5	-5.5	165 14	83.991	-20.616	1009.9	-3.2
140 20	84.202	-29.862	1025.7	-4.7*	166 15	83.983	-20.469	1014.1	-2.2*
141 21	84.185	-29.578	1021.4	-4.6	167 16	83.955	-20.464	1019.1	0.9*
142 22	84.156	-29.257	1012.2	-4.1	168 17	83.973	-20.495	1021.9	-0.6
143 23	84.113	-28.458	1017.0	-4.5	169 18	84.051	-20.522	1016.6	-0.2
144 24	84.012	-26.898	1020.4	-5.6	170 19	84.027	-20.273	1016.3	1.2
145 25	83.956	-26.059	1018.3	-4.3*	171 20	83.982	-20.037	1017.1	2.1
146 26	83.948	-25.916	1015.3	-3.0	172 21	83.943	-19.998	1020.6	5.7
147 27	83.922	-25.558	1009.6	-3.5	173 22	83.913	-20.068	1023.8	4.6
148 28	83.900	-25.220	1007.6	-3.4	174 23	83.883	-20.224	1027.6	3.9
149 29	83.874	-24.870	1008.1	-3.2	175 24	83.845	-20.297	1028.8	4.3
150 30	83.866	-24.736	1011.7	-2.4	176 25	83.824	-20.319	1024.1	6.4
151 31	83.814	-23.978	1011.3	-3.8	177 26	83.783	-20.356	1022.0	4.5
					178 27	83.710	-20.373	1019.2	3.6
					179 28	83.654	-20.182	1016.4	4.4
					180 29	83.591	-20.065	1018.0	2.5
					181 30	83.578	-19.936	1009.6	2.0

BUOY 12786

BUOY (12786) 90 Jul					BUOY (12786) 90 Aug						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
182	1	83.520	-19.606	1008.0	1.9	213	1	83.506	-12.996	1012.6	
183	2	83.463	-19.143	1004.0	2.0	214	2	83.575	-13.189	1012.9	0.8
184	3	83.427	-18.890	1011.0	3.1	215	3	83.666	-13.553	1016.1	0.9*
185	4	83.380	-18.335	1007.8	3.0	216	4	83.699	-13.610	1016.0	2.2*
186	5	83.354	-18.093	1010.7	3.4	217	5	83.626	-13.854	1010.1	1.3
187	6	83.327	-17.874	1009.0	5.3	218	6	83.532	-14.059	1008.6	1.0
188	7	83.338	-17.630	1001.6	4.6	219	7	83.349	-14.440	1001.1	0.5
189	8	83.350	-17.242	997.6	4.3	220	8	83.136	-14.480	991.6	0.5
190	9	83.275	-17.134	1006.0	2.9	221	9	82.847	-14.159	997.3	0.4
191	10	83.229	-16.913	999.9	4.2	222	10	82.538	-12.765	1006.9	0.3
192	11	83.203	-16.662	1002.7	3.3	223	11	82.407	-12.058	1010.4	1.1
193	12	83.192	-16.469	1004.6	4.0	224	12	82.339	-11.834	1012.0	1.9
194	13	83.229	-16.196	1003.2	2.8	225	13	82.340	-11.349	1015.2	0.4
195	14	83.231	-15.957	1008.2	2.7	226	14	82.378	-10.644	1018.9	0.8
196	15	83.214	-15.765	1014.5	2.3	227	15	82.393	-10.441	1025.3	2.2
197	16	83.195	-15.701	1017.2	1.8	228	16	82.359	-10.537	1027.8	2.2
198	17	83.157	-15.667	1024.1	2.4	229	17	82.350	-10.215	1027.0	1.7
199	18	83.166	-15.555		2.1	230	18	82.329	-9.995	1022.9	1.2
200	19	83.185	-15.349	1008.4	4.0	231	19	82.319	-9.744	1023.4	2.5
201	20	83.180	-15.214	1013.5	3.7	232	20	82.315	-9.270	1017.9	3.1
202	21	83.248	-14.697	1009.4	2.2	233	21	82.363	-8.809	1013.6	1.5
203	22	83.319	-14.043	1009.7	2.3	234	22	82.416	-8.168	1011.6	0.6
204	23	83.387	-13.334	1009.2	2.0	235	23	82.465	-7.630	1014.6	-0.4
205	24	83.471	-12.771	1011.5	1.3	236	24	82.484	-7.419	1017.0	-0.8
206	25	83.514	-12.794	1011.8	1.6	237	25	82.486	-7.119	1016.7	-1.2
207	26	83.538	-12.953	1007.0	1.7	238	26	82.542	-6.338	1014.0	-0.9
208	27	83.547	-12.819	1010.1	1.3	239	27	82.628	-5.514	1012.9	-0.7
209	28	83.539	-12.895	1012.6	3.0	240	28	82.742	-5.046	1013.9	-0.4
210	29	83.505	-12.712	1020.9	2.8	241	29	82.928	-4.168	1016.4	-0.2
211	30	83.513	-12.961	1014.4	1.8	242	30	83.083	-3.933	1015.3	0.4
212	31	83.489	-13.001	1014.7	3.0*	243	31	83.136	-3.642		0.3

BUOY (12786) 90 Sep					BUOY (12786) 90 Oct						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
244	1	83.097	-2.516	1012.8	-1.0	274	1	81.776	-2.504	1007.8	-4.6
245	2	83.053	-3.219	1007.1	-1.9	275	2	81.745	-2.020	1007.9	-6.3
246	3	82.856	-3.011	1008.1	-1.6*	276	3	81.656	-2.145	1013.2	-12.0
247	4	82.733	-3.362	1013.0	-2.2*	281	8	80.642	-4.879	999.5	-12.6
248	5	82.857	-3.469	1013.5	-1.8	282	9	80.448	-5.452	1001.5	-11.9*
249	6	82.929	-2.818	1013.7	-1.4	283	10	80.189	-6.218	1010.3	-11.3*
250	7	82.969	-2.635	1005.1	0.1	284	11	79.883	-6.609	1019.2	-10.3*
251	8	82.964	-2.053	1009.7	0.3	285	12	79.614	-7.185	1020.0	-8.6
254	11	82.933	-0.916	1005.1	0.1	286	13	79.485	-7.287	1008.0	-7.5*
255	12	82.758	-1.573	1012.9	-2.4	287	14	79.421	-7.245	1006.0	-9.7*
256	13	82.590	-2.338	1006.6	-2.0	288	15	79.343	-7.532	1006.4	-7.8
257	14	82.558	-2.455	1010.7	-1.3	289	16	79.105	-8.187	1006.9	-7.9
258	15	82.590	-3.442	1002.9	0.0	290	17	78.904	-8.128		-7.3
259	16	82.638	-3.629	1002.6	-1.6						
260	17	82.620	-4.349	1004.3	-2.1						
261	18	82.498	-5.886	991.4	-2.4						
262	19	82.328	-5.891	1005.0	-3.0						
263	20	82.151	-6.050	1023.9	-4.3*						
264	21	82.037	-6.259	1025.0	-4.6*						
265	22	82.008	-5.815	1022.0	-2.3						
266	23	81.949	-5.613	1022.5	-4.6						
267	24	81.919	-5.217	1015.8	-4.2						
268	25	81.855	-4.901	1012.6	-5.8						
269	26	81.860	-4.320	1002.6	-4.0						
270	27	81.832	-4.175	999.6	-3.4						
271	28	81.720	-4.097	1019.0	-9.6						
272	29	81.671	-3.821	1017.5	-10.9						
273	30	81.717	-3.356	1008.9	-8.4*						

BUOY 12787

BUOY(12787) 90 Mar				BUOY(12787) 90 Apr							
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
82	23	84.989	-26.218	1012.2	-32.7	91	1	84.076	-16.303	1016.7	-22.6
83	24	84.984	-26.244	1017.4	-34.1	92	2	83.990	-15.875	1021.8	-24.7
84	25	84.985	-26.222	993.0	-31.2	93	3	83.970	-15.633	1013.6	-26.2
85	26	84.953	-25.739	984.4	-31.7	94	4	83.928	-15.308	1015.3	-25.1
86	27	84.740	-24.171	977.9	-28.5	95	5	83.836	-14.588	1017.0	-21.7
87	28	84.543	-21.900	982.9	-24.1	96	6	83.759	-13.614	1009.3	-16.8
88	29	84.449	-20.172	991.9	-24.7	97	7	83.690	-13.126	1002.5	-15.5
89	30	84.314	-18.505		-23.8	98	8	83.652	-12.938	1003.8	-23.4
90	31	84.200	-17.284	1013.2	-23.3	99	9	83.593	-12.518	994.9	-23.8
						100	10	83.566	-12.360	989.1	-21.6
						101	11	83.509	-12.617	969.2	-22.6*
						102	12	83.421	-12.323	969.7	-18.2*
						108	18	82.656	-8.190		-11.4*

BUOY(12787) 90 May				BUOY(12787) 90 Jun							
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
128	8	79.673	-6.565	1012.1	-6.6	179	28	77.174	-7.933		0.9*
						180	29	77.174	-8.635	1013.3	1.3*

BUOY 12787

BUOY (12787) 90 Jul					BUOY (12787) 90 Aug						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
188	7	77.515	-8.870	1003.2	1.9*	214	2	78.081	-11.778	1013.9	0.9*
197	16	77.618	-9.930	1019.2	0.9*	215	3	78.124	-11.835	1011.0	0.9
198	17	77.639	-10.328		0.9	216	4	78.131	-12.003	1013.7	0.9
201	20	77.705	-10.519	1013.5	1.3	217	5	78.126	-12.126	1011.0	1.4
204	23	77.727	-10.858	1014.6	1.1*	218	6	78.094	-12.200		1.8
207	26	77.841	-10.708	1010.6	1.2	219	7	78.020	-12.367	1005.6	1.4
208	27	77.933	-10.990	1012.5	1.2	220	8	77.983	-12.704	998.6	1.2
209	28	77.952	-11.658	1018.0	1.2	221	9	77.942	-13.092	1001.4	0.9
						226	14	77.962	-13.810	1014.0	0.5*
						227	15	77.965	-14.395	1018.8	0.4*
						228	16	77.890	-14.743	1024.3	0.4
						229	17	77.903	-15.287	1024.5	0.3*
						230	18	77.912	-15.708	1021.6	-0.1*
						235	23	78.388	-17.362	1016.0	0.6
						236	24	78.493	-17.400	1016.6	0.8
						239	27	78.595	-17.369		-0.5*

BUOY (12787) 90 Sep					BUOY (12787) 90 Oct						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
244	1	78.601	-17.423		-1.1*	274	1	77.794	-18.389	1007.4	-2.8
245	2	78.513	-17.691	1004.1	-0.5*	275	2	77.792	-18.386	1007.2	-3.1
246	3	78.331	-18.068	1011.3	-0.8*	276	3	77.792	-18.405	1012.8	-3.3
247	4	78.358	-18.133	1012.9	-1.3	279	6	77.797	-18.379	1011.8	-3.5*
248	5	78.474	-18.053	1013.7	-0.7	280	7	77.793	-18.401	1009.3	-3.2
249	6	78.563	-17.920	1010.6	-0.7	281	8	77.790	-18.374	1003.0	-3.0
254	11	78.633	-17.834	1005.4	-1.4*	288	15	77.793	-18.390	1009.3	-2.8
260	17	78.459	-18.325		-1.5*	289	16	77.793	-18.371	1012.3	-2.7
261	18	78.312	-18.432	1005.7	-2.4	290	17	77.791	-18.391	1010.4	-2.9
262	19	78.174	-18.292	1007.8	-5.4	291	18	77.792	-18.383	1011.0	-3.0
263	20	78.104	-18.202	1021.9	-5.6	292	19	77.794	-18.392	1018.0	-3.4
266	23	78.029	-18.195	1023.3	-8.3	297	24	77.794	-18.417	1009.5	-3.7*
267	24	78.034	-18.193	1016.1	-9.6	298	25	77.792	-18.387	1011.3	-3.8*
268	25	78.038	-18.157	1015.9	-8.6	299	26	77.792	-18.394	1012.5	-3.7
269	26	78.035	-18.128	994.0	-7.1	300	27	77.792	-18.385	1011.8	-3.5*
270	27	77.940	-18.181	1003.2	-5.4						
271	28	77.795	-18.379	1015.0	-4.0						
272	29	77.795	-18.398	1018.0	-2.4						
273	30	77.793	-18.396	1011.9	-2.2						

BUOY 12787

BUOY(12787)		LAT	LON	P	T	BUOY(12787)		LAT	LON	P	T
90 Nov		(N)	(+E, -W)	(MB)	(C)	90 Dec		(N)	(+E, -W)	(MB)	(C)
305	1	77.794	-18.385	1029.3	-4.4*	338	4	77.795	-18.396	1018.2	-7.7
306	2	77.792	-18.387	1025.4	-4.6	340	6	77.791	-18.388	1020.4	-8.9*
307	3	77.793	-18.389	1018.6	-4.7*	344	10	77.794	-18.393	1002.8	-6.8
308	4	77.794	-18.368	1012.8	-4.9*	345	11	77.794	-18.390	1009.2	-6.8
318	14	77.793	-18.394	1019.9	-6.2*	352	18	77.794	-18.394		-7.9*
326	22	77.794	-18.397	1020.9	-7.1	353	19	77.792	-18.390	1027.5	-7.9
327	23	77.794	-18.386	1029.8	-7.7	355	21	77.796	-18.387	1001.2	-9.7*
						356	22	77.794	-18.389		-10.0*

BUOY 12788

BUOY (12788) 90 Mar					BUOY (12788) 90 Apr						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
82	23	89.919	-43.694	1015.5	-34.6	91	1	89.402	-14.685	1009.5	-27.2
83	24	89.881	-21.263	1009.8	-32.7	92	2	89.348	-12.338	1013.6	-29.6
84	25	89.861	-11.382	998.3	-33.7	93	3	89.290	-7.922	1008.6	-28.1
85	26	89.883	-16.204	988.4	-33.5	94	4	89.244	-4.716	1006.1	-27.9
86	27	89.855	-16.597	970.2	-24.1	95	5	89.176	-1.592	1000.5	-25.9
87	28	89.766	-11.839	963.5	-16.6	96	6	89.092	0.426	998.5	-26.6
88	29	89.654	-23.400	983.3	-18.0	97	7	89.019	0.846	999.2	-31.6
89	30	89.541	-22.512	1003.1	-22.2	98	8	88.999	0.584	1002.5	-31.1
90	31	89.481	-16.881	1000.4	-24.7	99	9	88.957	0.395	993.2	-31.4
						100	10	88.953	0.249	994.2	-33.4
						101	11	89.004	-3.039	993.5	-28.6
						102	12	89.038	-11.855	992.1	-19.4
						103	13	88.957	-17.759	977.6	-18.1
						104	14	88.811	-19.518	978.3	-18.3
						105	15	88.710	-17.741	1004.2	-20.2
						106	16	88.691	-16.039	1021.8	-21.3
						107	17	88.685	-16.417	1017.6	-18.8
						108	18	88.664	-16.367	1016.3	-16.3
						109	19	88.653	-18.601	1006.2	-12.8
						110	20	88.665	-19.218	995.6	-9.5
						111	21	88.631	-20.370	997.3	-8.1
						112	22	88.533	-21.650	1022.9	-15.6
						113	23	88.495	-20.822	1027.1	-17.3
						114	24	88.445	-20.023	1020.3	-18.8
						115	25	88.369	-19.589	1018.9	-18.4
						116	26	88.317	-16.835	1005.1	-18.9
						117	27	88.337	-12.574	992.8	-16.6
						118	28	88.354	-12.404	988.4	-14.1

BUOY (12788) 90 May					BUOY (12788) 90 Jun						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
122	2	88.045	-3.347	992.0	-14.4	152	1	85.363	4.630	1004.3	0.3*
123	3	87.963	-0.142	987.3	-13.0	155	4	85.276	6.594	997.1	0.1
124	4	87.944	2.665	982.7	-10.6	156	5	85.317	7.400	1004.6	1.0
125	5	87.895	3.255	988.9	-9.4	157	6	85.331	8.185	1011.1	1.8
126	6	87.834	2.155	1002.5	-11.7	158	7	85.344	8.834	1014.3	1.7
127	7	87.727	1.355	1008.0	-10.9	159	8	85.321	9.258		2.9
128	8	87.543	1.679		-9.3	160	9	85.323	9.280	1019.2	2.4*
129	9	87.517	-0.895	1020.4	-9.6	161	10	85.349	9.535	1014.4	2.2*
130	10	87.412	-1.091		-8.1*	162	11	85.339	9.739	1012.6	2.7
131	11	87.410	-1.205	1014.7	-6.2*	163	12	85.293	9.798	1014.2	1.8
132	12	87.404	-1.106	1019.6	-5.9	164	13	85.275	9.784	1013.8	2.3
133	13	87.363	-0.752	1016.1	-6.3	165	14	85.284	9.558	1010.9	1.1
134	14	87.304	-0.157	1010.3	-8.0	166	15	85.266	9.386	1013.8	3.0
135	15	87.215	0.447	1006.5	-7.5	167	16	85.248	9.344	1018.6	3.3
136	16	87.053	1.513	1000.6	-5.1	168	17	85.211	9.127	1025.9	2.3
137	17	86.956	0.965	1012.5	-3.1	169	18	85.237	9.434	1020.7	1.1
138	18	86.833	0.933	1013.3	-1.8	170	19	85.247	9.877	1015.4	2.3
139	19	86.703	1.470		-1.2*	171	20	85.219	10.470	1014.2	2.2
140	20	86.519	2.071	1015.2	-3.5	172	21	85.154	10.557	1017.4	2.1
141	21	86.352	2.671	1008.2	-4.4	173	22	85.089	10.175	1021.3	2.0
142	22	86.176	3.312	1005.5	-4.8	174	23	85.039	9.500	1024.4	2.1
143	23	86.049	4.209	1006.3	-5.4	175	24	84.985	9.026	1025.3	2.6
144	24	85.885	4.638	1009.2	-3.4	176	25	84.926	8.532	1020.4	2.9
145	25	85.782	4.641	1014.8	-1.3	177	26	84.876	7.973	1017.8	2.4
146	26	85.722	5.051	1012.7	-1.7	178	27	84.821	7.513	1015.6	3.0
147	27	85.683	5.227	1009.3	-0.8	179	28	84.746	7.522	1011.3	3.0
148	28	85.650	5.201	1005.1	0.3						
149	29	85.607	4.977	1005.0	-1.3						
150	30	85.558	4.709	1007.4	-2.0						
151	31	85.461	4.804	1004.9	-1.7						

BUOY 12788

BUOY(12788) 90 Jul					BUOY(12788) 90 Aug						
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)			
182	1	84.446	7.049	1001.8	1.6	213	1	84.187	15.072	1017.1	1.7
183	2	84.348	7.505	1000.8	2.1	214	2	84.184	15.052		1.5
184	3	84.300	7.392	1007.5	1.7	215	3	84.186	14.775	1024.2	1.3
185	4	84.240	8.123	1005.9	2.1						
186	5	84.208	8.280	1010.4	3.3						
187	6	84.179	8.310	1009.0	3.8						
188	7	84.168	8.626	1005.9	3.3						
189	8	84.177	9.238	1000.6	2.9						
190	9	84.140	9.191	1002.6	2.2						
191	10	84.091	9.001	1000.9	2.5						
192	11	84.076	9.237	1002.6	3.7						
193	12	84.057	9.339	1007.9	3.8						
194	13	84.094	9.525	1009.3	2.3						
195	14	84.144	9.900	1011.9	2.1						
196	15	84.152	9.985	1015.0	2.7						
197	16	84.138	10.161	1020.2	2.5						
198	17	84.120	10.335	1023.9	2.4						
199	18	84.112	10.195	1020.1	2.9						
200	19	84.123	10.559	1013.8	2.4						
201	20	84.114	11.347	1020.2	1.6						
202	21	84.165	11.775	1019.3	2.7						
203	22	84.215	12.164	1017.2	2.8						
204	23	84.237	12.443	1015.0	2.9						
205	24	84.258	12.805	1018.6	2.6						
206	25	84.278	12.923	1017.1	2.2						
207	26	84.328	12.853	1012.7	1.9*						
208	27	84.364	13.171	1008.3	1.8*						
209	28	84.295	13.567	1020.4	1.8						
210	29	84.291	14.214	1019.7	1.7						
211	30	84.278	14.310	1016.2	1.8						
212	31	84.242	14.711	1014.4	1.5						

BUOY 12789

BUOY (12789) 90 Mar					BUOY (12789) 90 Apr						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
82	23	82.034	165.452	1022.2	-27.9	93	3	82.461	166.985	994.6	-24.9
83	24	82.127	165.751	1012.5	-23.3	94	4	82.495	166.926	994.1	-27.6
84	25	82.187	165.835	995.1	-14.5	95	5	82.550	166.988	993.2	-32.1
85	26	82.186	165.958	994.3	-21.4	96	6	82.575	167.071	1004.4	-27.9
86	27	82.122	166.558	995.5	-26.1	97	7	82.642	167.312	999.1	-16.6
87	28	82.040	167.513	1002.0	-18.8*	98	8	82.725	167.470	995.7	-10.3
88	29	82.118	167.869	995.4	-22.7	99	9	82.806	167.548	994.6	-10.3
89	30	82.220	167.759	994.4	-23.6	100	10	82.778	167.980	1014.4	-20.4
90	31	82.277	167.566	998.5	-26.5	101	11	82.767	168.747	1023.4	-21.5
						102	12	82.761	168.810	1021.0	-21.9
						103	13	82.759	168.924	1013.6	-23.2
						104	14	82.850	169.589	993.0	-20.7
						105	15	82.911	169.698		-16.0
						106	16	82.963	169.482	1005.5	-15.2
						107	17	82.982	168.787	1016.8	-20.7
						108	18	82.979	168.259	1018.4	-21.0
						109	19	82.991	168.016	1021.7	-19.6
						110	20	82.994	168.131	1015.3	-19.1
						111	21	83.020	168.174	1014.2	-17.4*
						112	22	83.071	167.917	1012.2	-15.7*
						113	23	83.084	167.099	1006.9	-15.8
						114	24	83.125	166.736	1013.4	-17.2
						115	25	83.183	166.293	997.8	-17.2
						116	26	83.159	165.991	989.1	-16.0
						117	27	83.127	166.797	998.1	-17.9
						118	28	83.153	167.264	1001.9	-16.3

BUOY (12789) 90 May					BUOY (12789) 90 Jun						
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)				
122	2	83.293	169.932	977.7	-4.3	152	1	85.805	172.292	996.4	0.3
123	3	83.346	170.596	977.6	-8.1	155	4	85.826	173.092	1004.6	1.0
124	4	83.381	171.392	989.6	-10.2	156	5	85.744	173.707	1009.2	0.2*
125	5	83.421	171.618	1004.2	-10.3	157	6	85.655	174.269	1008.4	0.9
126	6	83.522	171.517	998.8	-8.2	158	7	85.622	174.175	1013.6	1.2
127	7	83.636	171.738	1005.1	-6.3	159	8	85.628	174.277	1010.0	1.8
128	8	83.745	172.317	1019.8	-3.9	160	9	85.690	173.833	1022.3	0.4
129	9	83.841	172.243	1022.5	-5.0	161	10	85.660	173.669	1021.7	0.7
130	10	83.897	172.039	1013.6	-5.7	162	11	85.652	174.321	1010.6	0.2
132	12	83.968	171.616	1012.8	-3.5	163	12	85.724	174.271	1005.2	1.8
133	13	84.001	171.384	1007.6	-2.6	164	13	85.804	172.833	999.8	-0.2
134	14	84.045	171.375	1006.0	-3.2*	165	14	85.835	171.061	1002.7	-0.3
135	15	84.139	171.607	1001.5	-2.9*	166	15	85.839	169.456	1002.8	-0.4
136	16	84.250	172.145	1006.6	-1.8	167	16	85.870	168.140	1008.1	1.3
137	17	84.352	171.990	1005.3	-1.4	168	17	85.940	167.457	1016.8	1.9
138	18	84.470	171.674	1001.5	0.8	169	18	85.975	166.775	1019.6	3.0
139	19	84.581	171.362	1003.4	2.1	170	19	85.993	166.252	1018.2	5.0
140	20	84.687	171.287	1005.5	2.3	171	20	86.016	166.009	1015.8	8.0
141	21	84.759	171.390	1003.7	0.9	172	21	86.051	165.709	1019.5	7.0
142	22	84.856	171.976	997.3	-2.1	173	22	86.089	164.973	1021.0	3.9
143	23	84.994	172.168	998.5	-0.9	174	23	86.119	163.515	1018.0	2.7
144	24	85.122	172.072	1005.1	0.5	175	24	86.169	161.958	1018.1	2.6
145	25	85.218	171.373	1002.2	-0.7	176	25	86.207	160.501	1015.6	3.4
146	26	85.312	170.948	1005.2	0.4	177	26	86.264	159.827	1015.8	2.1
147	27	85.393	171.028	1010.3	-0.3	178	27	86.332	159.075	1010.3	2.5
148	28	85.442	171.083	1009.8	-1.0	179	28	86.425	159.029	1011.9	2.0
149	29	85.469	171.413	1016.0	-1.6	180	29	86.533	159.262	1013.0	1.7
150	30	85.576	172.223	1013.8	0.6	181	30	86.605	159.731	1006.6	1.7
151	31	85.694	172.403	1008.8	-0.4						

BUOY 12789

BUOY(12789) 90 Jul					BUOY(12789) 90 Aug						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
182	1	86.693	160.482	1001.7	1.6	213	1	86.089	154.500	1012.2	2.0
183	2	86.724	160.955	1004.3	1.7	214	2	86.115	154.555	1024.4	2.6
184	3	86.741	161.225	1004.3	1.2	215	3	86.151	154.521	1025.0	3.0
185	4	86.772	161.819	1004.5	1.7	216	4	86.228	155.050	1022.9	1.9
186	5	86.795	161.497	1008.7	2.4	217	5	86.307	155.943	1019.0	1.9
187	6	86.756	159.868	1000.4	0.1	218	6	86.398	156.743	1013.5	1.6
188	7	86.625	158.982	995.4	0.3	219	7	86.493	157.802	1010.6	1.3
189	8	86.509	159.240	988.5	1.1	220	8	86.605	160.050	1001.7	1.0
190	9	86.404	159.491	999.9	1.8	221	9	86.608	161.121	1008.1	1.2
191	10	86.385	159.943	1005.8	2.1	222	10	86.643	161.265	1001.8	1.0
192	11	86.384	161.397	999.0	1.7	223	11	86.629	160.297	1000.8	0.8
193	12	86.361	162.087	1005.8	4.1	224	12	86.562	160.379	1007.1	0.6
194	13	86.390	161.578	1010.2	2.0	225	13	86.576	161.270	1012.2	1.1
195	14	86.399	160.254	1015.7	2.1	226	14	86.646	161.615	1016.9	1.1
196	15	86.406	159.667	1015.2	2.4	227	15	86.735	161.615	1020.3	1.8
197	16	86.433	158.683	1015.6	1.2	228	16	86.828	161.200	1024.9	1.4
198	17	86.417	156.679	1008.6	0.4	229	17	86.898	160.967	1028.3	2.2
199	18	86.396	154.768	1010.9	0.7	230	18	86.930	160.825	1029.4	1.2
200	19	86.311	153.473	1012.2	0.1	231	19	86.953	160.553	1027.2	1.2
201	20	86.262	153.869	1011.8	1.3	232	20	86.982	160.593	1025.3	1.6
202	21	86.240	153.568	1022.5	2.7	233	21	87.000	161.012	1023.1	1.1
203	22	86.150	154.252	1018.0	1.8*	234	22	87.006	161.632	1022.9	1.0
204	23	86.069	154.417	1015.8	1.7	235	23	87.014	162.387	1026.4	0.9
205	24	86.025	154.308	1020.6	1.9	236	24	87.062	162.158	1019.5	0.1
206	25	86.006	154.402	1022.2	1.9	237	25	87.123	162.308	1015.4	-0.8
207	26	85.981	154.615	1021.0	1.9	238	26	87.153	162.308	1011.9	-0.2
208	27	85.967	155.365	1013.7	1.9	239	27	87.182	161.105	1009.2	-1.2
209	28	85.947	156.498	1010.7	1.4*	240	28	87.164	159.643	1014.8	-2.0
210	29	85.953	156.418	1014.1	2.4	241	29	87.137	158.998	1017.9	-3.4
211	30	86.001	155.351	1014.9	1.5	242	30	87.086	158.633	1017.5	-1.0
212	31	86.039	154.744	1012.5	1.8	243	31	86.996	158.169	1017.6	-0.5

BUOY(12789) 90 Sep					BUOY(12789) 90 Oct						
LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)			
244	1	86.963	158.873	1014.2	-1.8	274	1	85.851	166.028	1009.3	-14.6
245	2	86.981	160.021	1023.1	-1.6	275	2	85.798	167.044	1005.0	-11.2
246	3	86.965	161.707	1017.1	-0.3	276	3	85.782	167.130	1010.0	-15.1
247	4	86.891	164.637	1009.4	-0.2	277	4	85.806	167.163	1007.7	-16.0
248	5	86.820	165.807	1015.7	-1.2	278	5	85.811	167.139	1002.9	-20.5
249	6	86.781	165.561	1011.2	-4.8	279	6	85.896	166.191		-18.1
250	7	86.729	165.249	1009.1	-3.7	280	7	85.914	165.610	1012.3	-15.4
251	8	86.639	165.265	1006.4	-0.1	281	8	85.946	166.026	1009.9	-14.0
252	9	86.603	164.606	1016.9	-5.3*	282	9	86.016	167.285	1010.2	-11.9
253	10	86.547	165.160	1004.1	-3.5	283	10	86.081	167.631	1015.6	-14.6
254	11	86.399	165.335	983.7	0.3	284	11	86.145	166.828	1015.1	-14.3*
255	12	86.291	163.046	1008.8	-4.0	285	12	86.197	165.934	1018.2	-14.0*
256	13	86.241	161.770	1021.1	-6.2	286	13	86.255	165.211	1015.8	-13.3
257	14	86.206	162.189	1017.6	-4.4	287	14	86.308	164.554	1016.7	-12.7
258	15	86.135	161.931	1021.5	-1.7	288	15	86.330	164.177	1018.0	-13.6
259	16	86.112	162.180	1023.2	-3.0	289	16	86.331	163.686	1012.9	-14.7
260	17	86.135	162.960	1023.7	-3.3	290	17	86.325	163.888	1006.7	-15.4
261	18	86.161	164.228	1021.5	-2.1	291	18	86.400	164.823	983.2	-14.5
262	19	86.151	165.000	1021.9	-2.5	292	19	86.548	165.627	971.4	-12.7
263	20	86.054	165.603	1020.8	-2.6	293	20	86.533	164.921	991.2	-15.4
264	21	85.970	165.241	1022.3	-3.3	294	21	86.492	164.997	1003.9	-18.2
265	22	85.959	164.934	1022.9	-9.0	295	22	86.476	164.976	1014.4	-17.3
266	23	85.915	164.926	1010.3	-5.3	296	23	86.530	164.859	1012.7	-16.4
267	24	85.908	164.097	1013.1	-10.8	297	24	86.585	165.296	1014.2	-19.0
268	25	85.916	163.717	1016.8	-12.8	298	25	86.622	165.489	1016.1	-21.0
269	26	85.889	163.364	1014.2	-12.8	299	26	86.697	165.705	1010.5	-18.8
270	27	85.866	163.769	1011.5	-11.6	300	27	86.744	165.705	1010.0	-18.8
271	28	85.845	164.677	1011.7	-12.3	301	28	86.786	165.354	1006.7	-17.4
272	29	85.854	165.230	1012.9	-13.8	302	29	86.831	164.825	1004.7	-15.4
273	30	85.870	165.452	1012.8	-13.9	303	30	86.909	163.983	1002.6	-16.8
						304	31	86.983	163.644	1015.1	-20.7

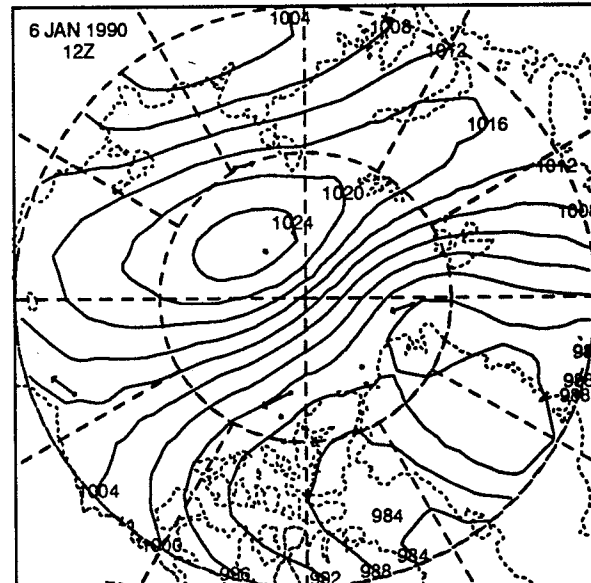
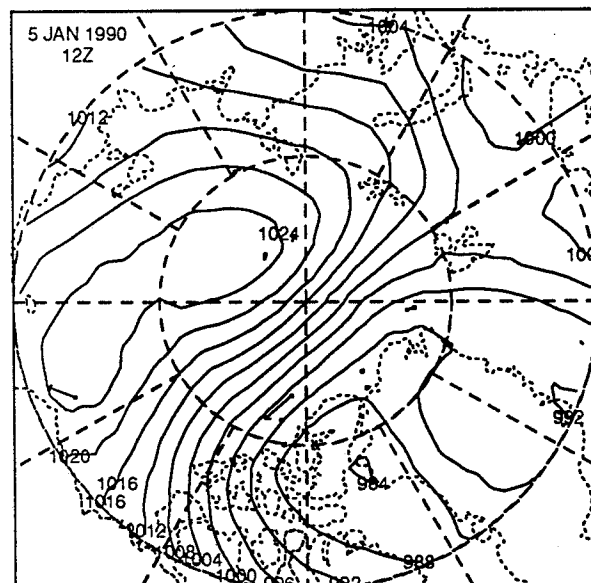
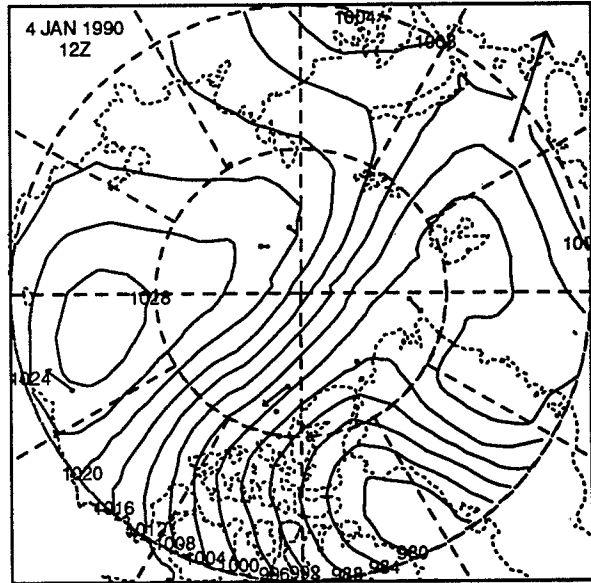
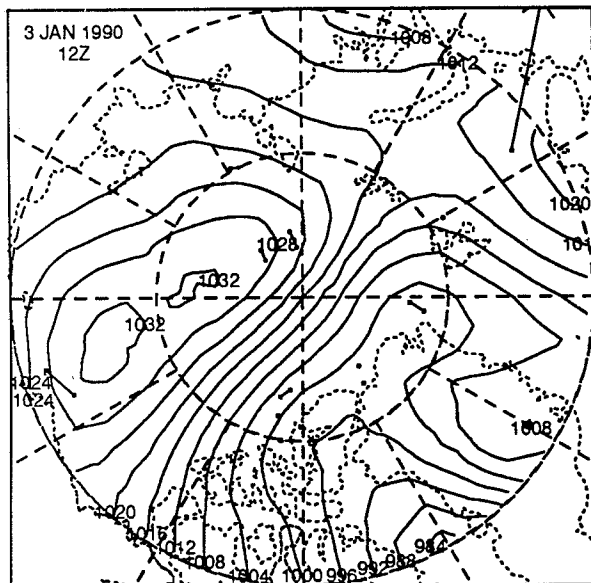
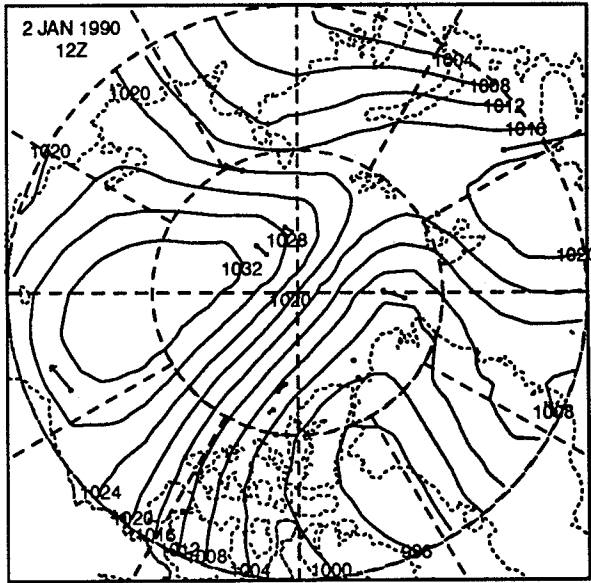
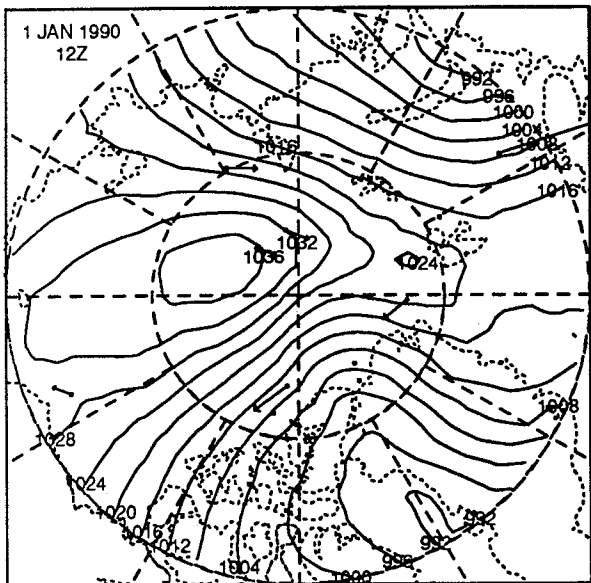
BUOY 12789

BUOY (12789) 90 Nov					BUOY (12789) 90 Dec						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
305	1	87.009	162.834	1016.4	-21.5	335	1	87.953	165.938	1018.2	-27.8
306	2	87.006	161.784	1011.3	-22.3						
307	3	87.011	161.025	1011.2	-24.2						
308	4	87.006	160.698	1012.3	-27.1						
309	5	87.003	160.902	1013.2	-27.6						
310	6	86.994	161.481	1011.6	-26.9						
311	7	86.996	162.666	1008.9	-22.5						
312	8	87.062	164.373	1002.7	-21.5						
313	9	87.045	164.938	1013.8	-18.1*						
314	10	87.055	165.422	1018.1	-21.5*						
315	11	87.085	165.533	1020.2	-25.9*						
316	12	87.149	165.584	1022.7	-26.7						
317	13	87.233	165.260	1023.4	-25.0						
318	14	87.321	164.931	1021.5	-23.9						
319	15	87.384	165.001	1018.1	-25.2						
320	16	87.384	165.400	1022.5	-27.1						
321	17	87.361	165.832	1027.3	-28.4						
322	18	87.334	166.689	1024.7	-26.7						
323	19	87.317	167.581	1029.1	-27.2						
324	20	87.336	167.840	1034.1	-28.3						
325	21	87.381	168.153	1030.5	-27.9						
326	22	87.485	167.977	1018.1	-25.8						
327	23	87.676	166.620	1011.0	-20.3						
328	24	87.817	165.930	1024.9	-22.6						
329	25	87.854	165.168	1027.7	-28.1						
330	26	87.876	164.733	1026.6	-30.8						
331	27	87.896	165.031	1025.7	-30.1						
332	28	87.929	165.053	1023.5	-29.9						
333	29	87.954	165.132	1017.4	-30.5						
334	30	87.957	165.309	1013.8	-30.4						

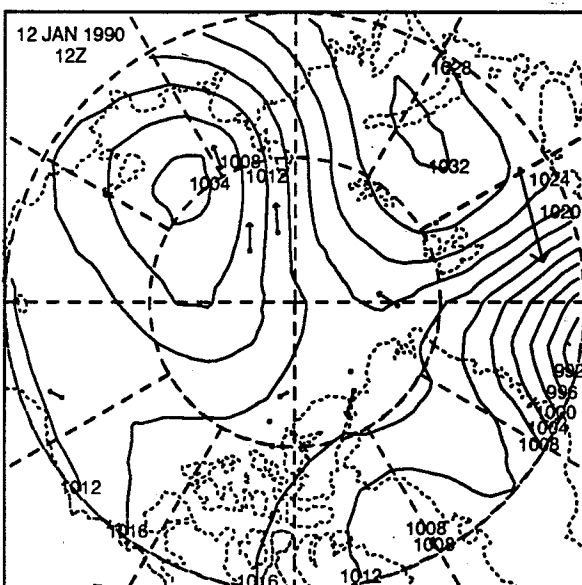
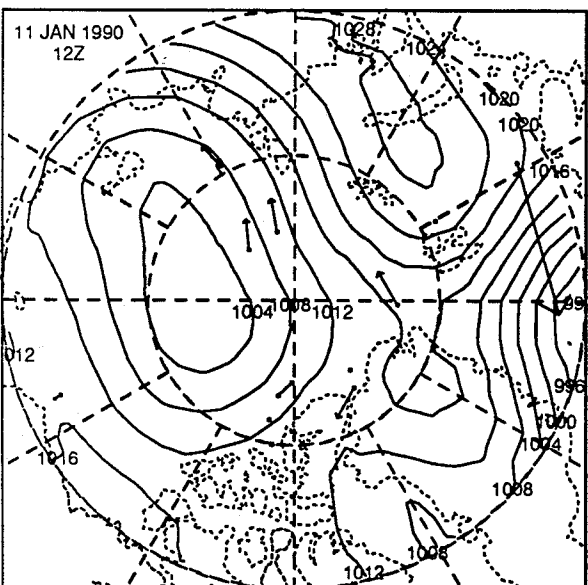
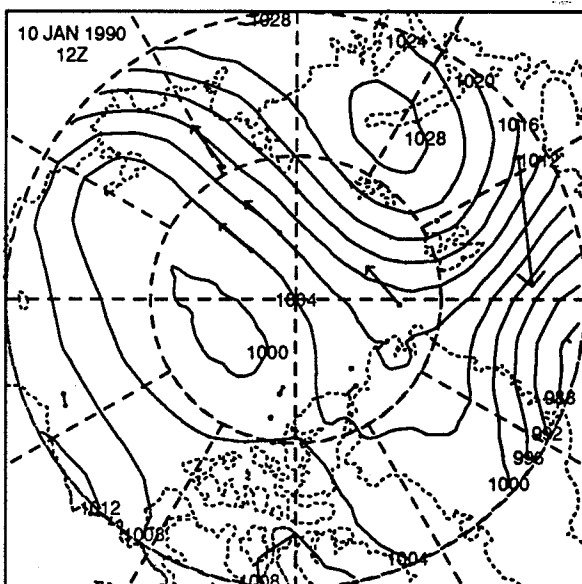
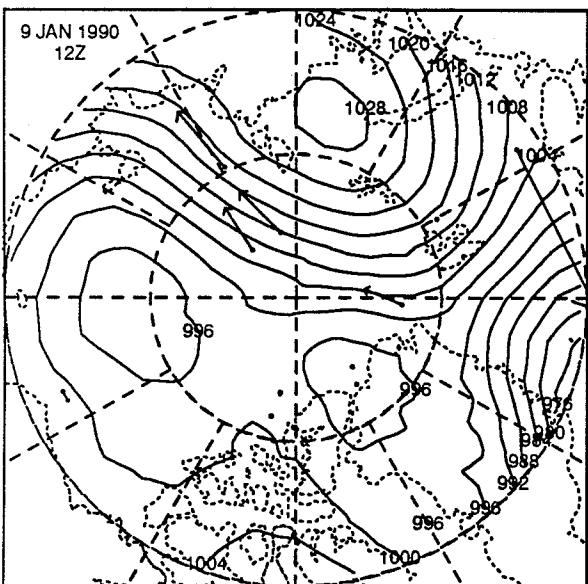
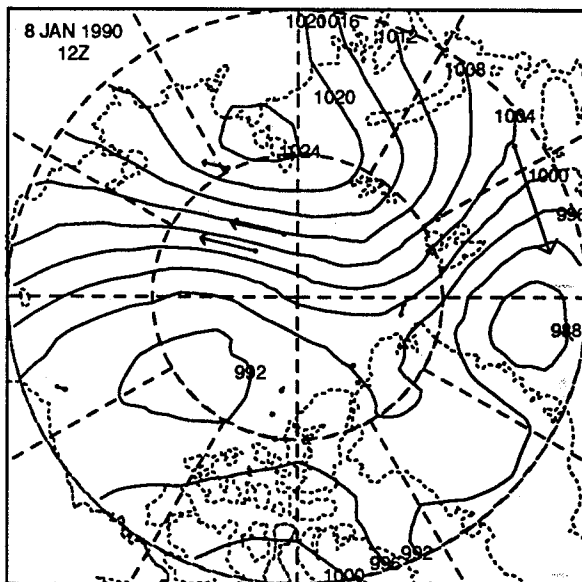
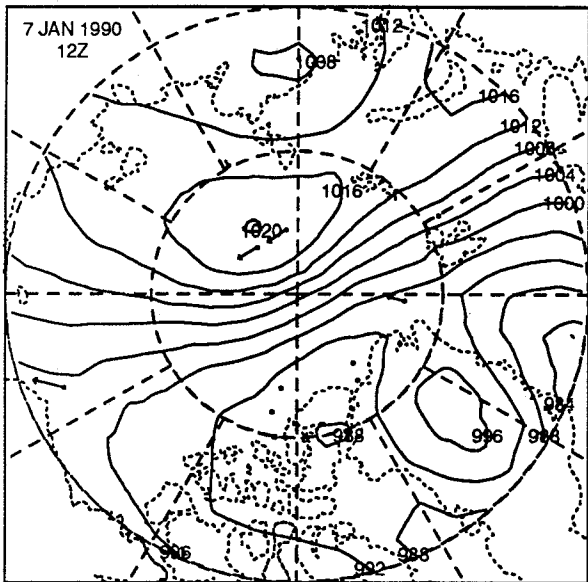
Graphical Data

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 1 cm corresponds to a displacement of 20 km. Buoy positions and displacements were not plotted when the data did not permit good displacement estimates. Usually the pressure measurements were still reliable at these times and were used to construct the pressure field.

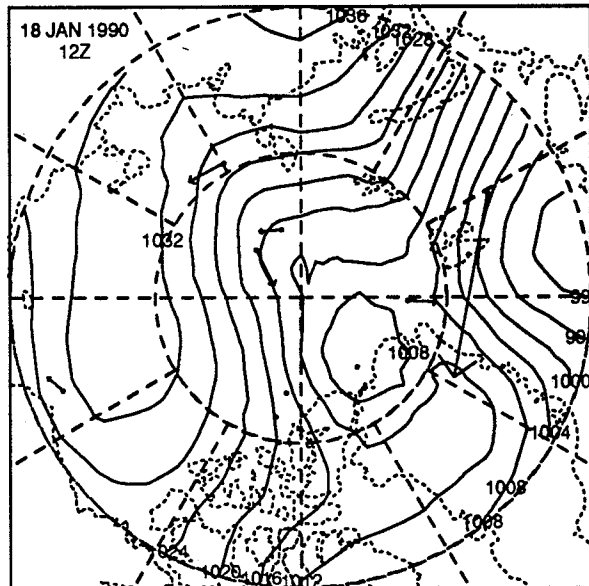
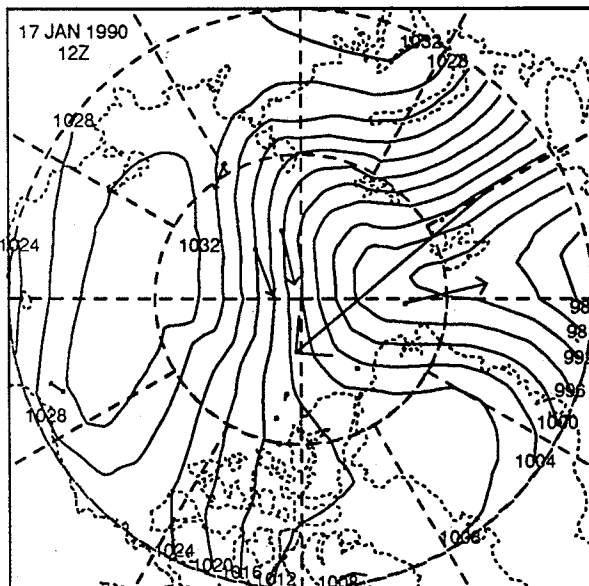
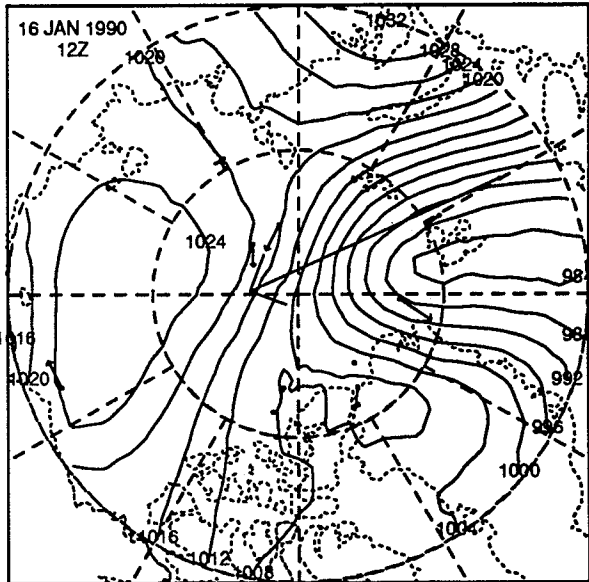
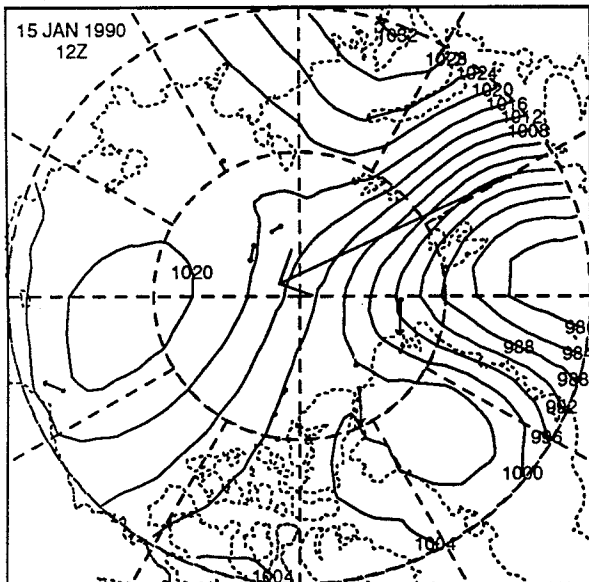
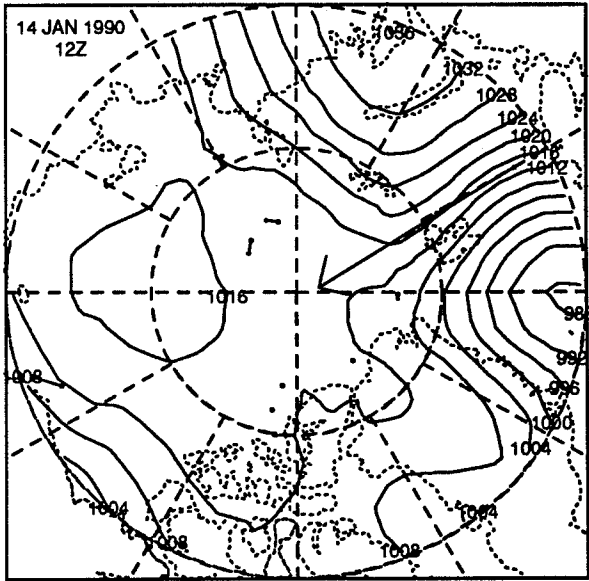
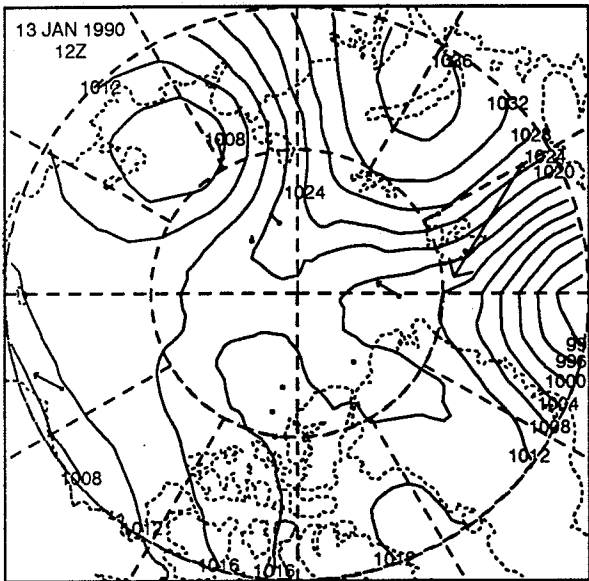
1 JAN 1990 - 6 JAN 1990

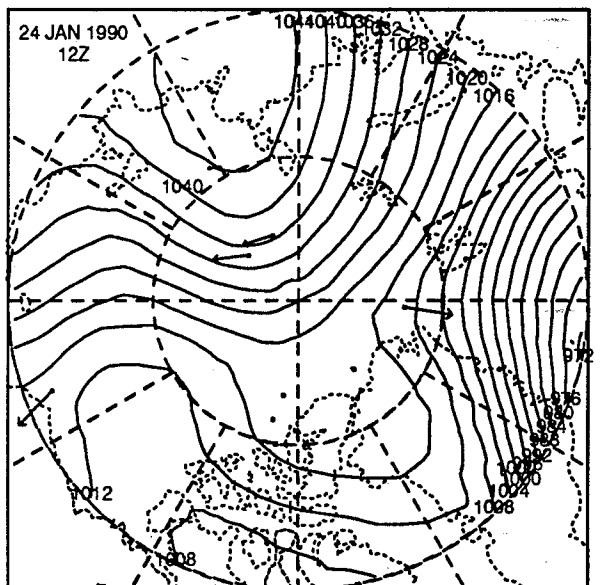
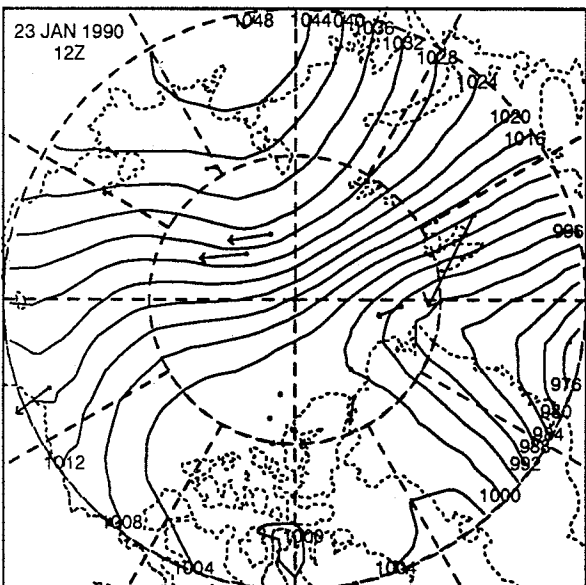
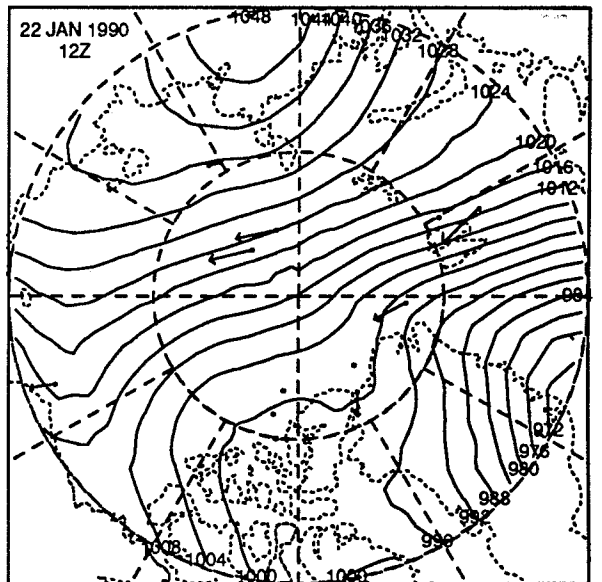
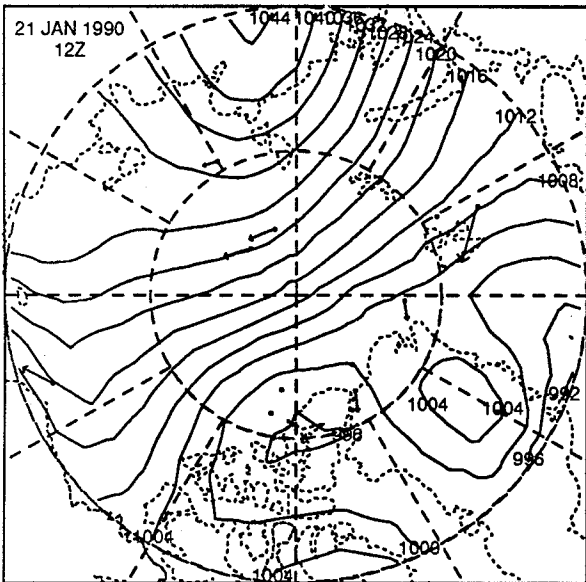
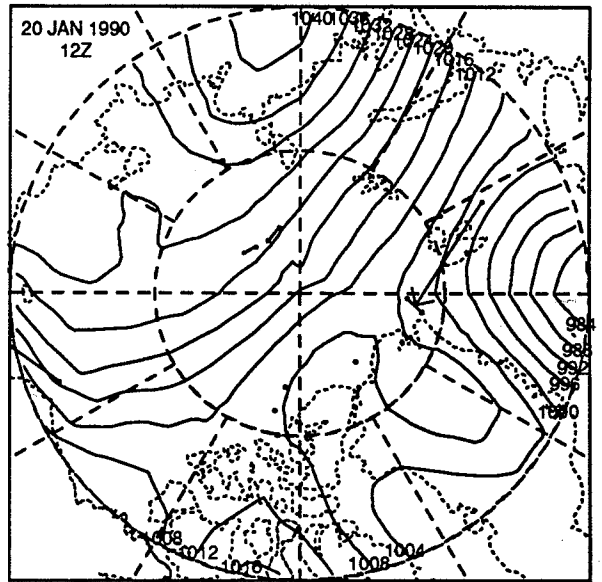
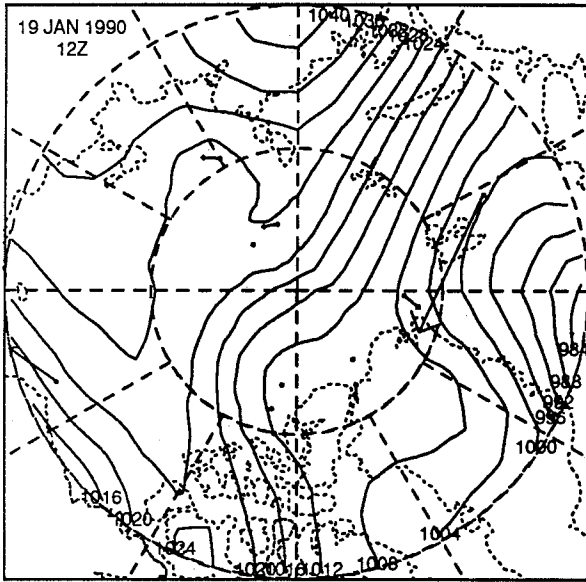


7 JAN 1990 - 12 JAN 1990

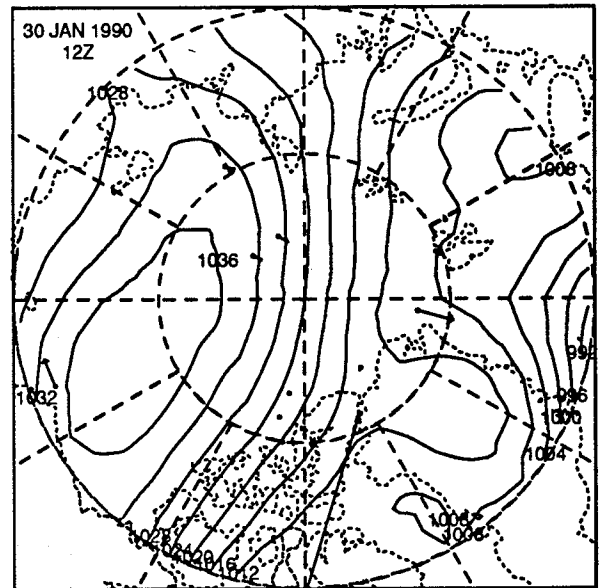
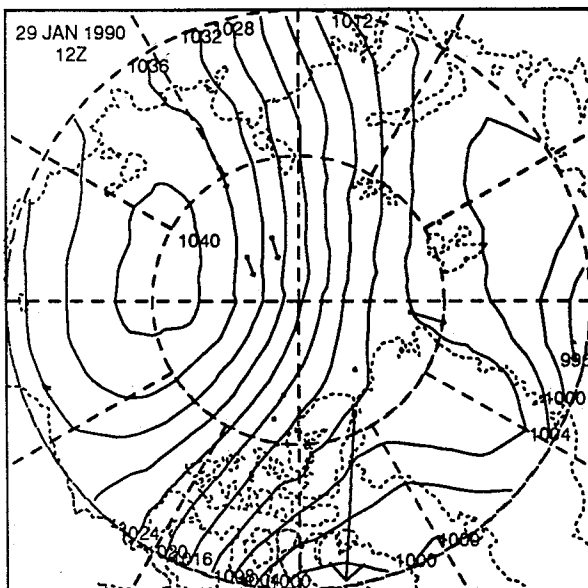
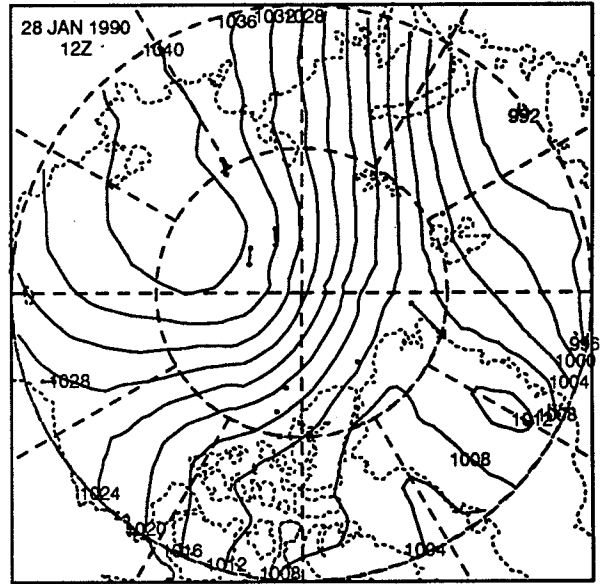
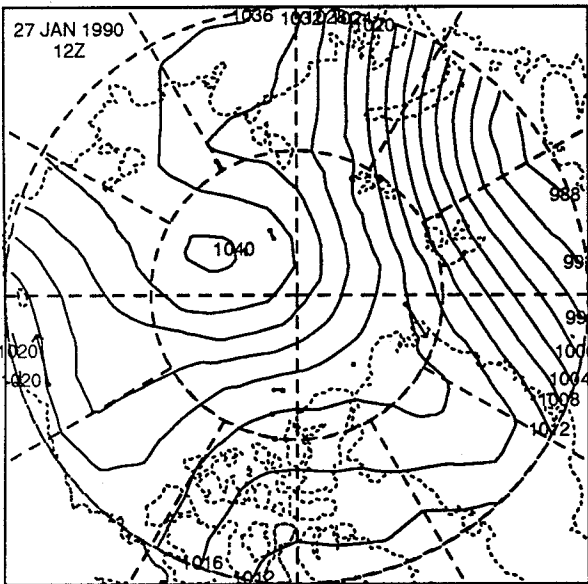
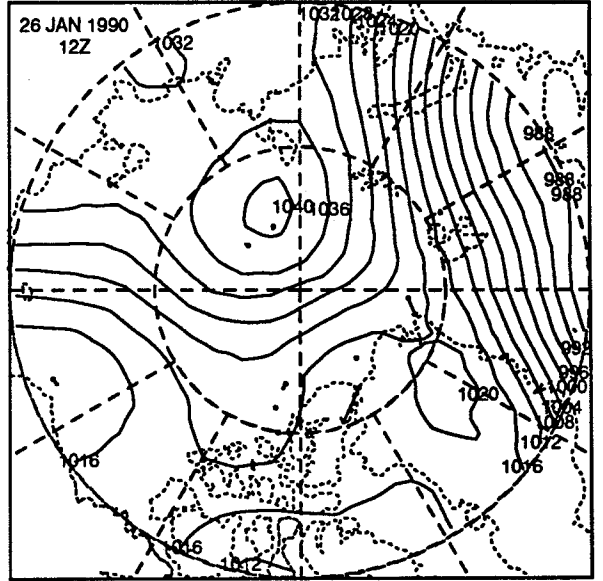
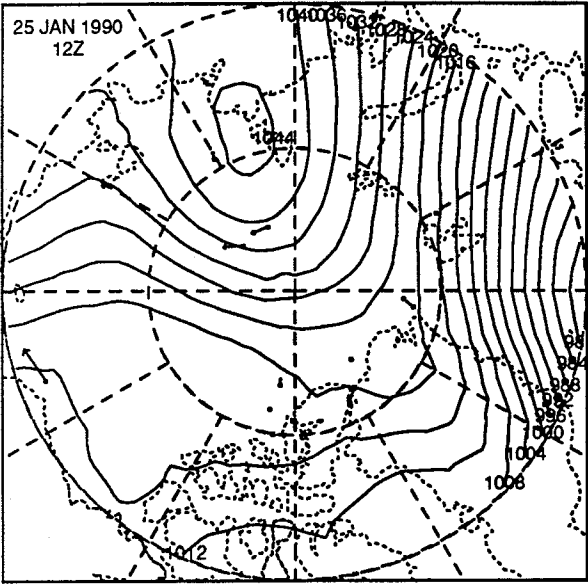


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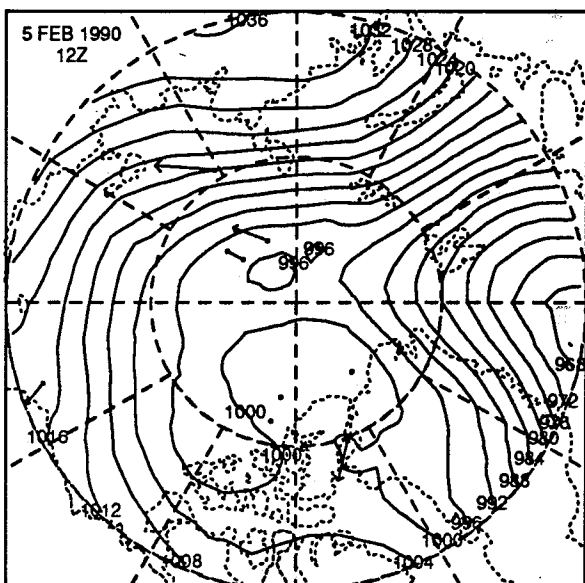
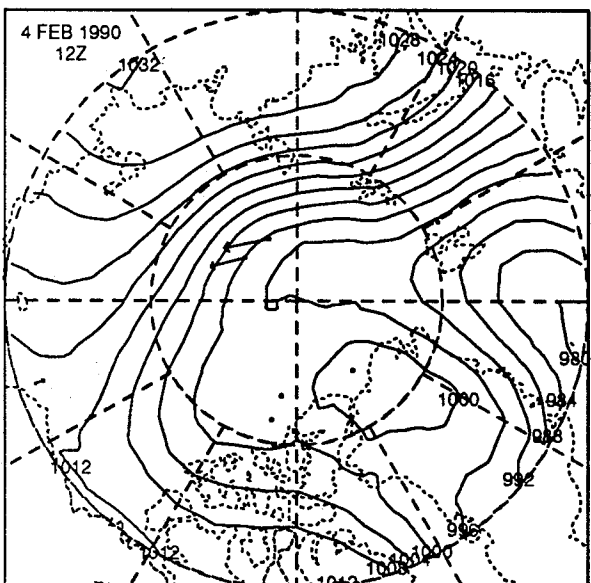
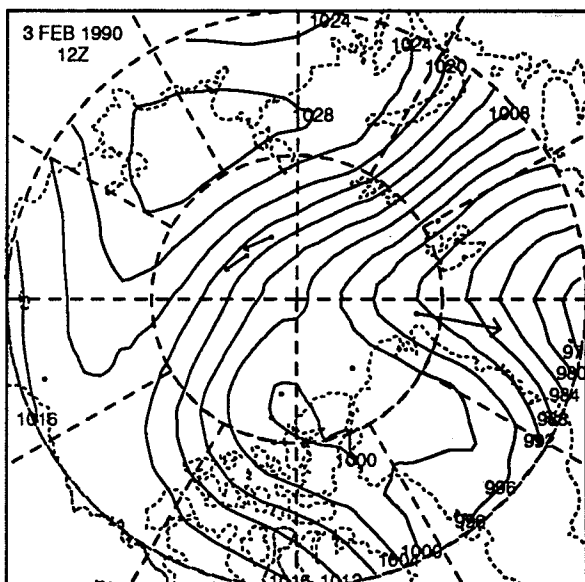
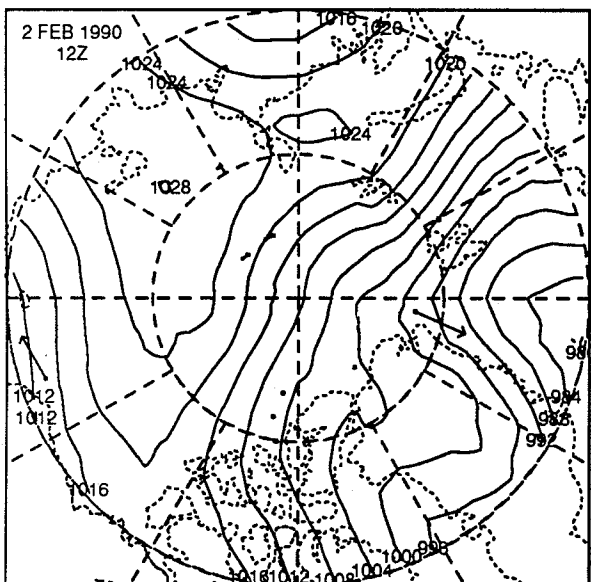
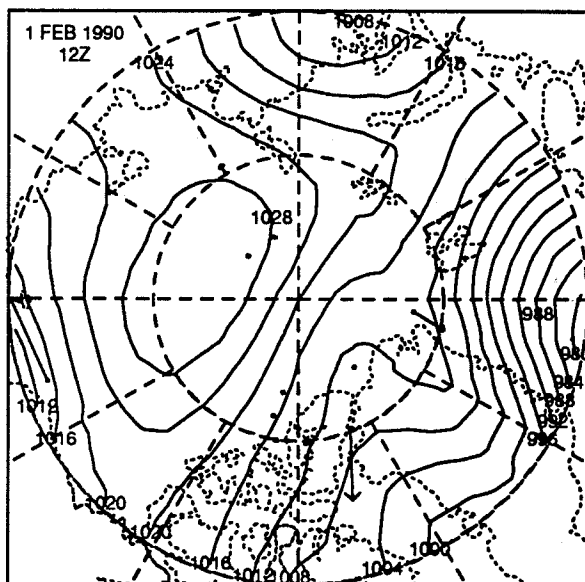
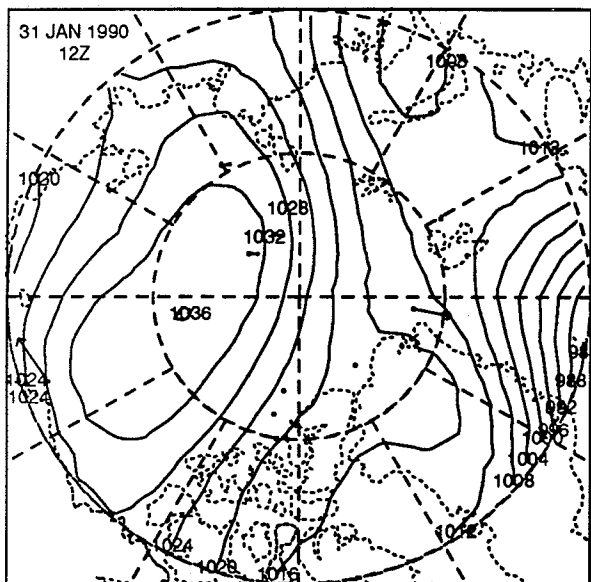




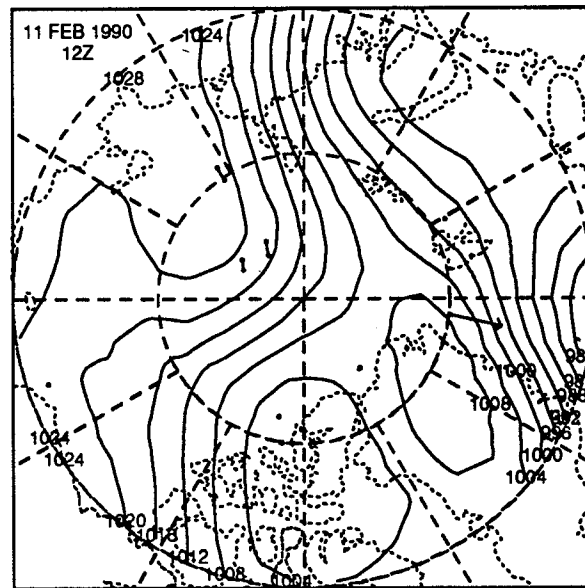
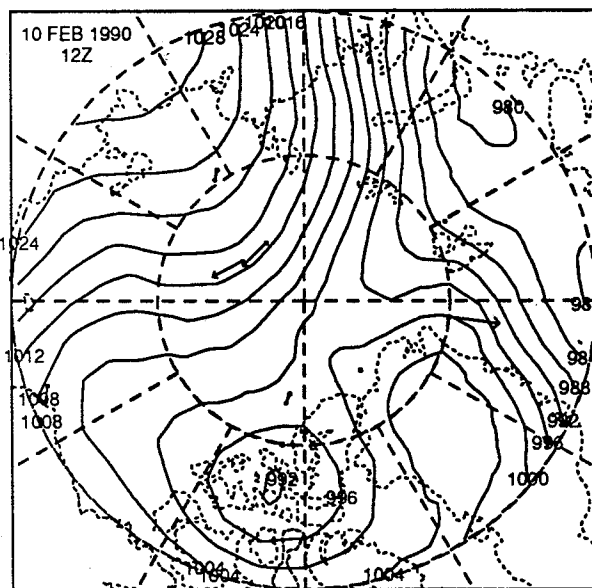
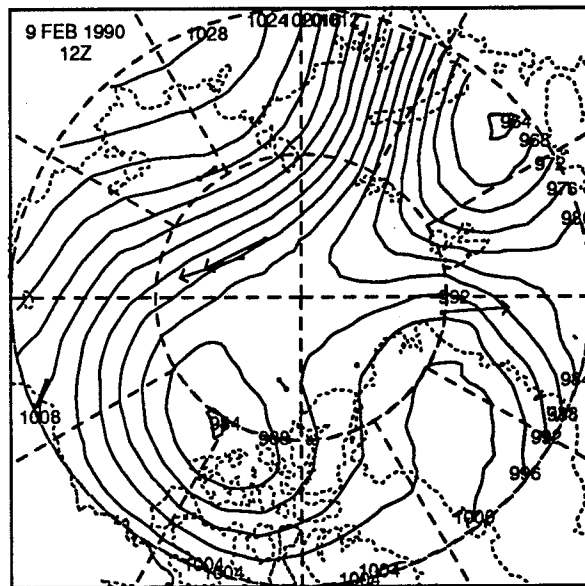
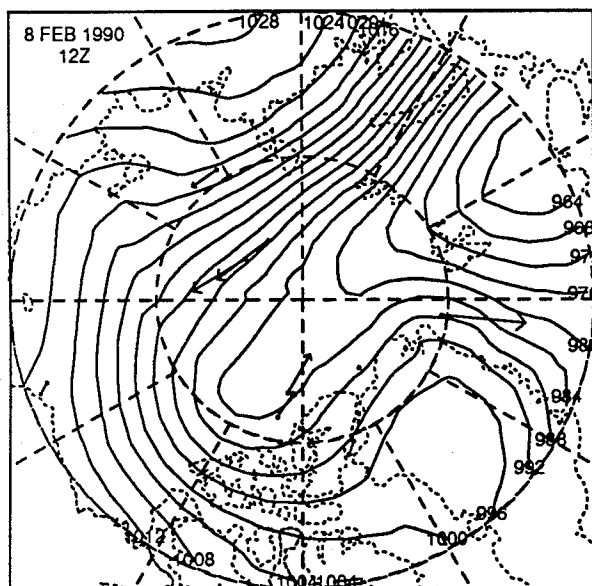
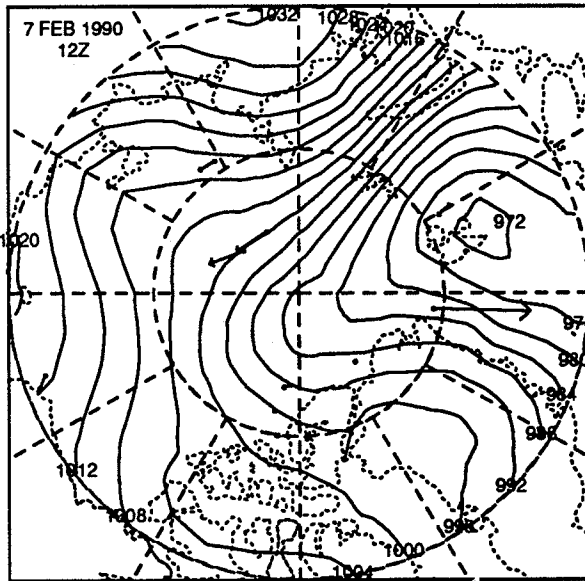
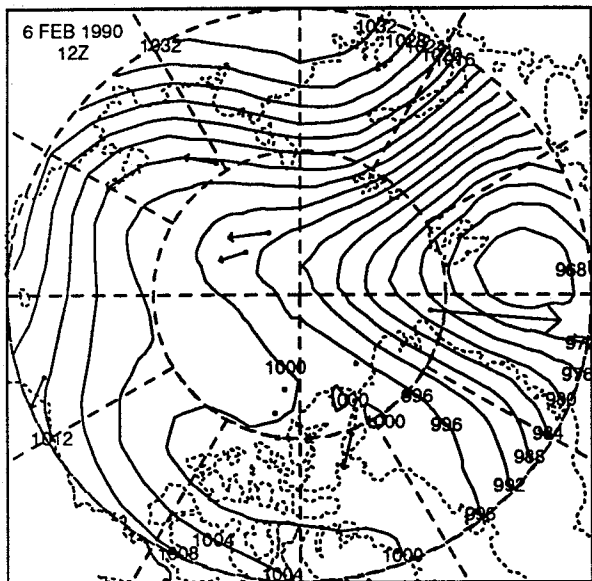
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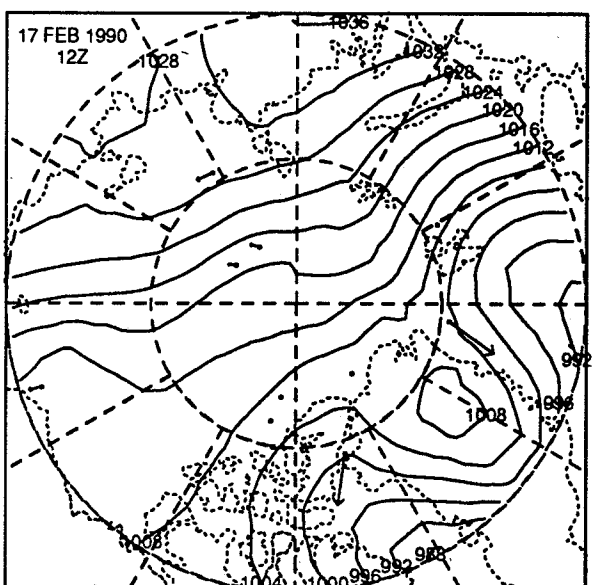
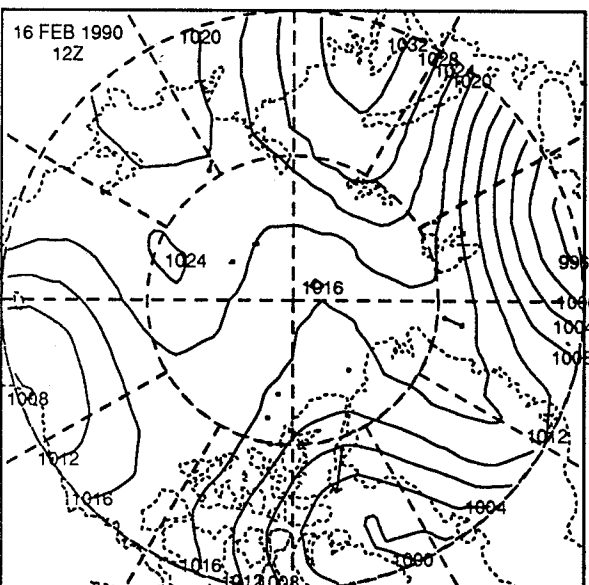
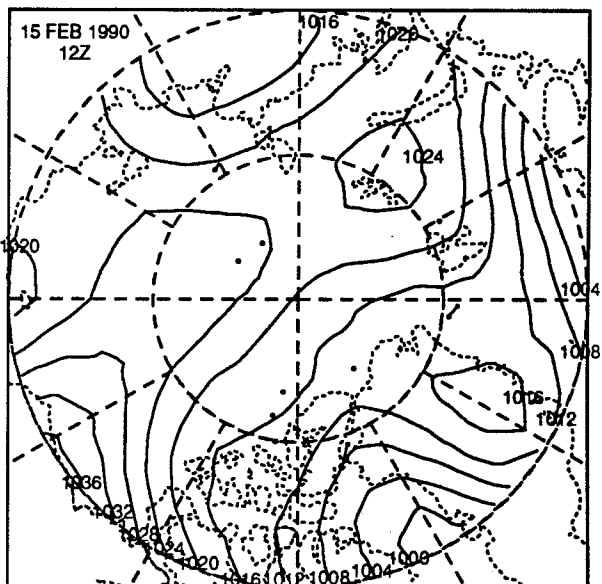
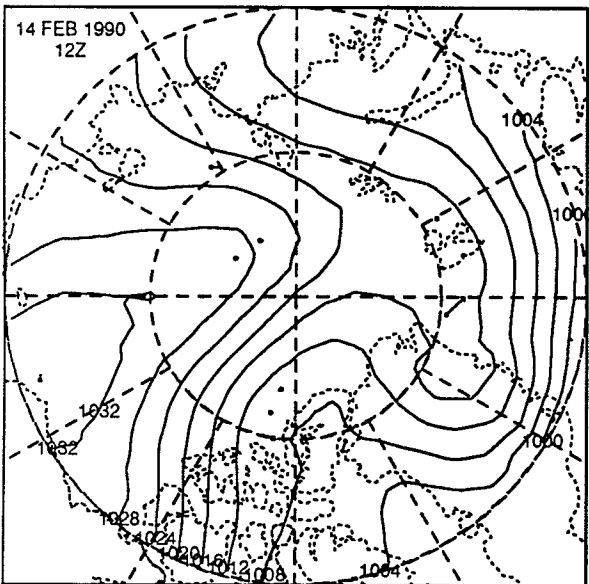
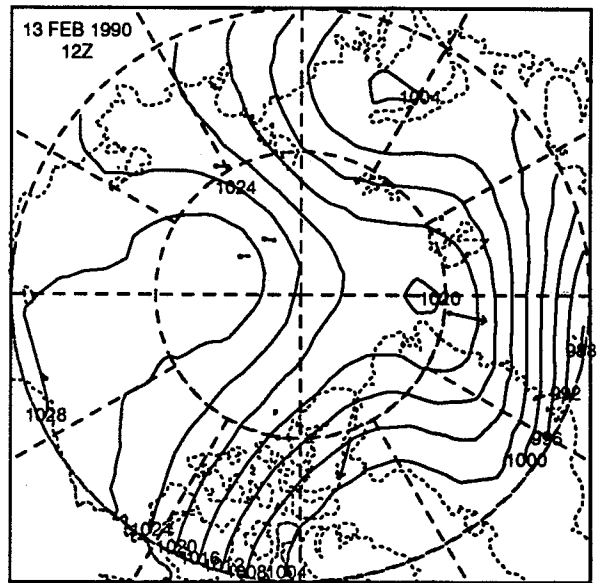
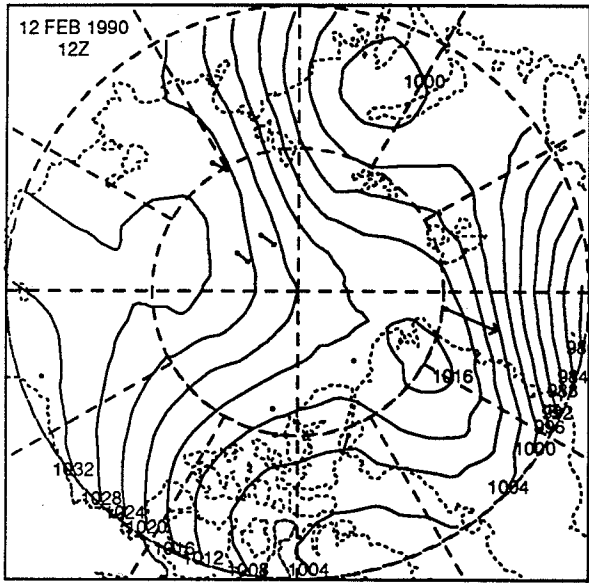
31 JAN 1990 - 5 FEB 1990



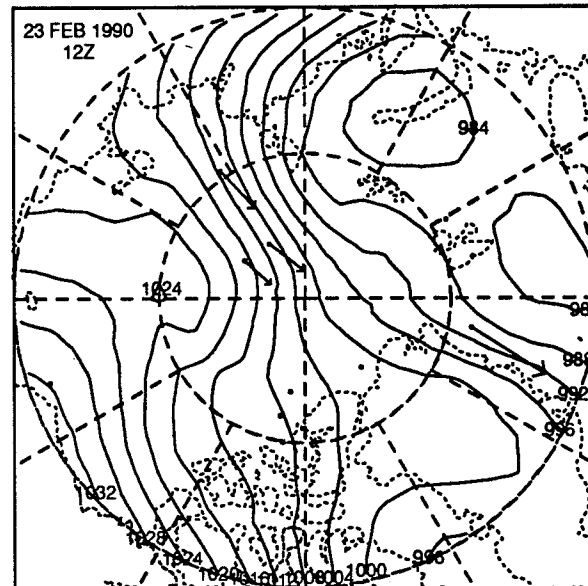
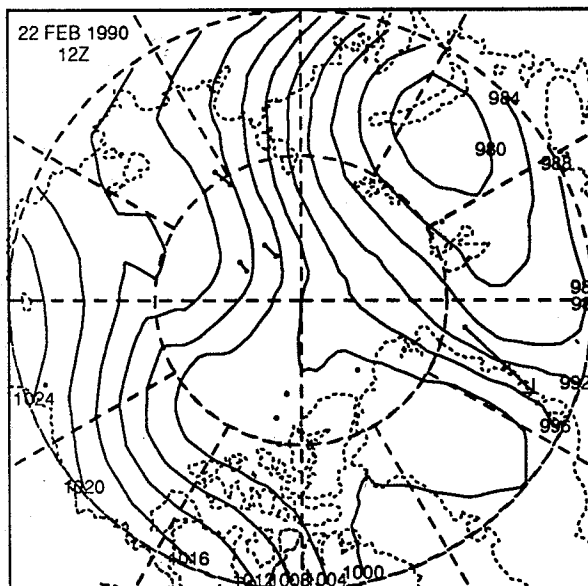
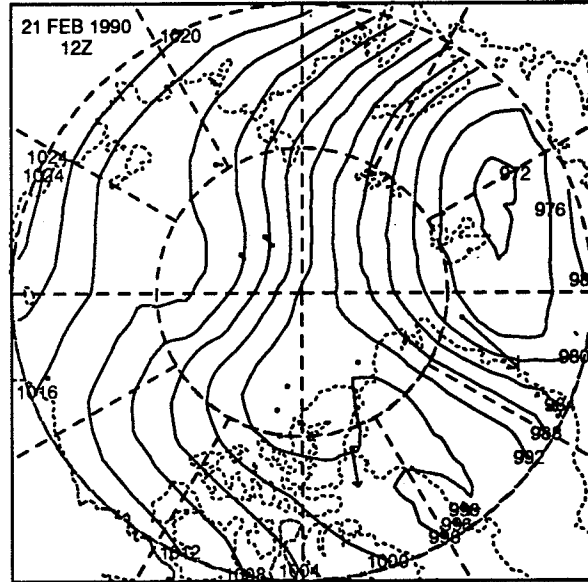
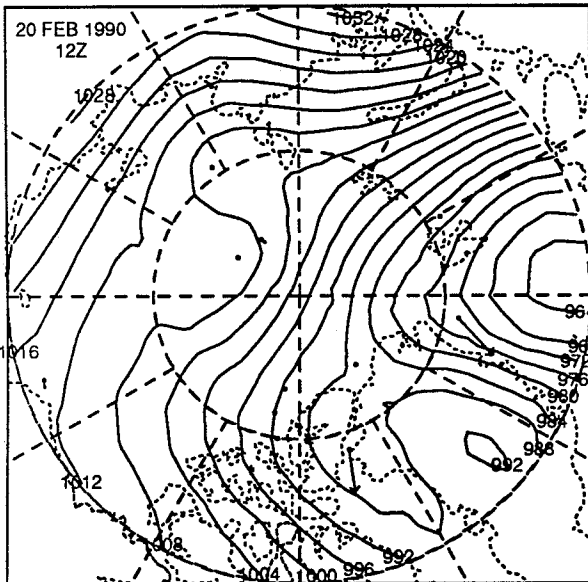
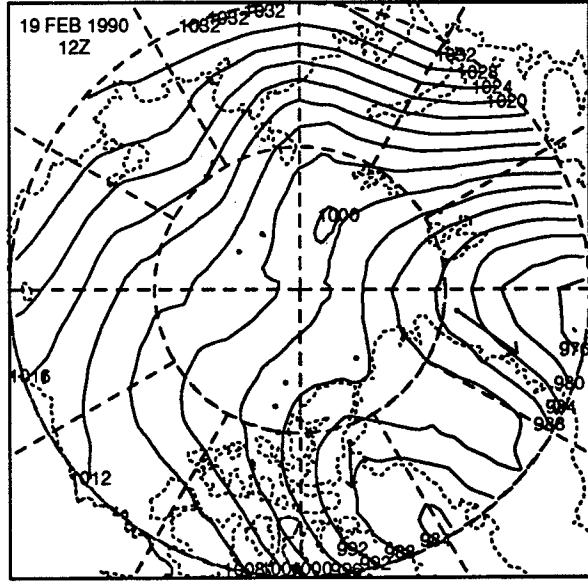
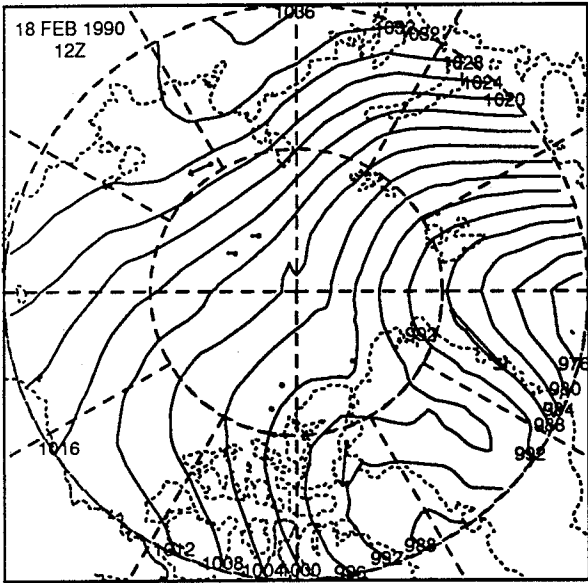
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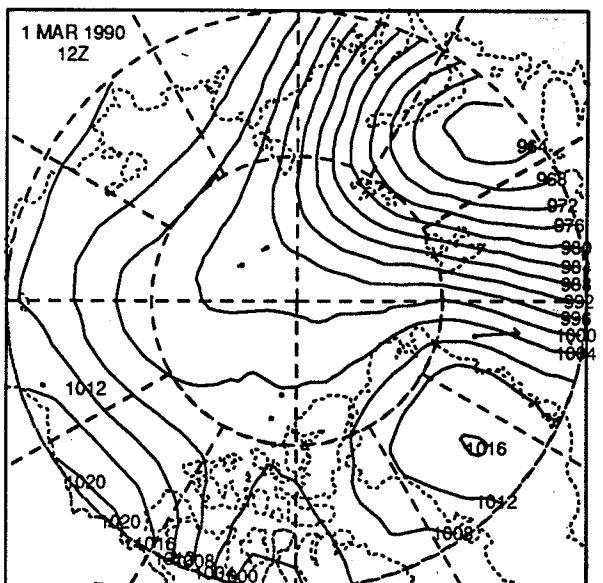
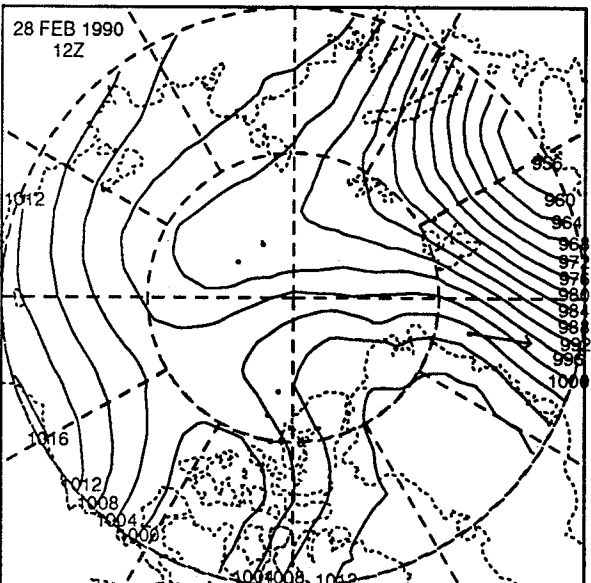
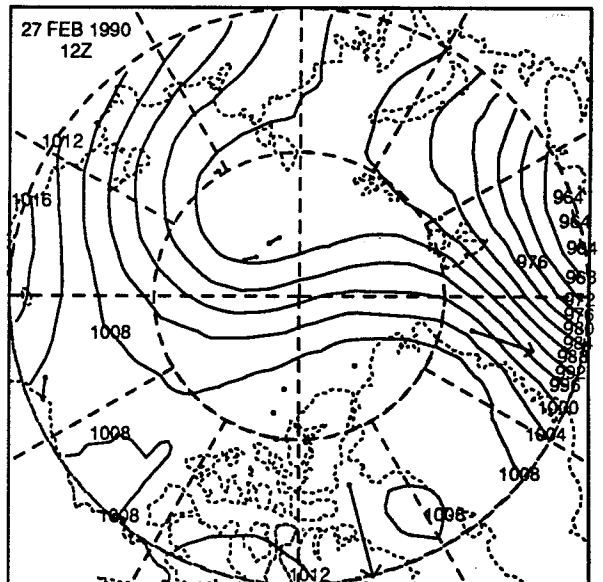
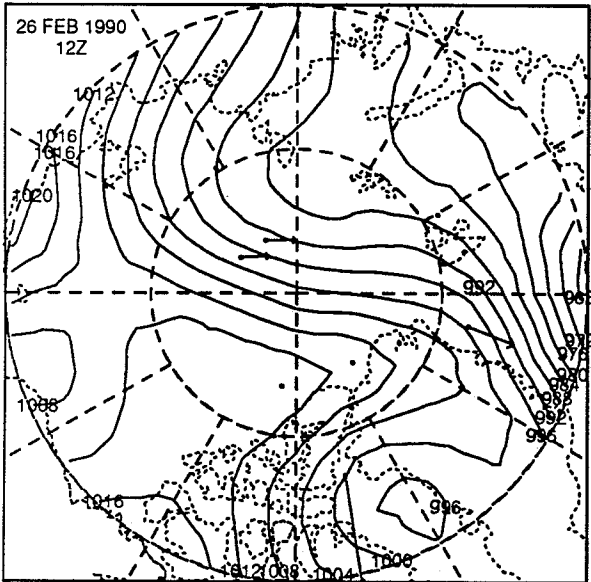
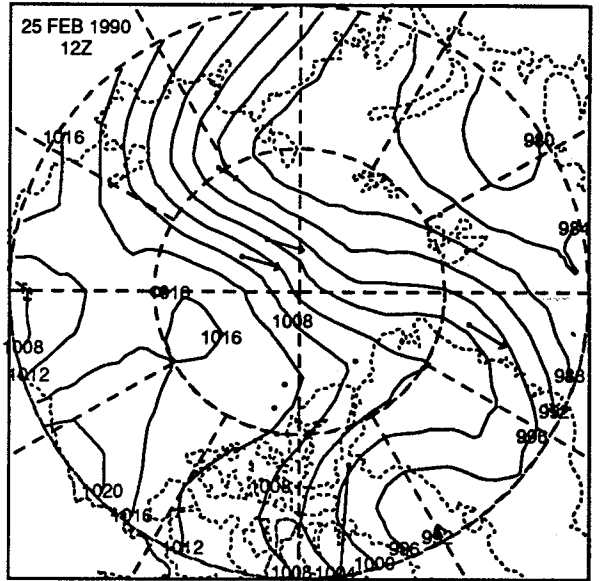
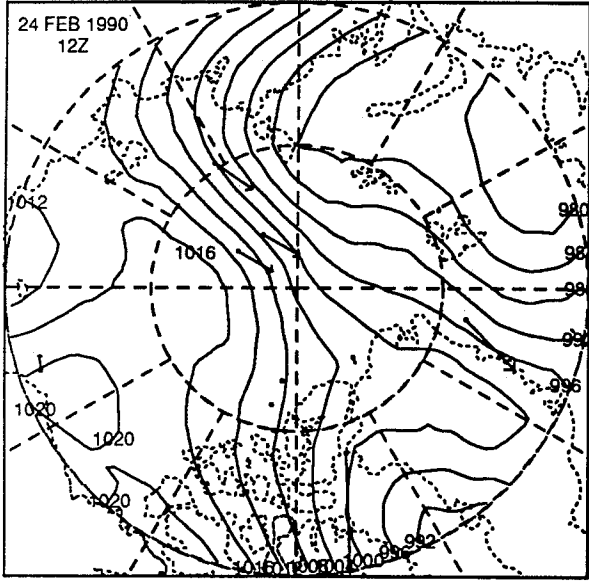
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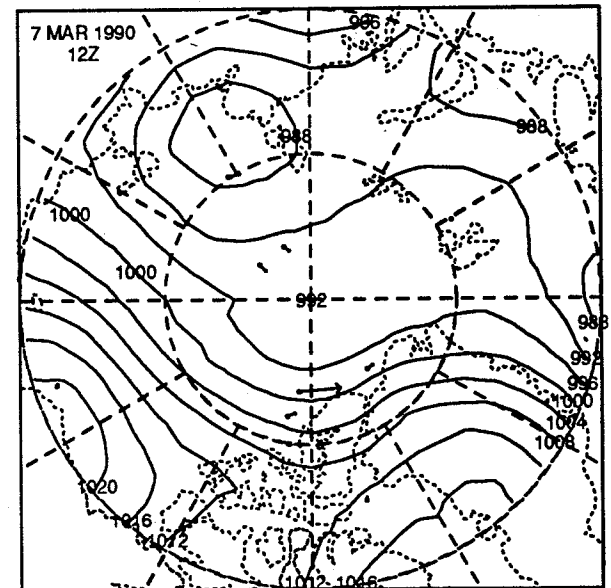
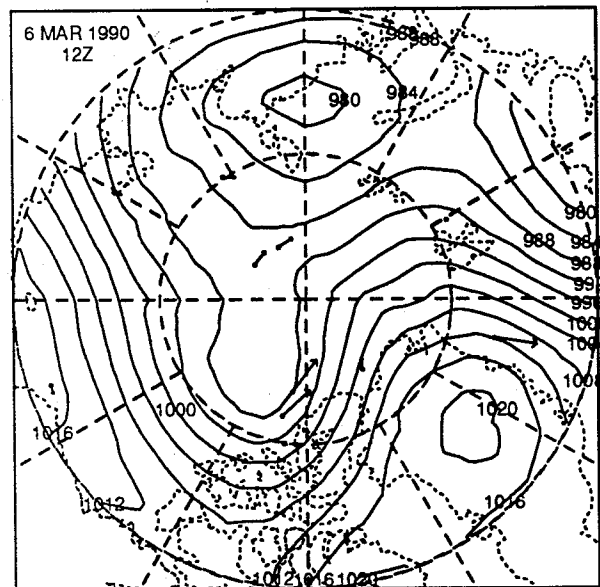
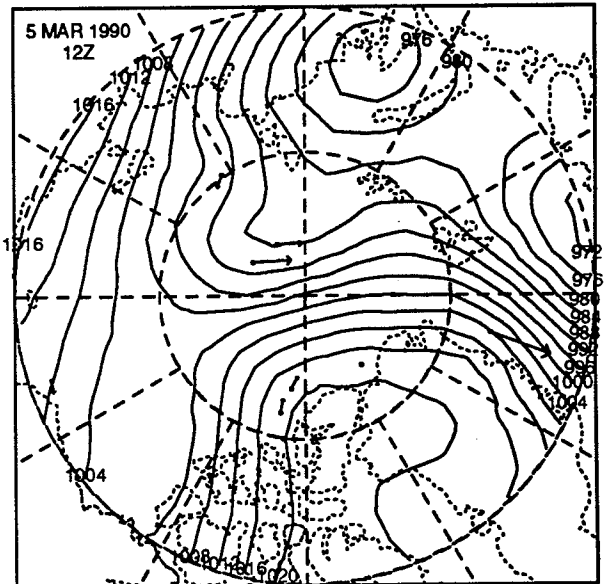
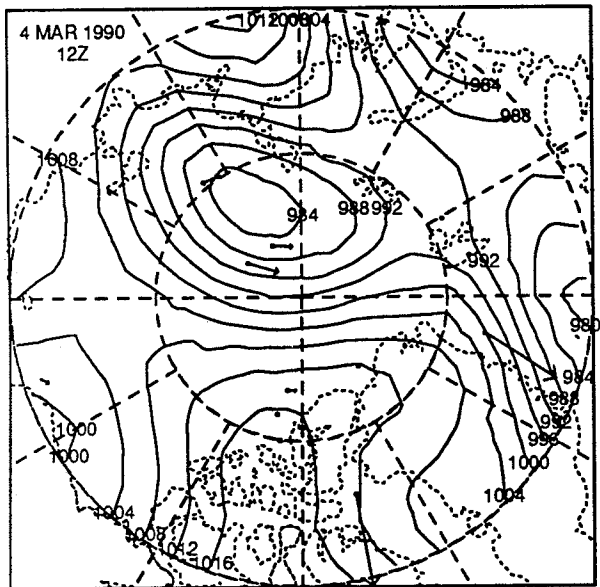
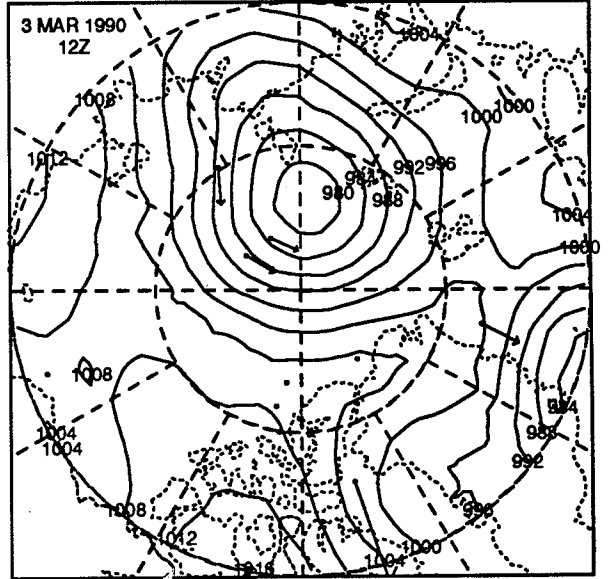
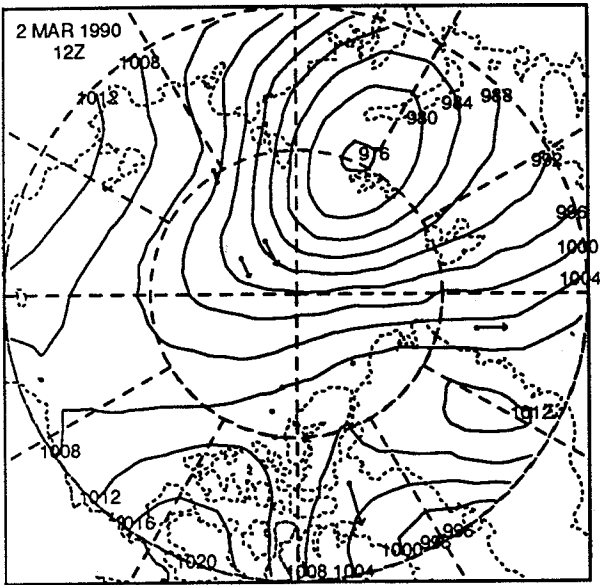
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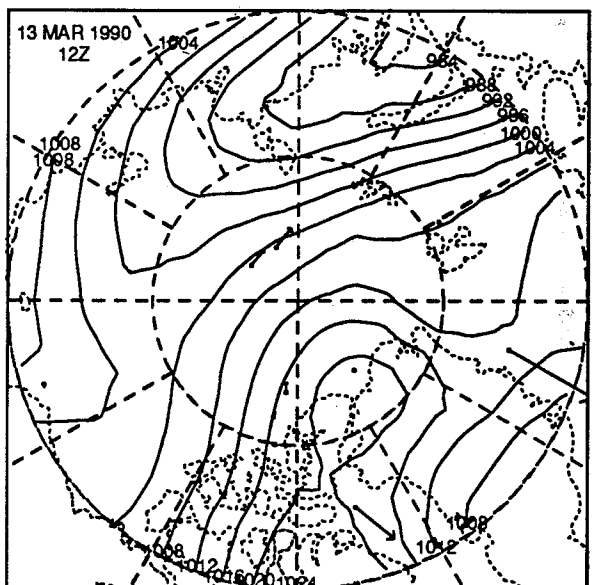
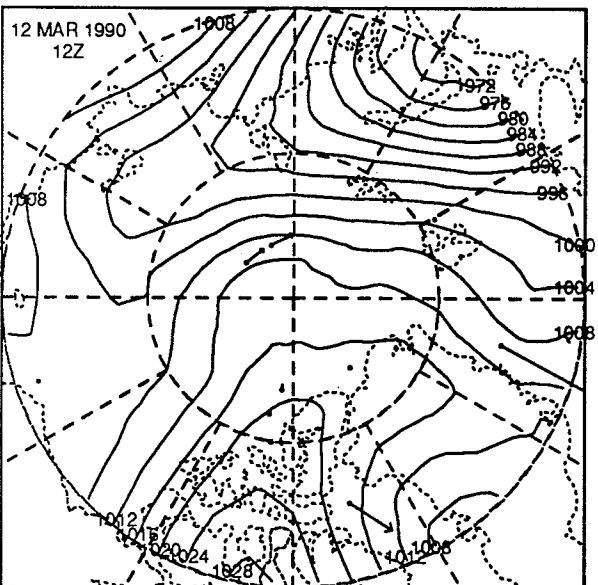
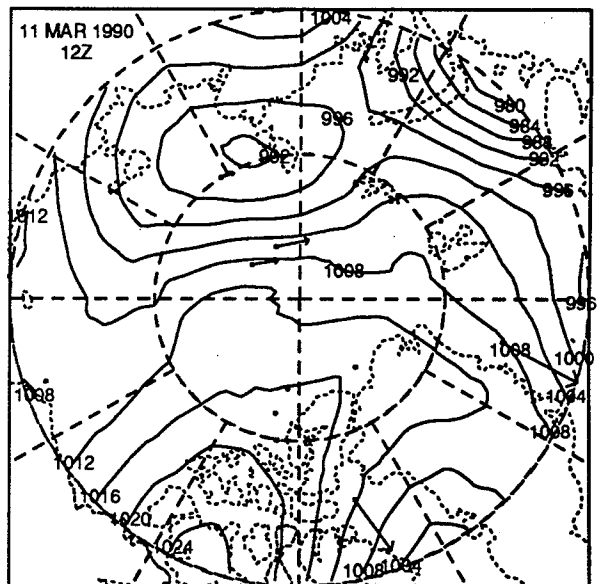
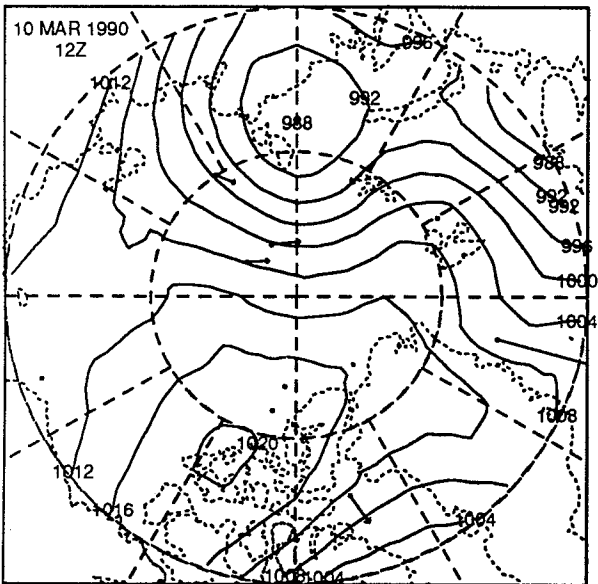
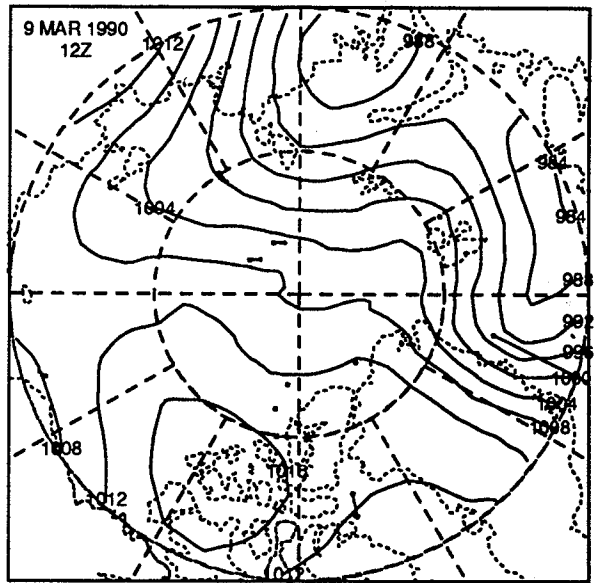
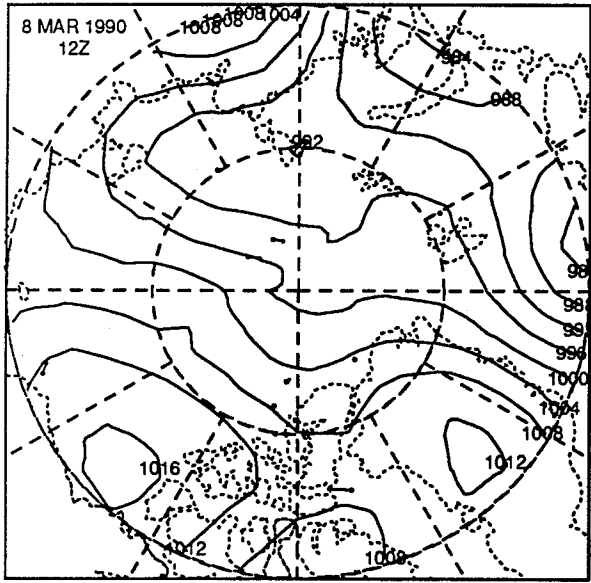
24 FEB 1990 - 1 MAR 1990



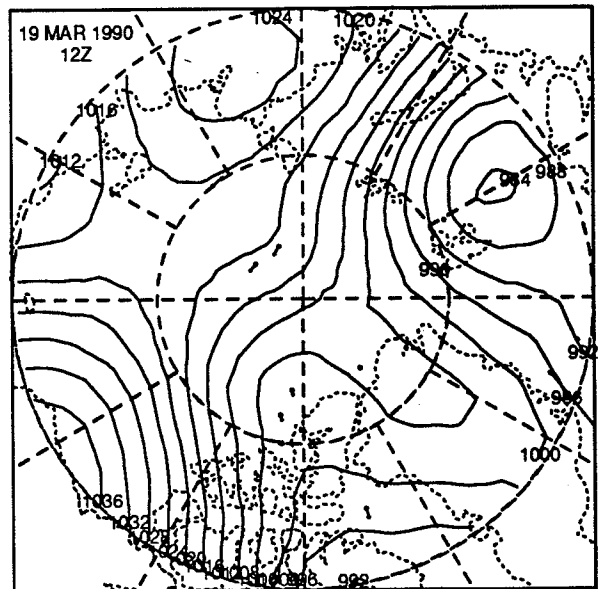
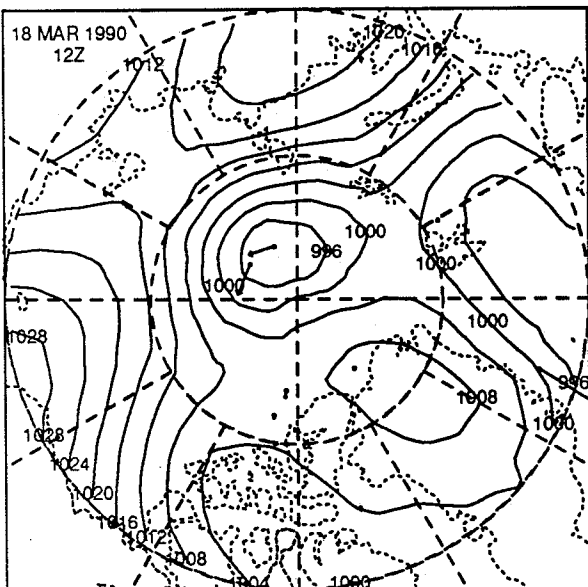
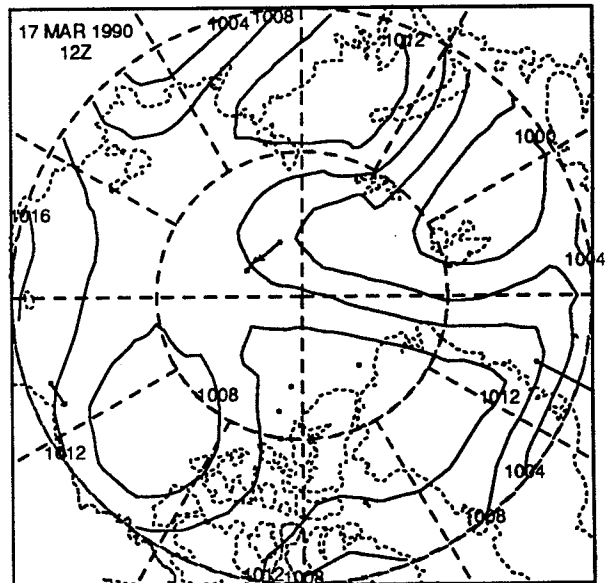
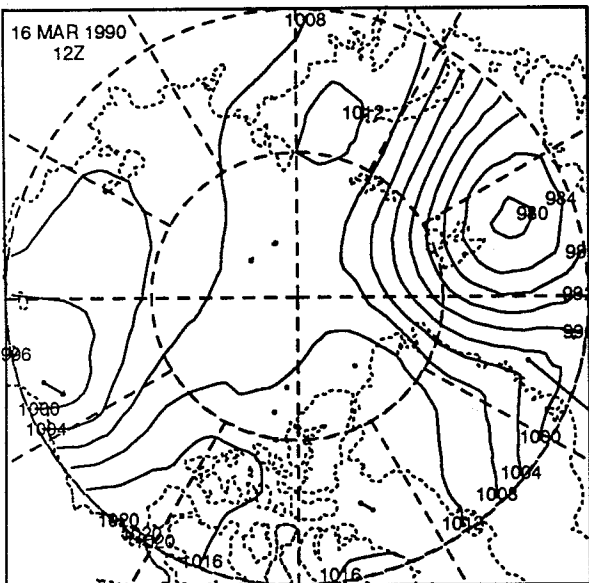
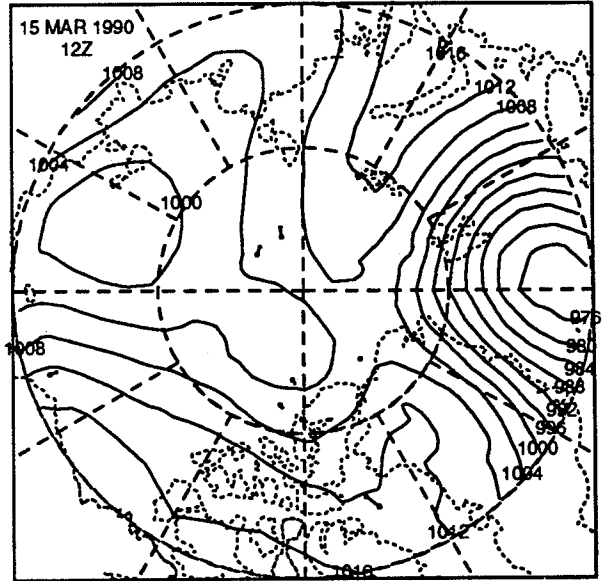
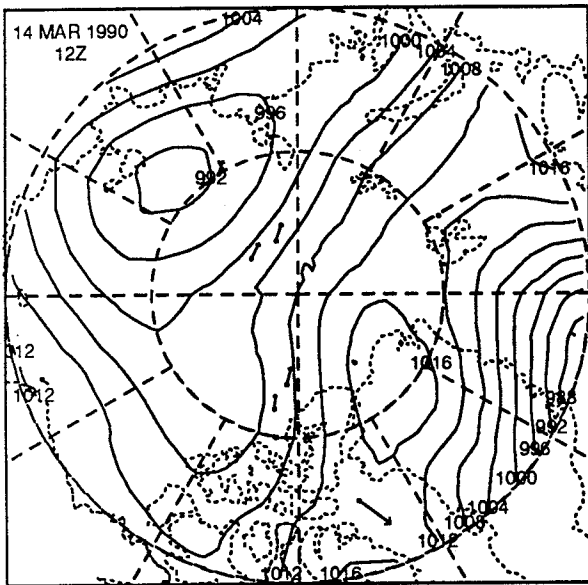
2 MAR 1990 - 7 MAR 1990



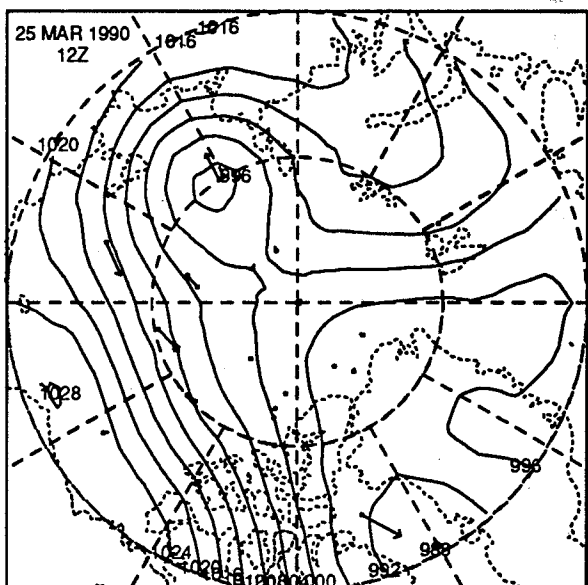
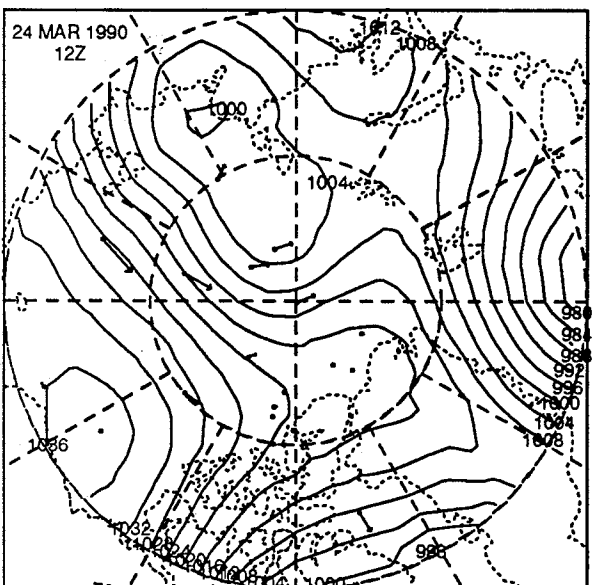
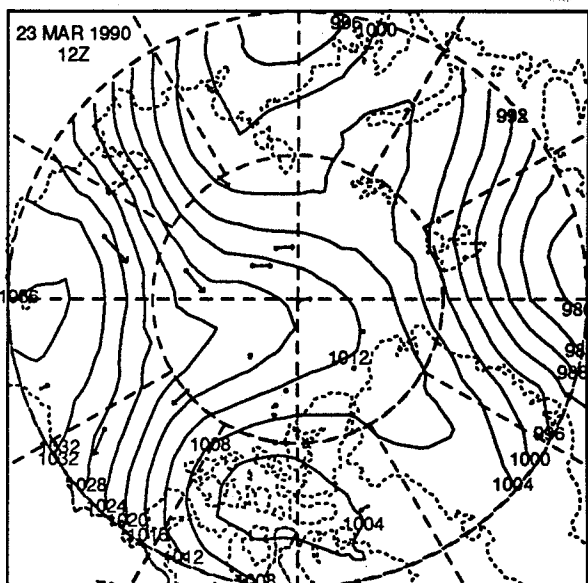
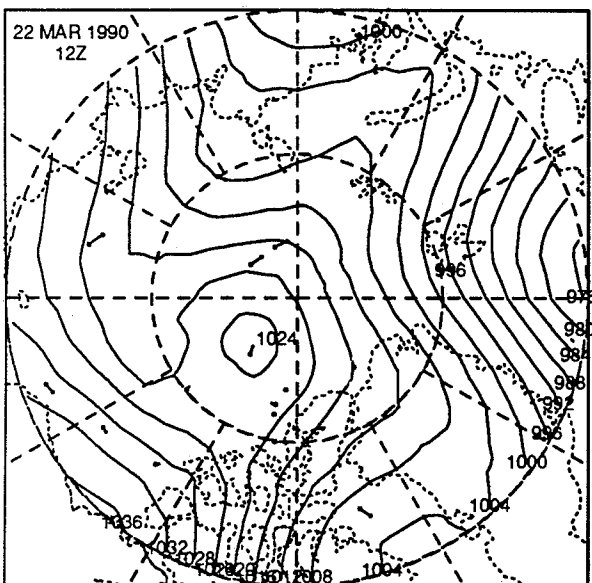
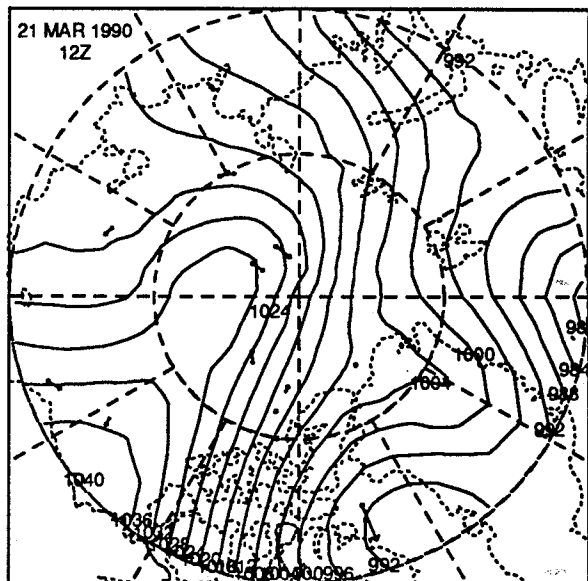
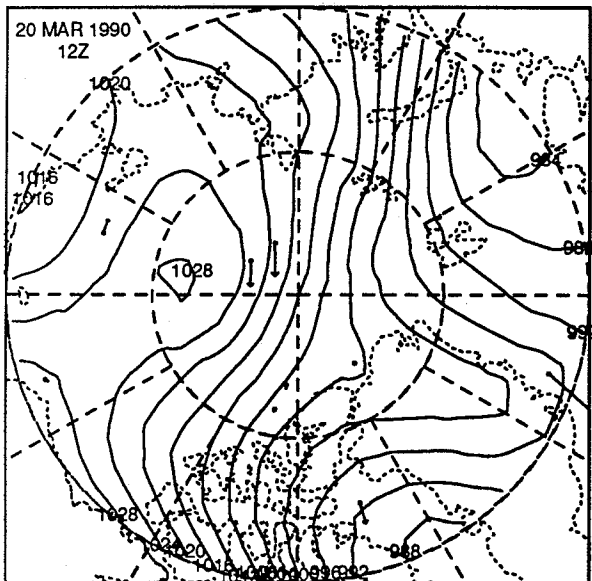
8 MAR 1990 - 13 MAR 1990



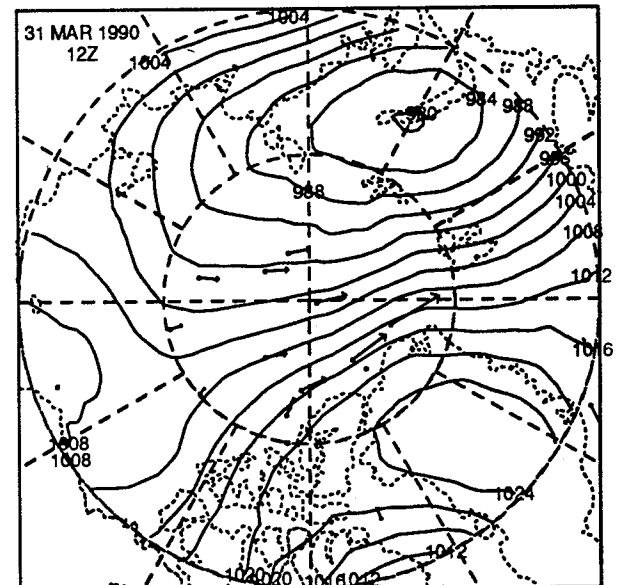
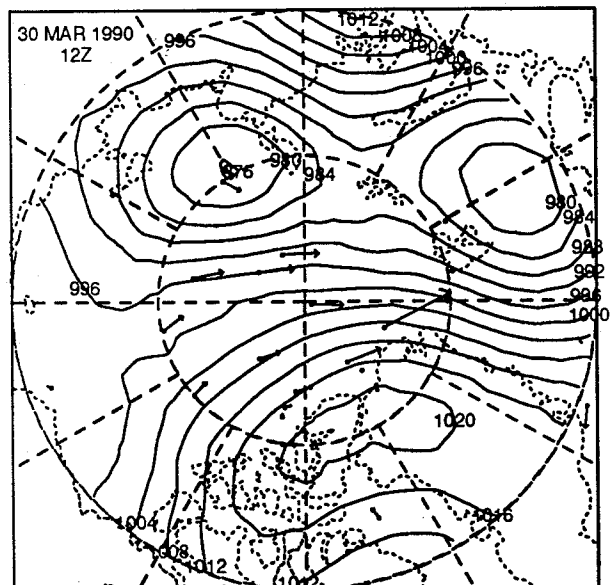
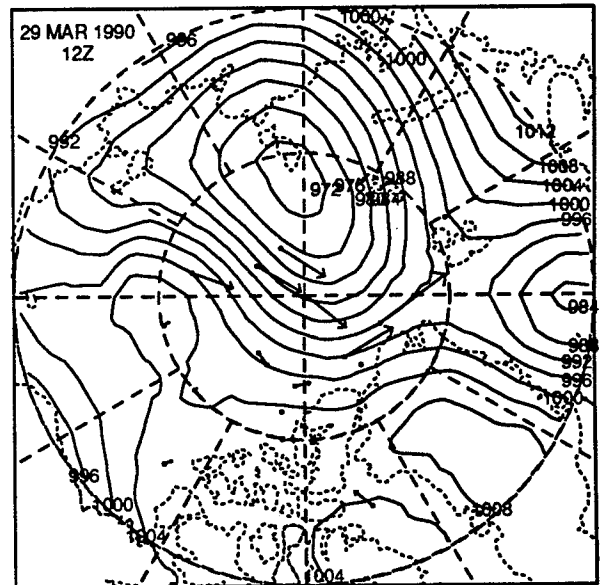
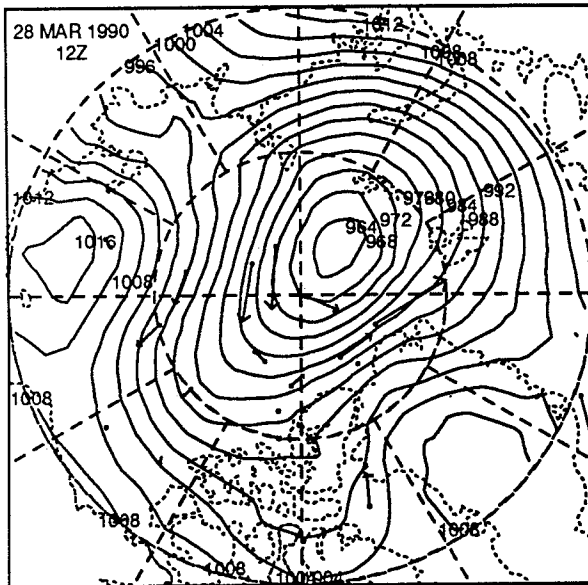
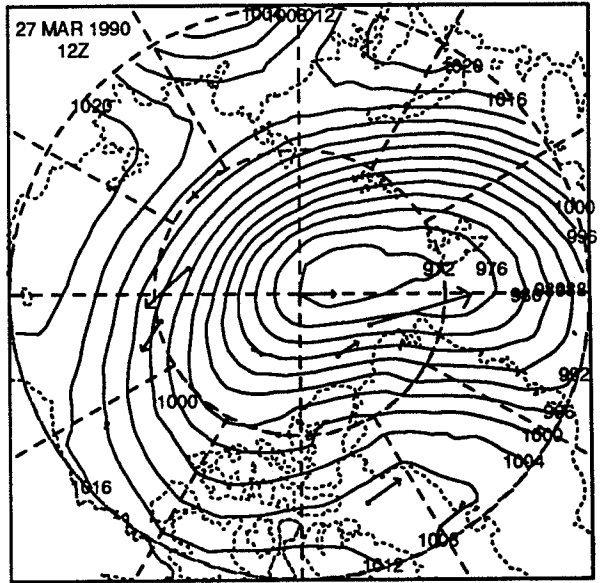
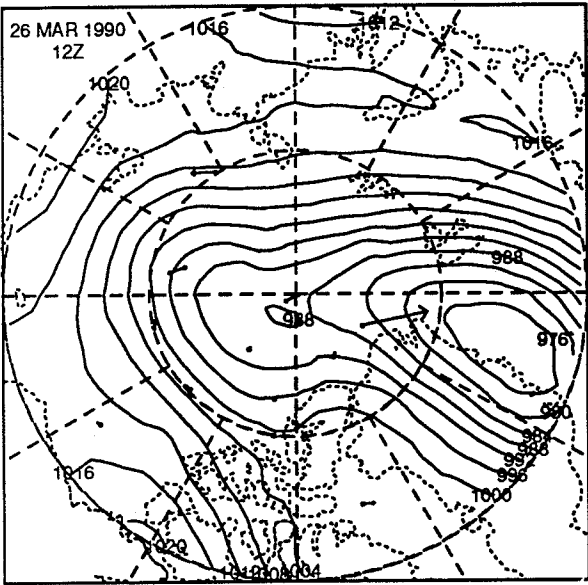
14 MAR 1990 - 19 MAR 1990



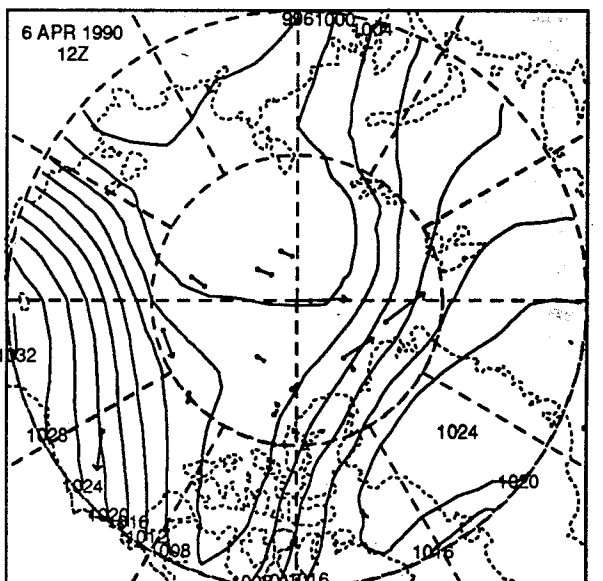
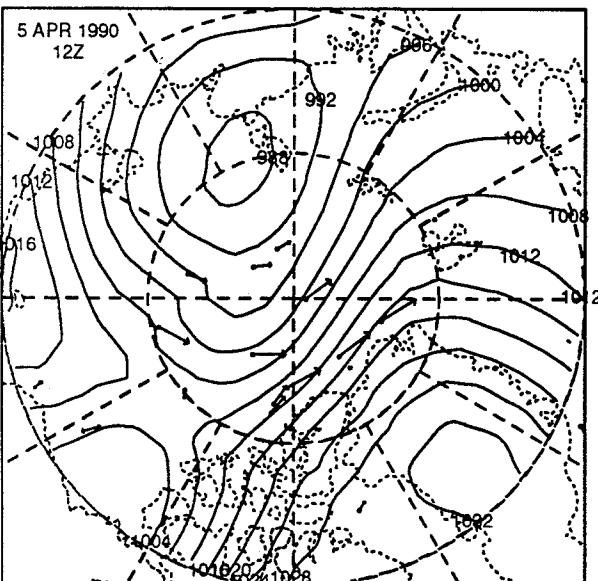
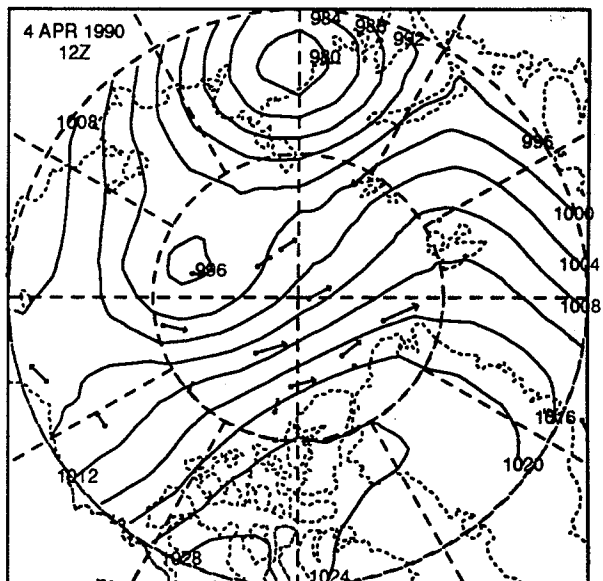
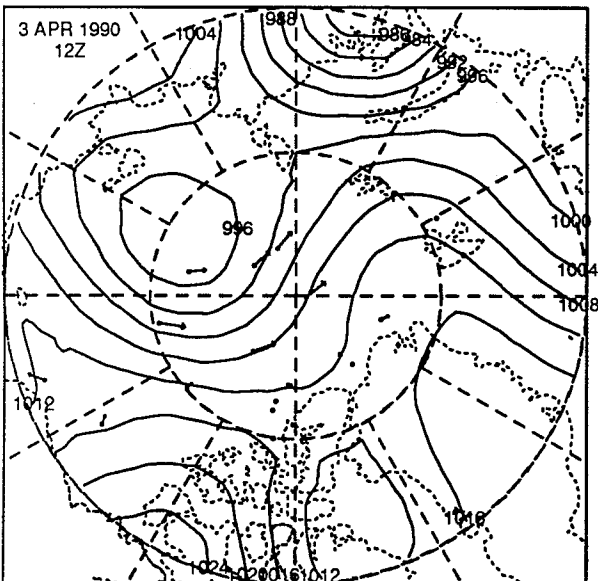
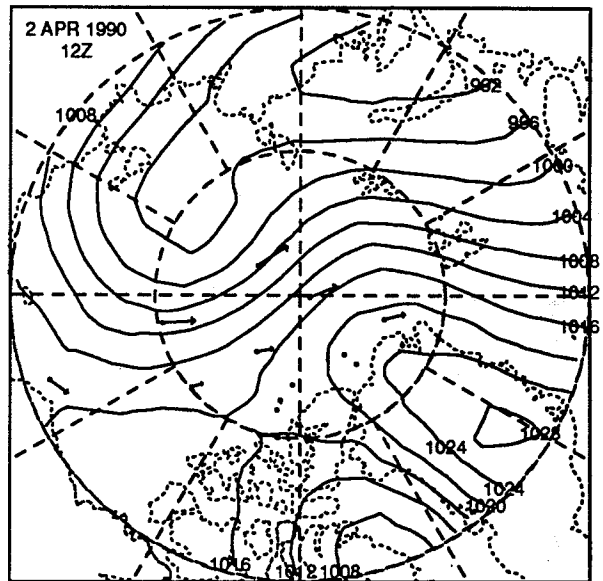
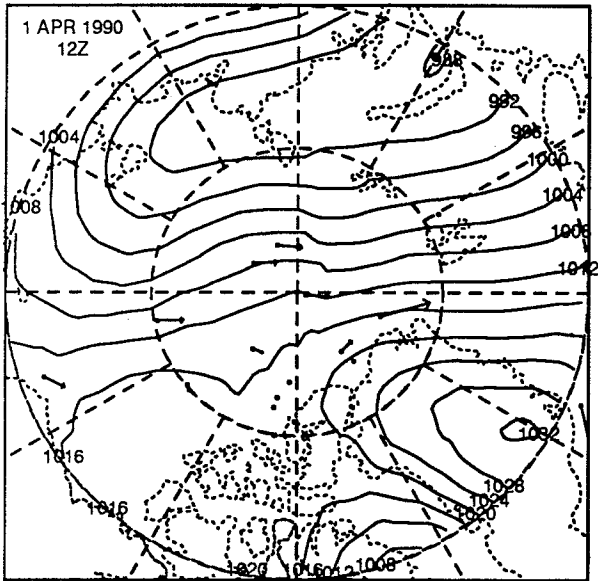
20 MAR 1990 - 25 MAR 1990

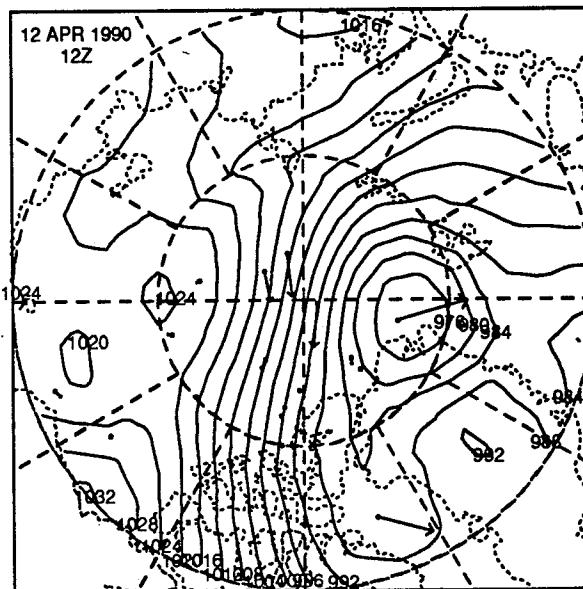
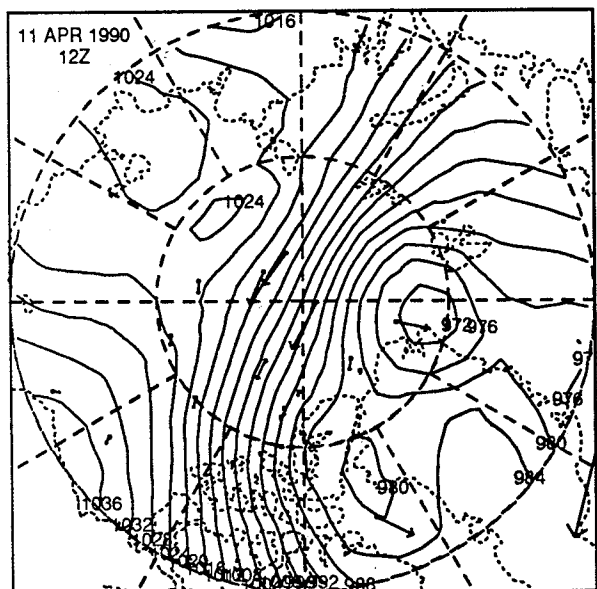
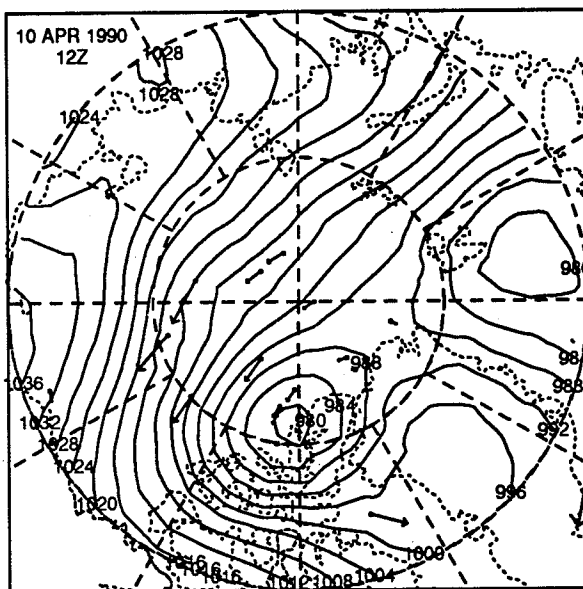
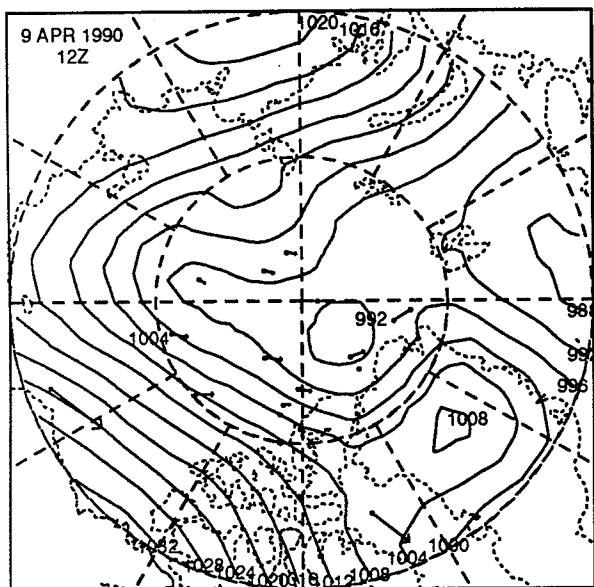
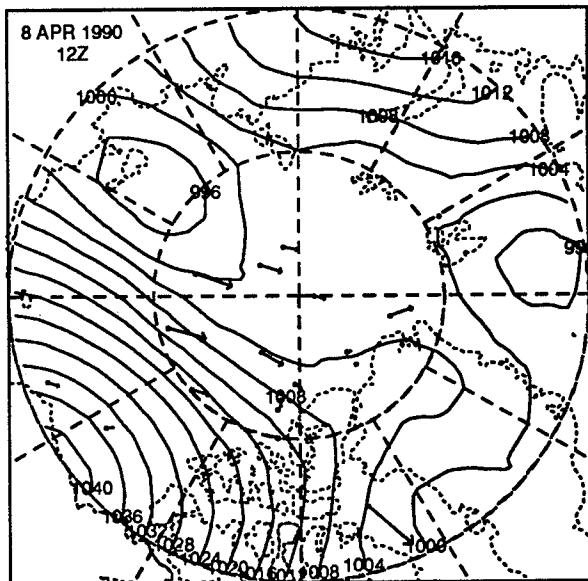
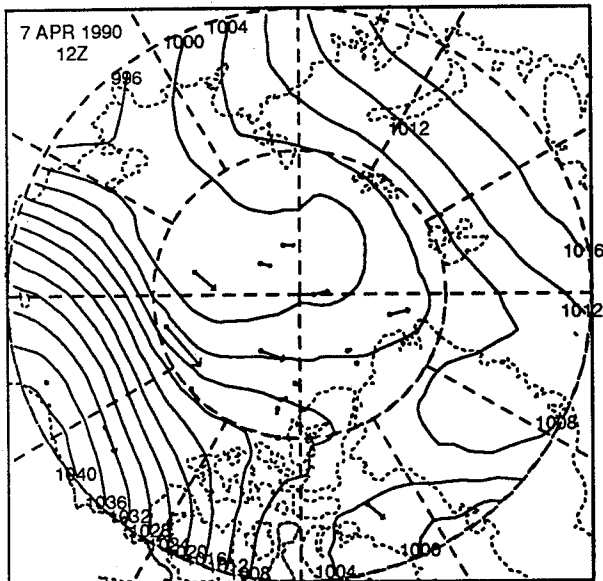


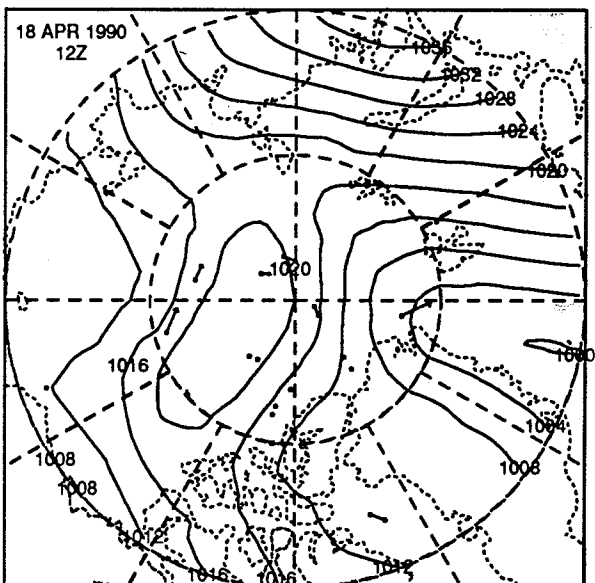
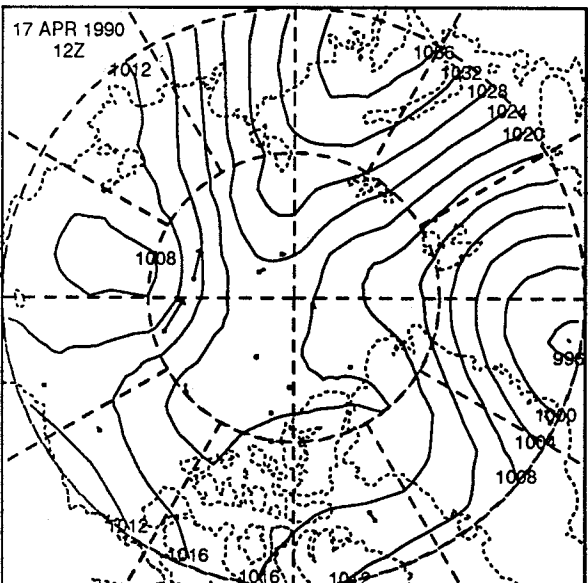
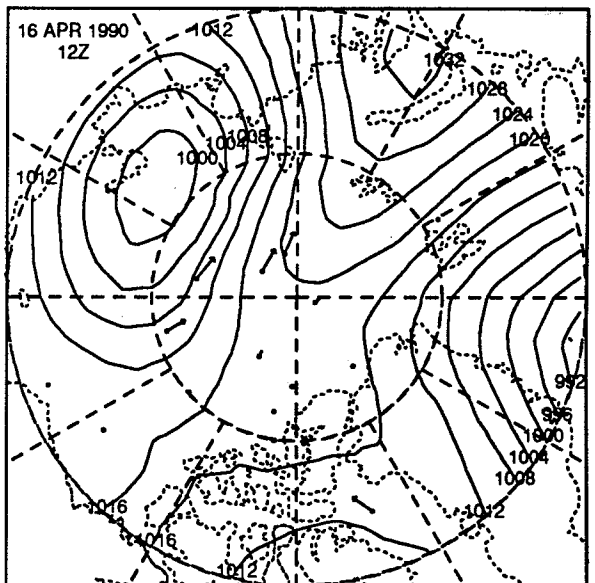
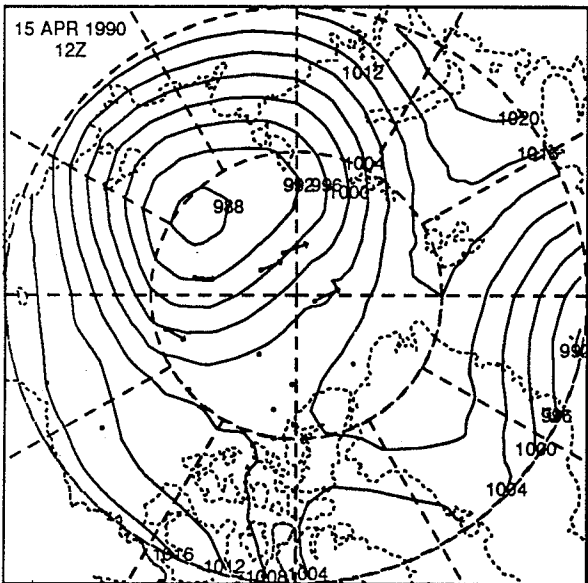
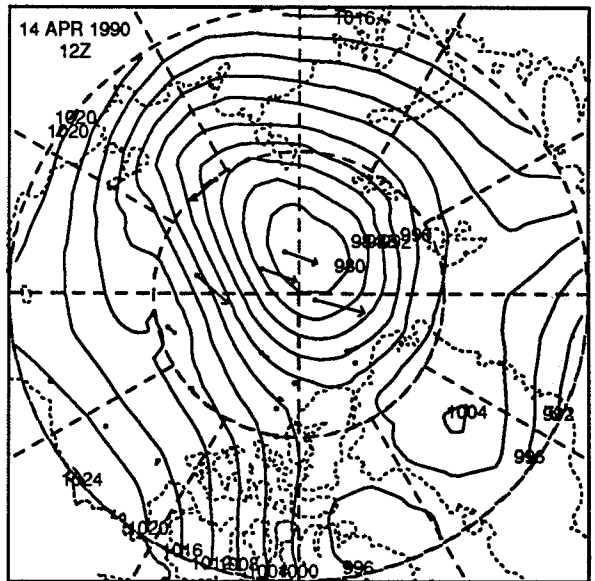
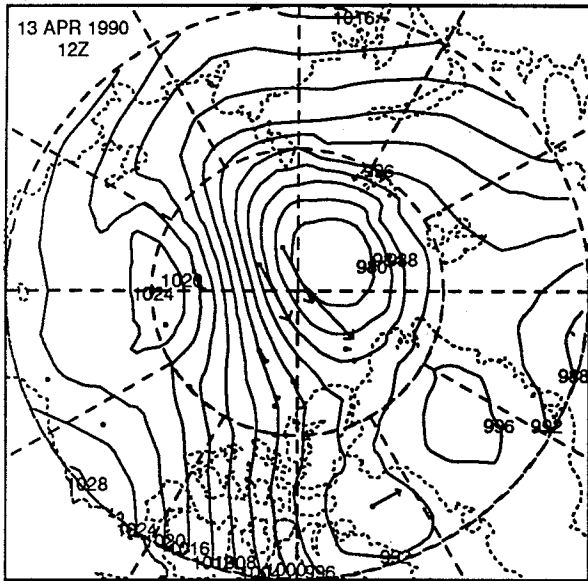
26 MAR 1990 - 31 MAR 1990



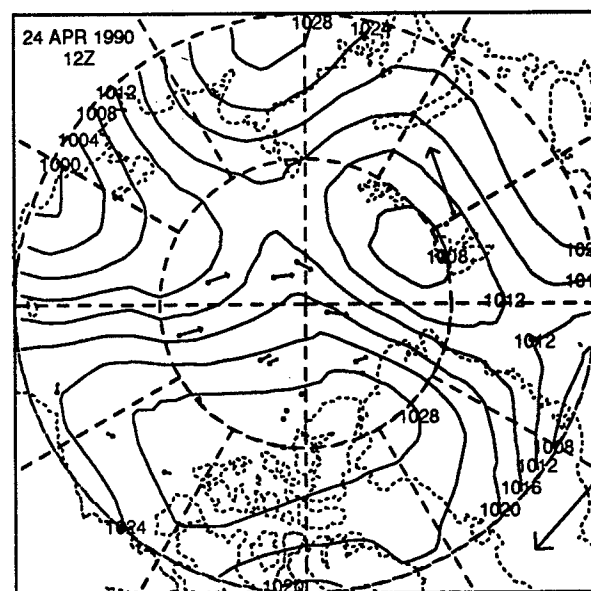
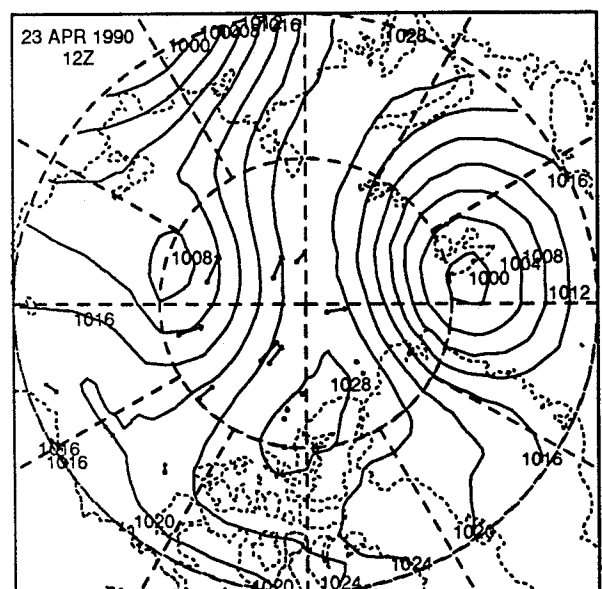
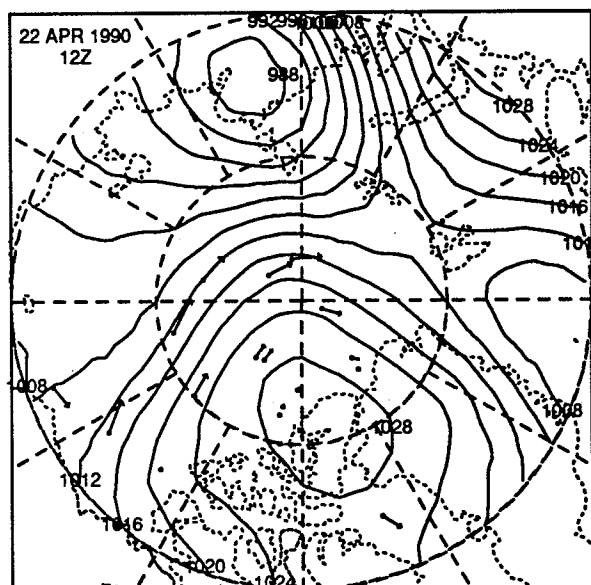
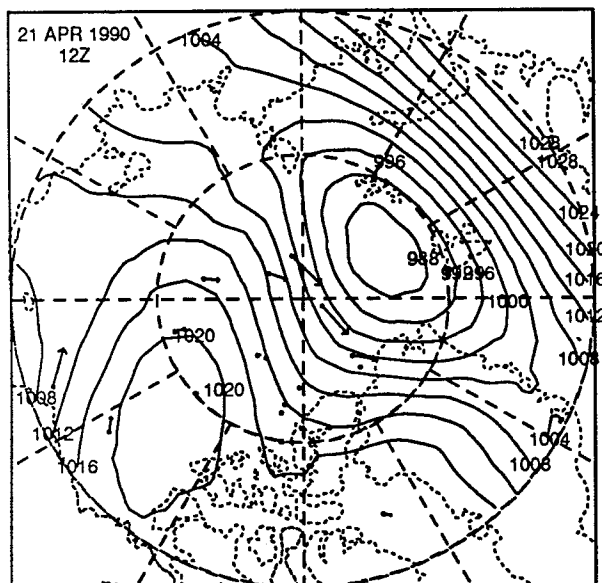
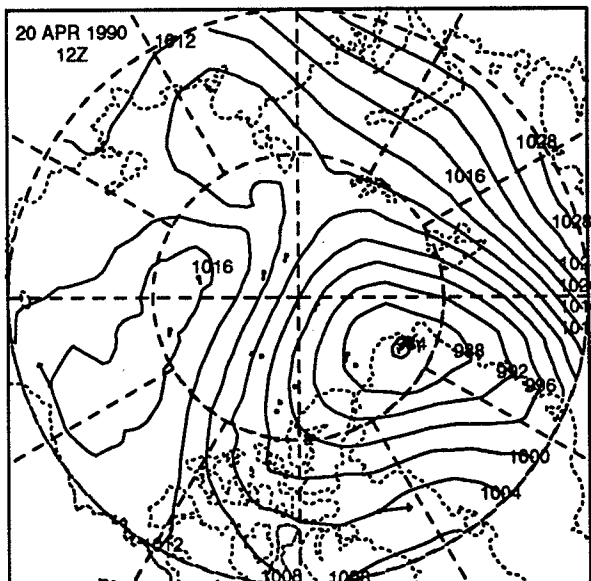
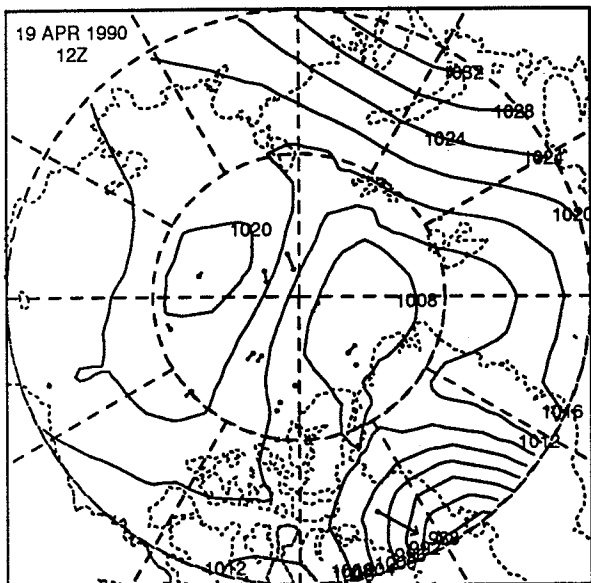
1 APR 1990 - 6 APR 1990



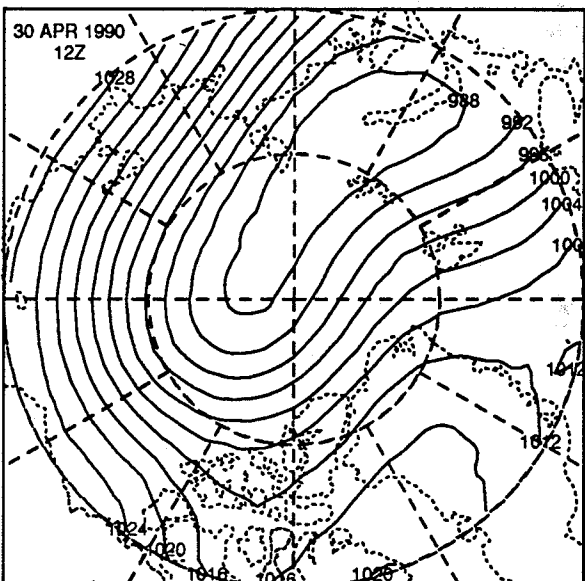
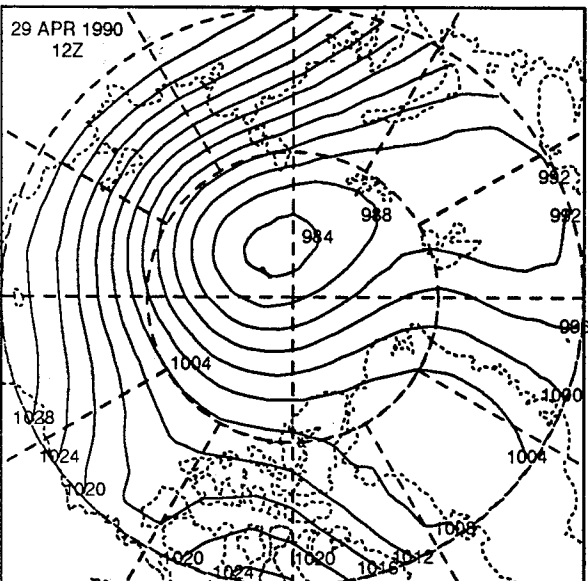
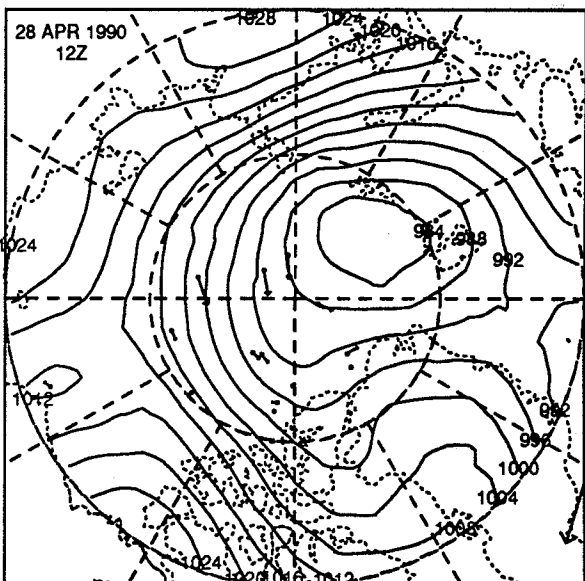
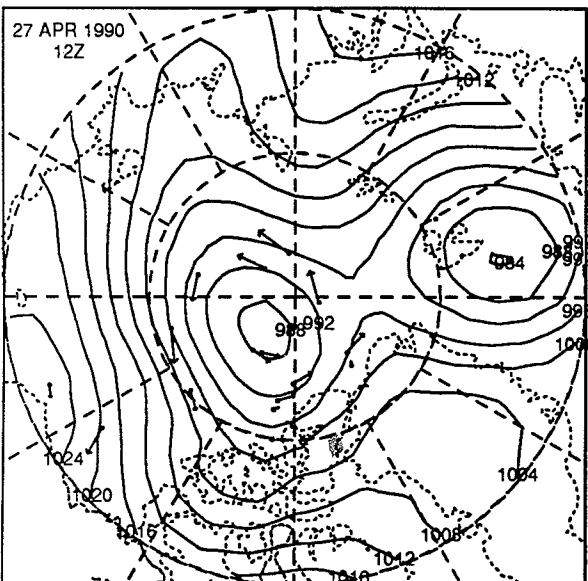
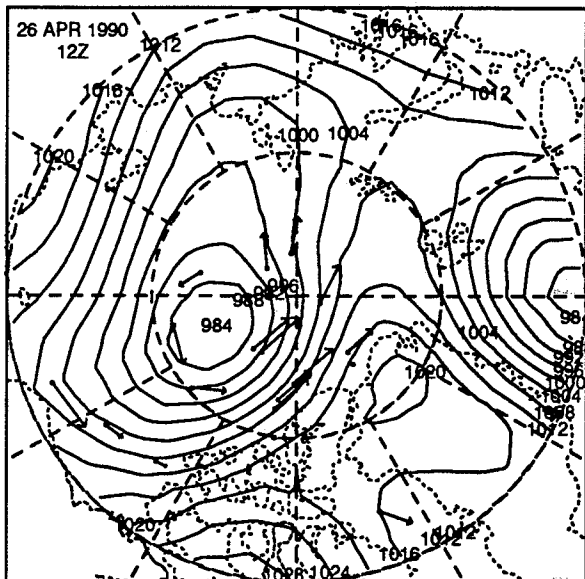
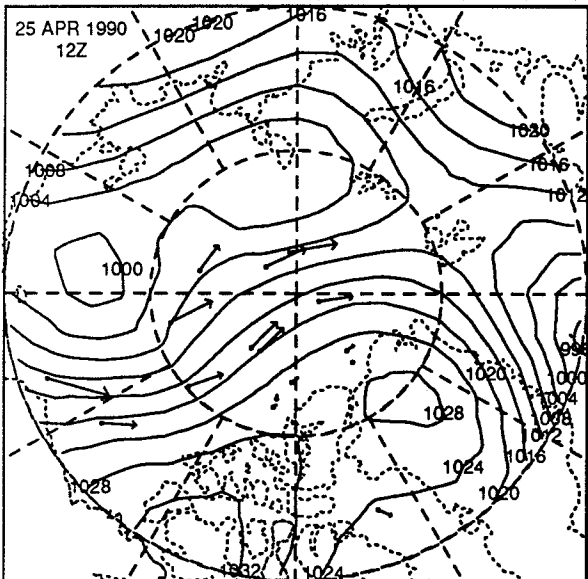




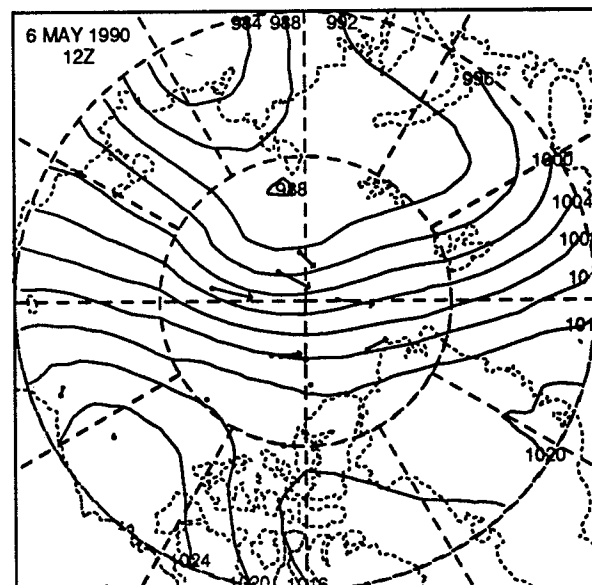
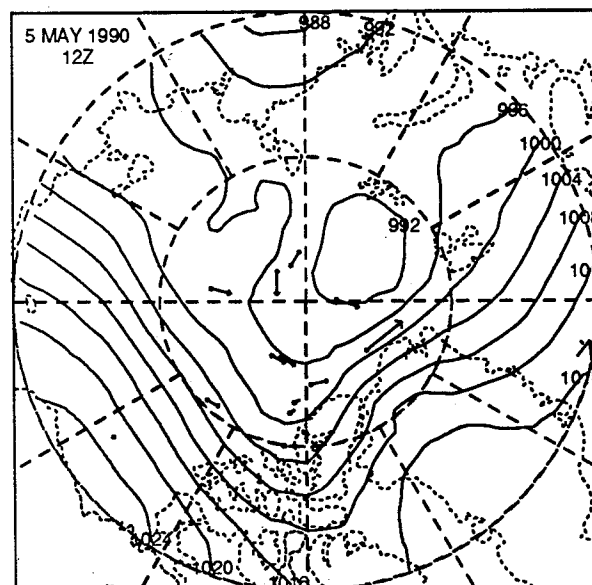
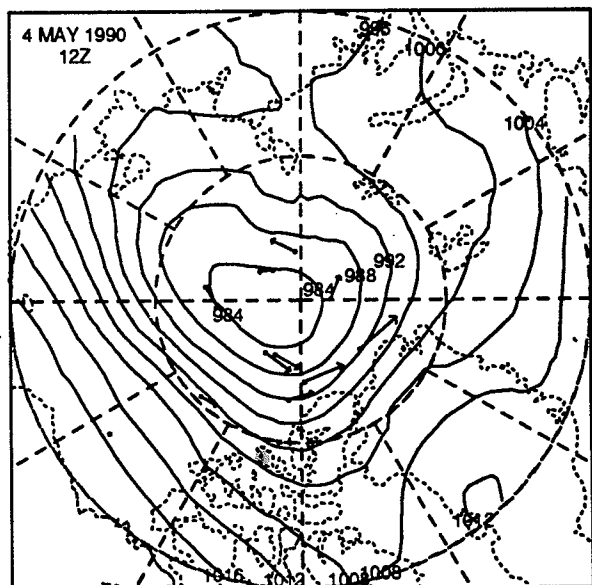
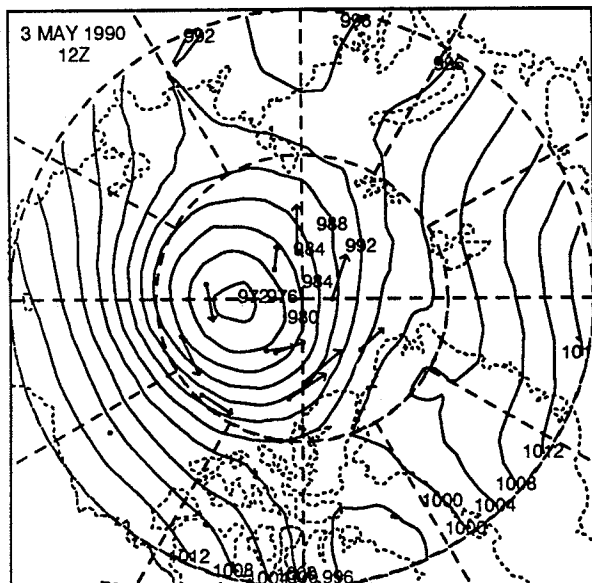
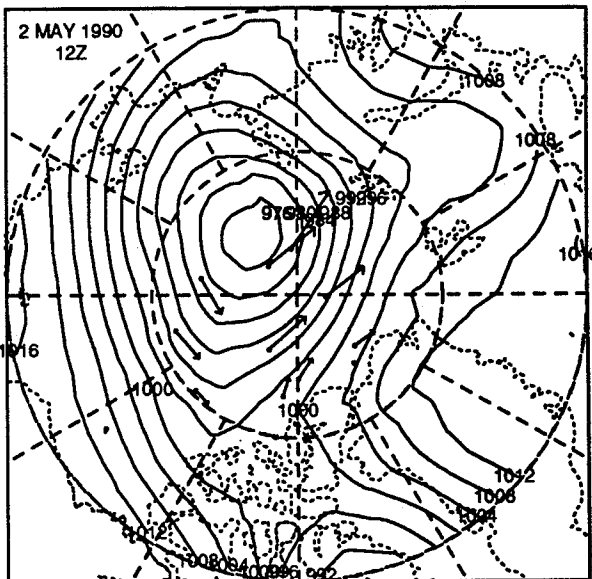
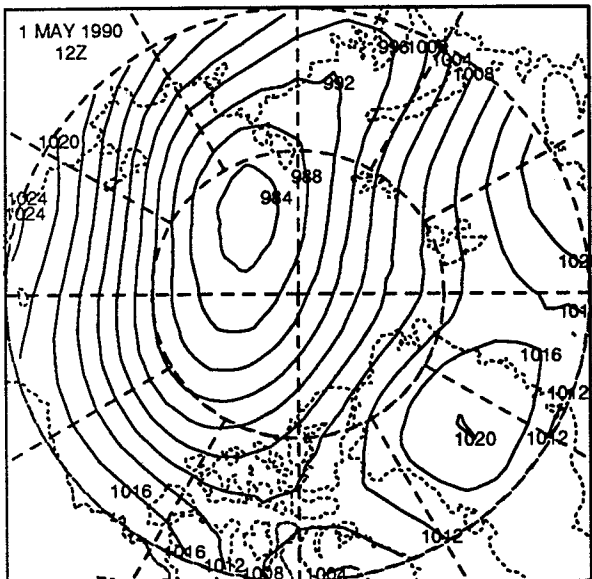
19 APR 1990 - 24 APR 1990



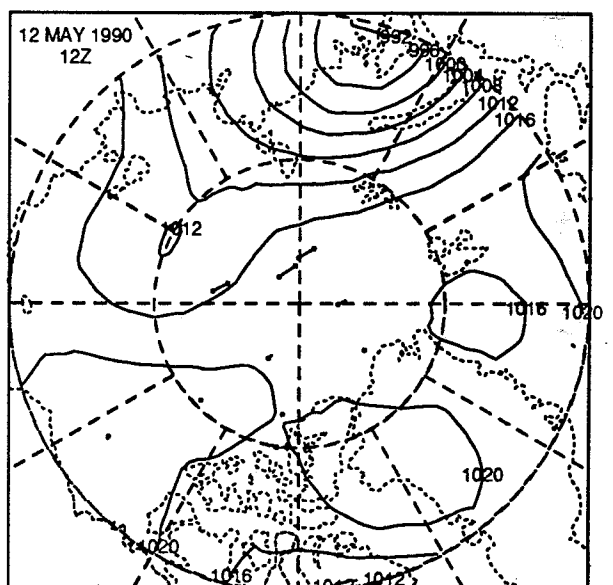
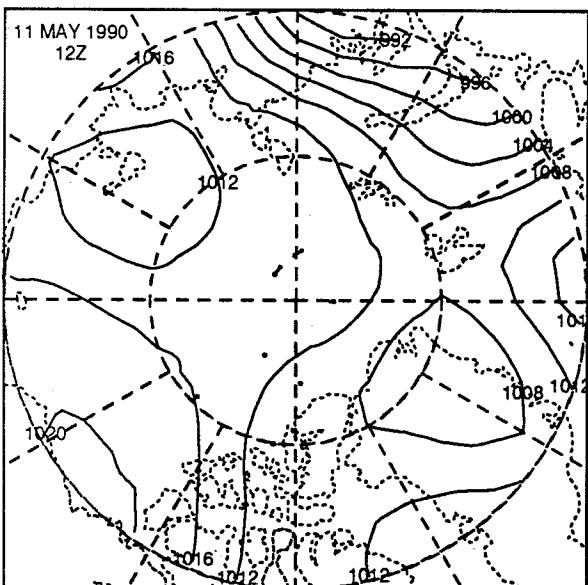
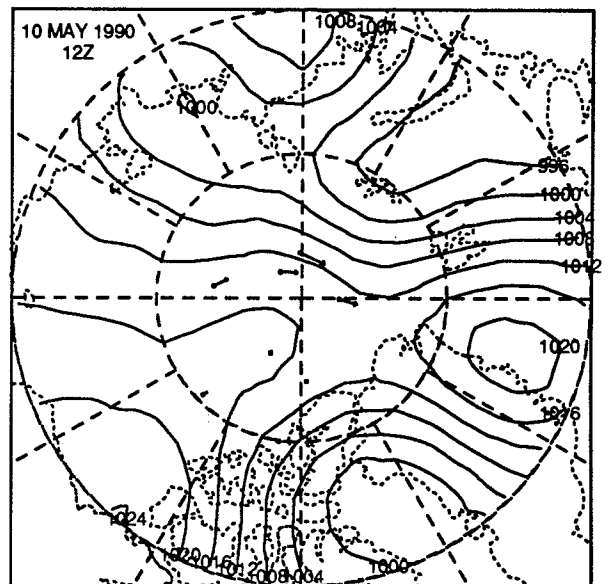
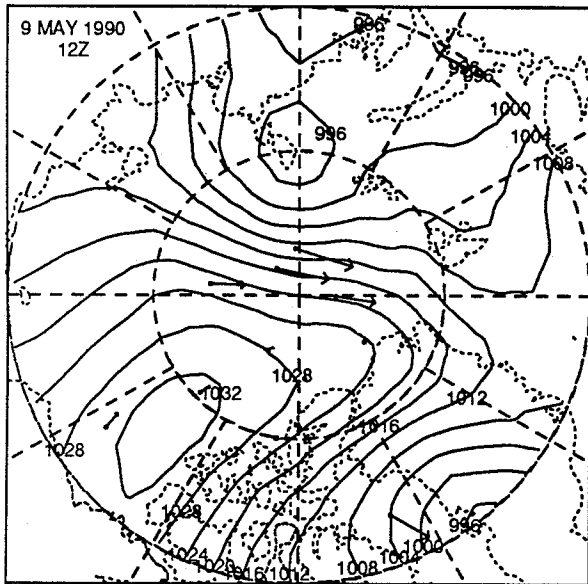
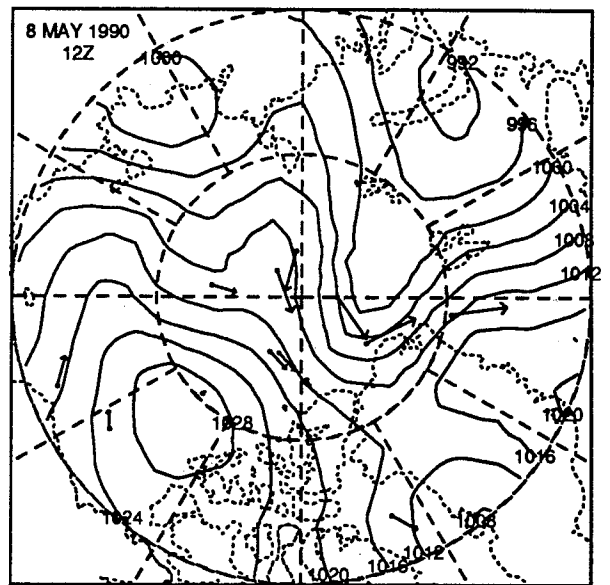
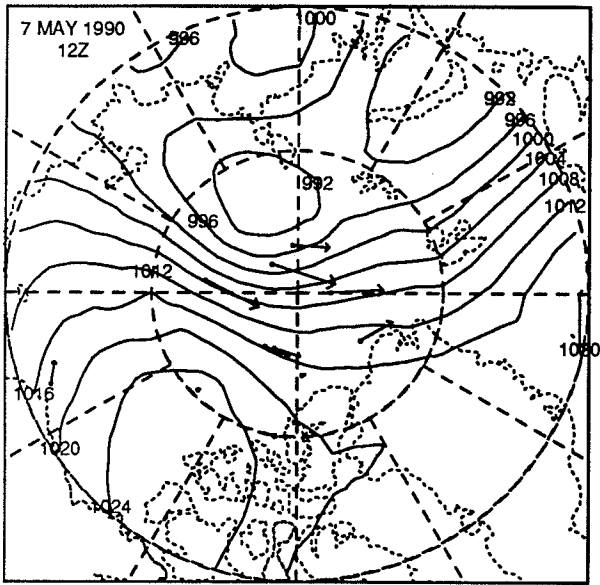
25 APR 1990 - 30 APR 1990



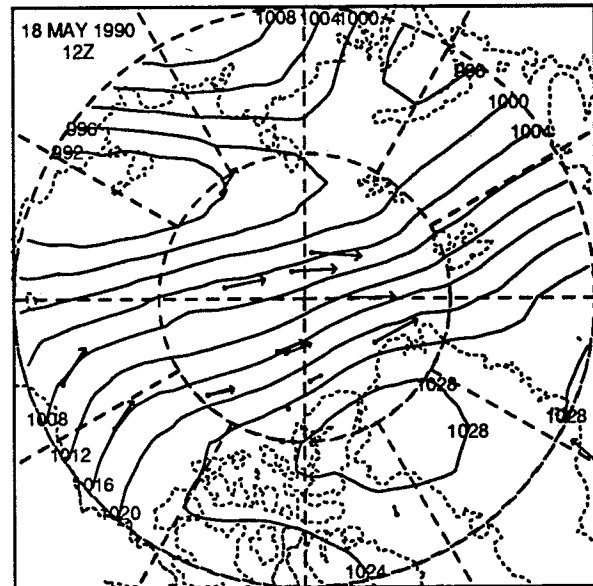
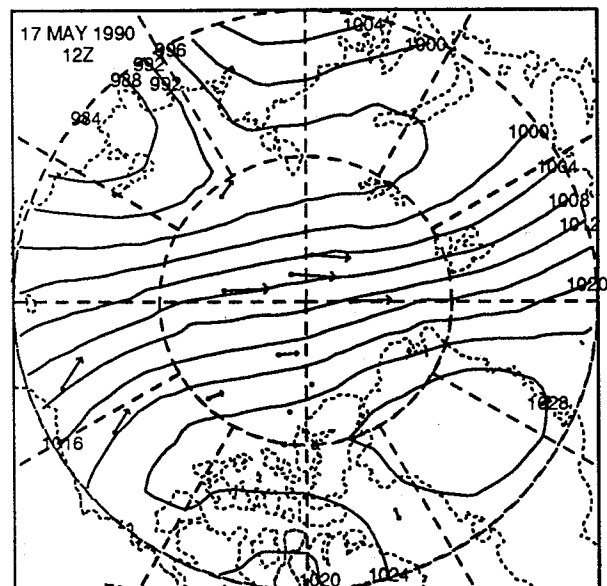
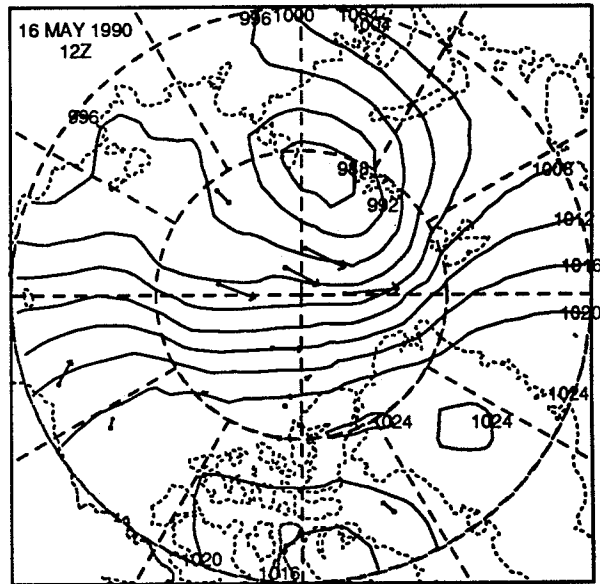
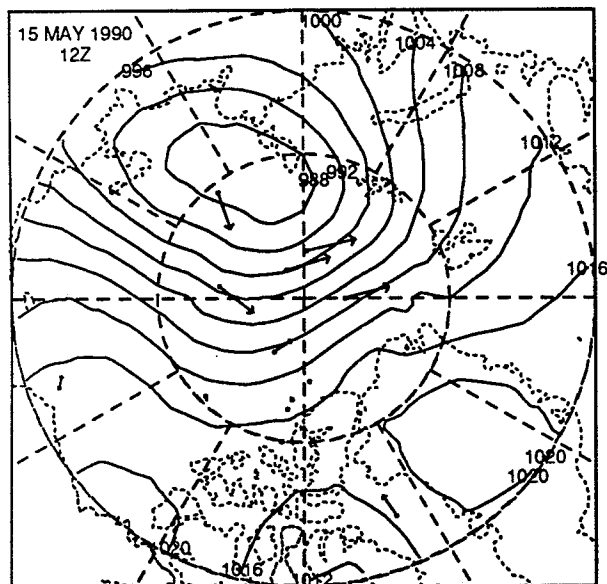
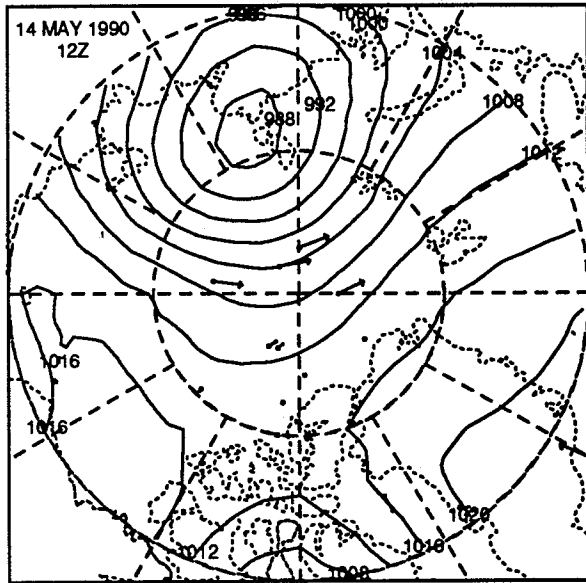
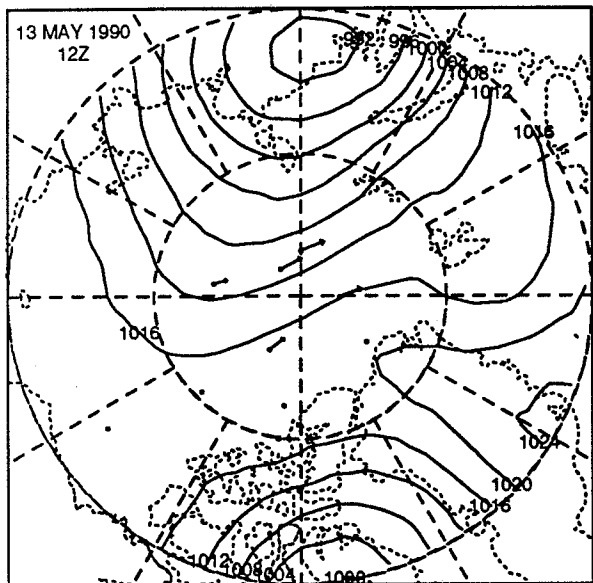
1 MAY 1990 - 6 MAY 1990



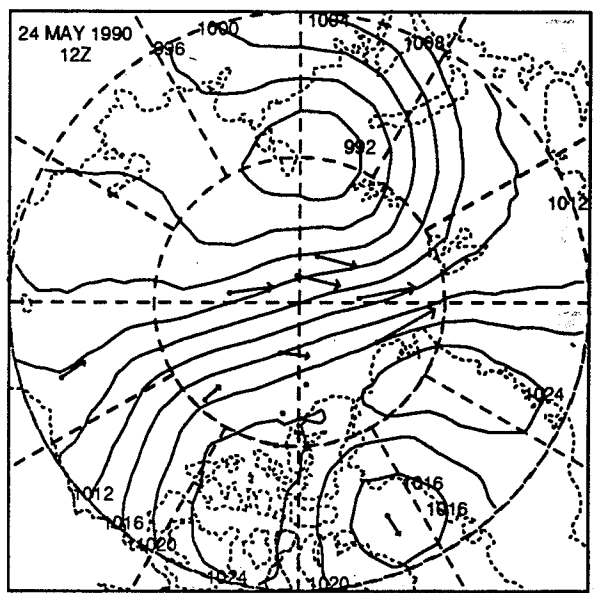
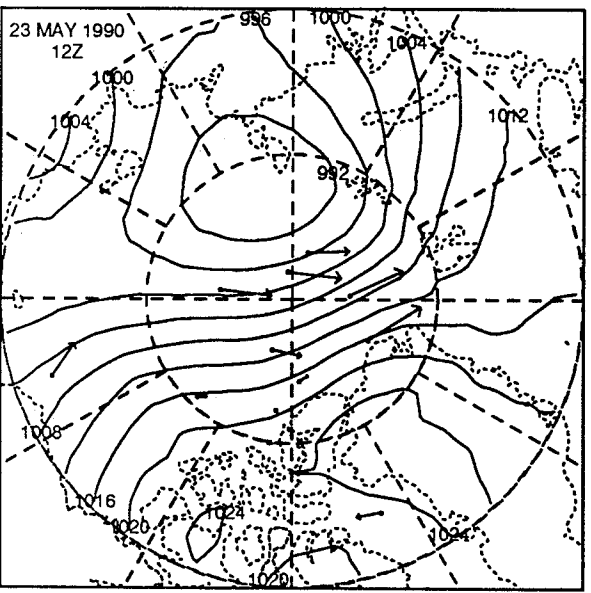
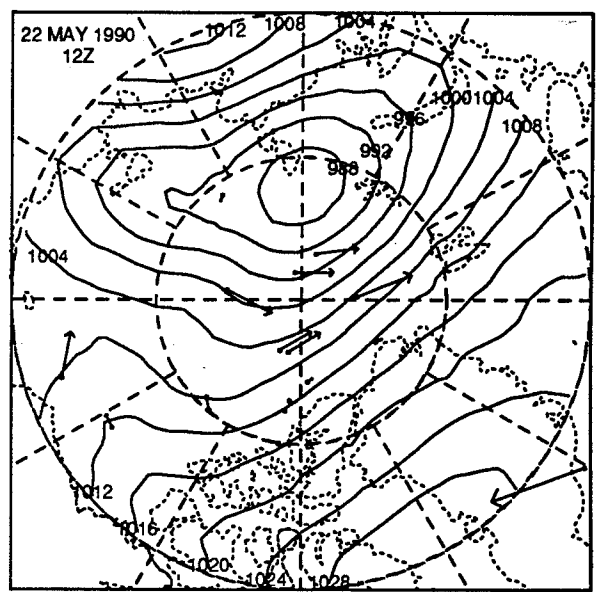
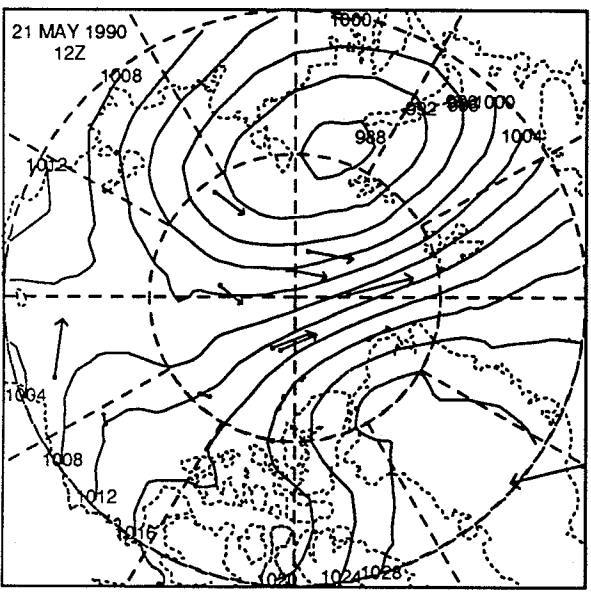
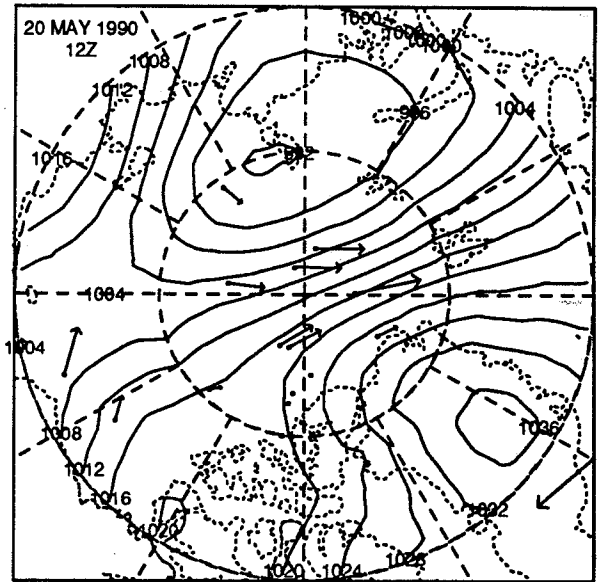
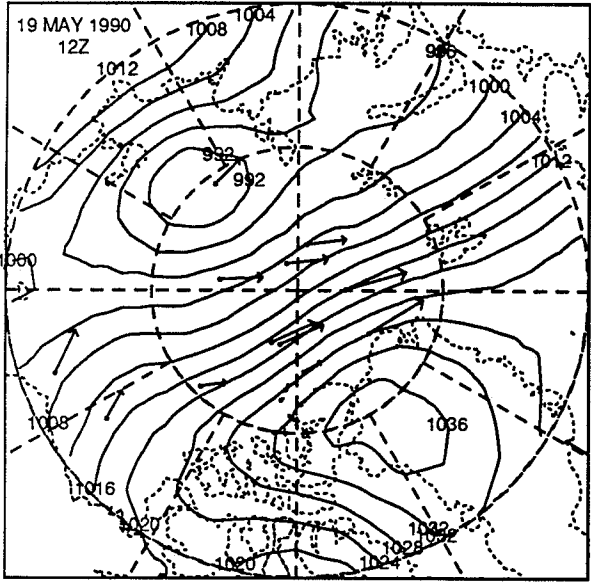
7 MAY 1990 - 12 MAY 1990



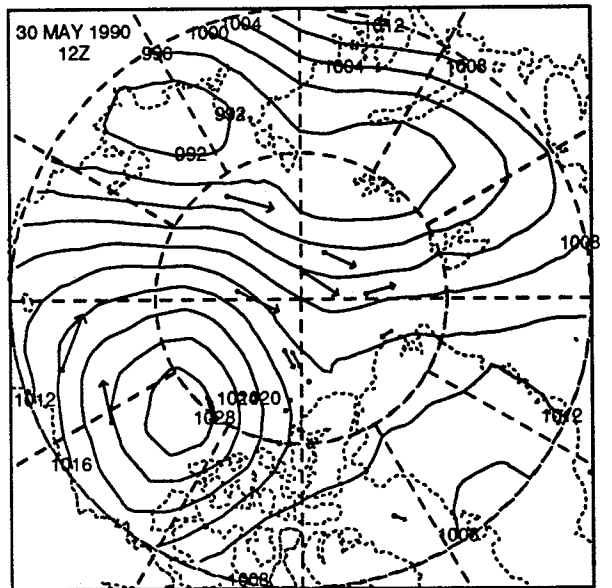
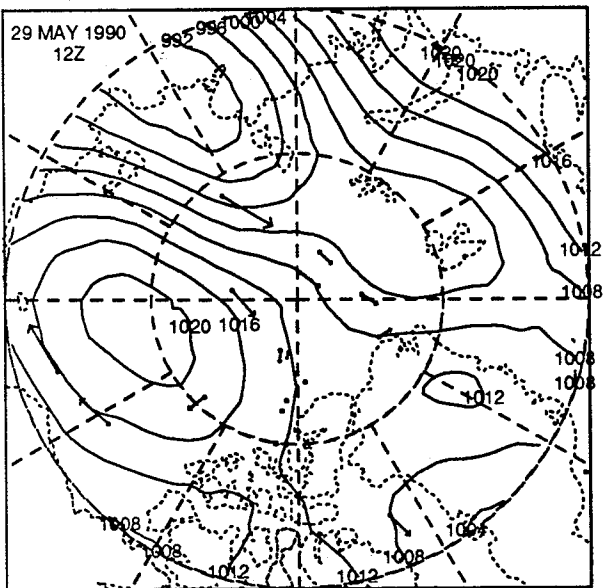
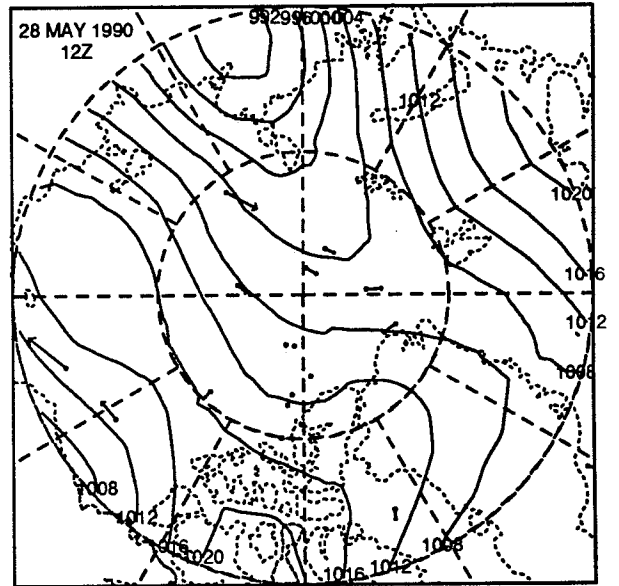
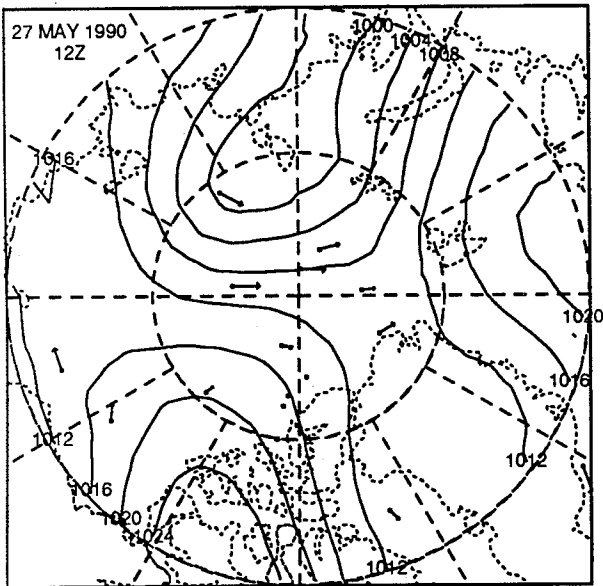
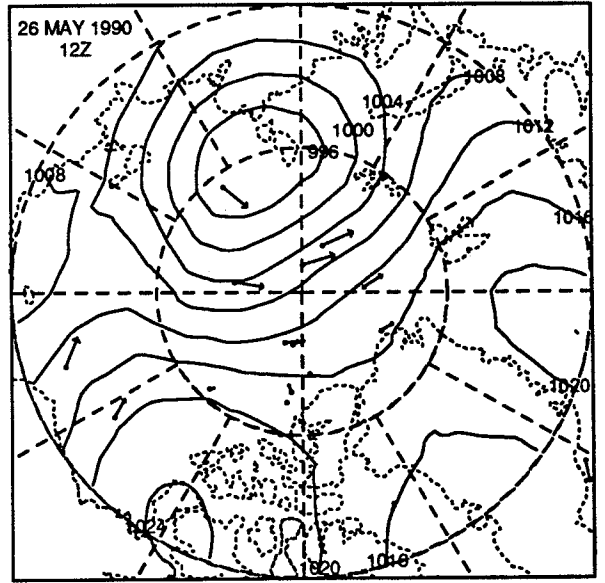
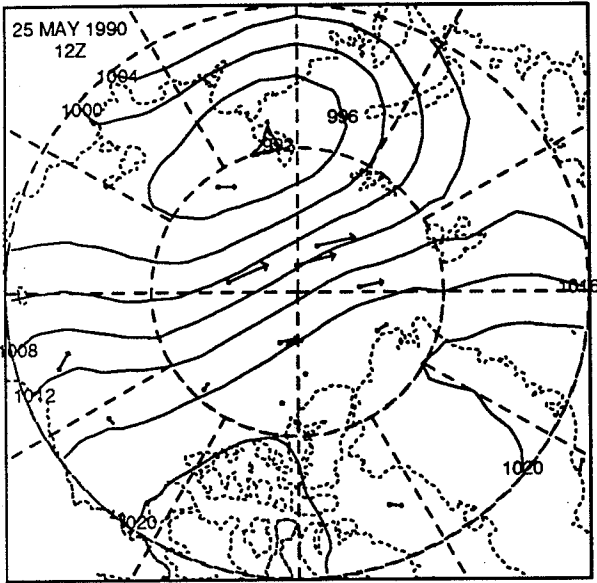
13 MAY 1990 - 18 MAY 1990



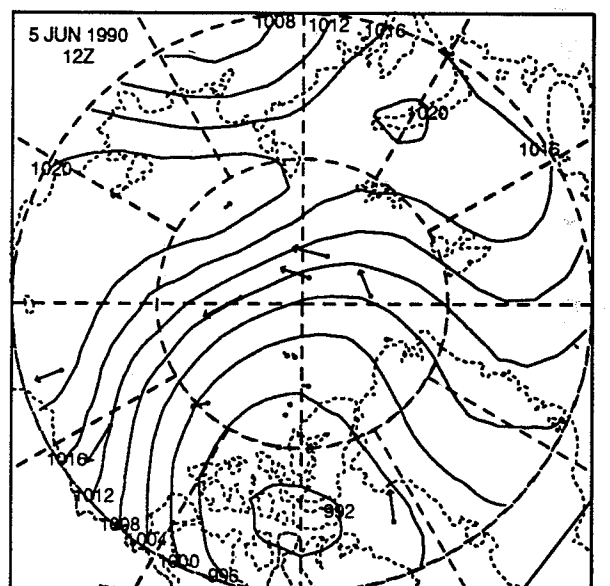
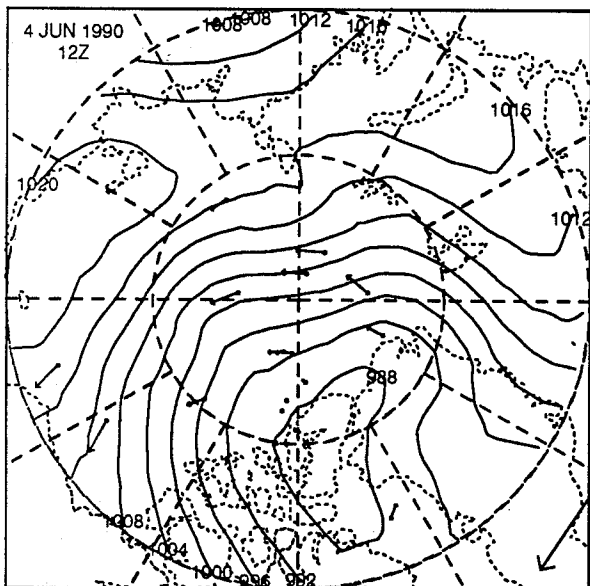
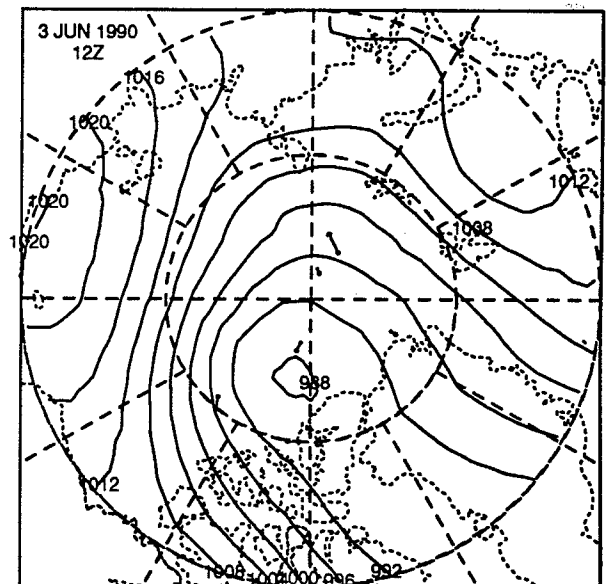
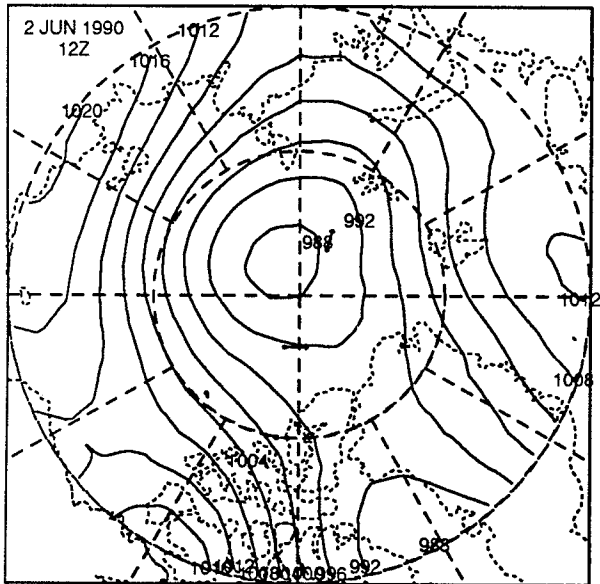
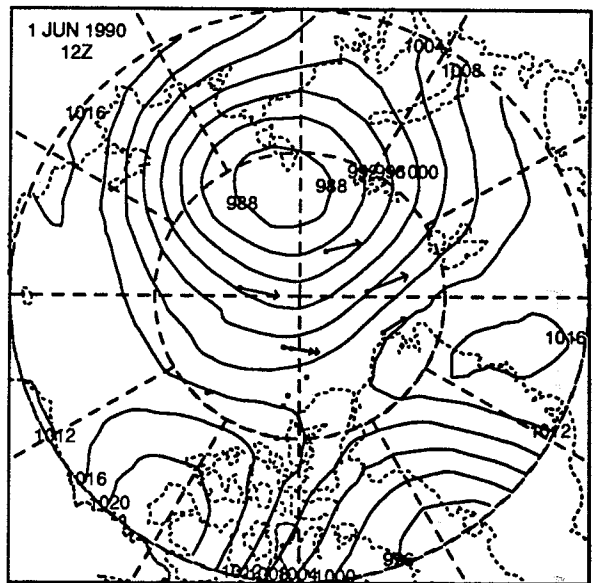
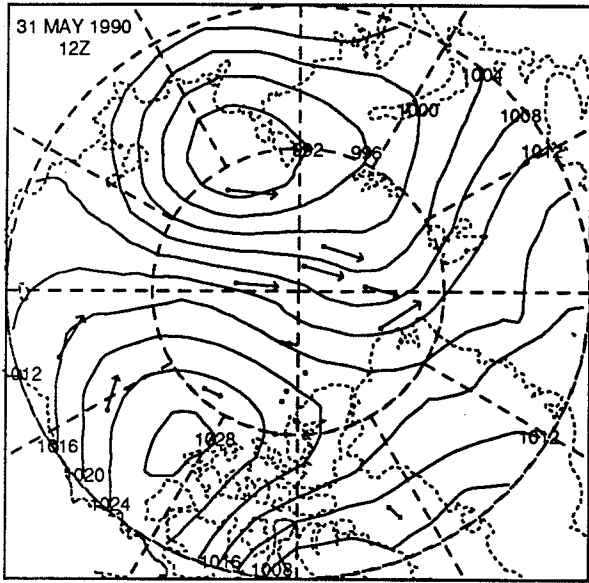
19 MAY 1990 - 24 MAY 1990



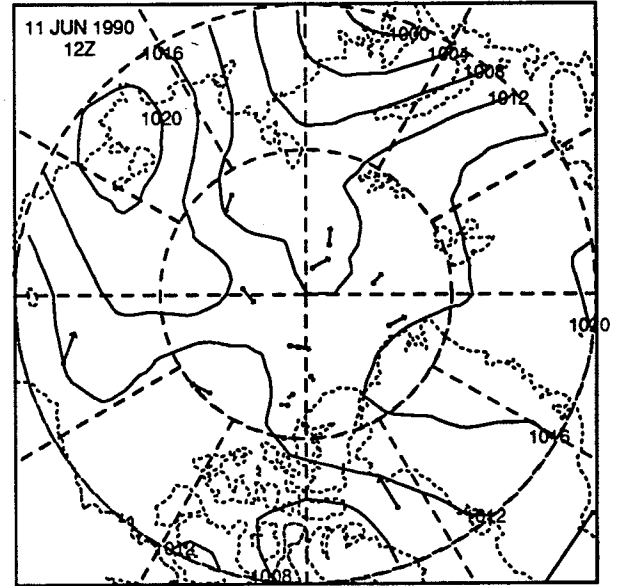
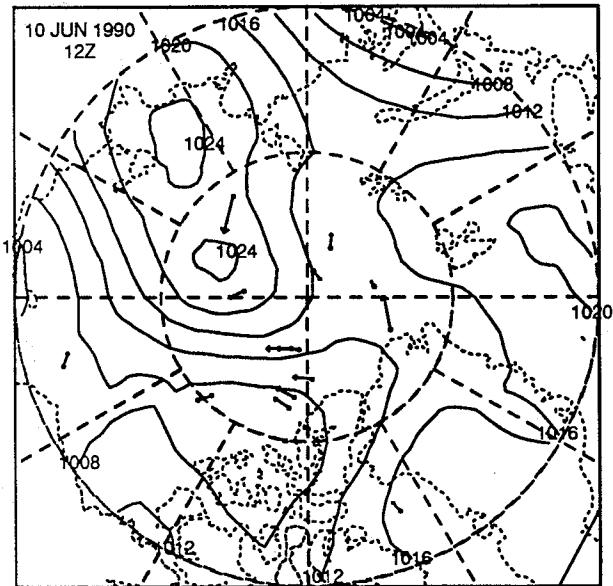
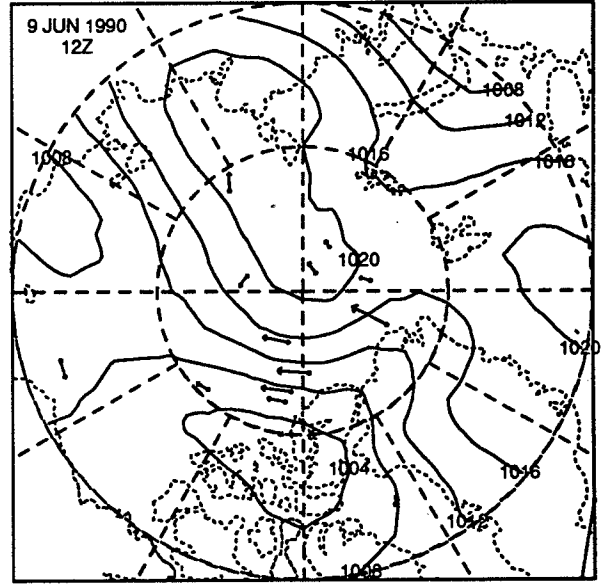
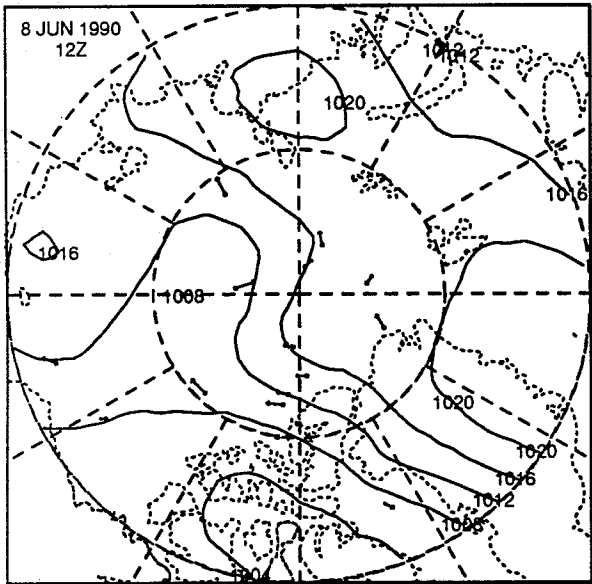
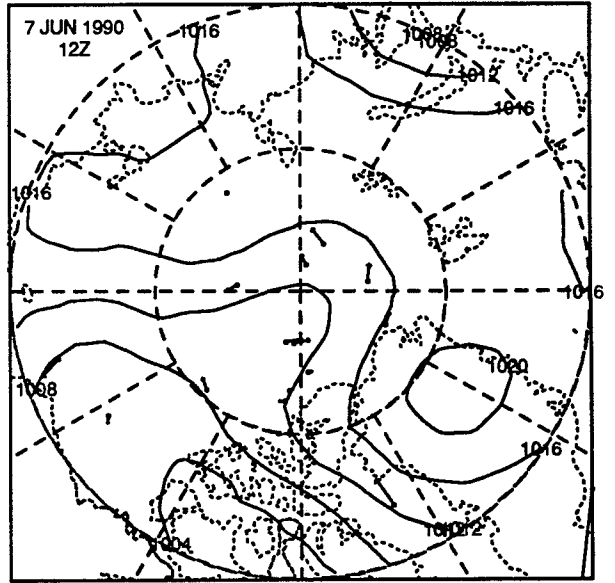
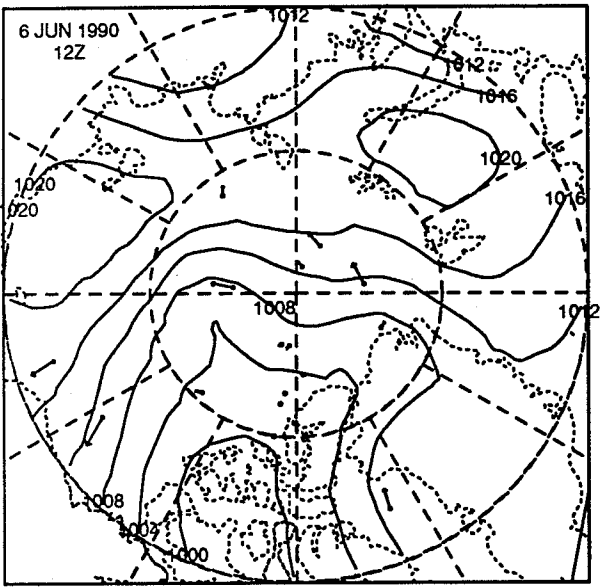
25 MAY 1990 - 30 MAY 1990



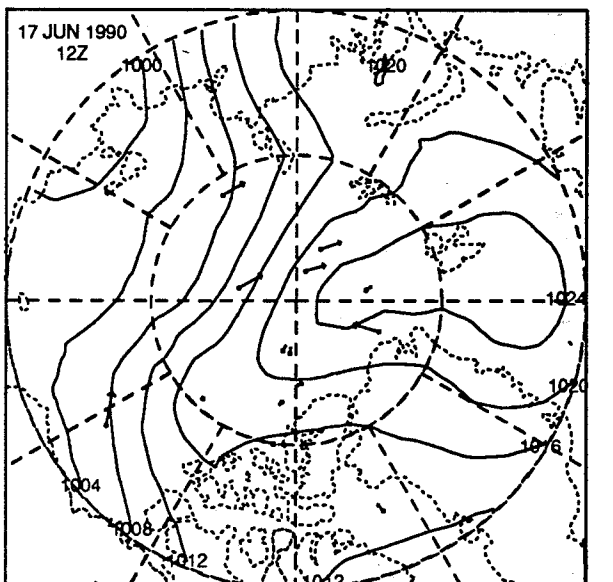
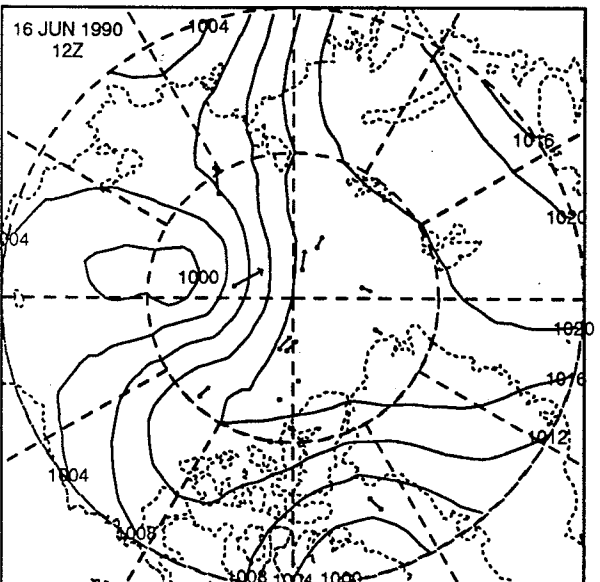
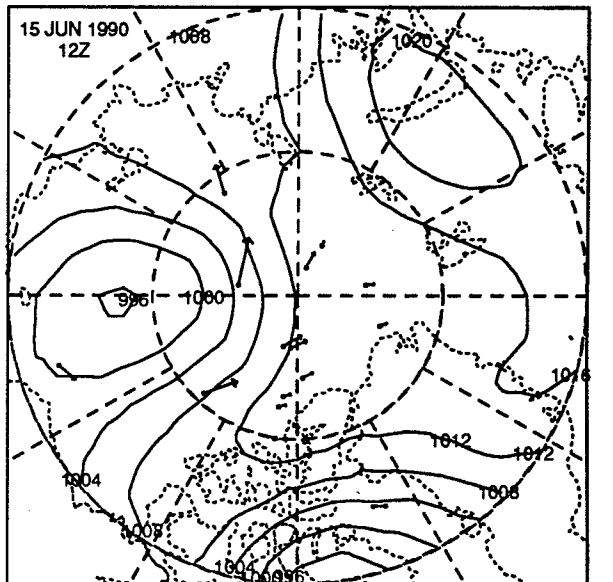
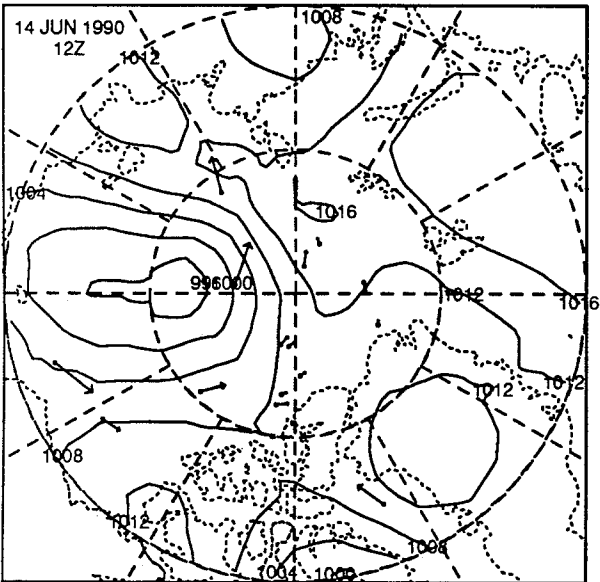
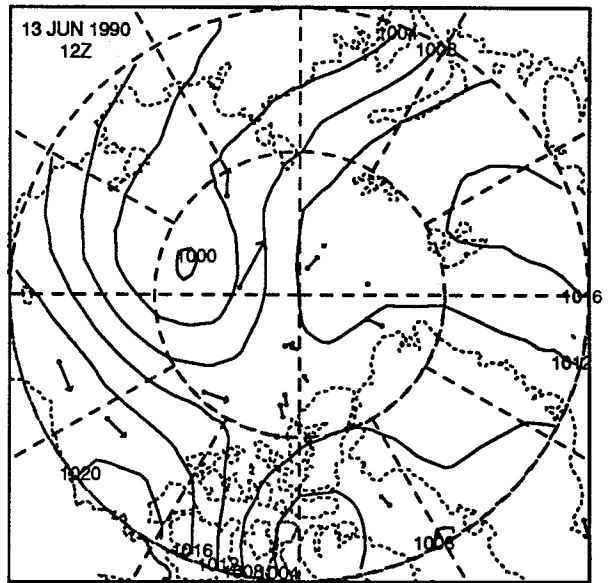
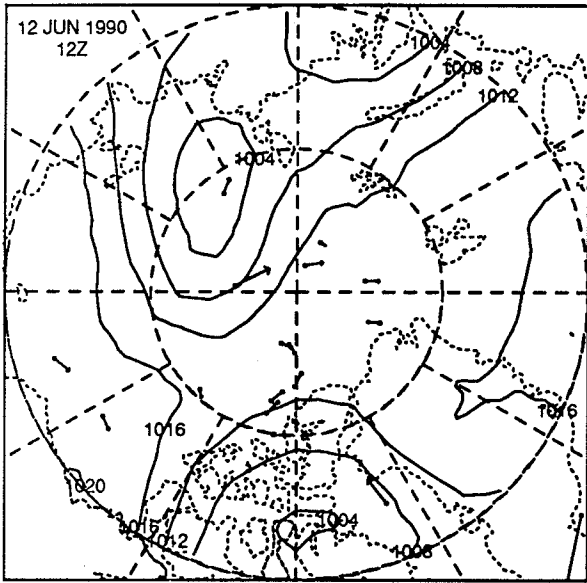
31 MAY 1990 - 5 JUN 1990



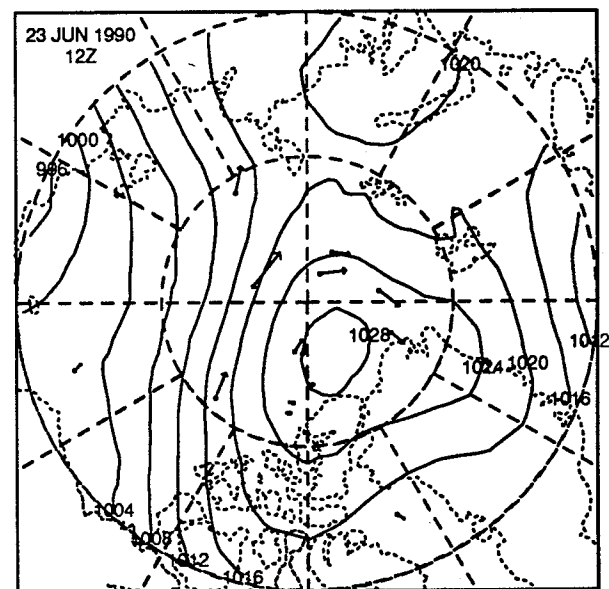
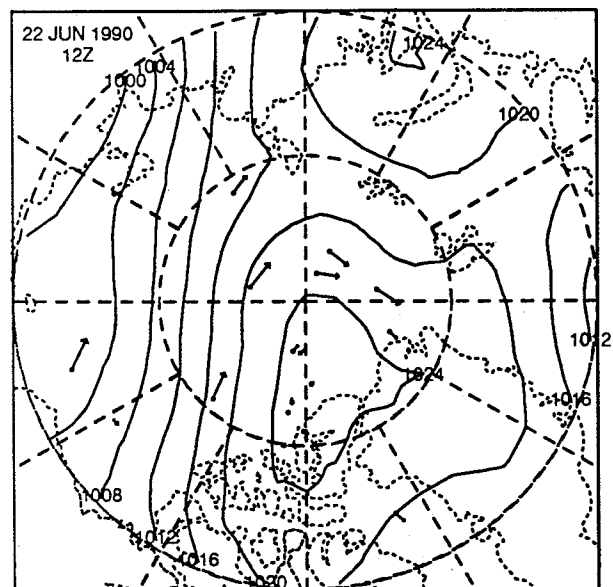
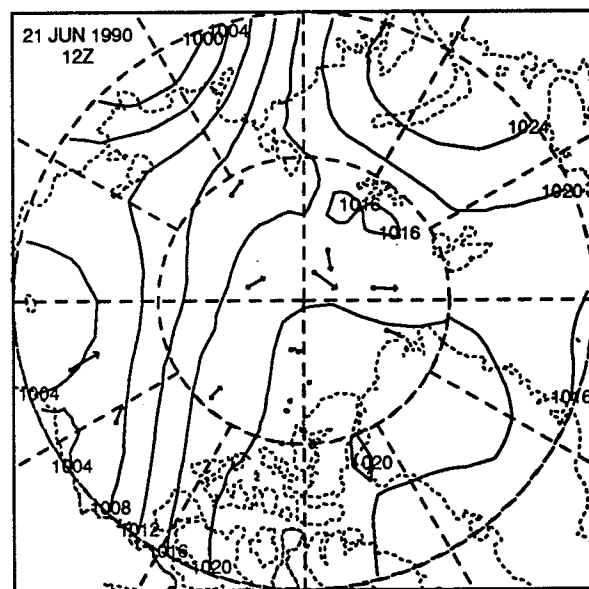
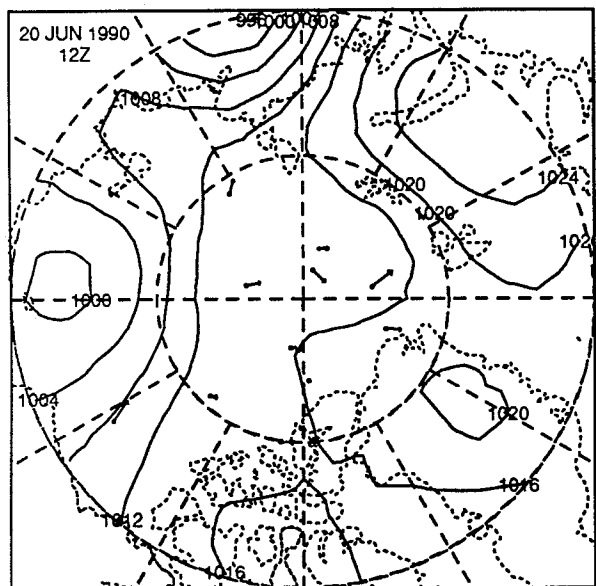
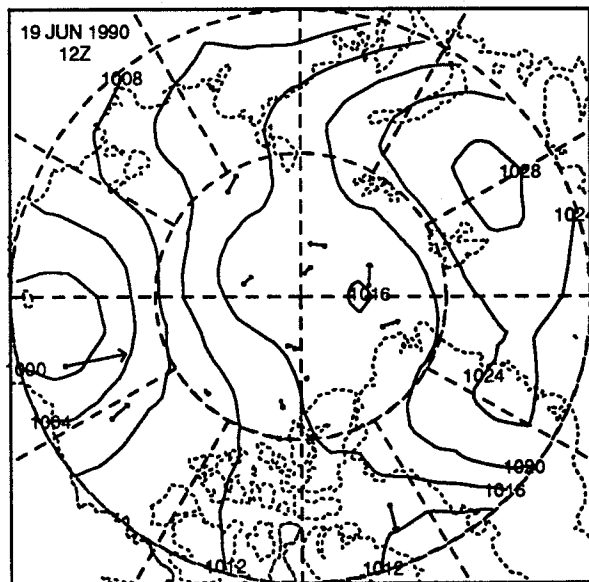
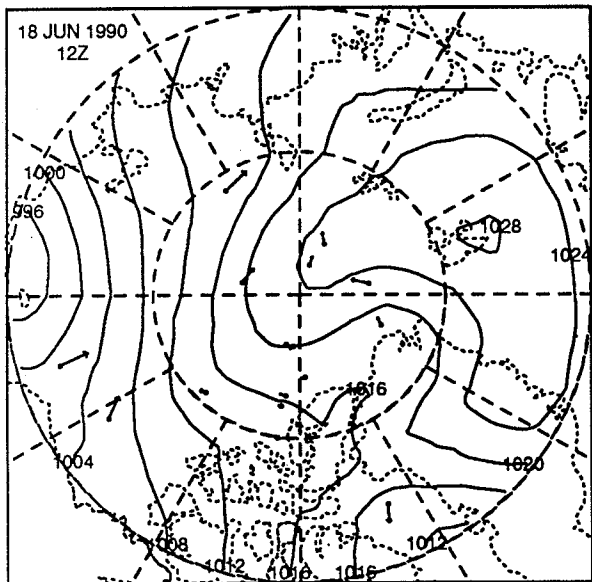
6 JUN 1990 - 11 JUN 1990



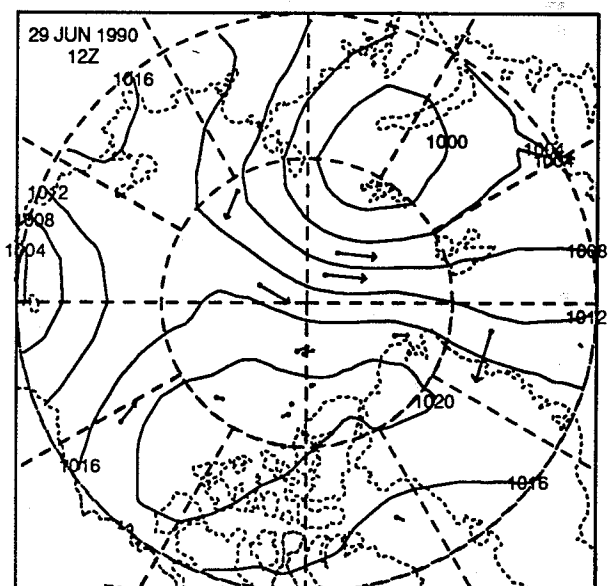
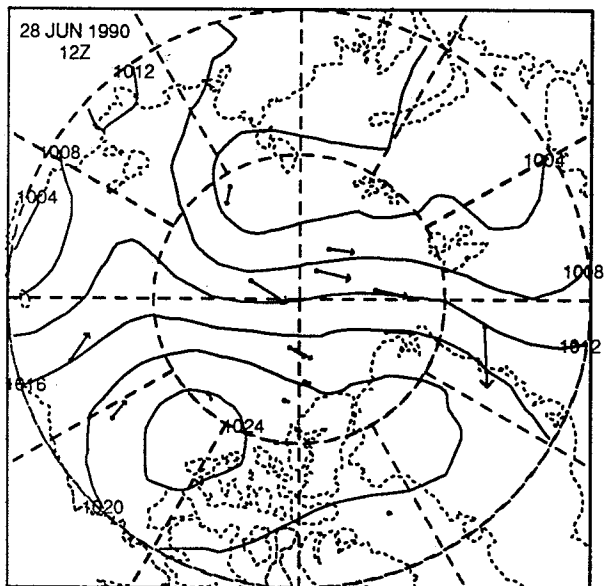
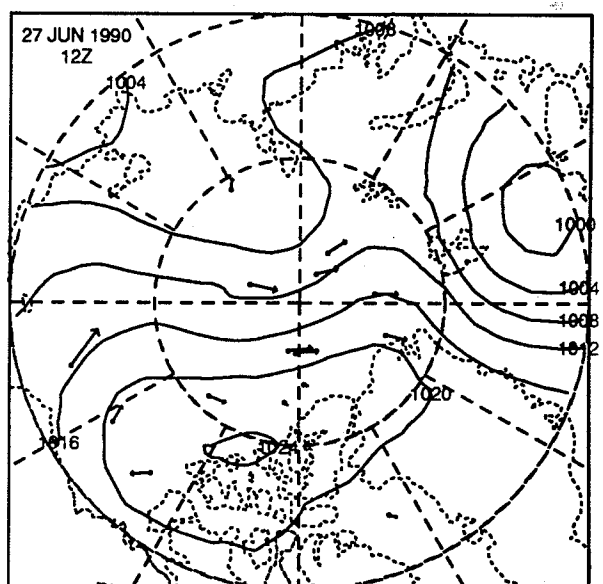
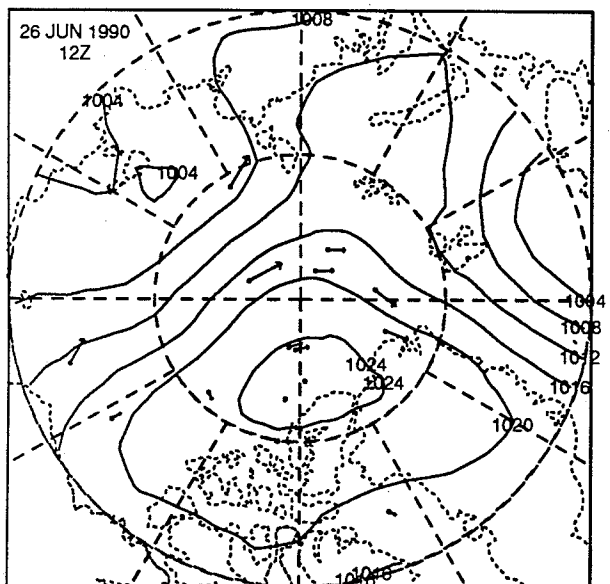
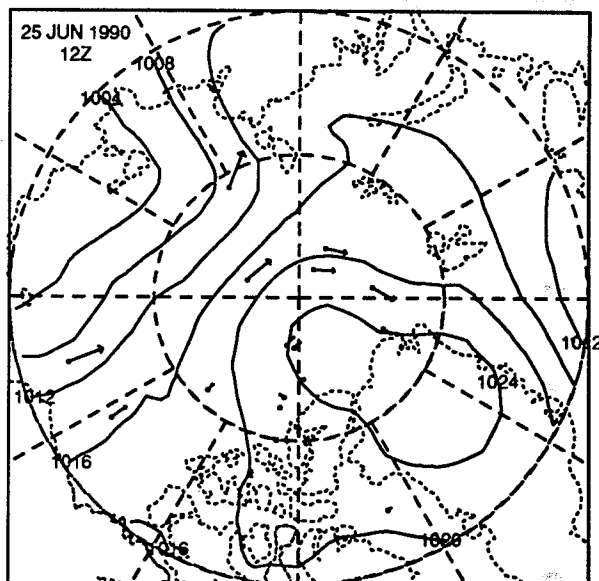
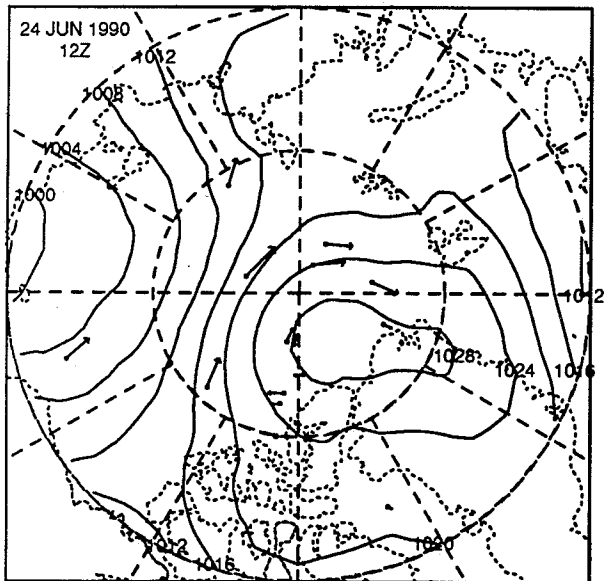
12 JUN 1990 - 17 JUN 1990



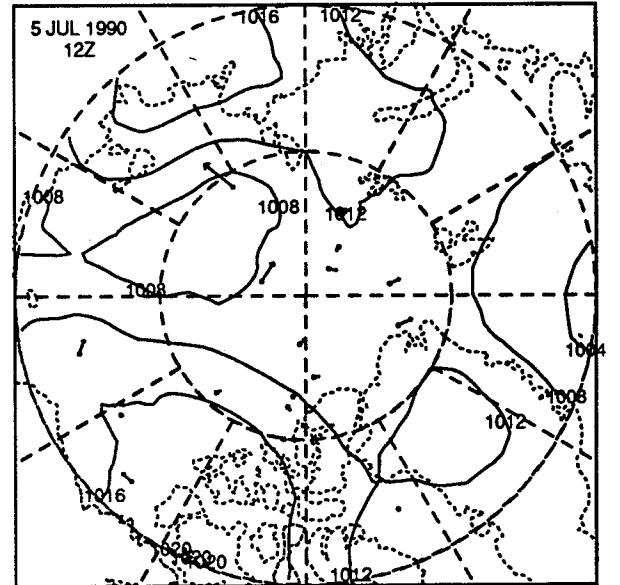
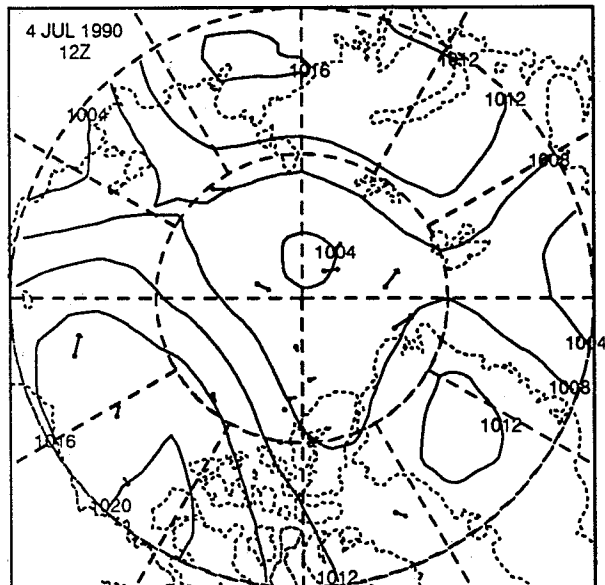
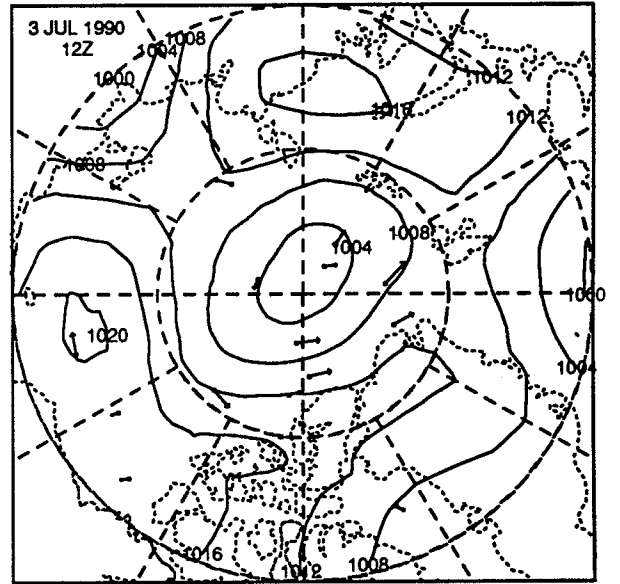
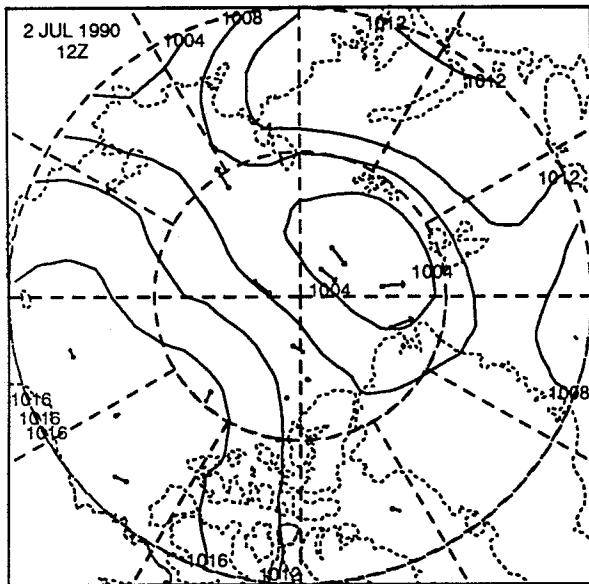
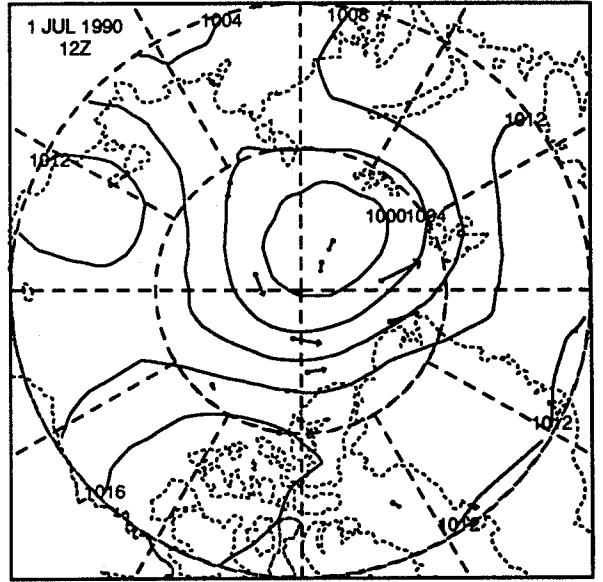
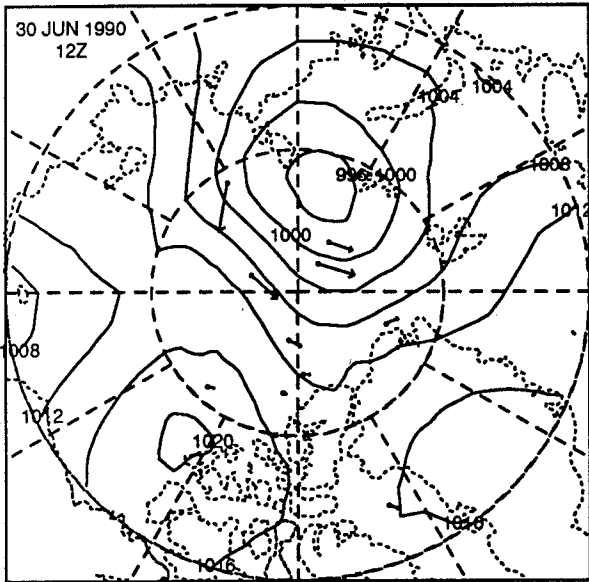
18 JUN 1990 - 23 JUN 1990



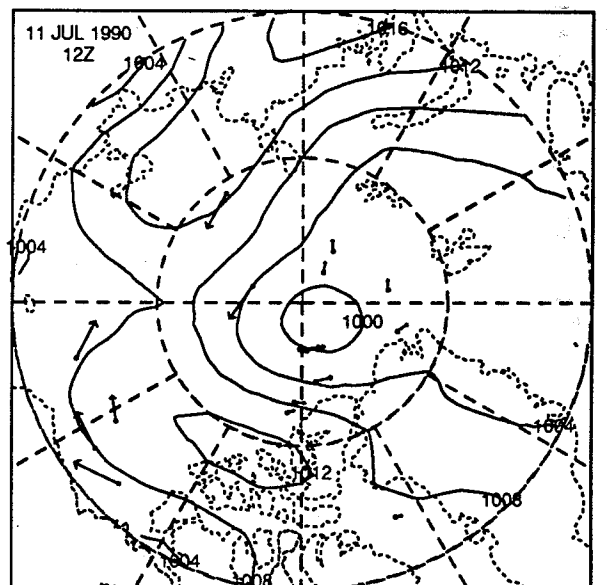
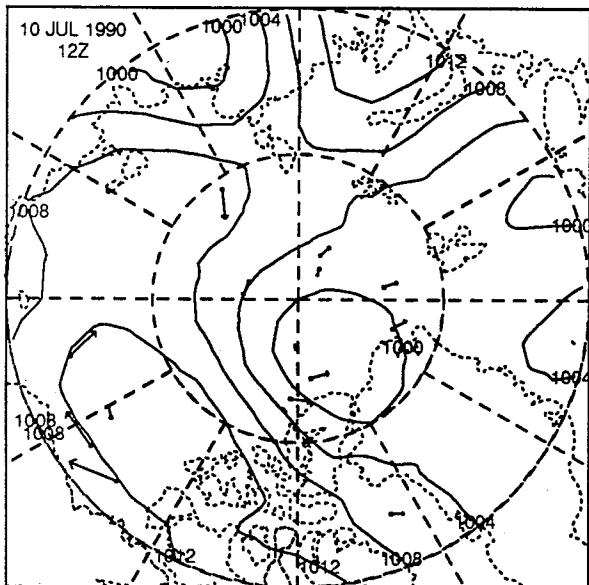
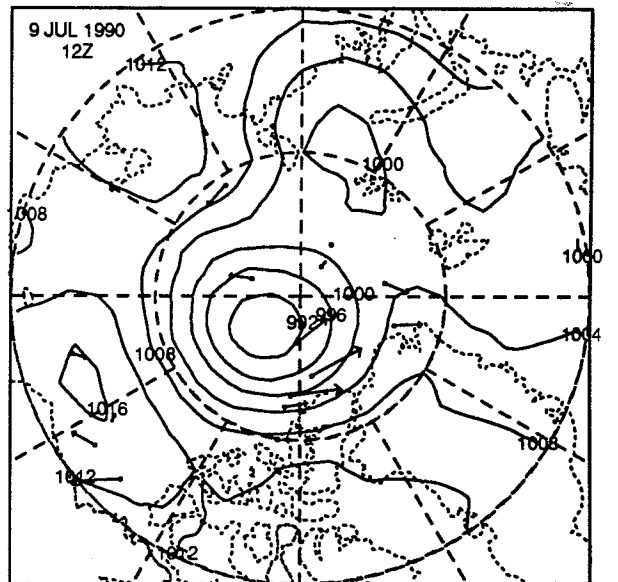
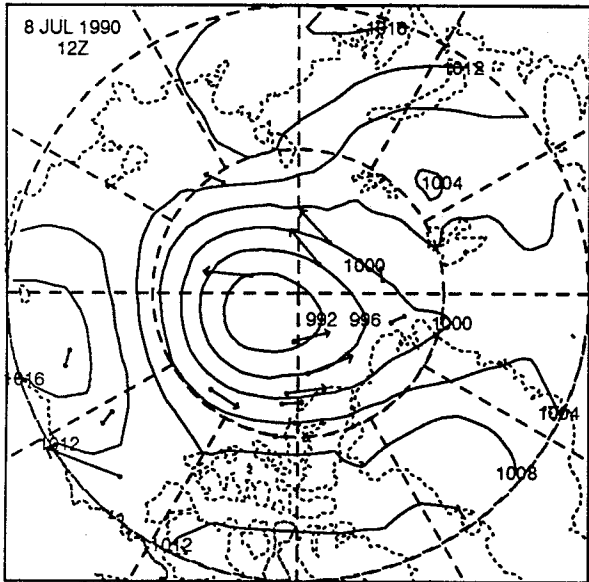
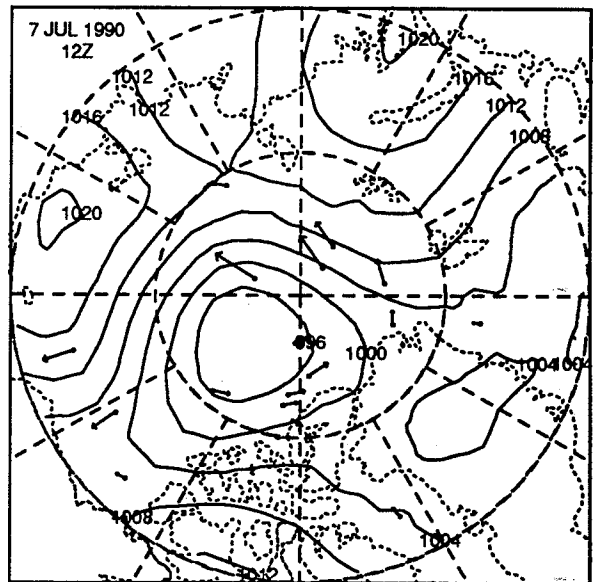
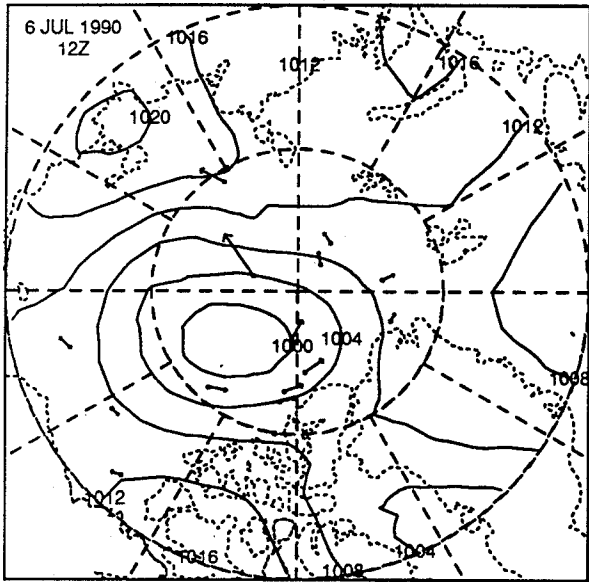
24 JUN 1990 - 29 JUN 1990



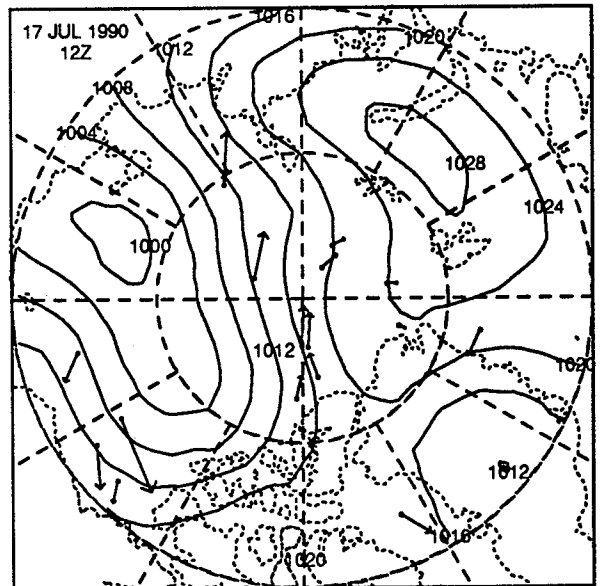
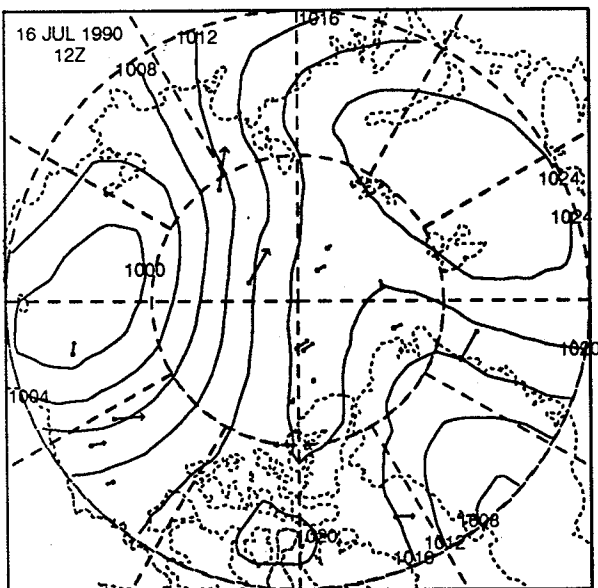
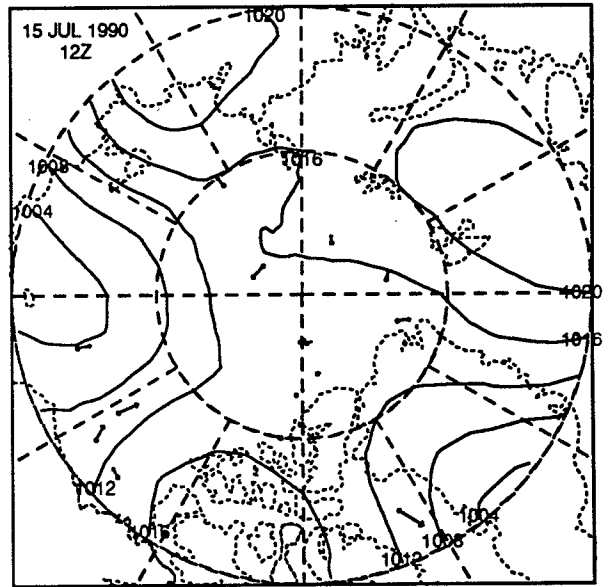
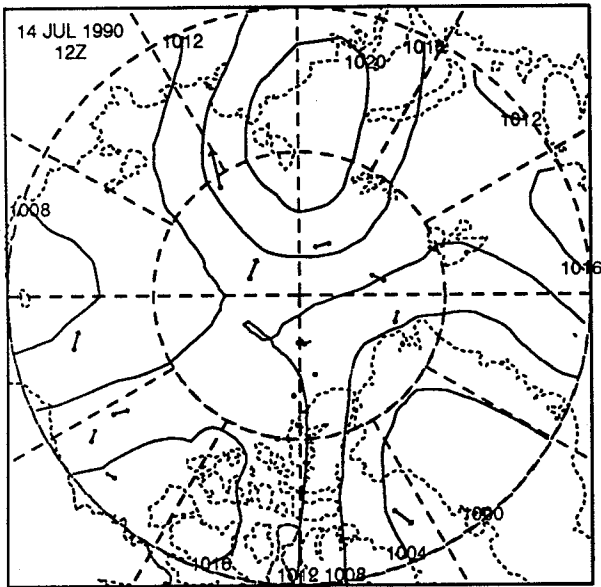
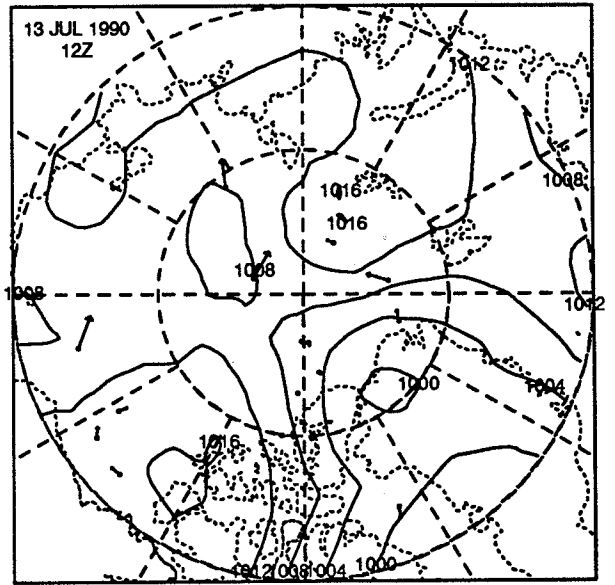
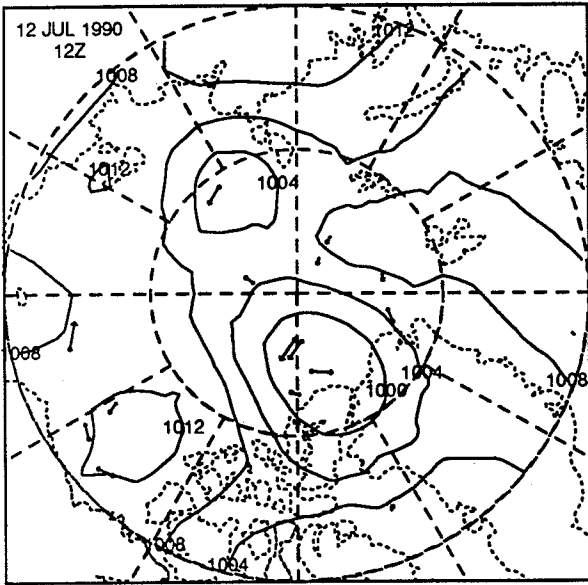
30 JUN 1990 - 5 JUL 1990



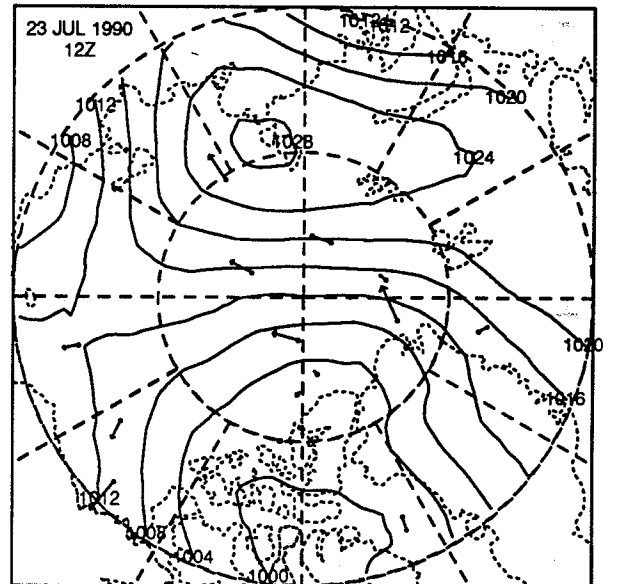
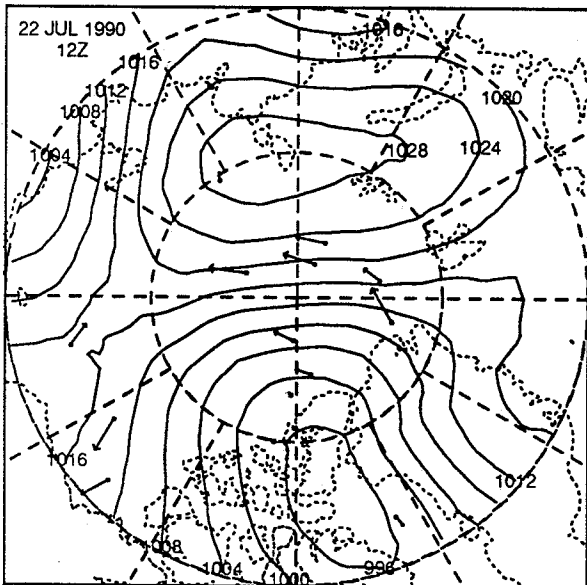
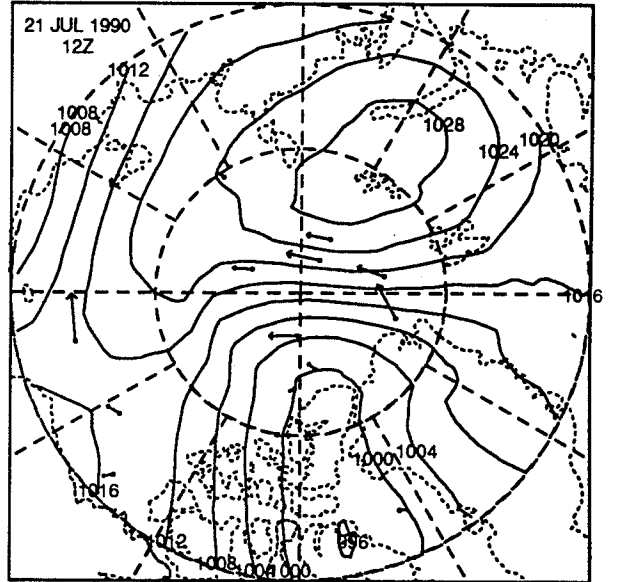
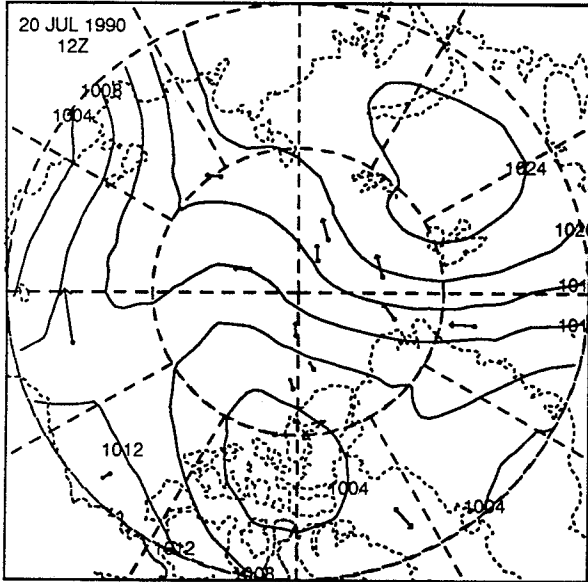
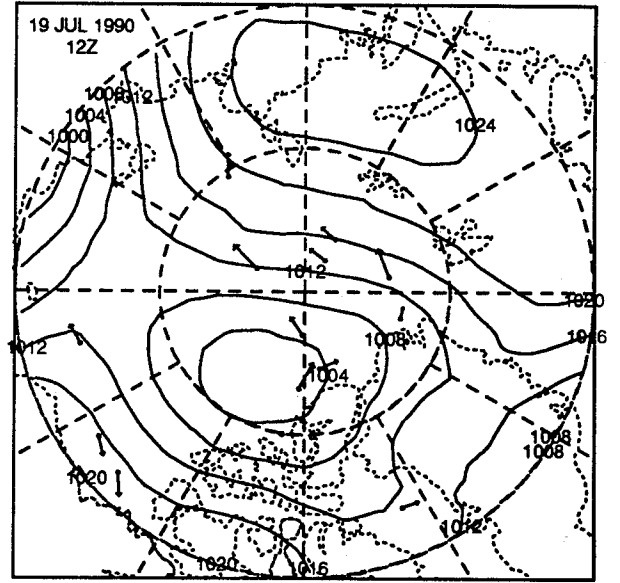
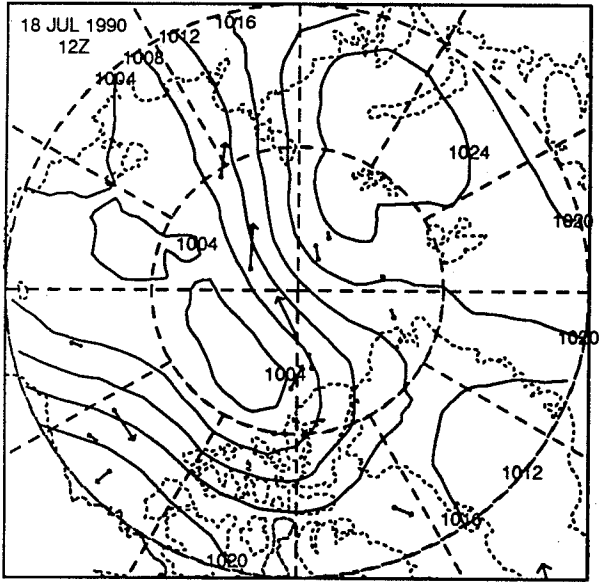
6 JUL 1990 - 11 JUL 1990



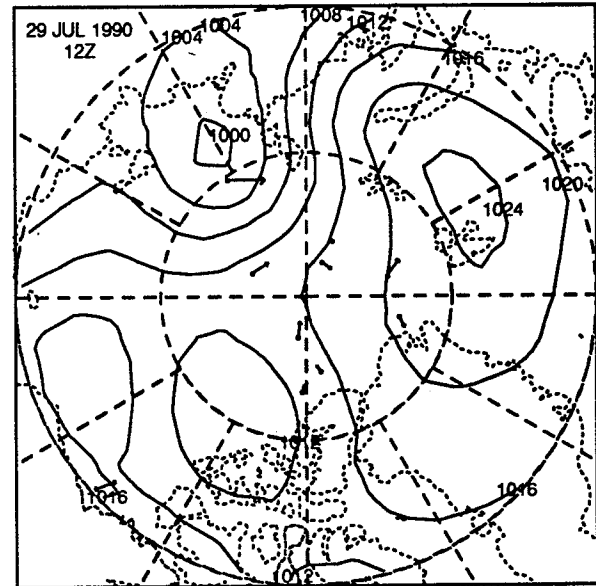
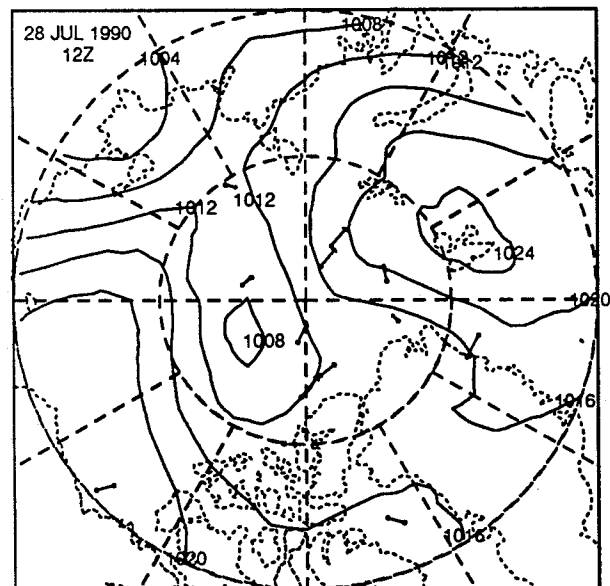
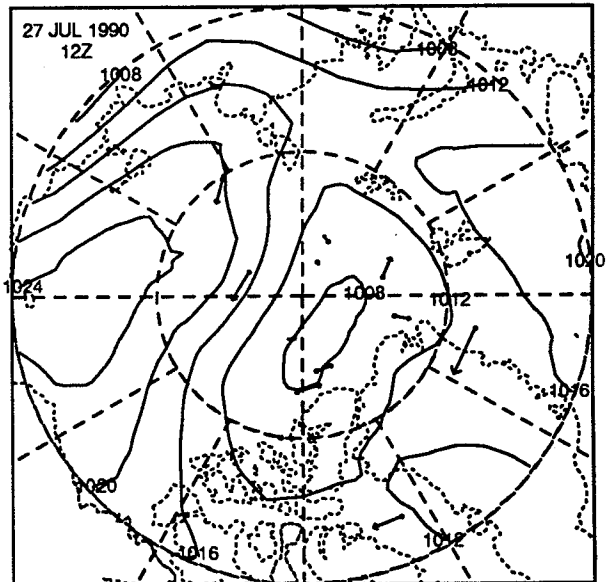
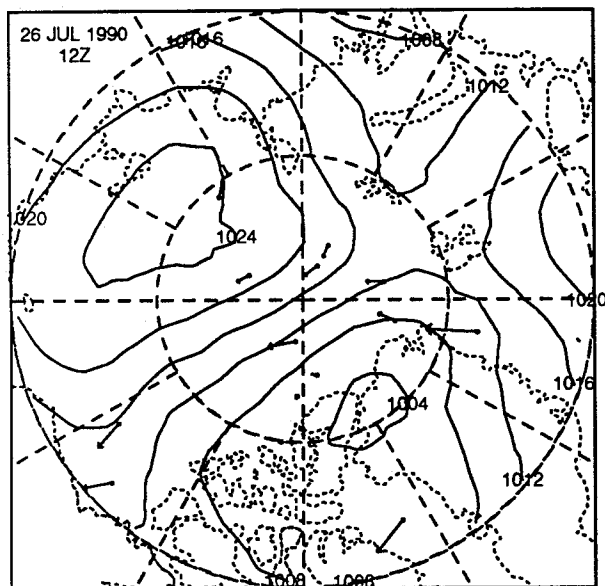
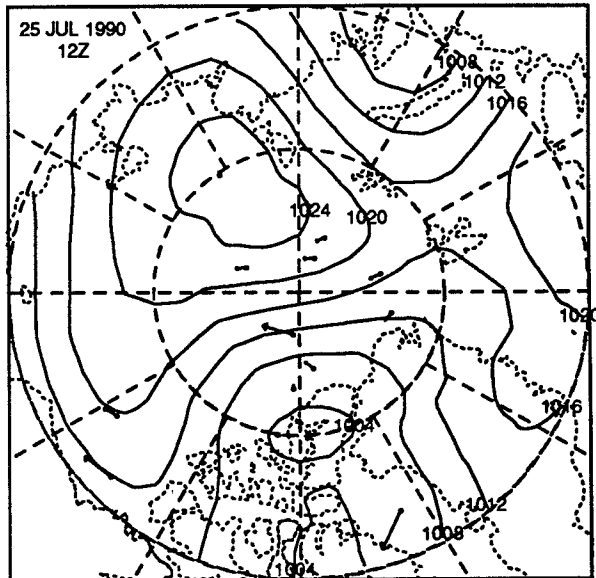
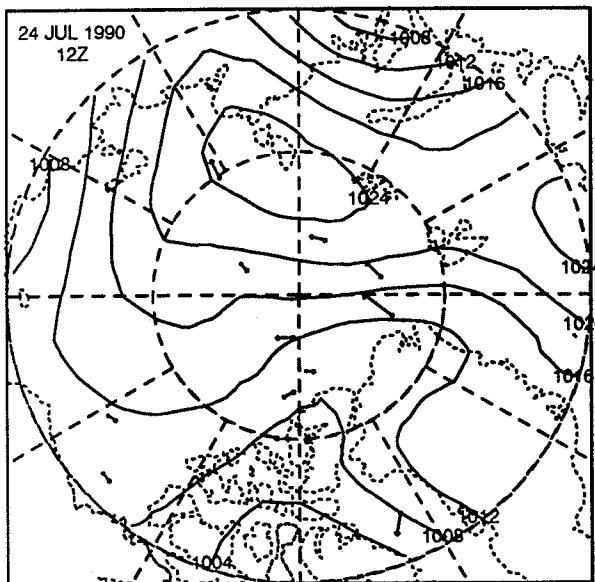
12 JUL 1990 - 17 JUL 1990



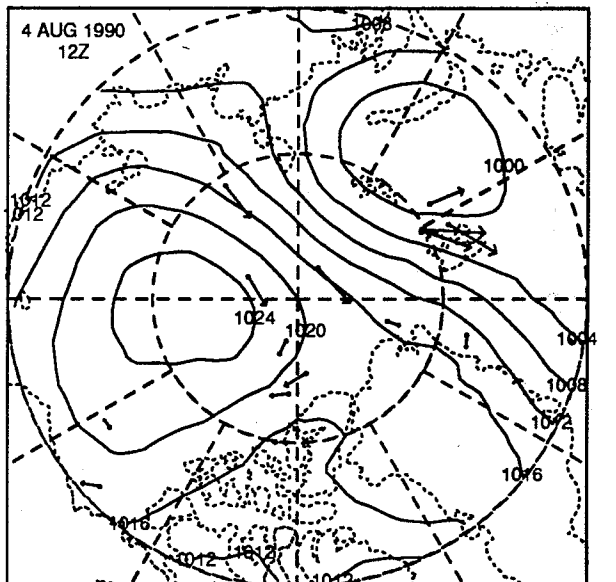
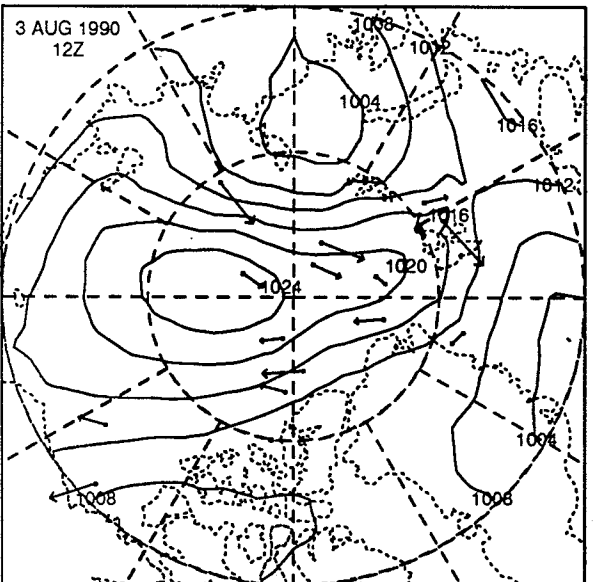
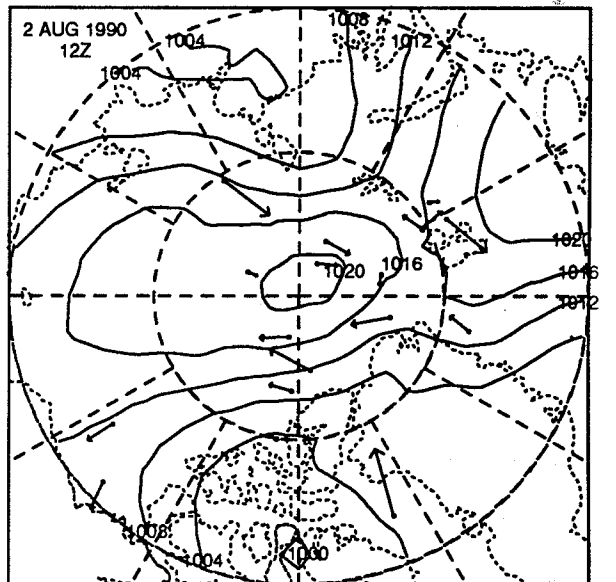
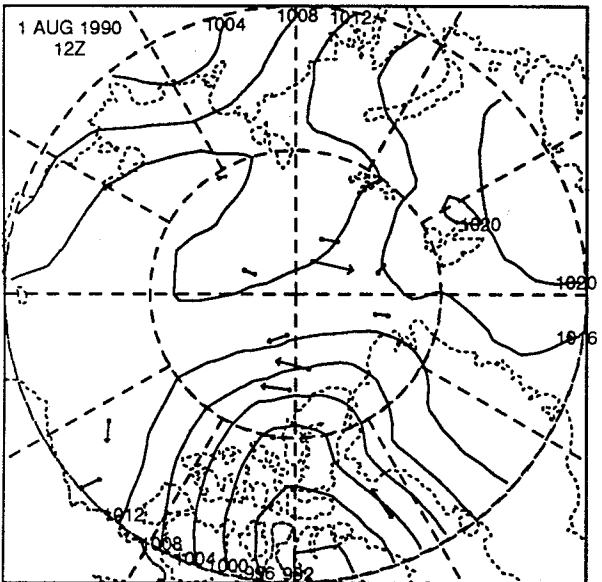
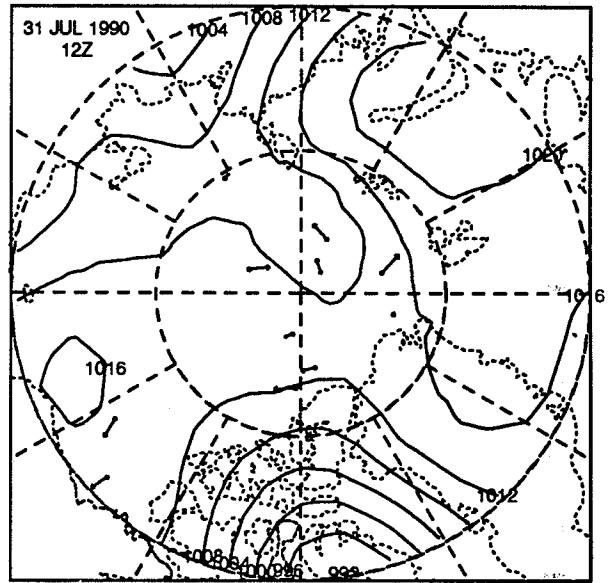
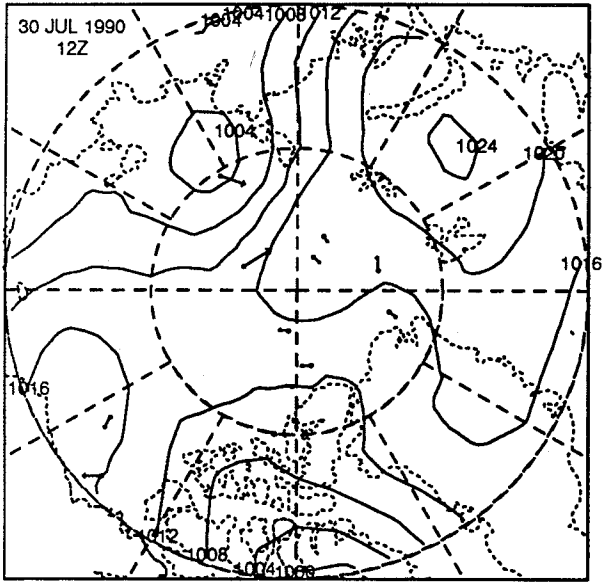
18 JUL 1990 - 23 JUL 1990



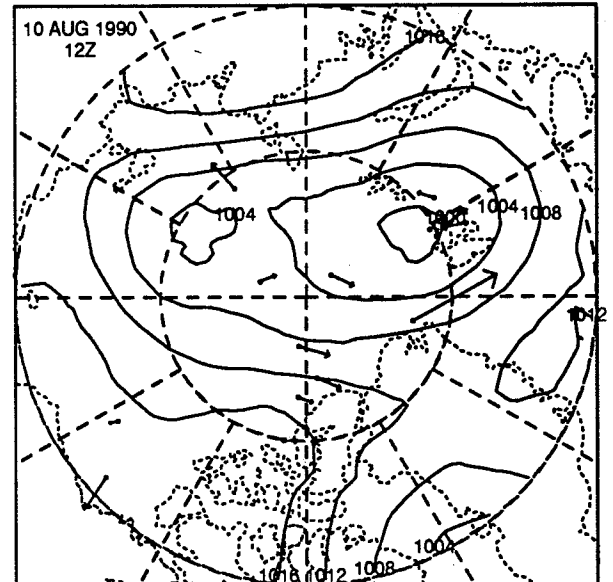
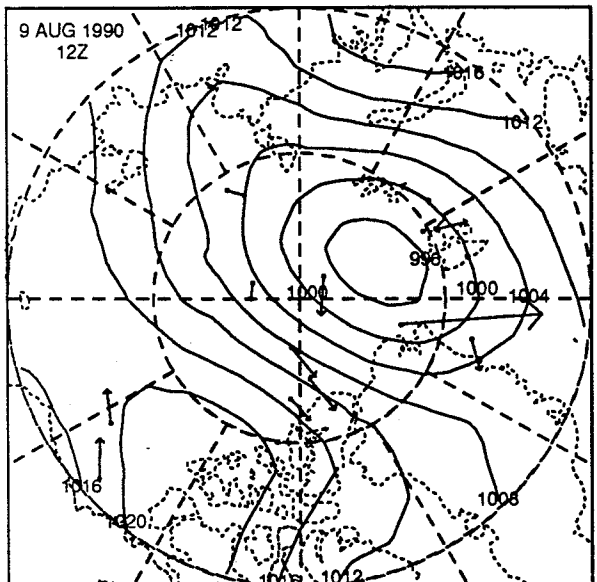
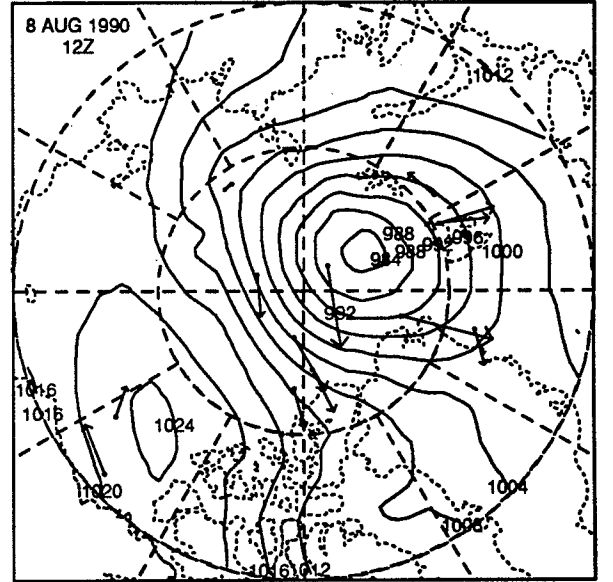
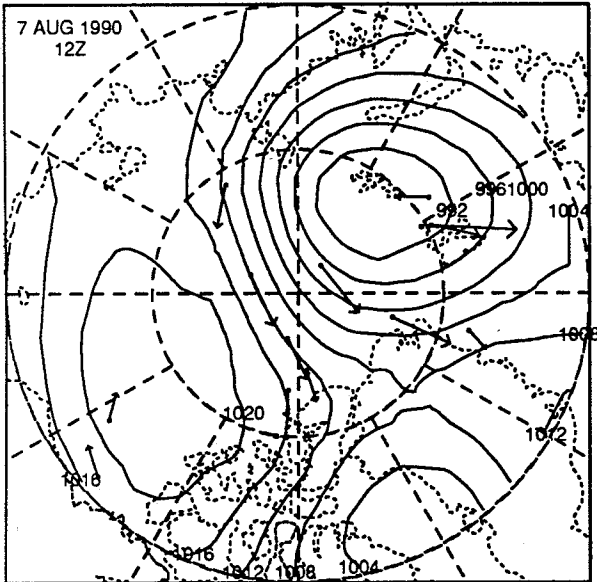
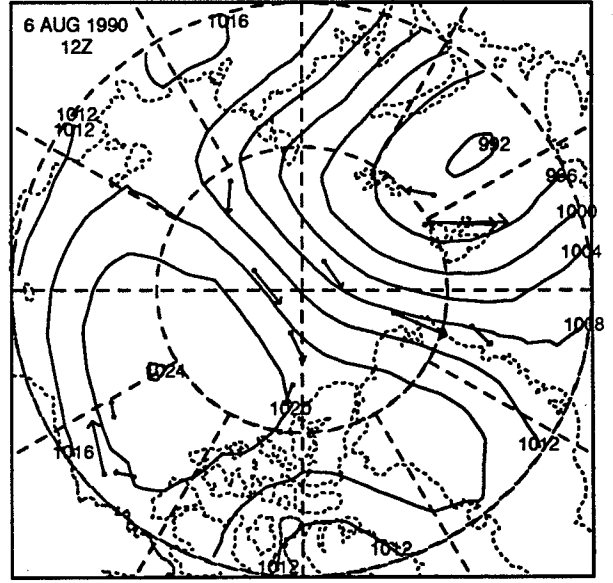
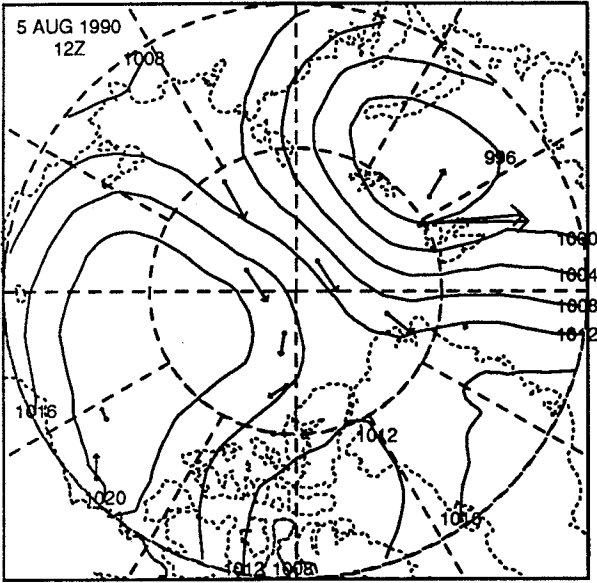
24 JUL 1990 - 29 JUL 1990



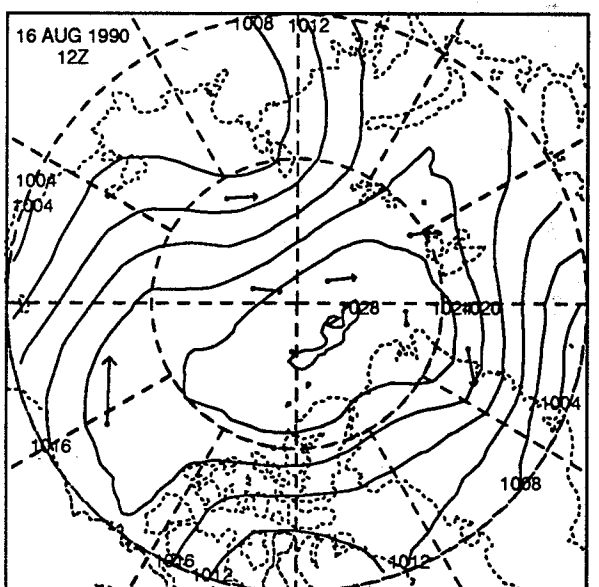
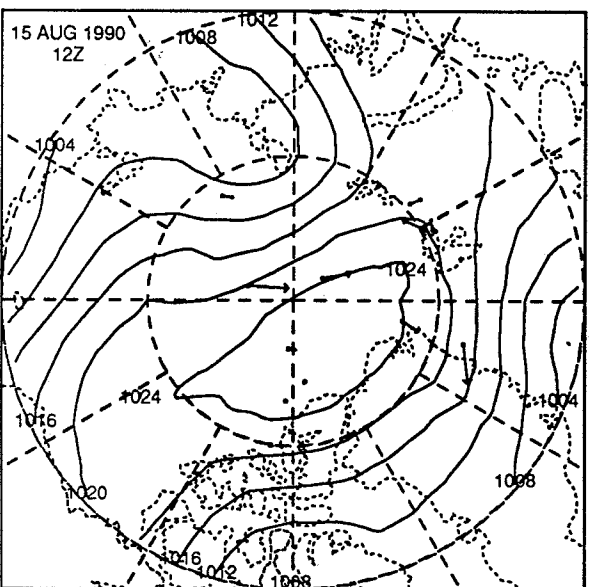
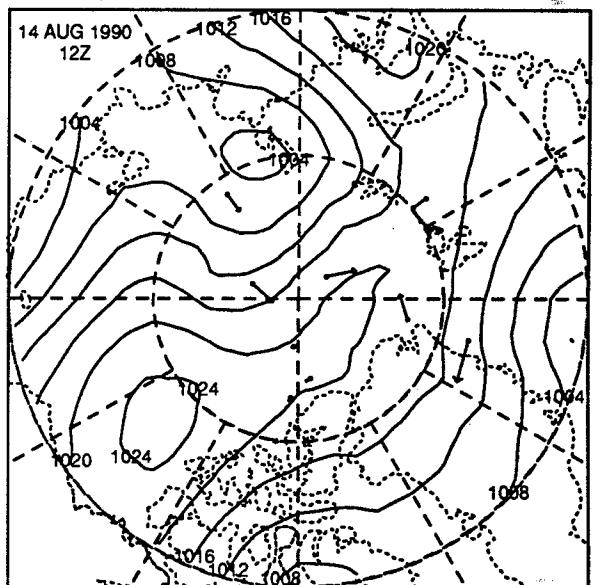
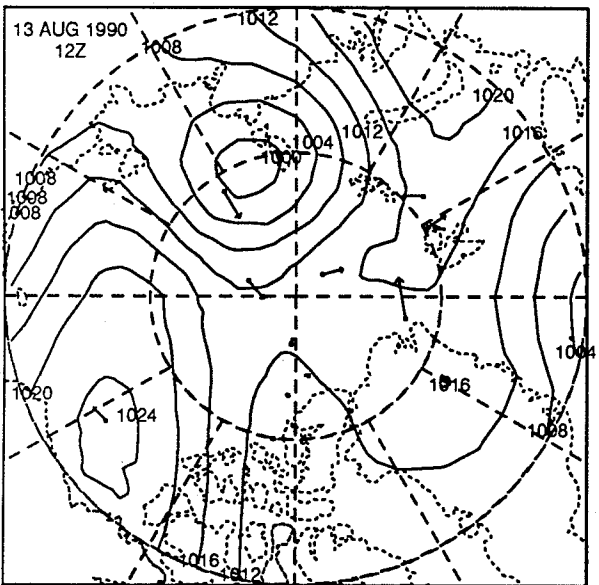
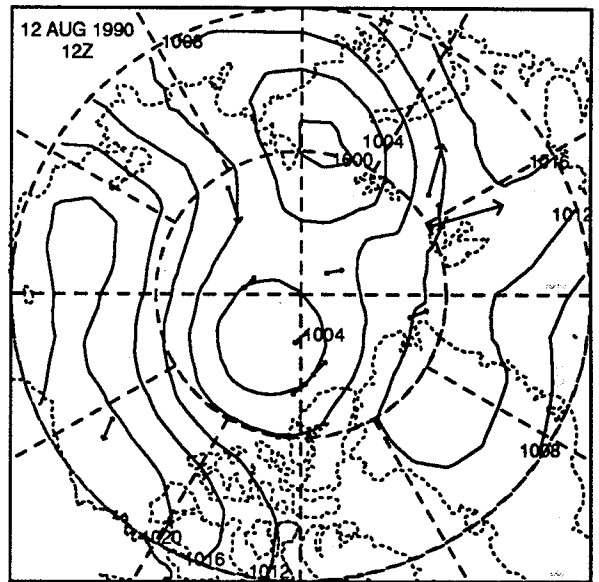
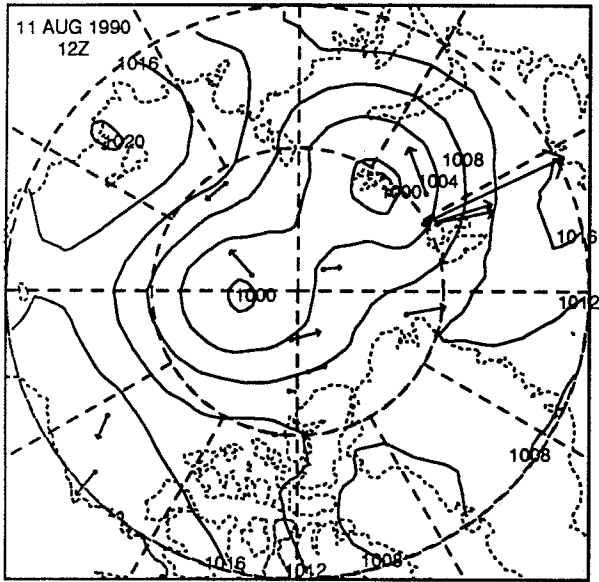
30 JUL 1990 - 4 AUG 1990



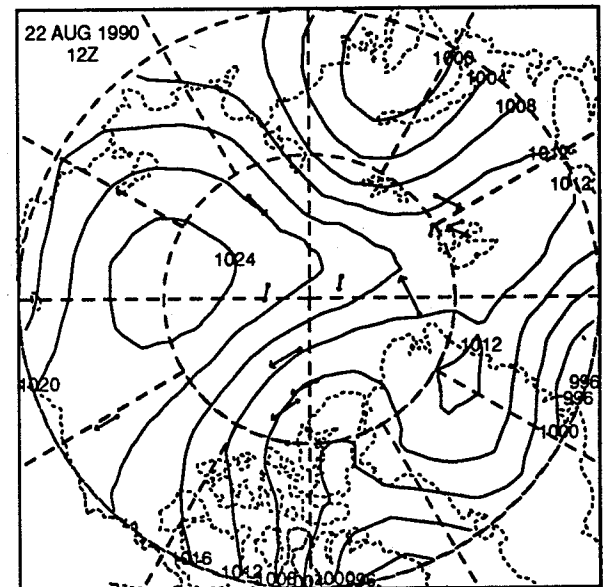
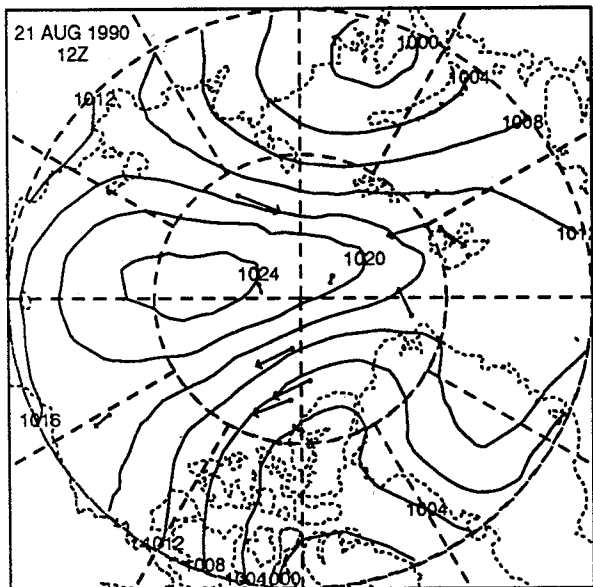
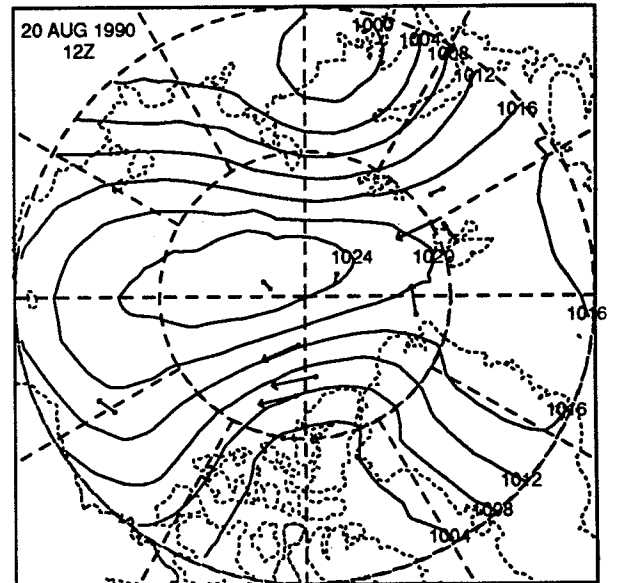
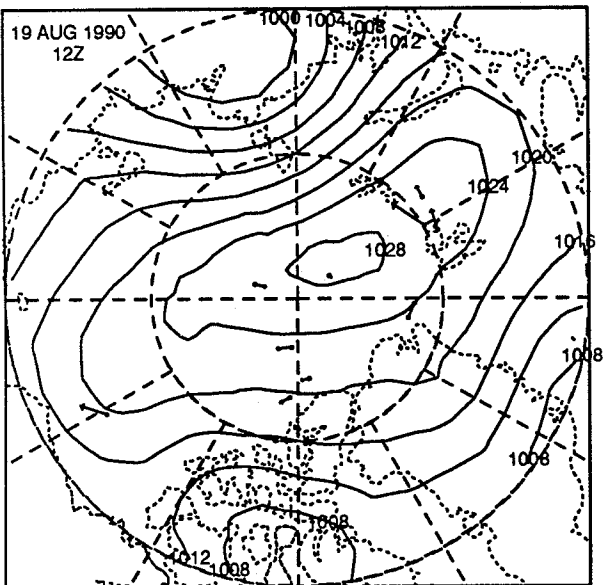
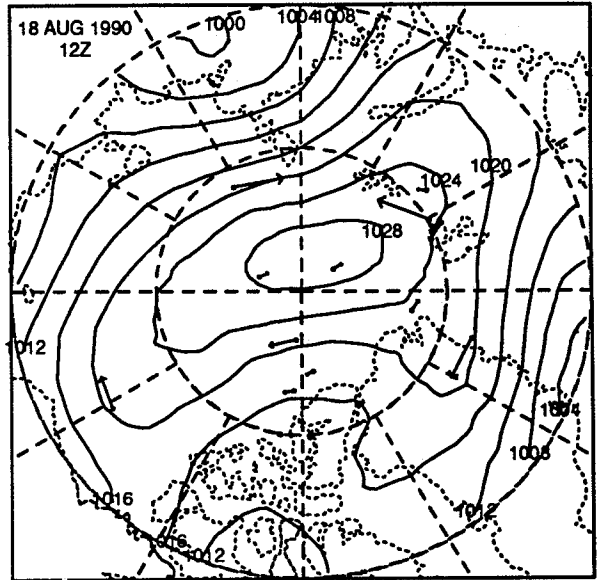
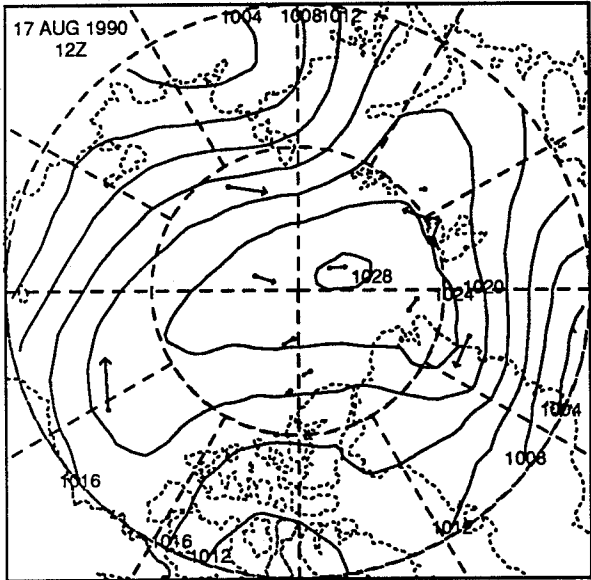
5 AUG 1990 - 10 AUG 1990



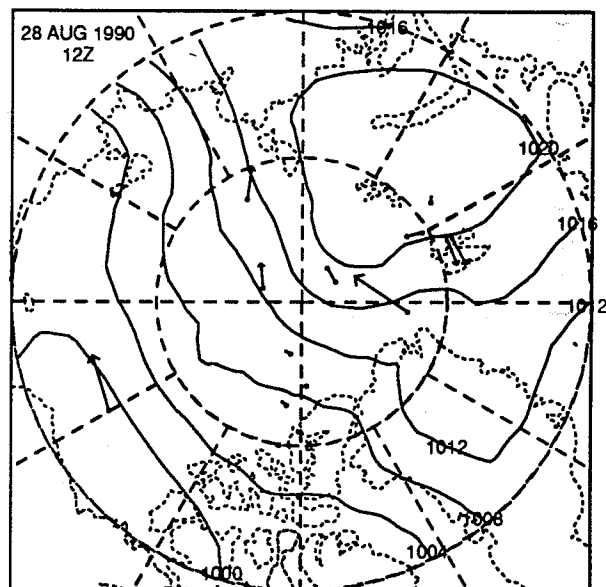
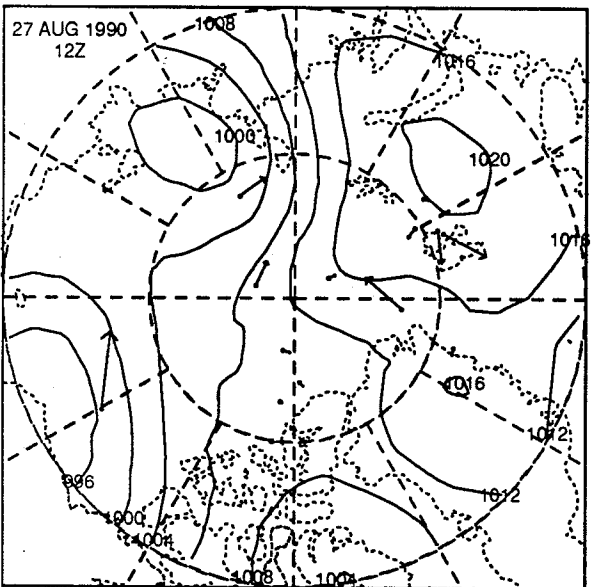
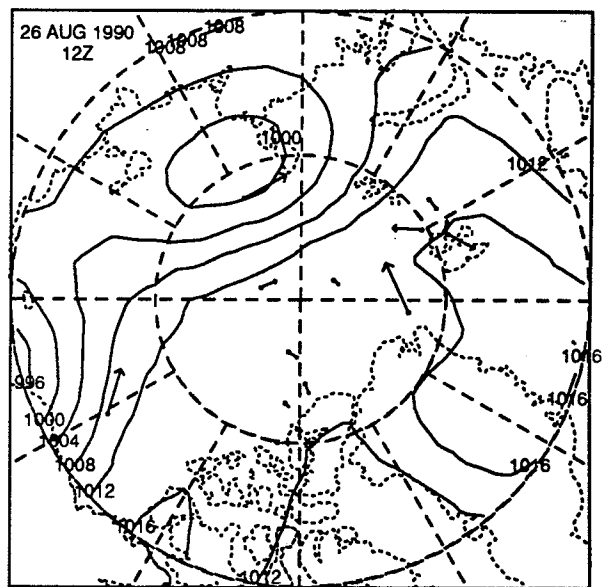
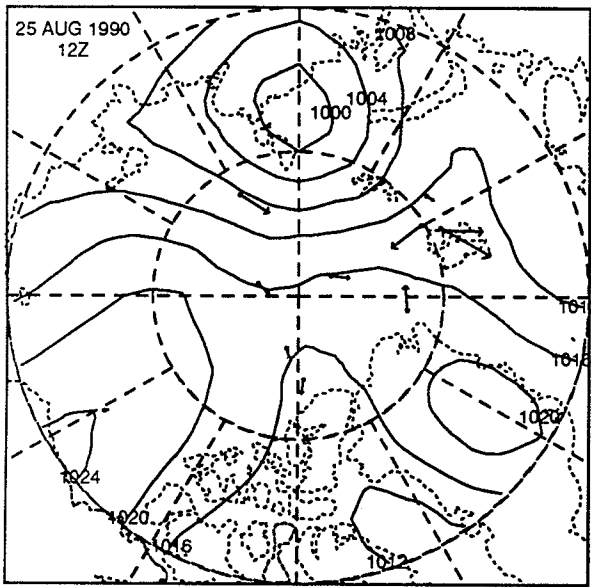
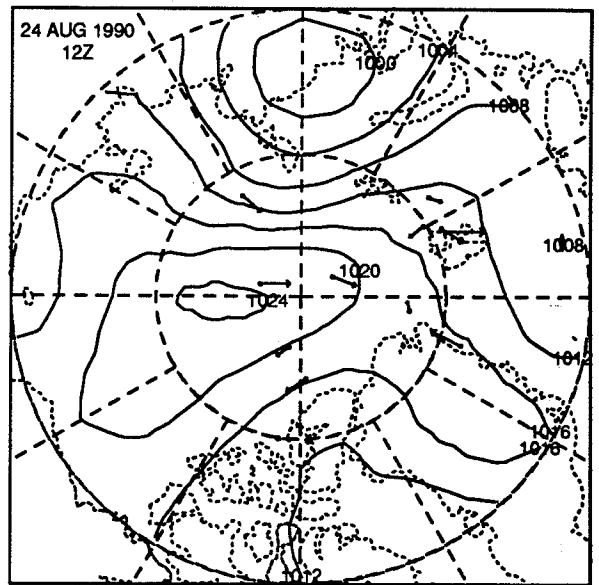
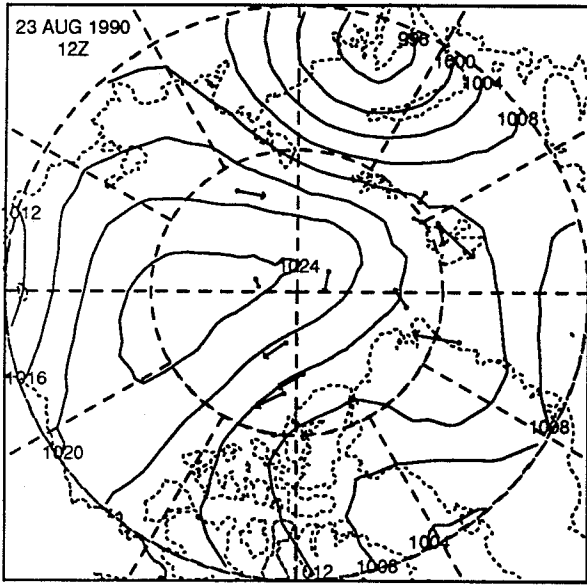
11 AUG 1990 - 16 AUG 1990

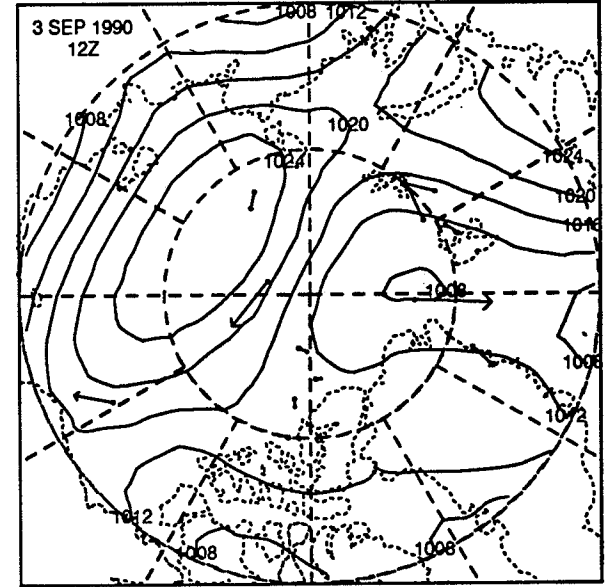
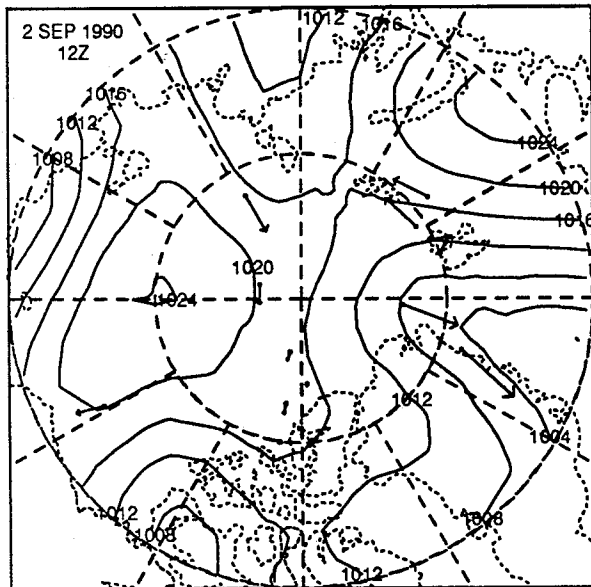
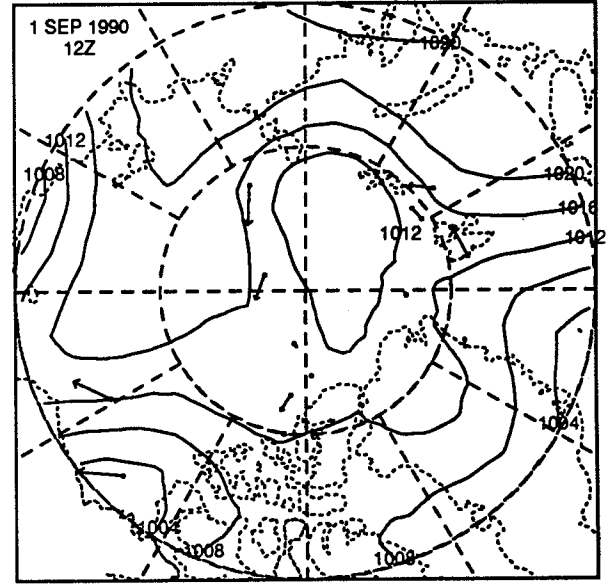
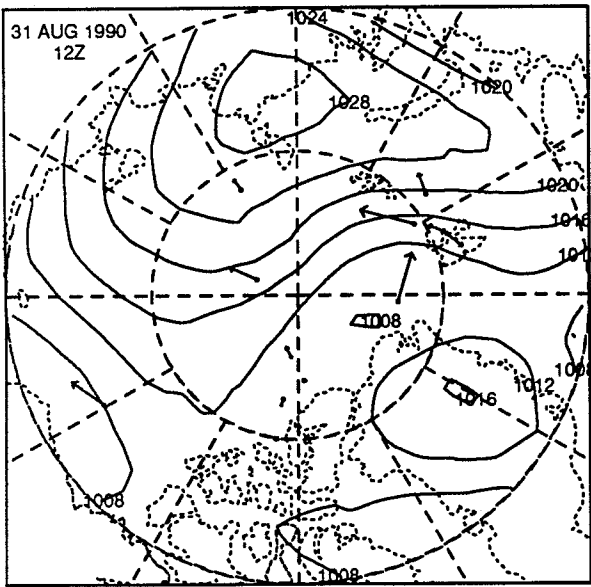
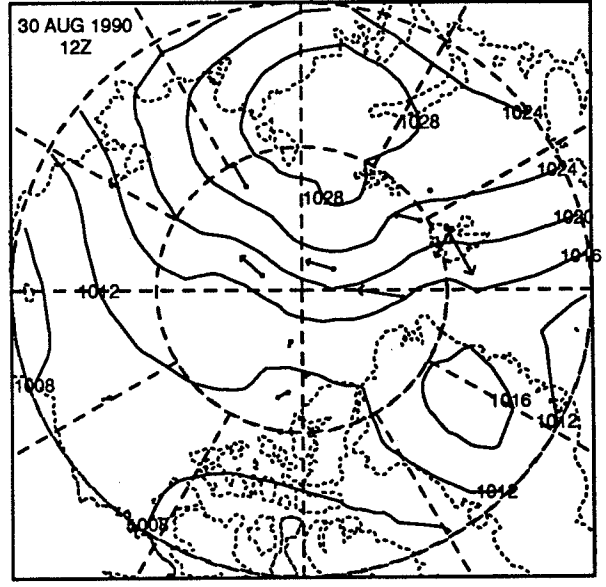
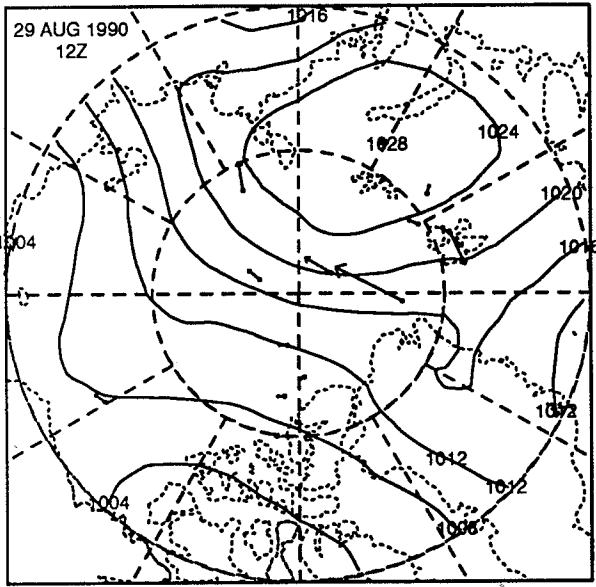


17 AUG 1990 - 22 AUG 1990

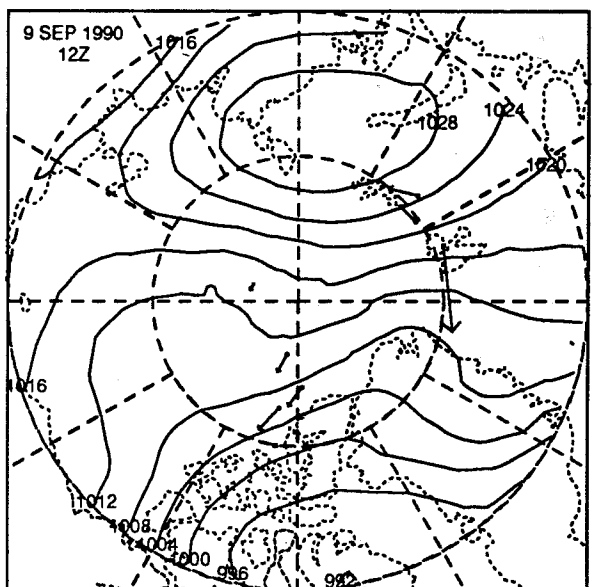
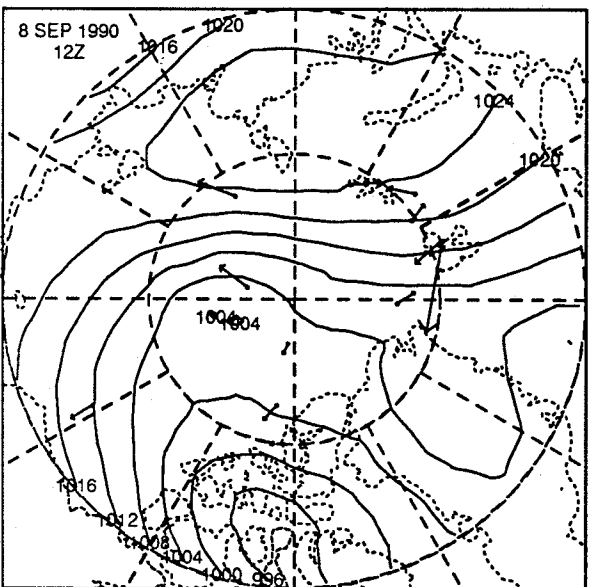
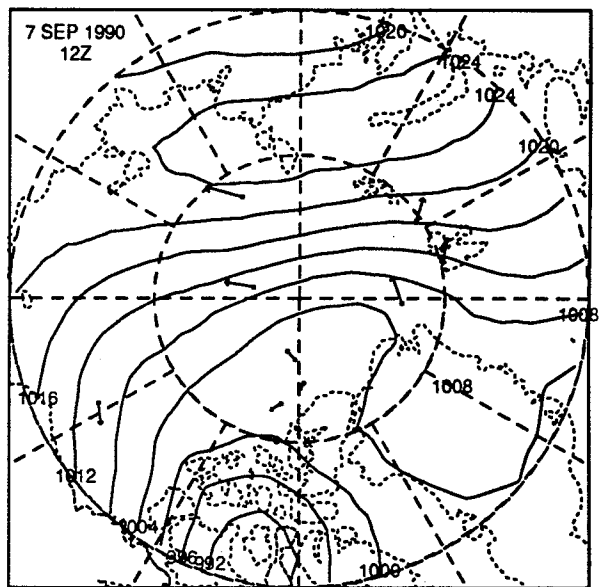
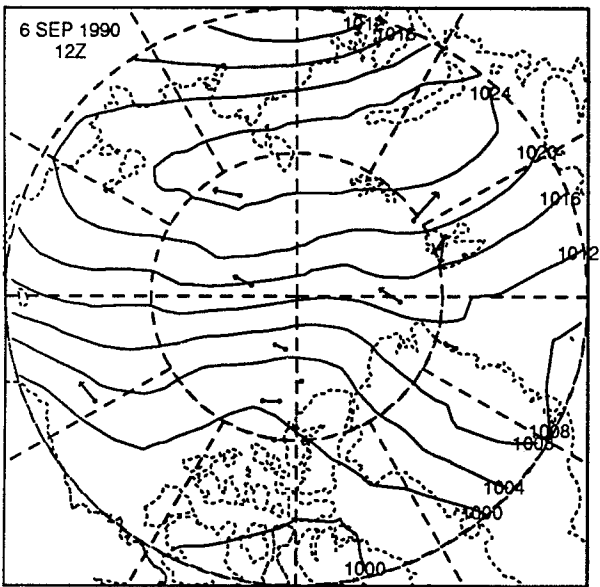
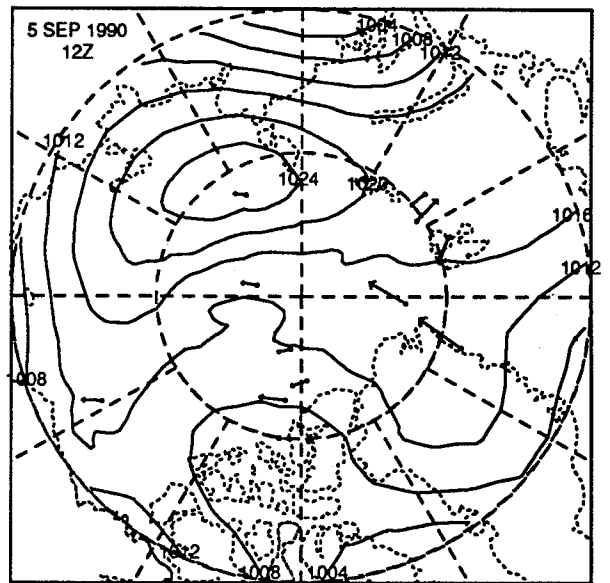
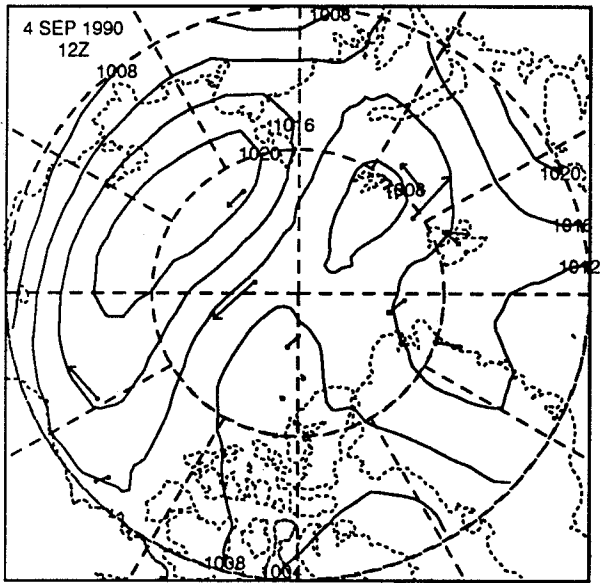


23 AUG 1990 - 28 AUG 1990

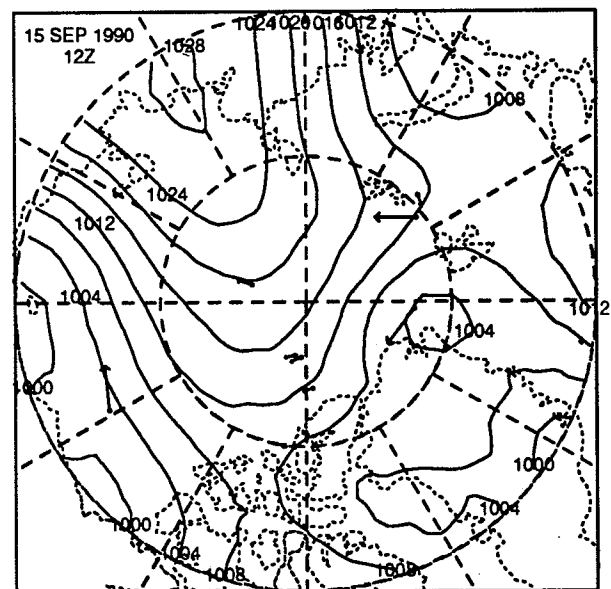
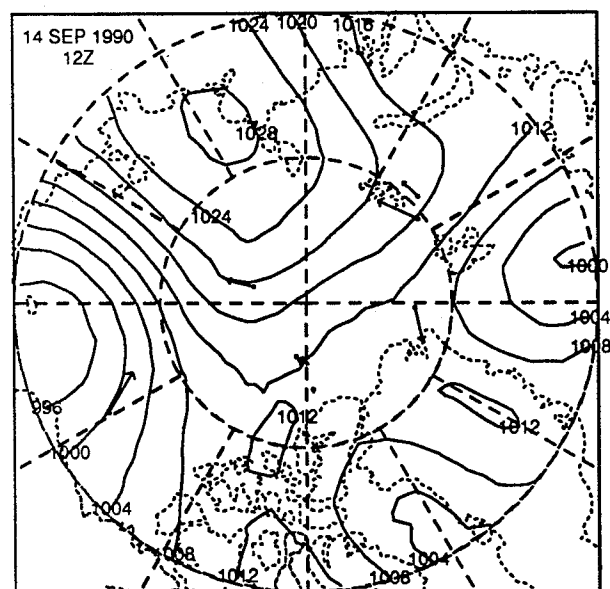
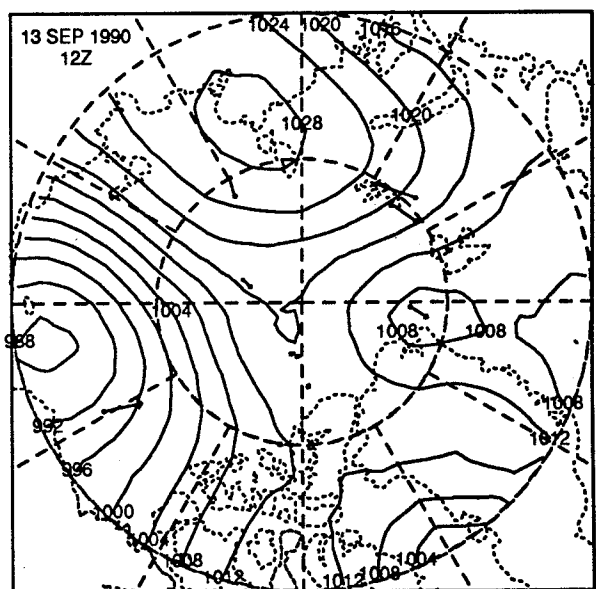
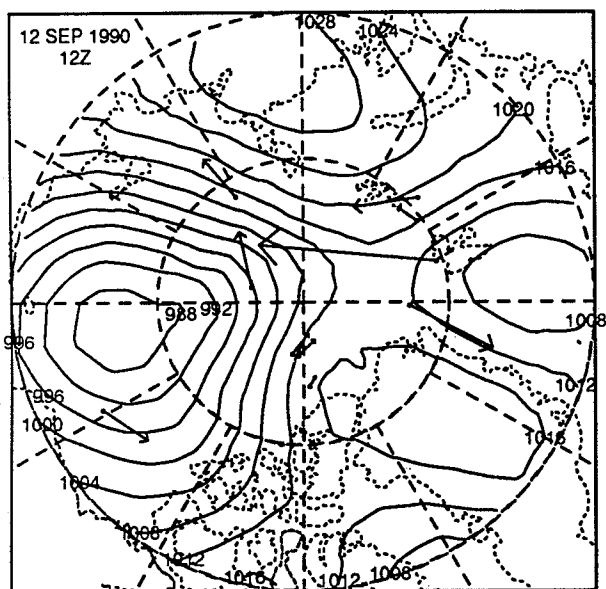
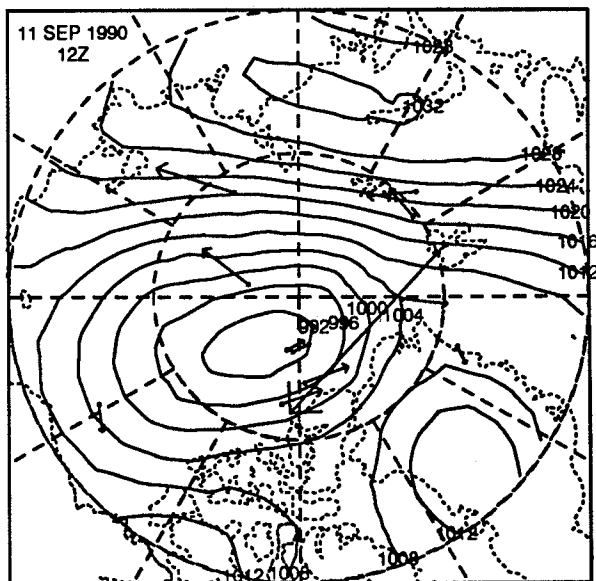
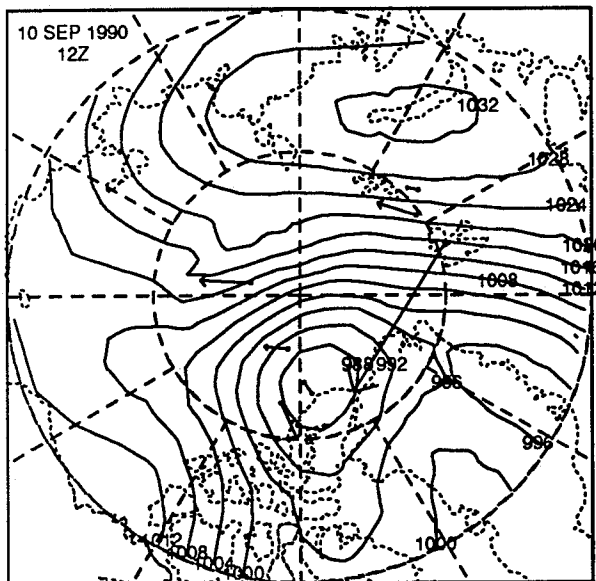


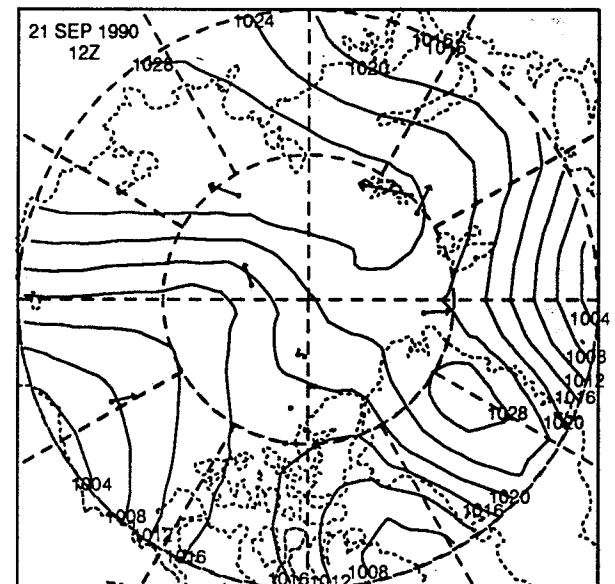
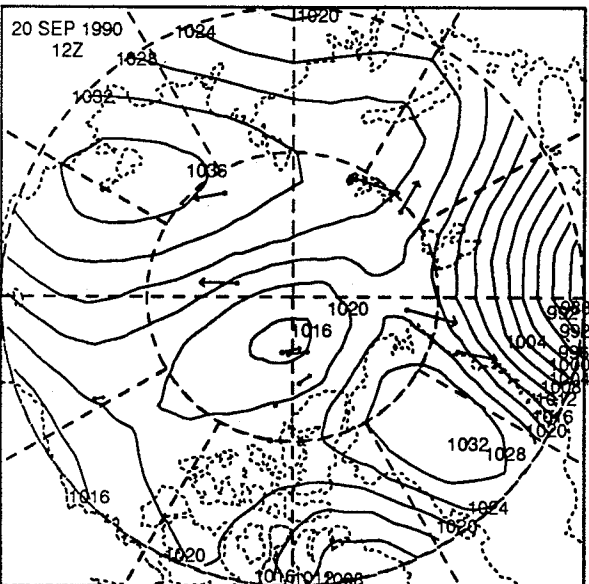
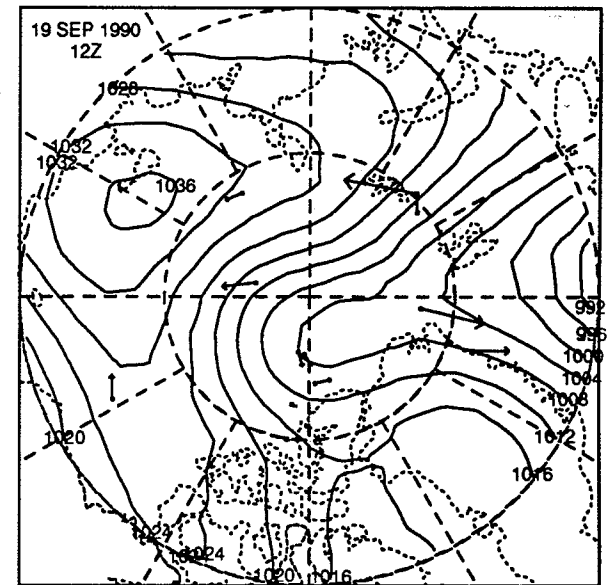
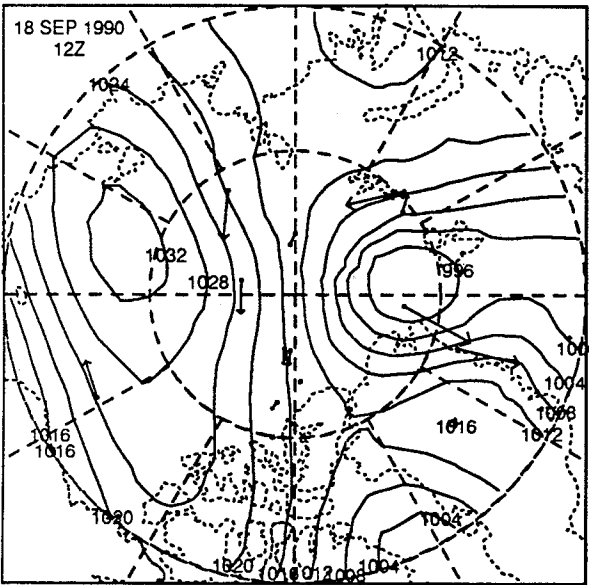
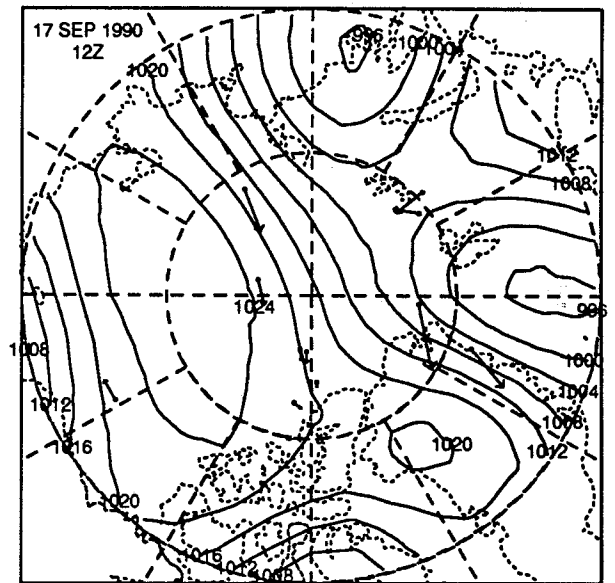
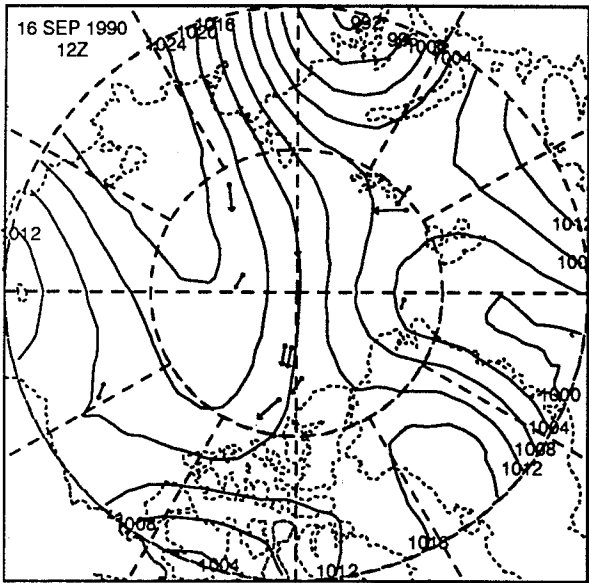


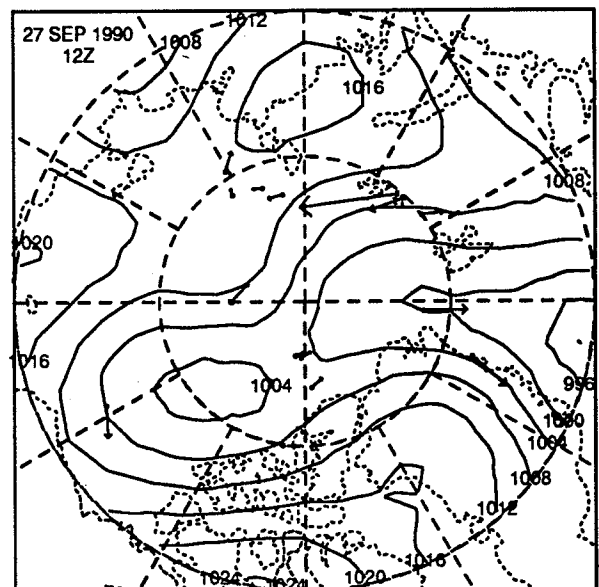
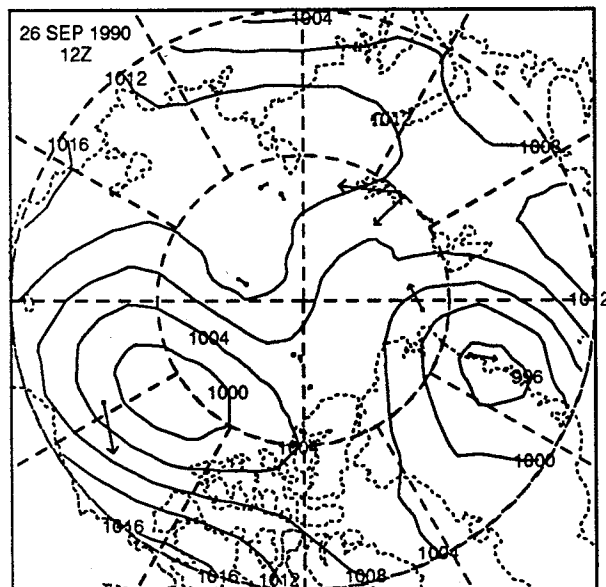
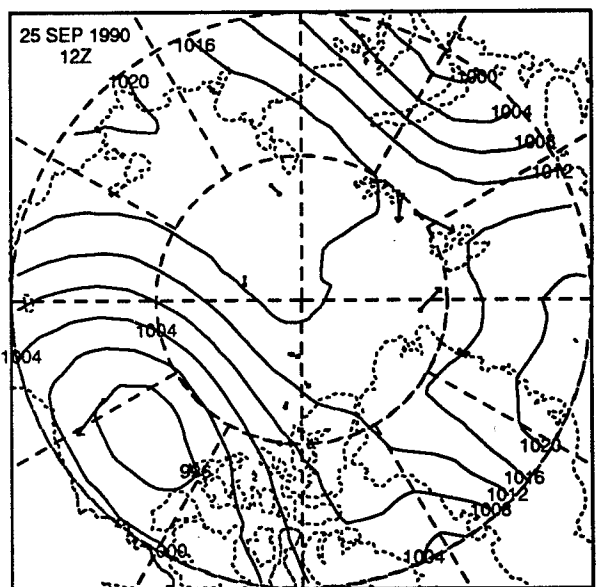
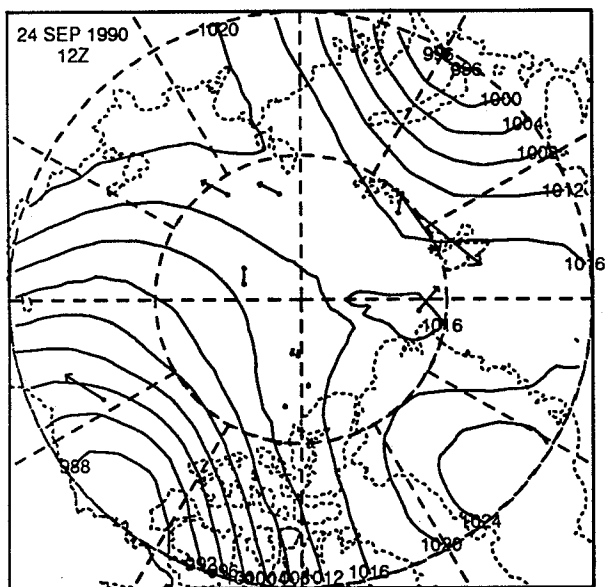
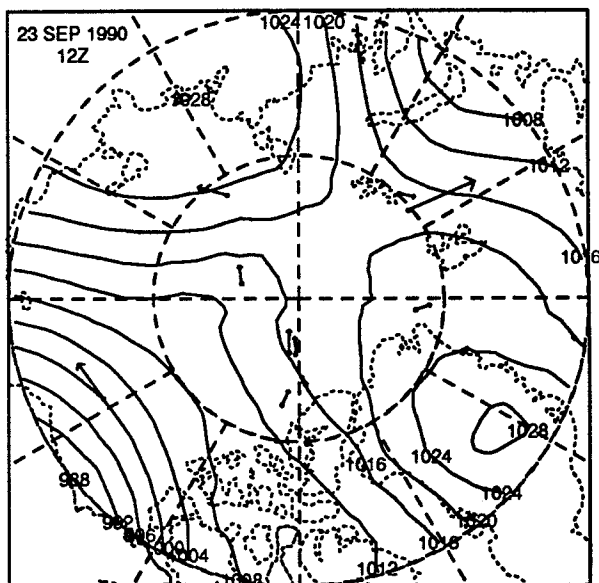
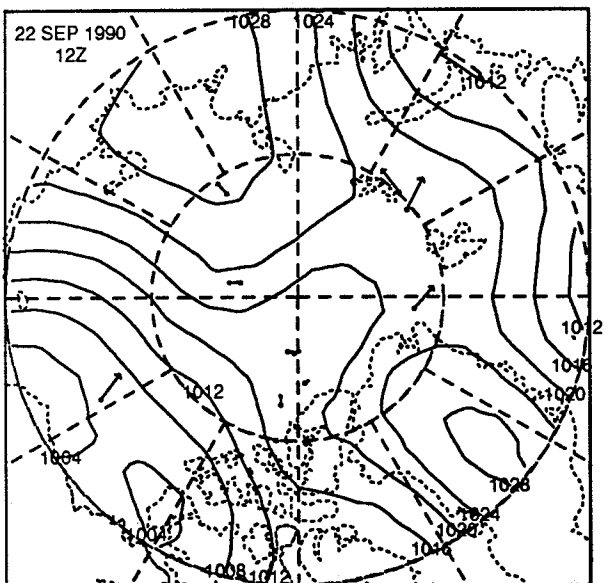
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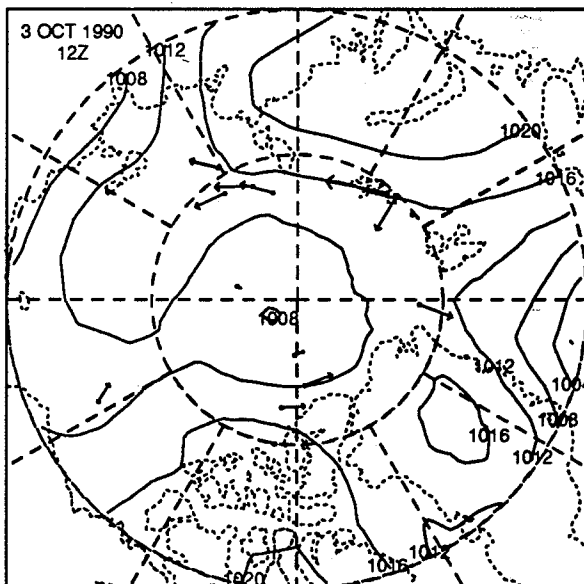
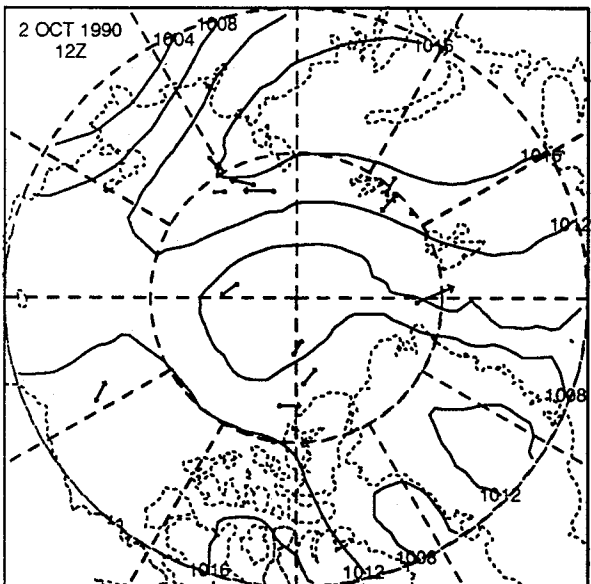
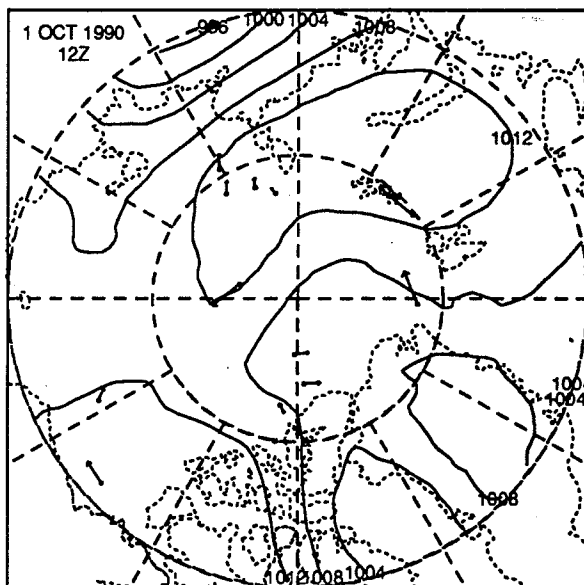
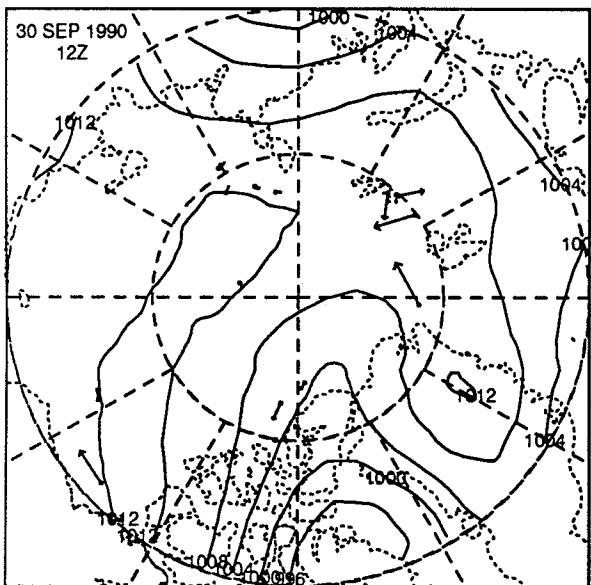
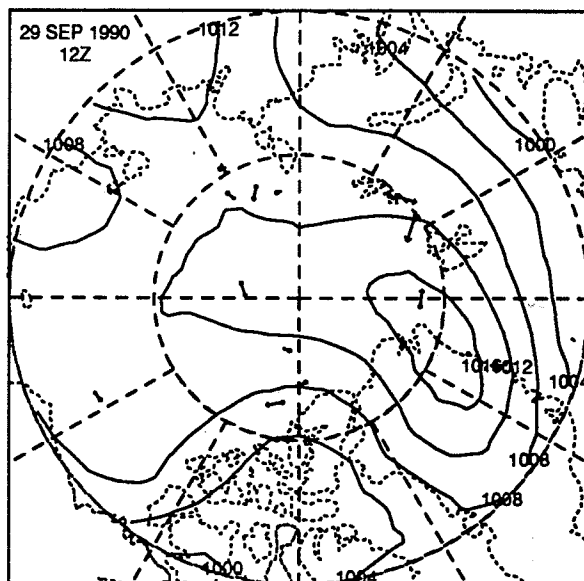
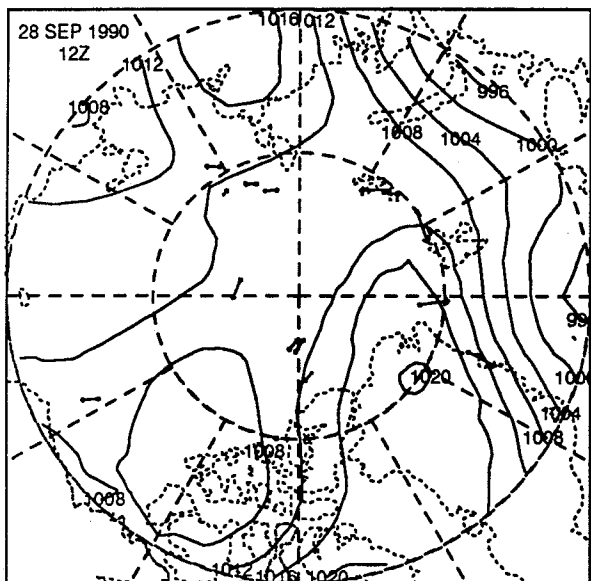


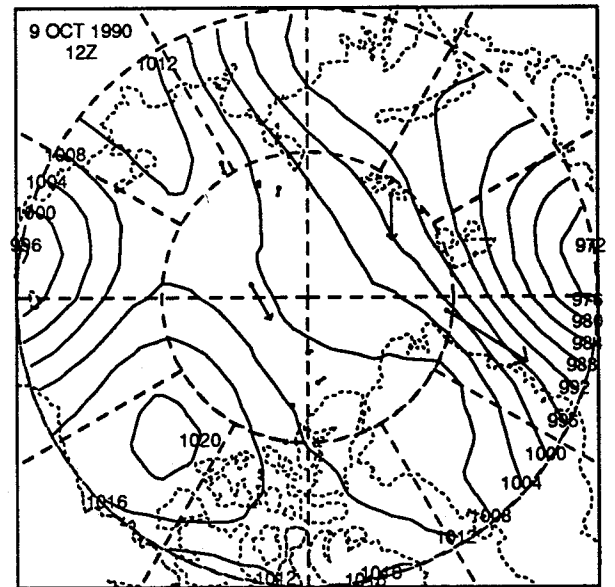
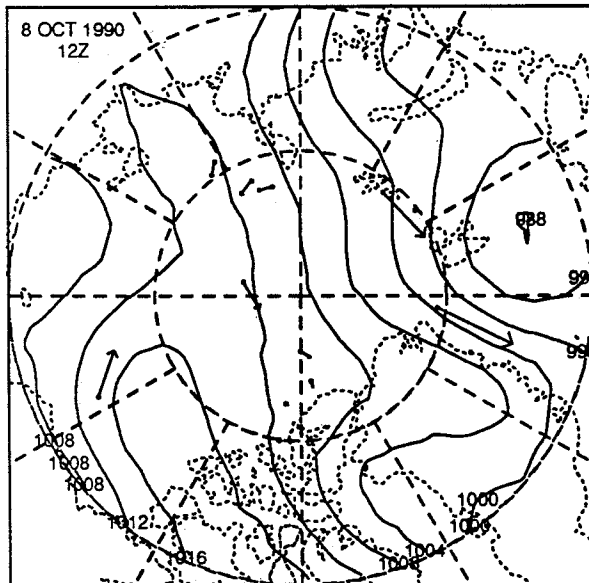
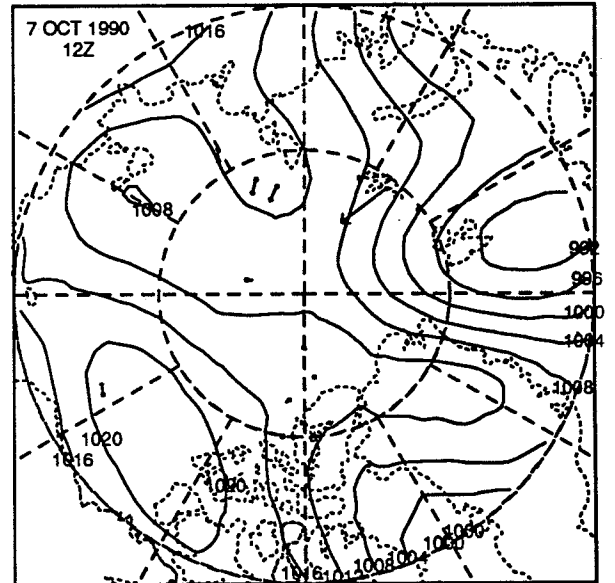
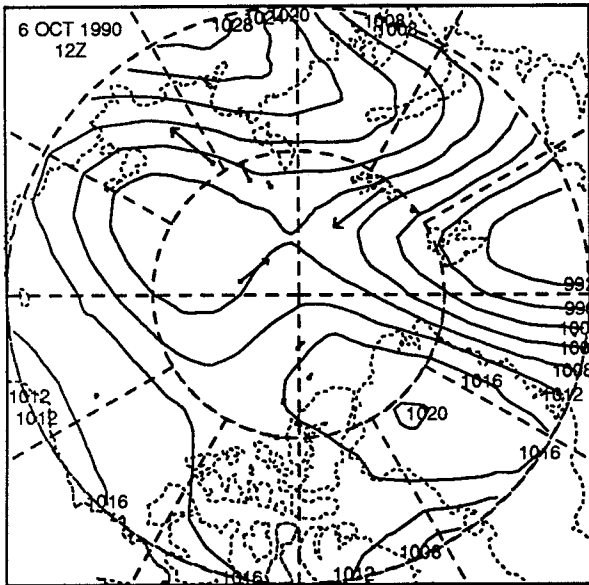
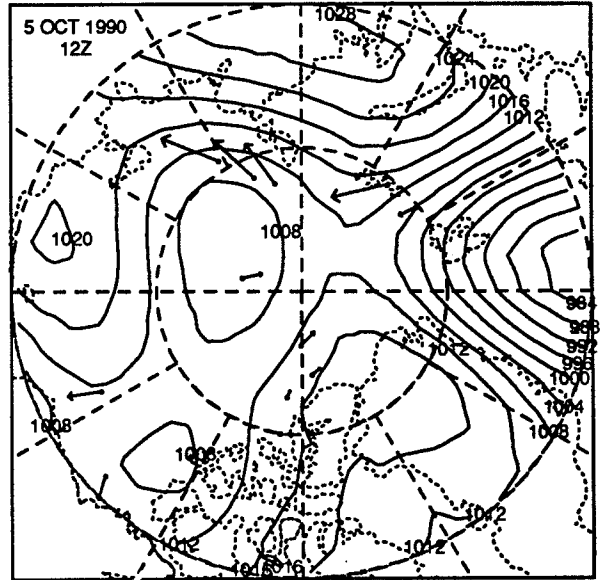
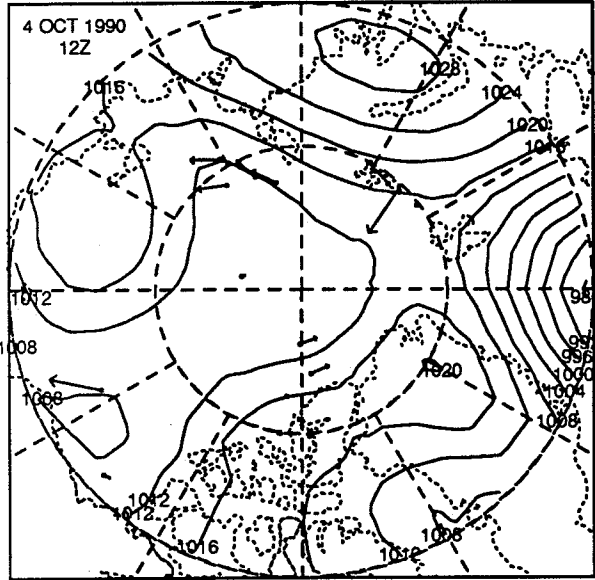
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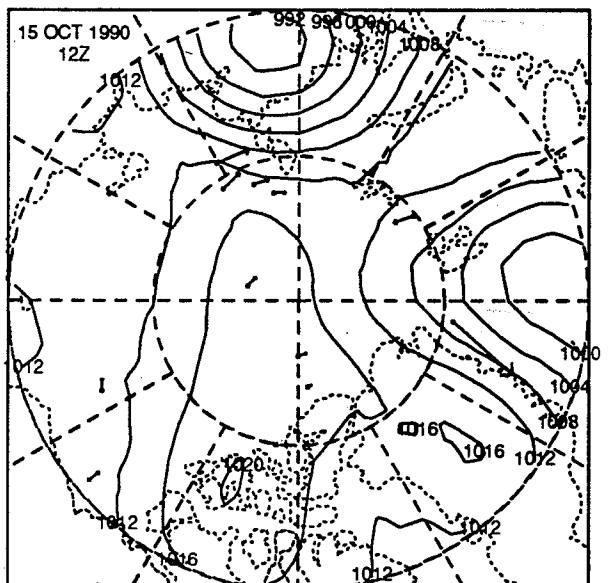
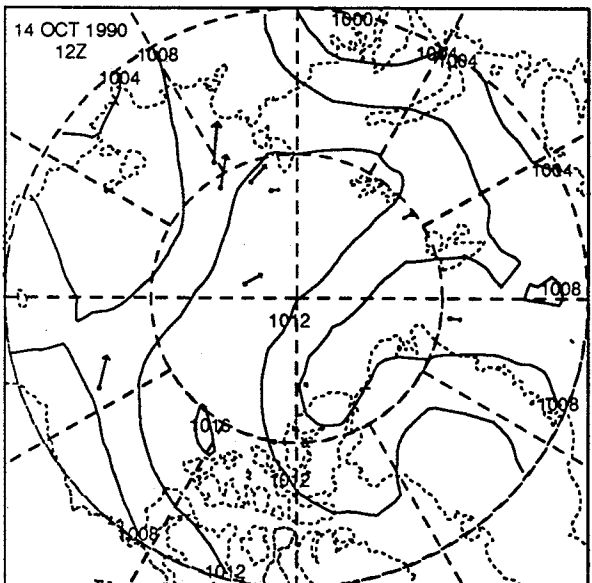
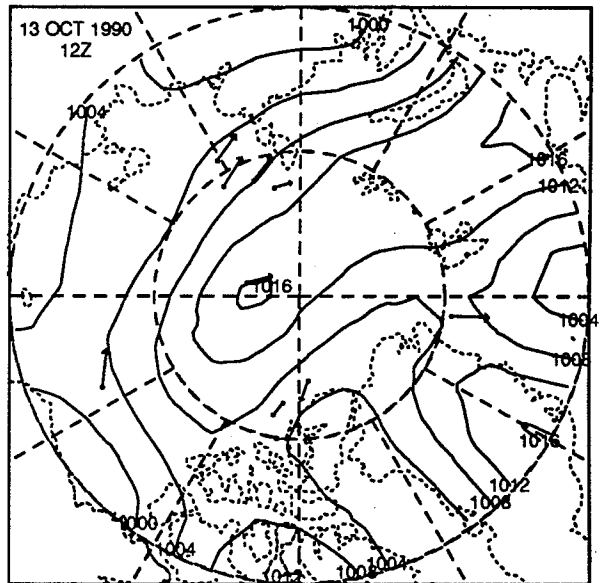
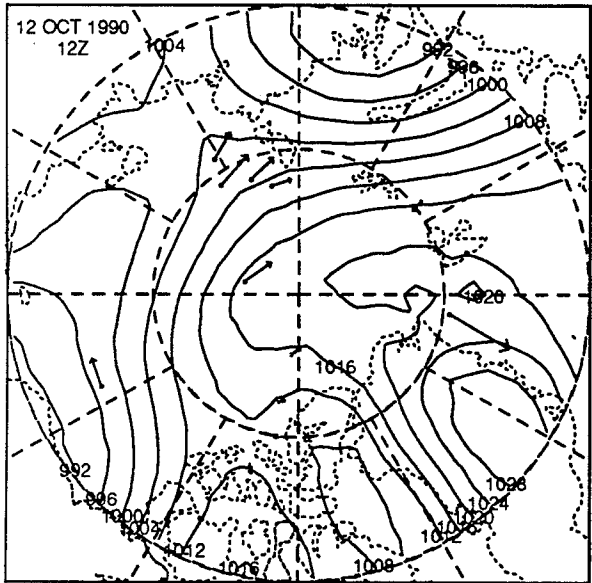
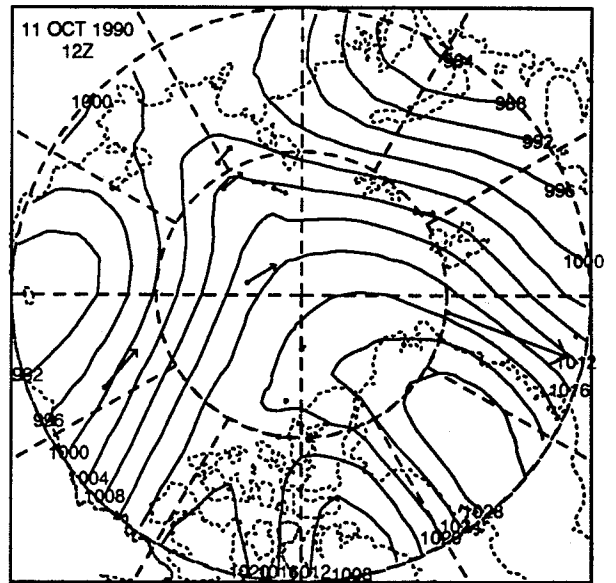
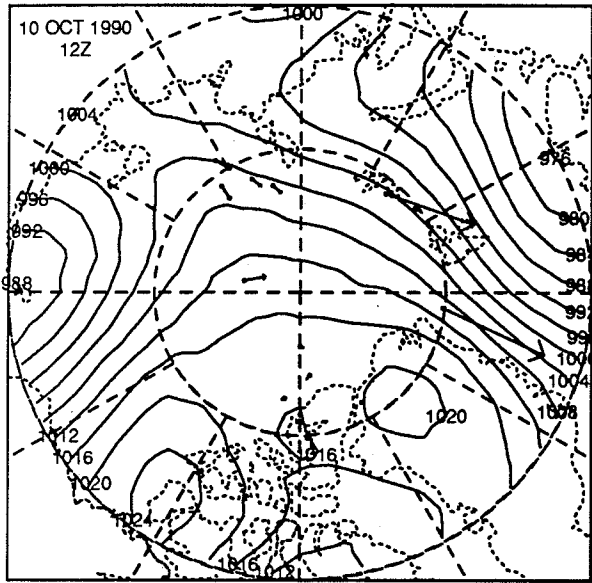


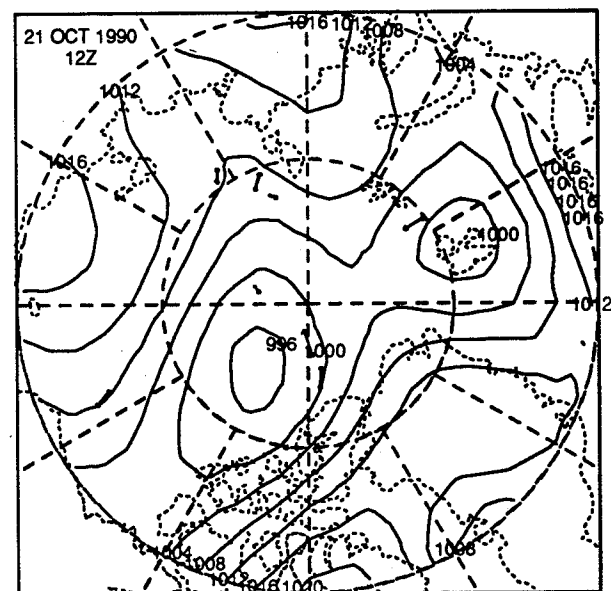
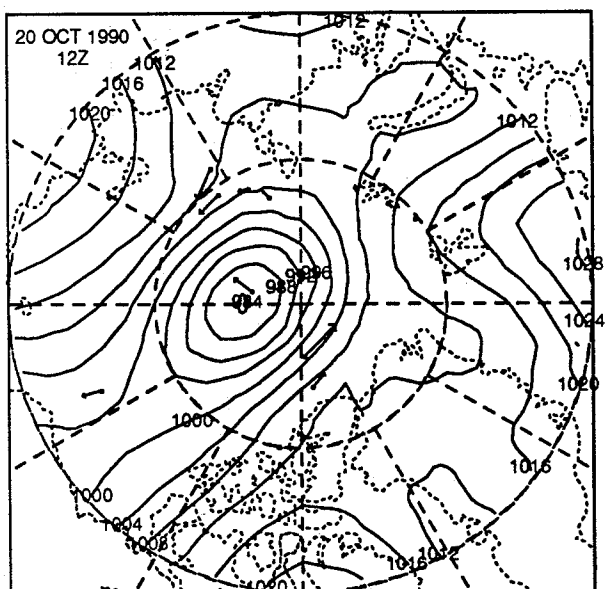
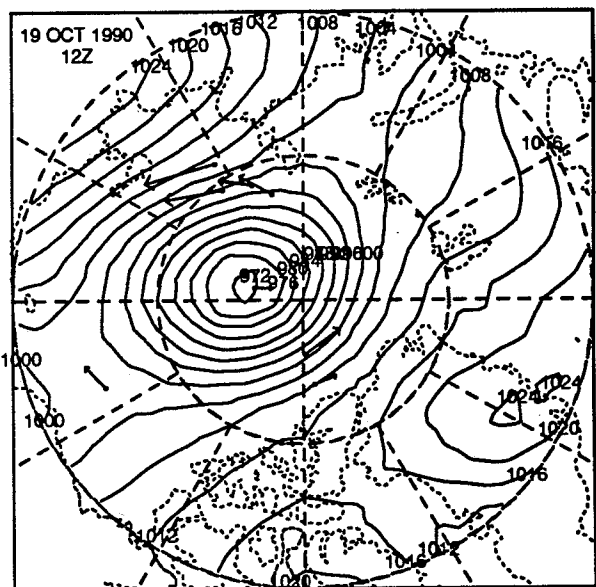
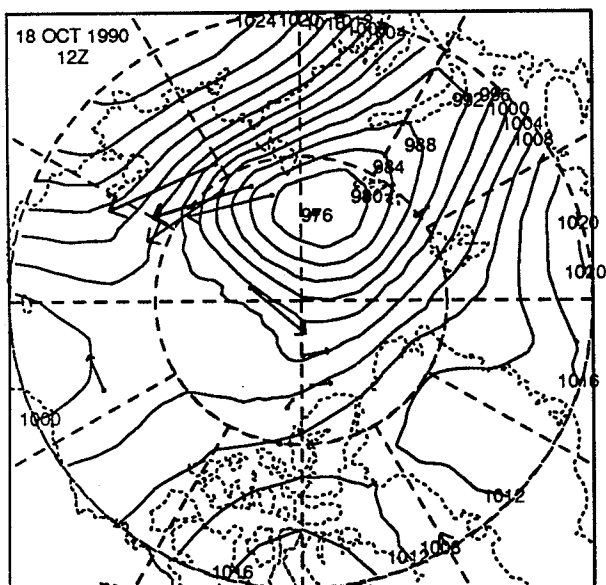
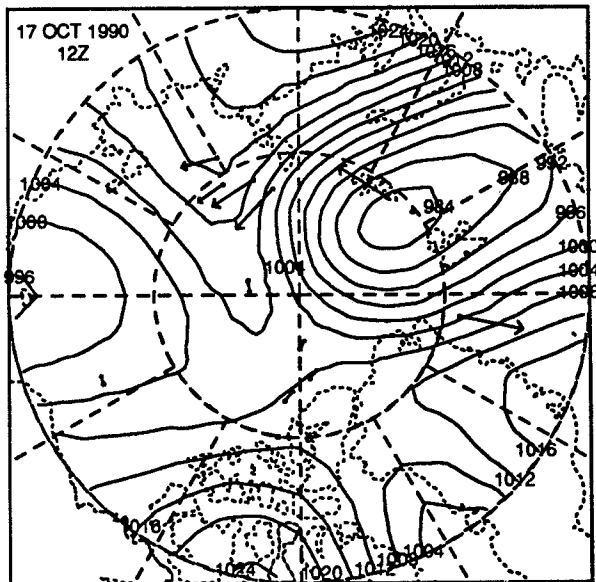
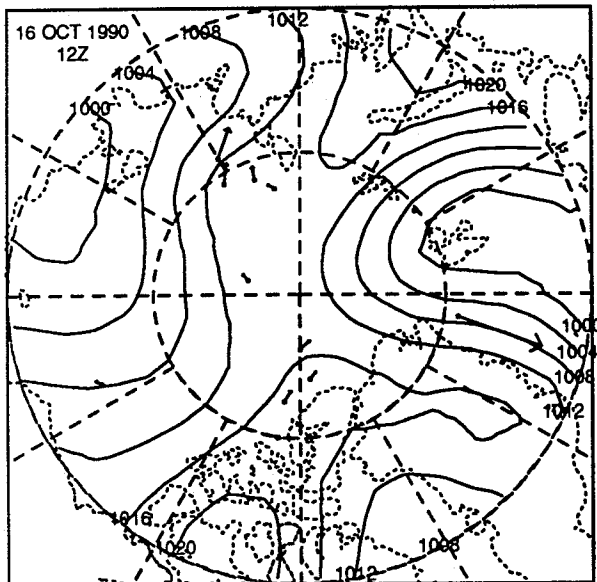


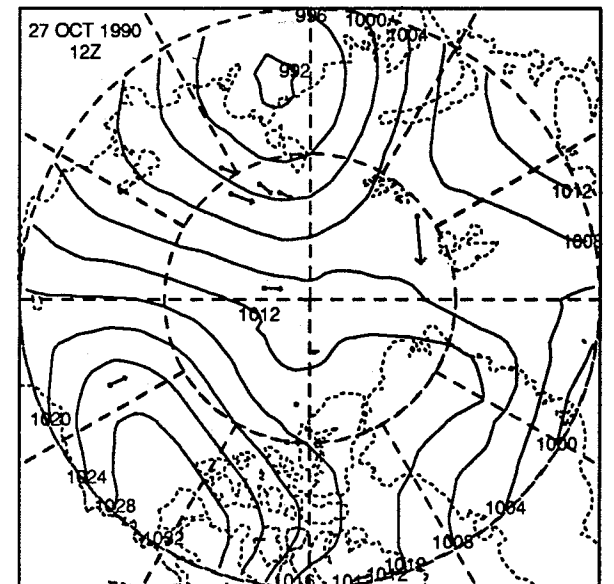
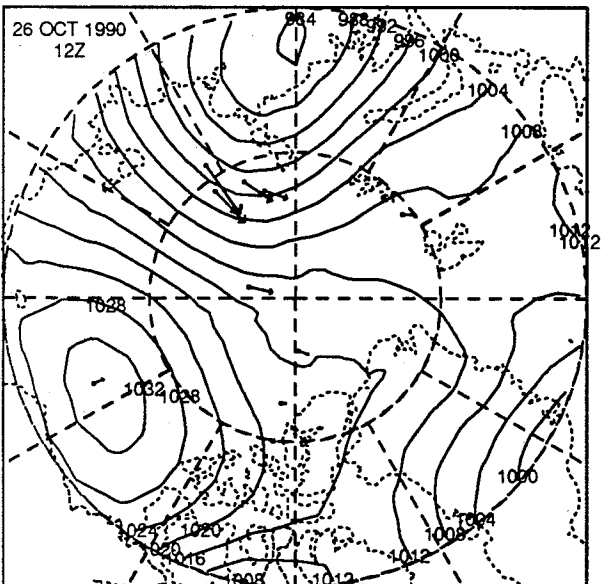
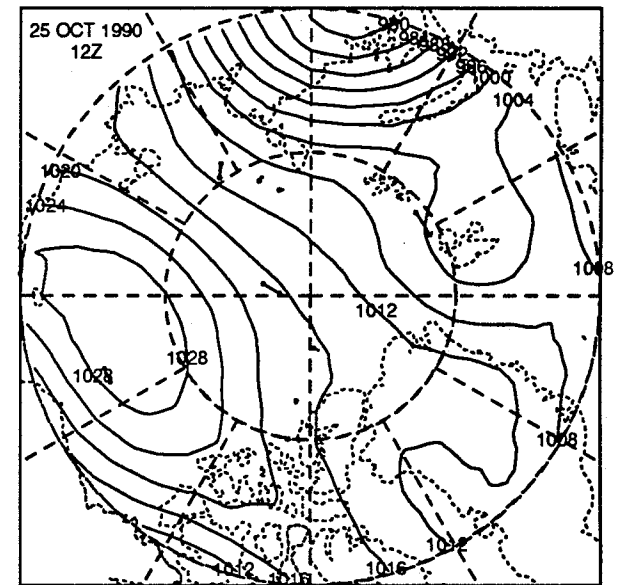
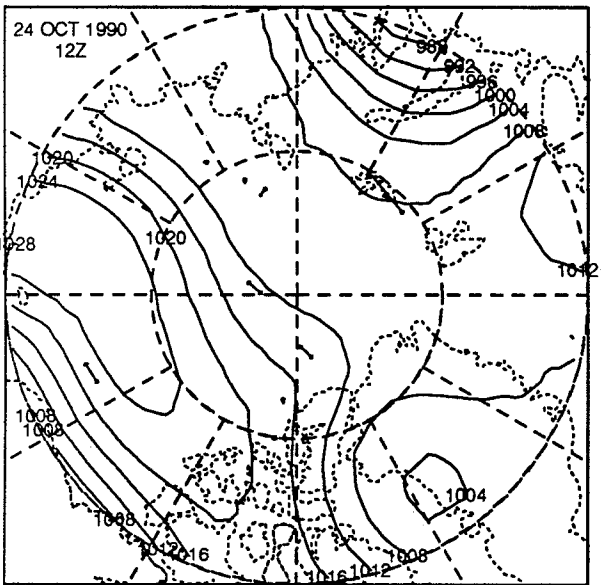
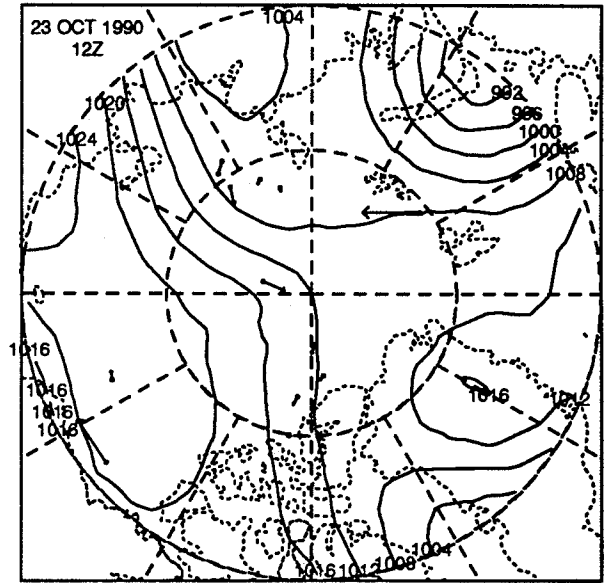
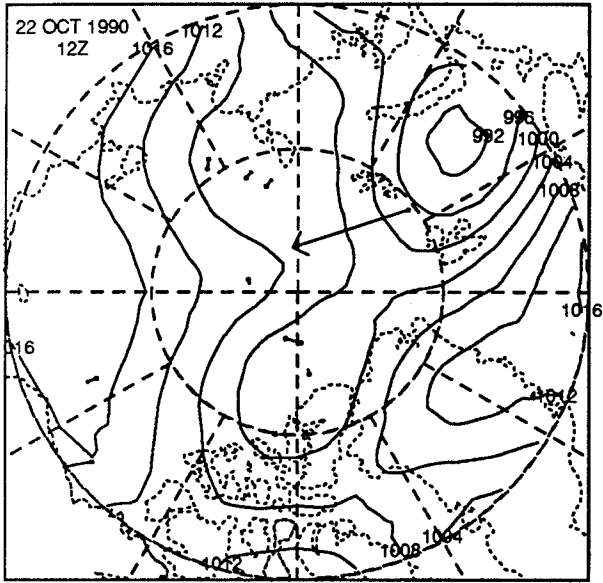


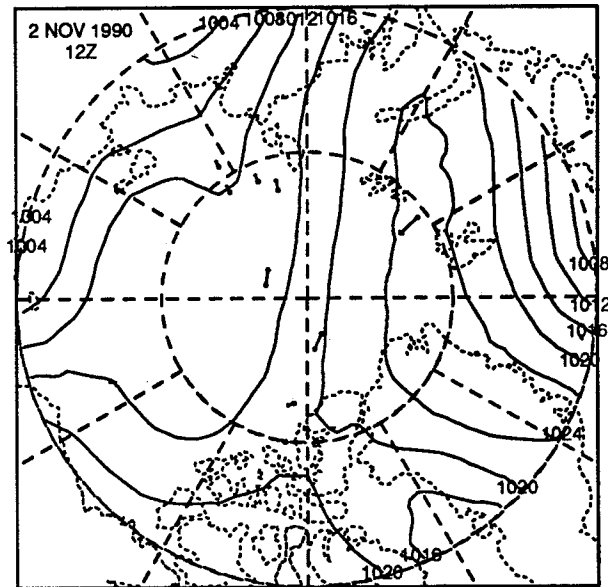
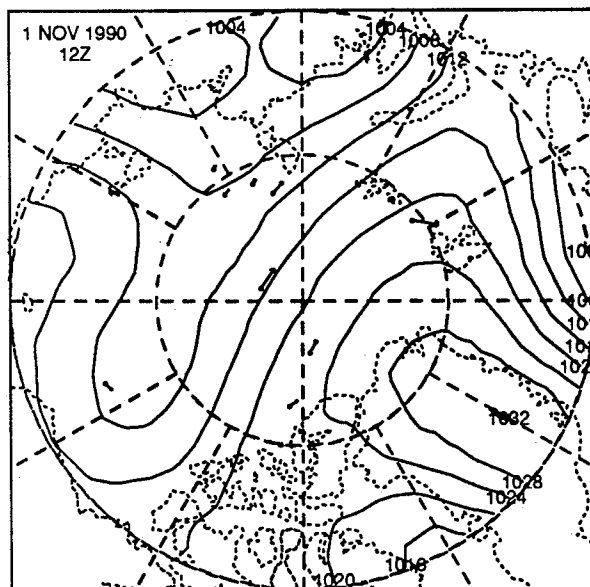
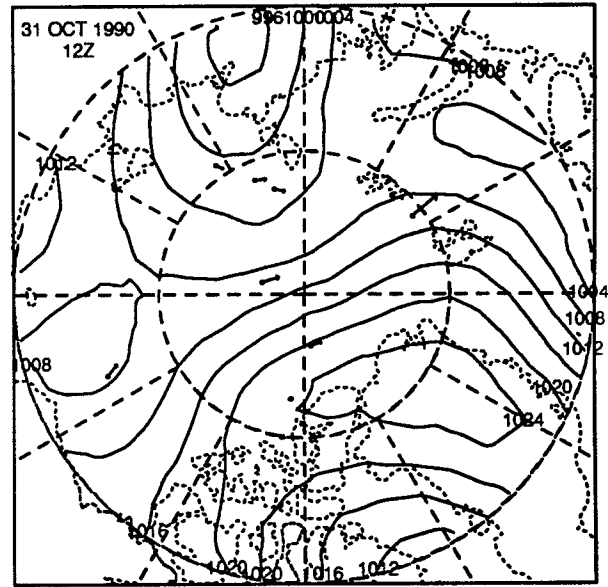
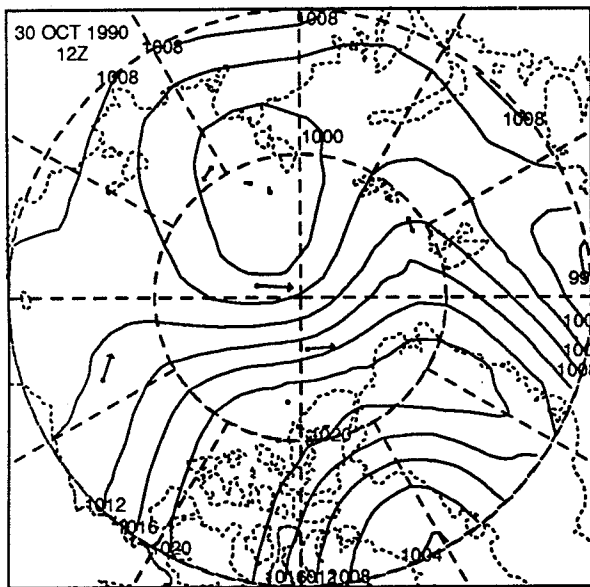
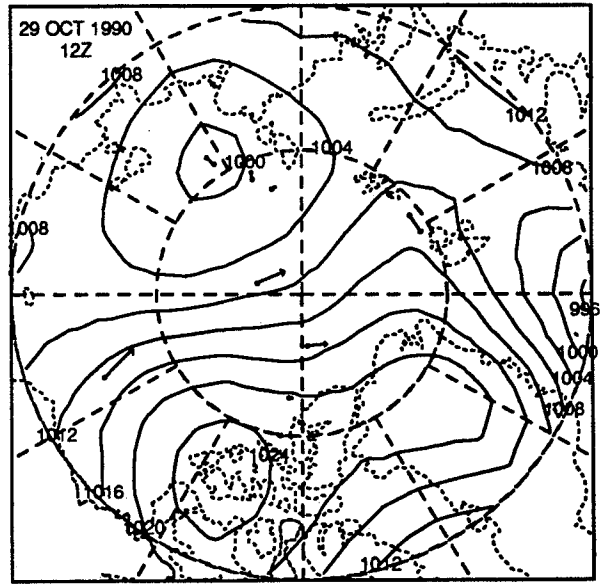
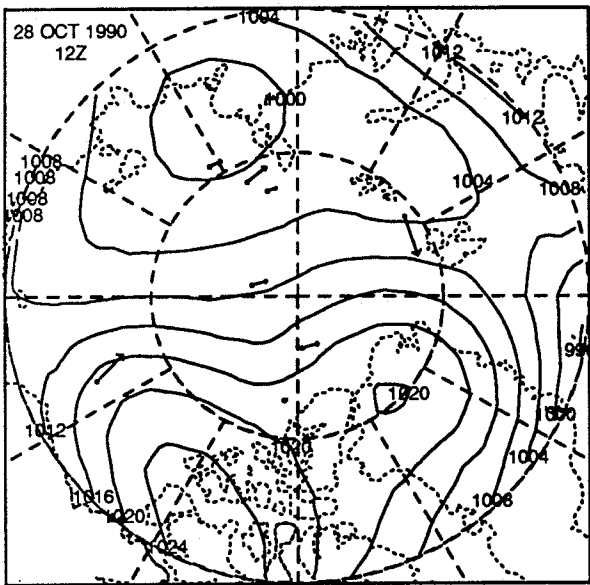


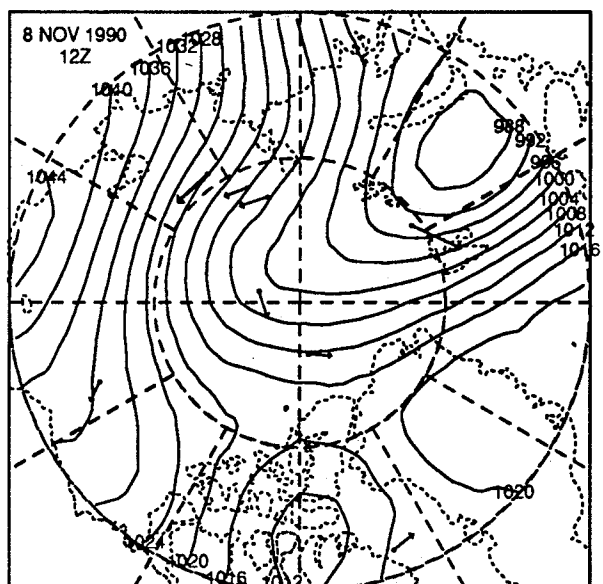
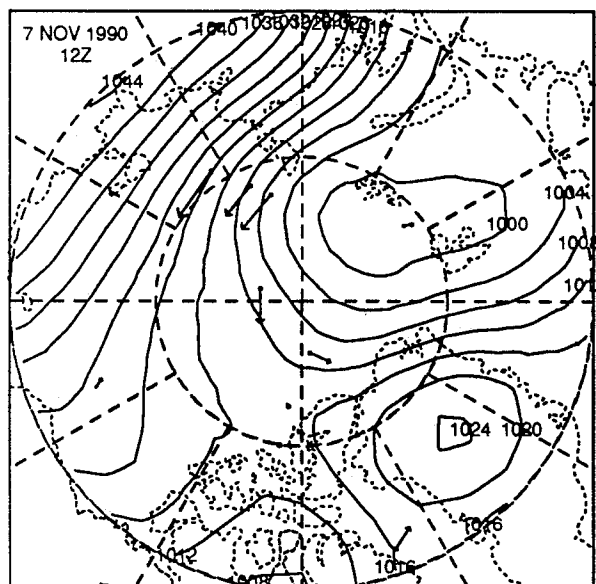
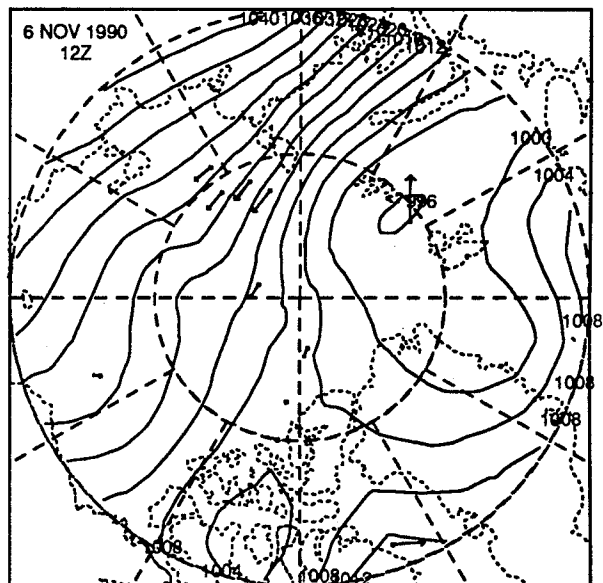
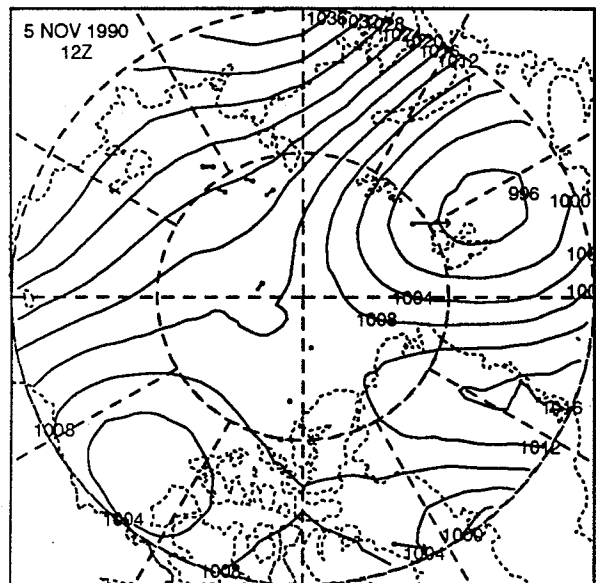
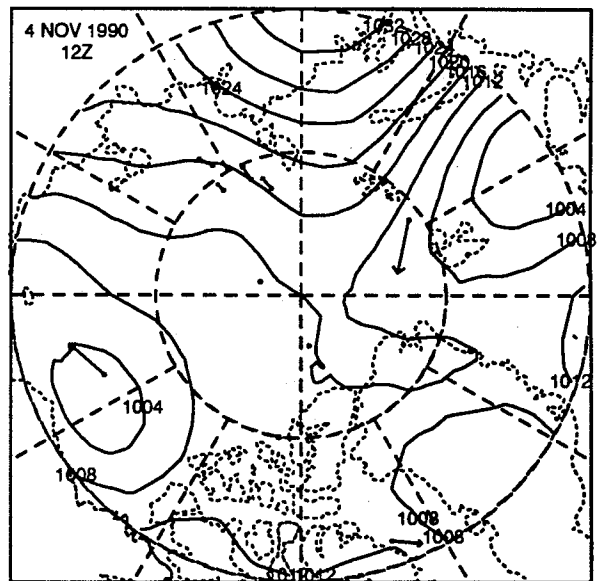
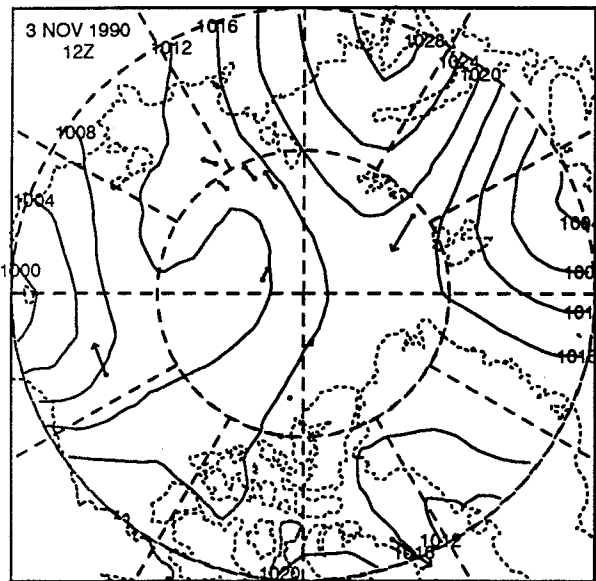
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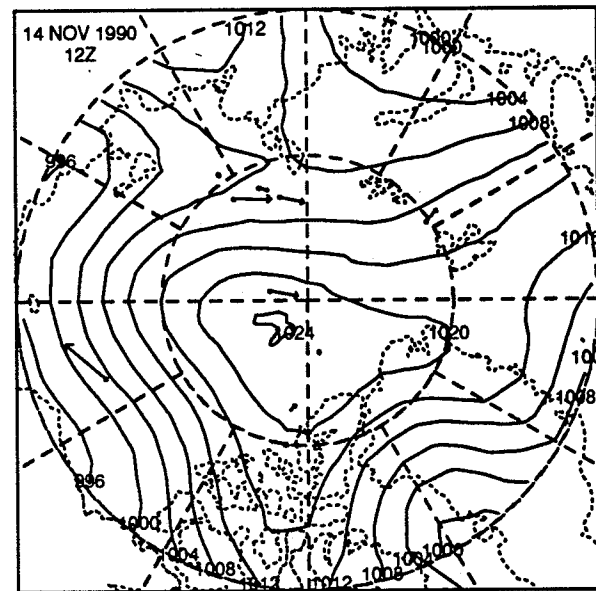
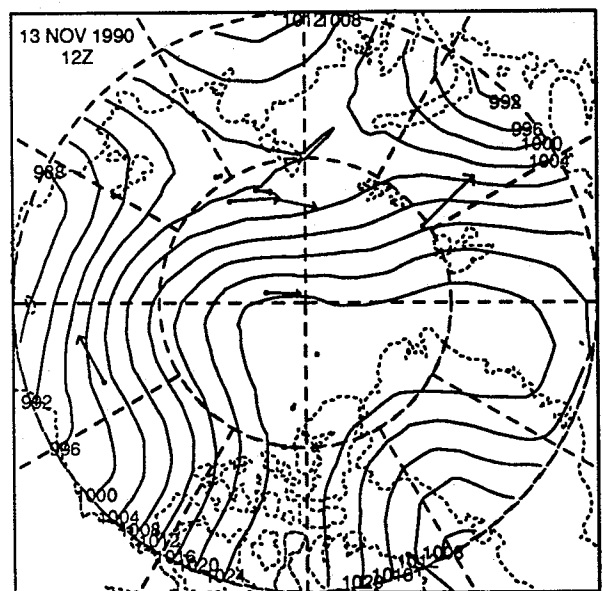
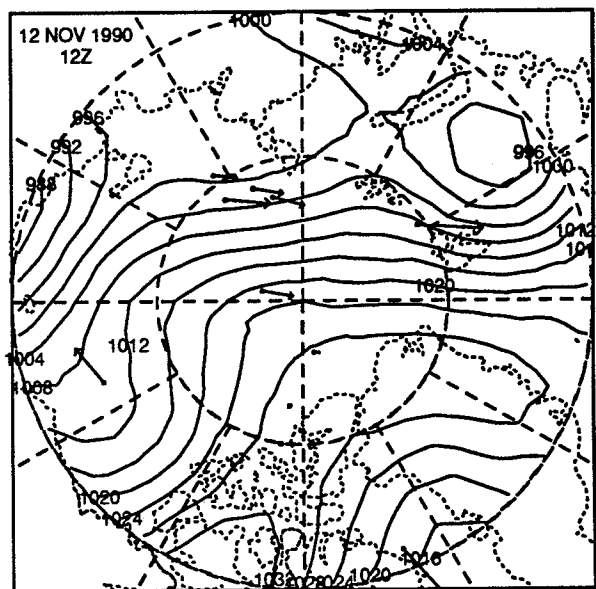
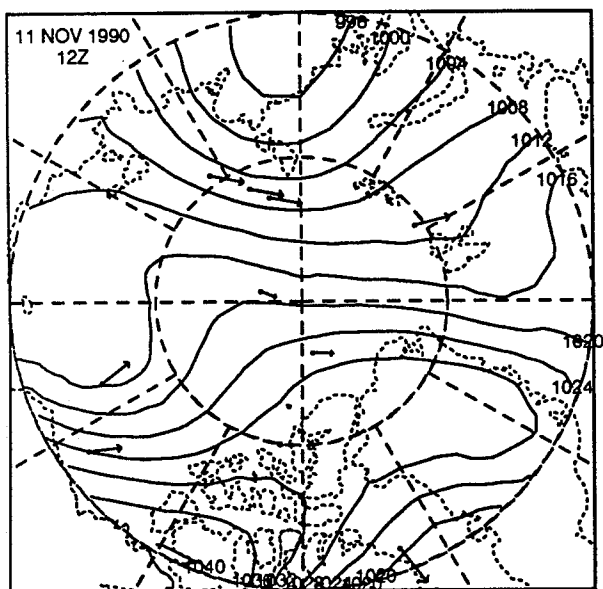
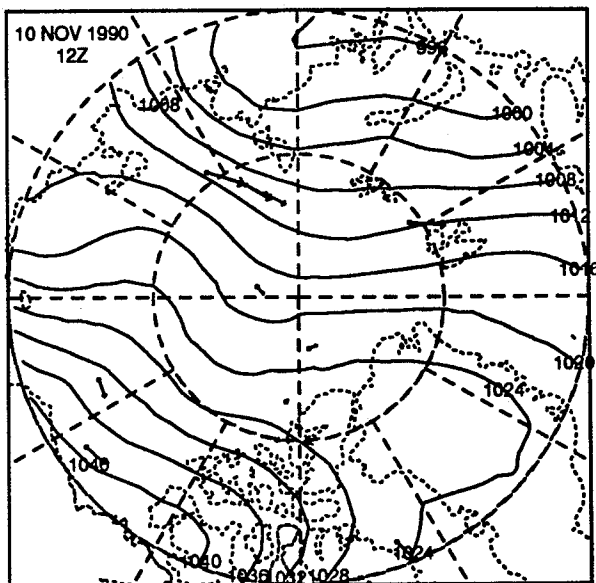
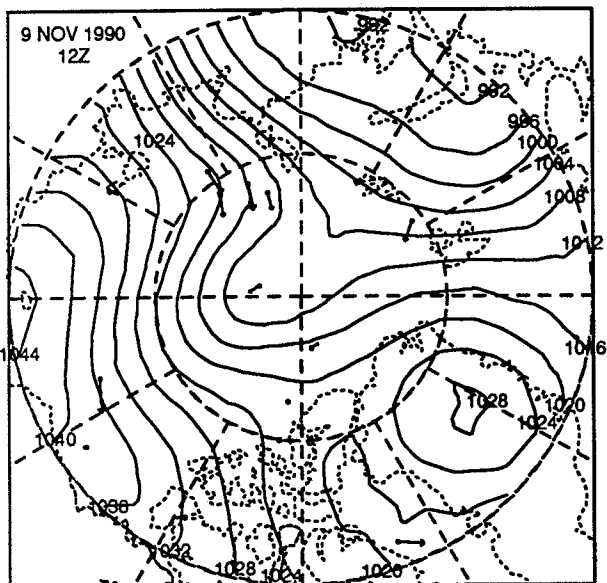


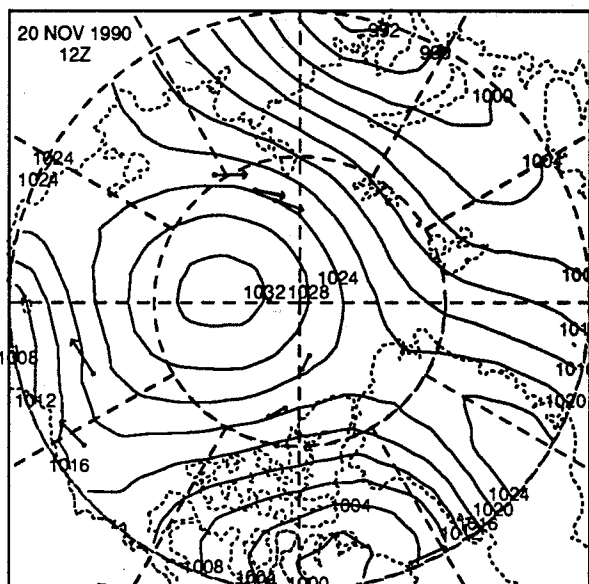
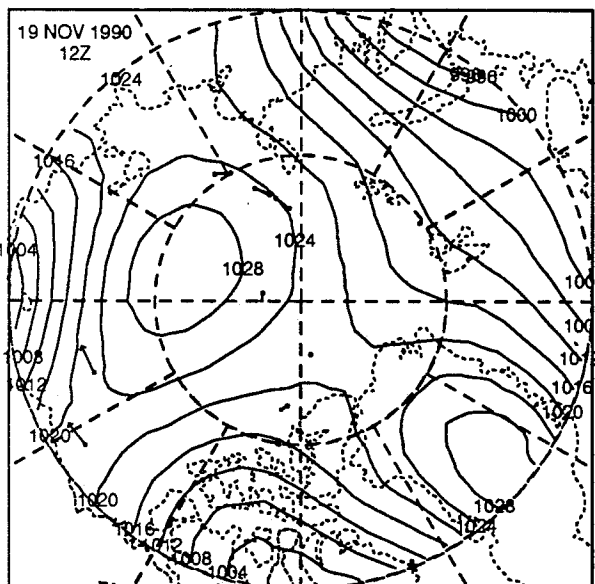
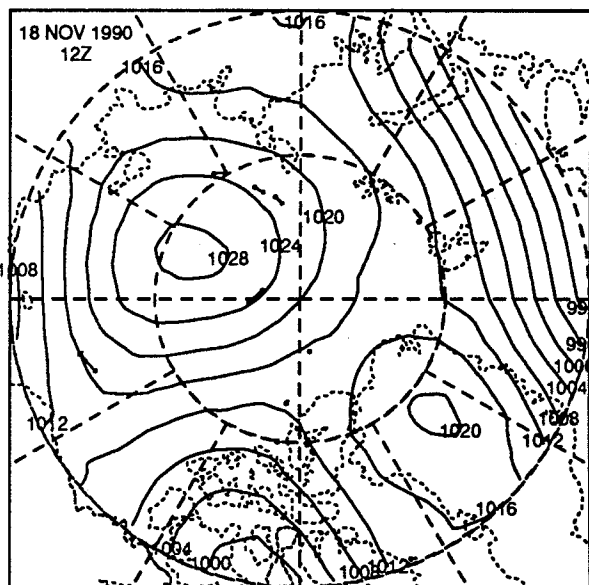
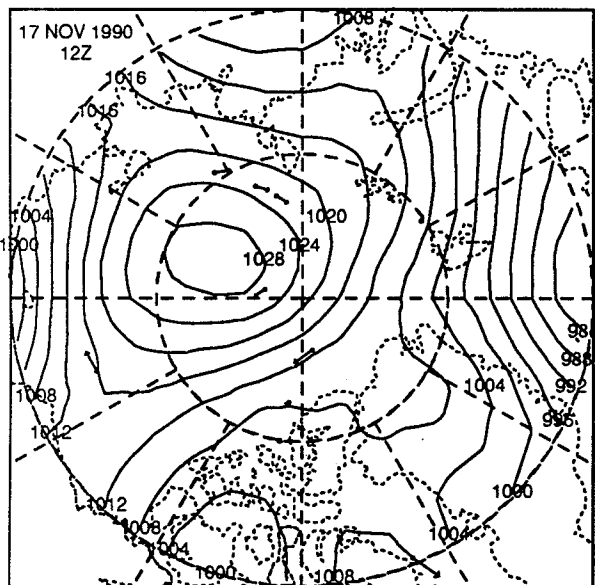
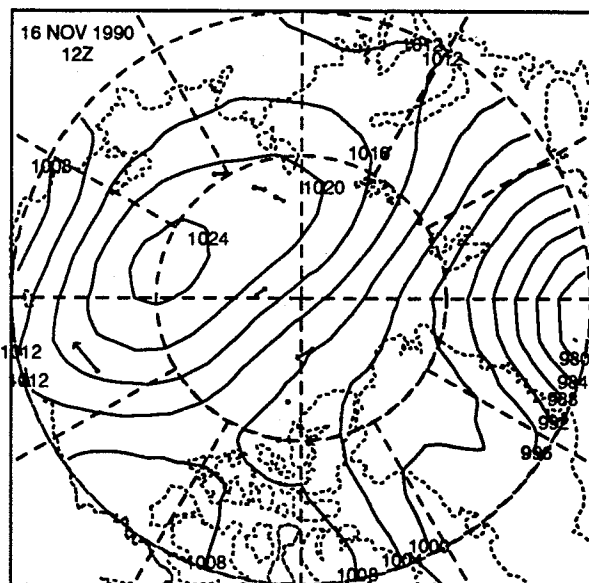
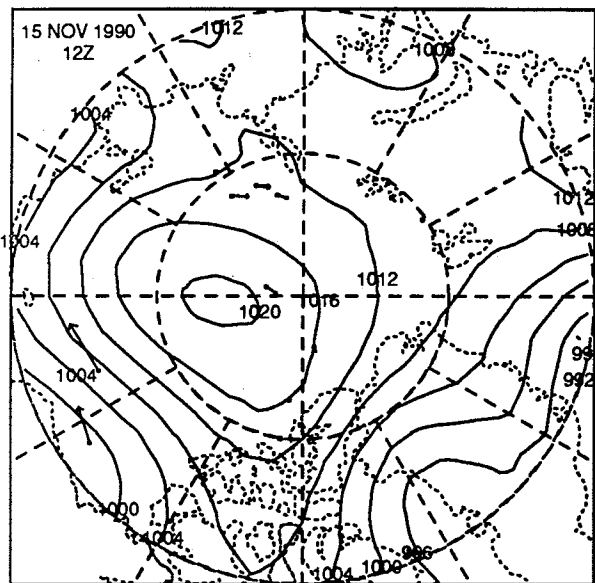


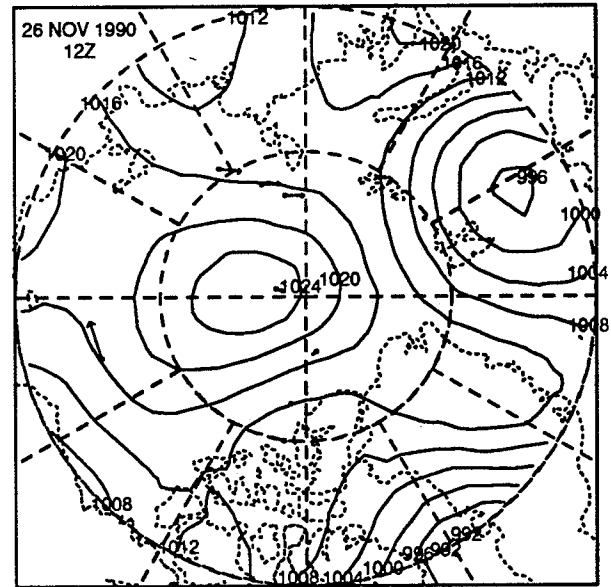
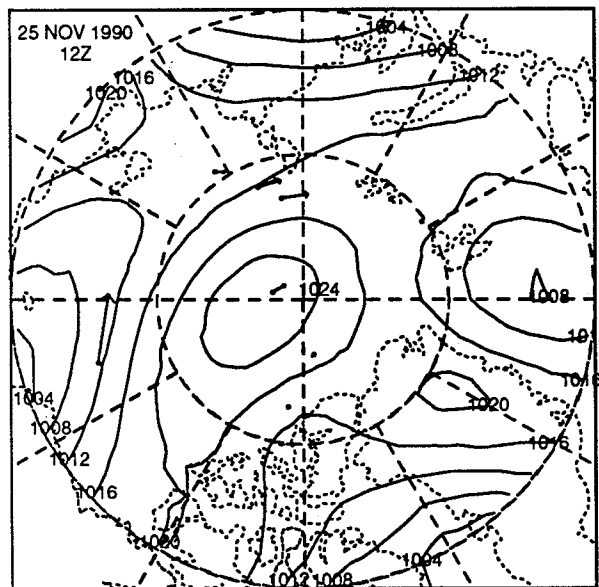
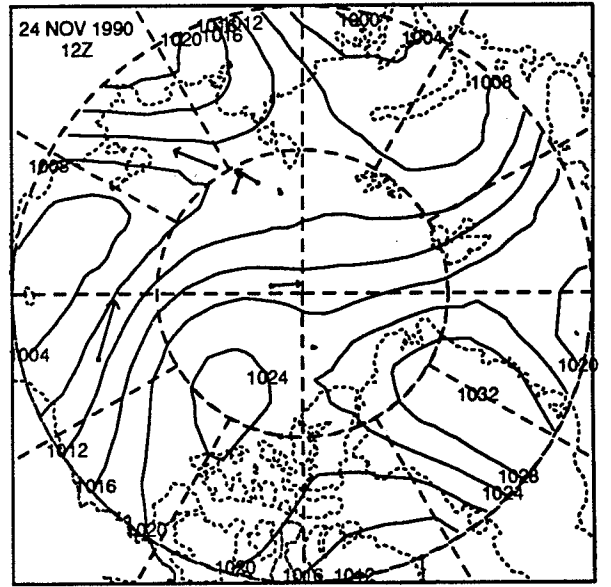
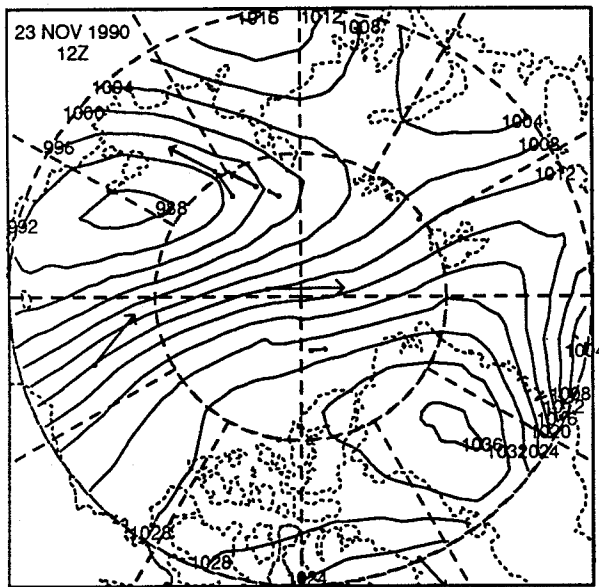
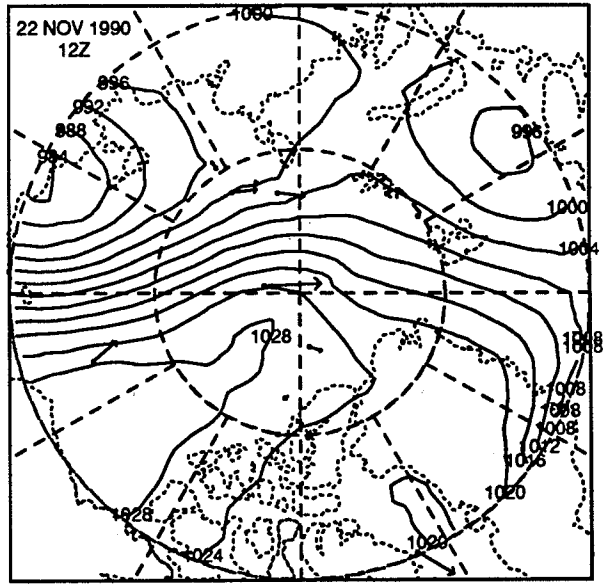
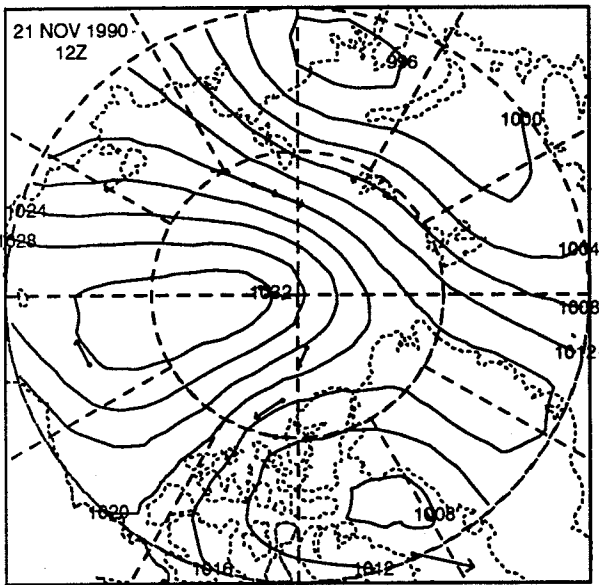


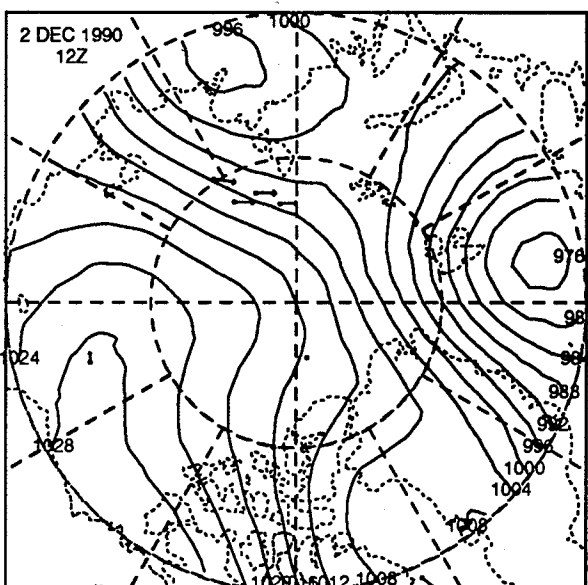
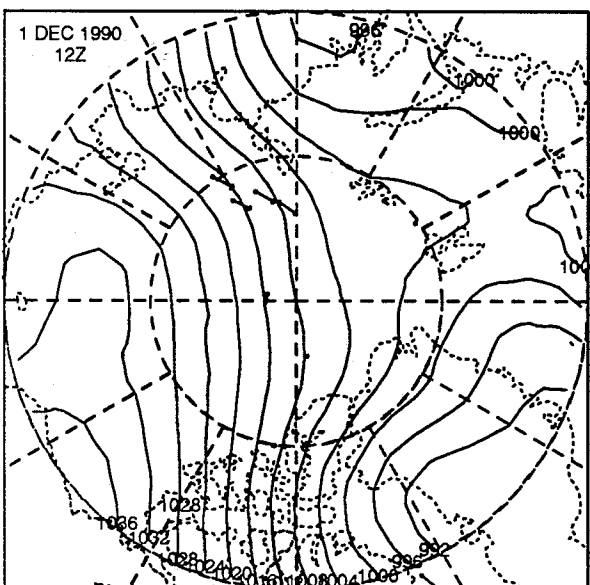
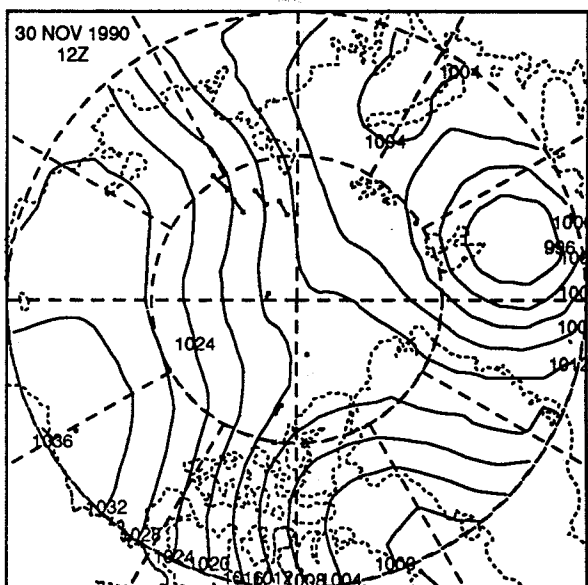
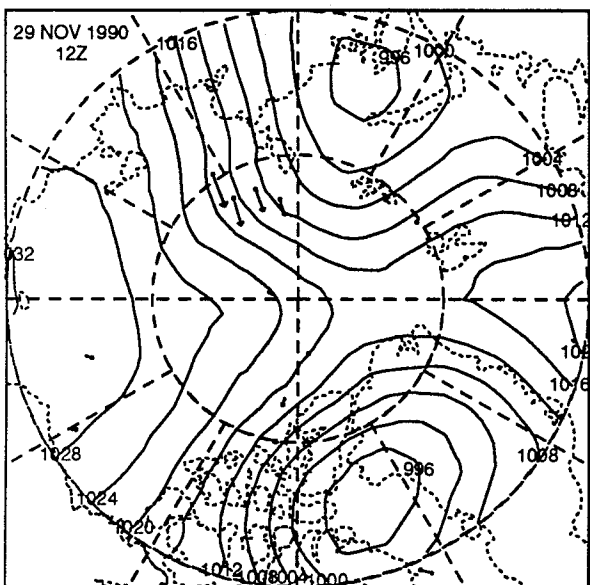
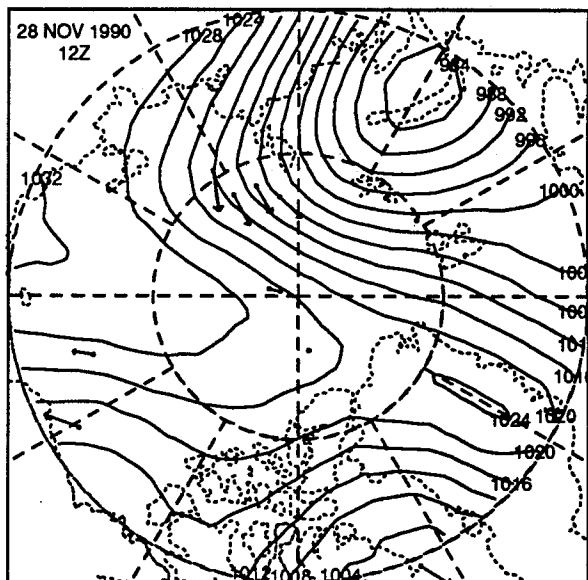
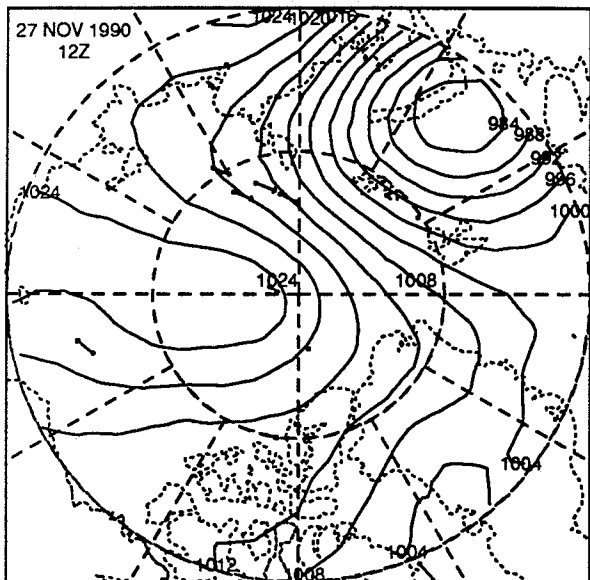


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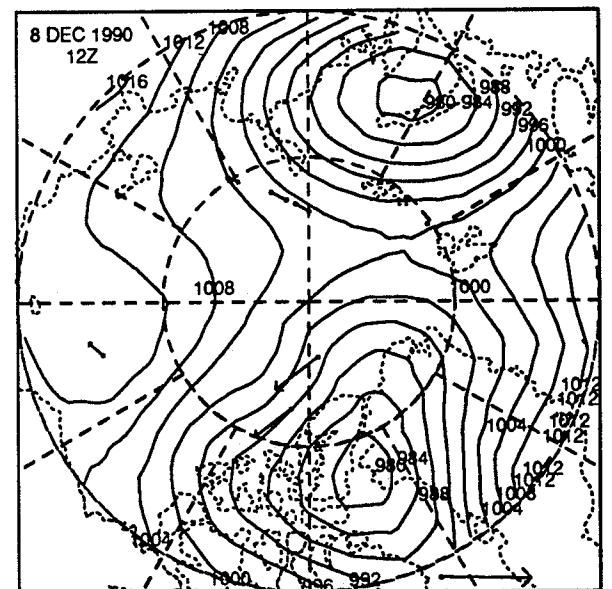
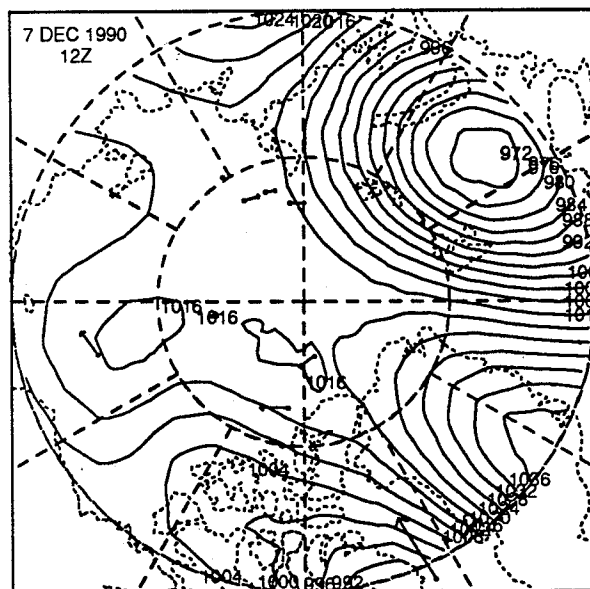
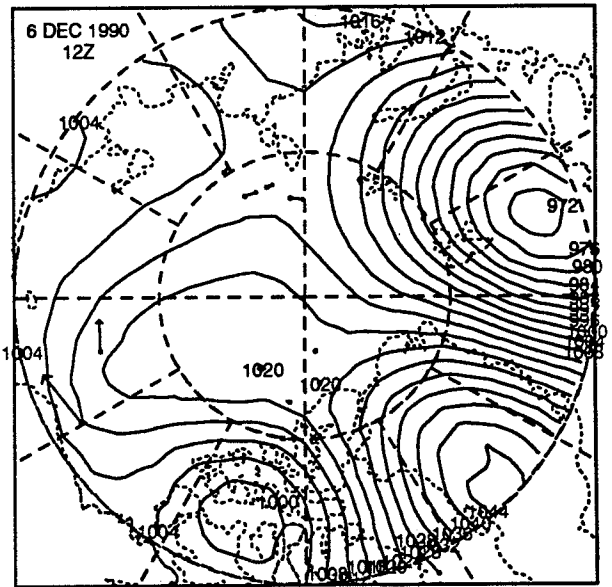
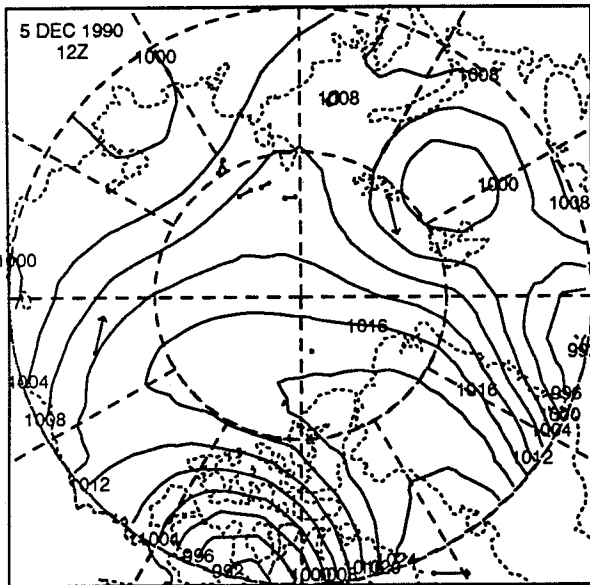
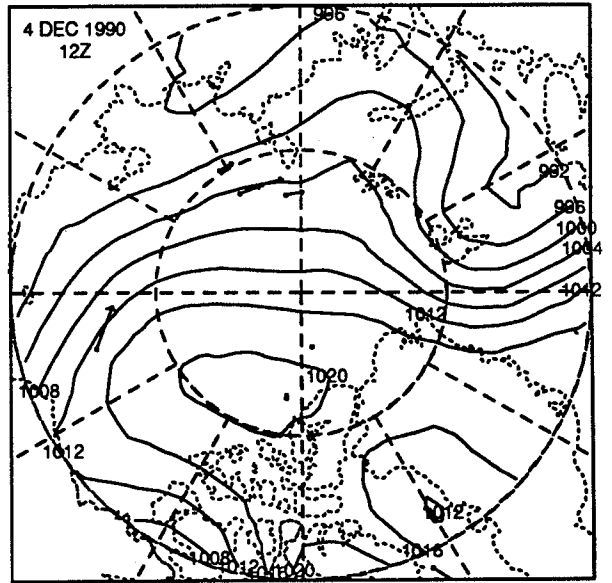
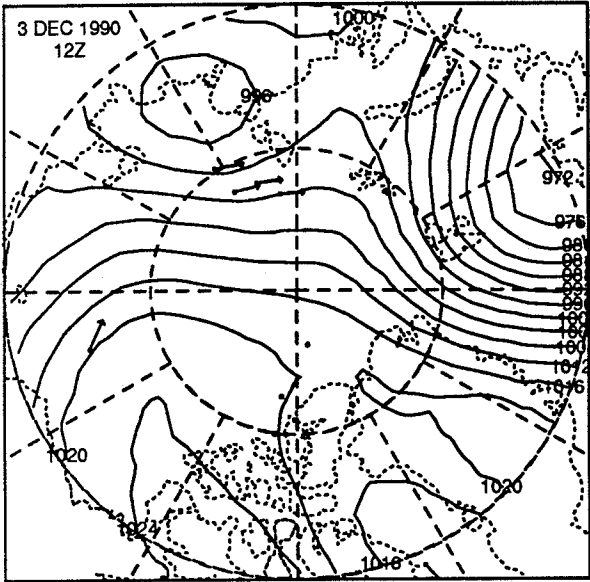




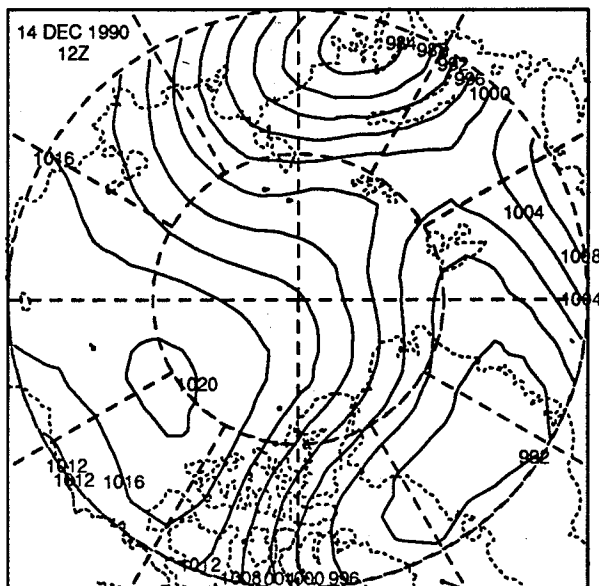
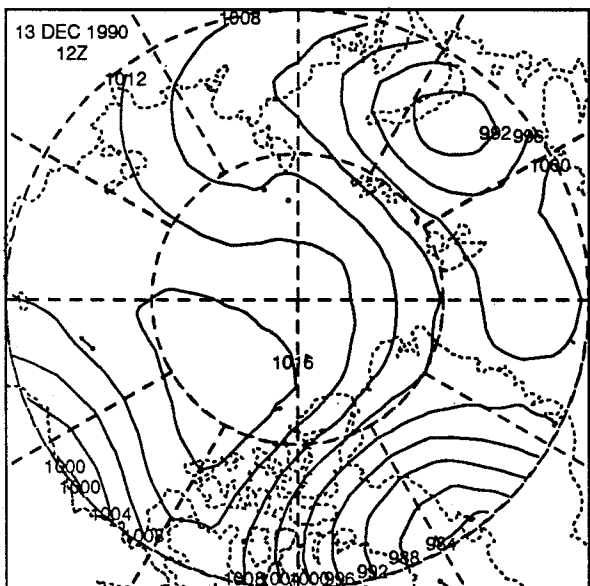
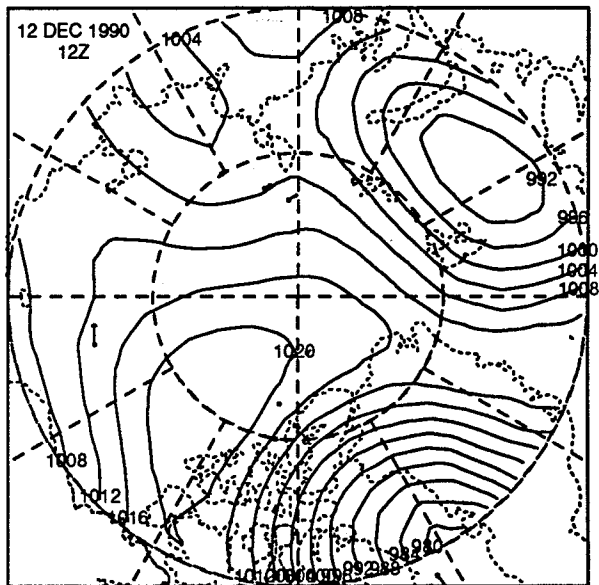
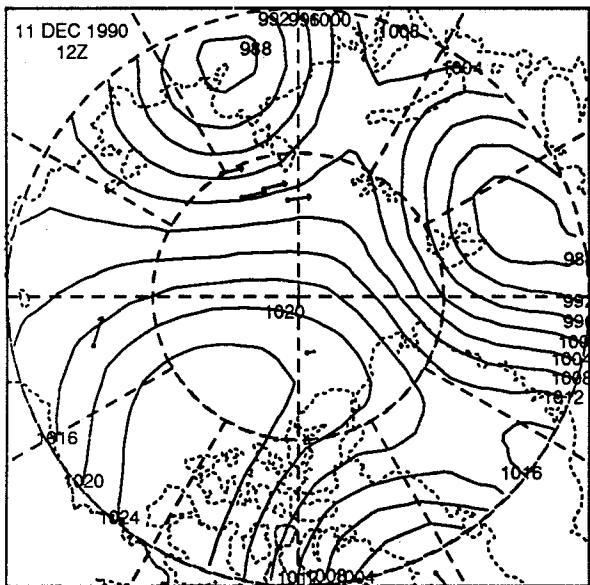
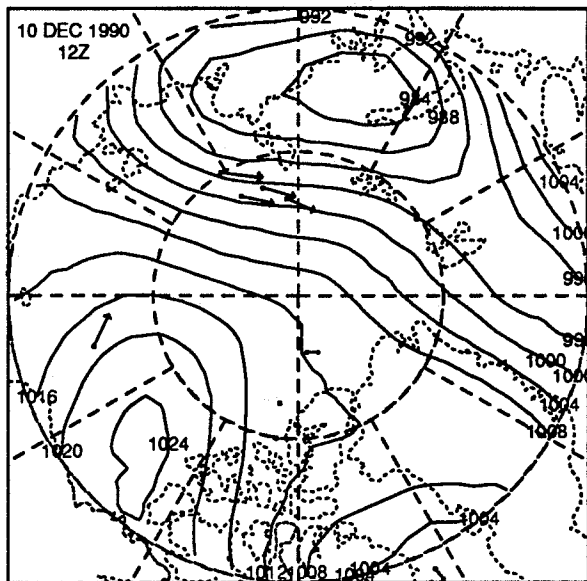
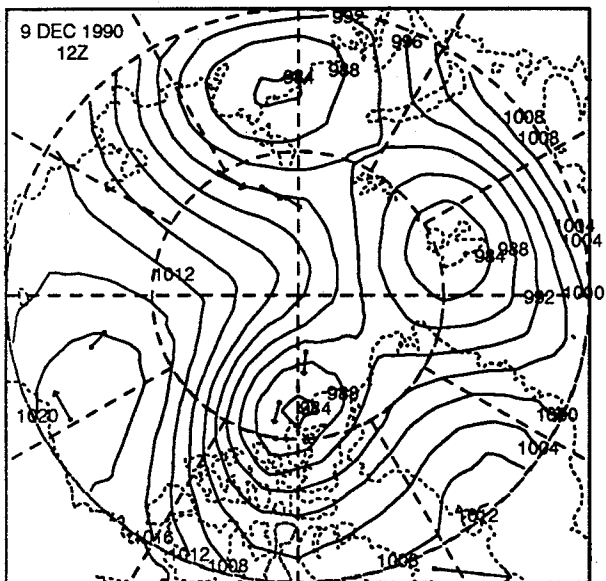




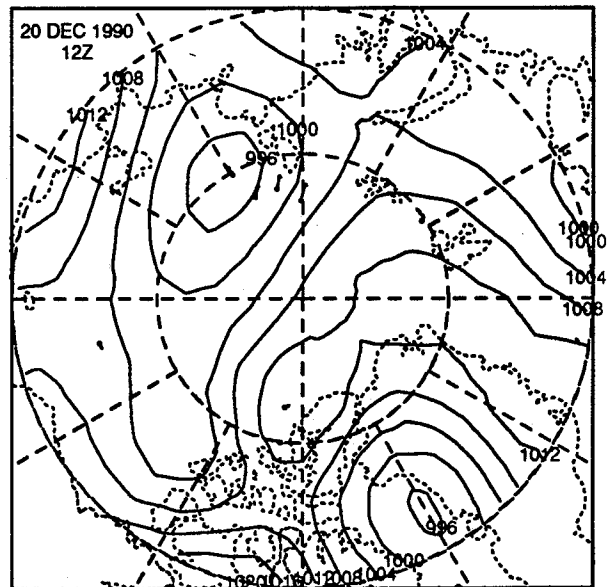
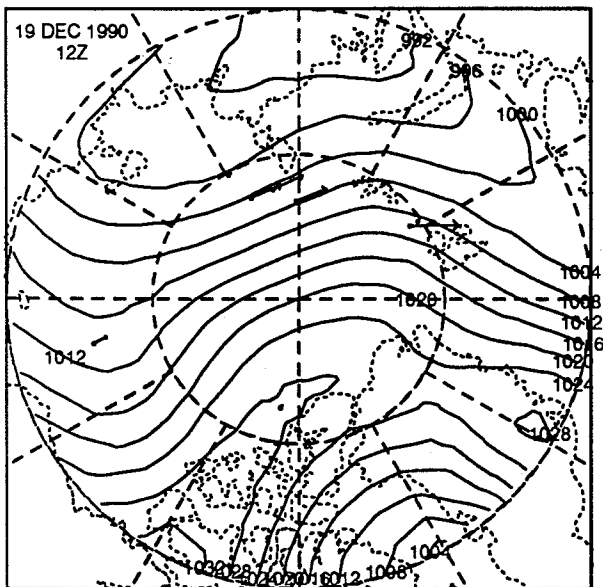
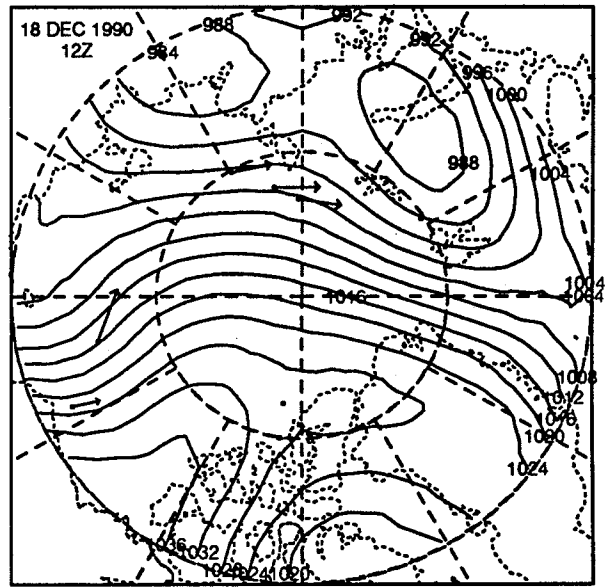
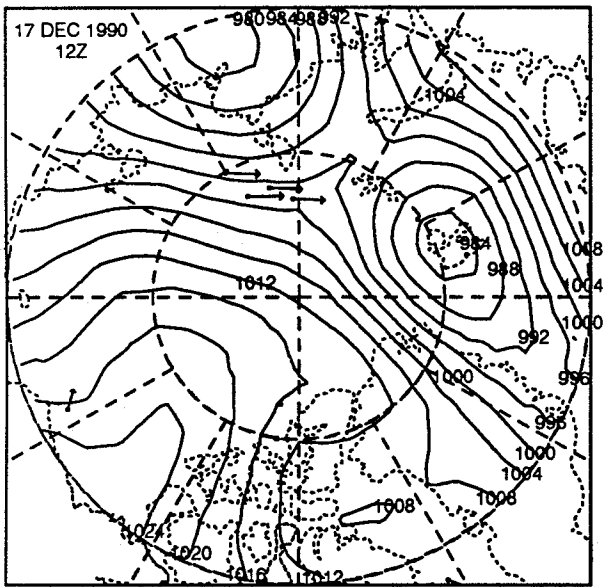
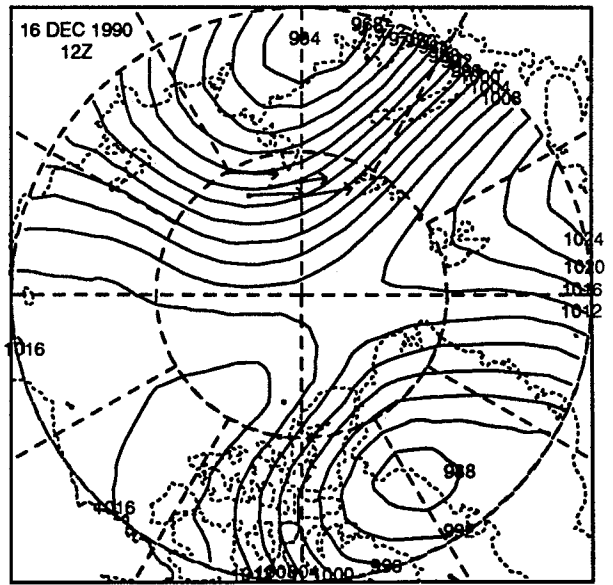
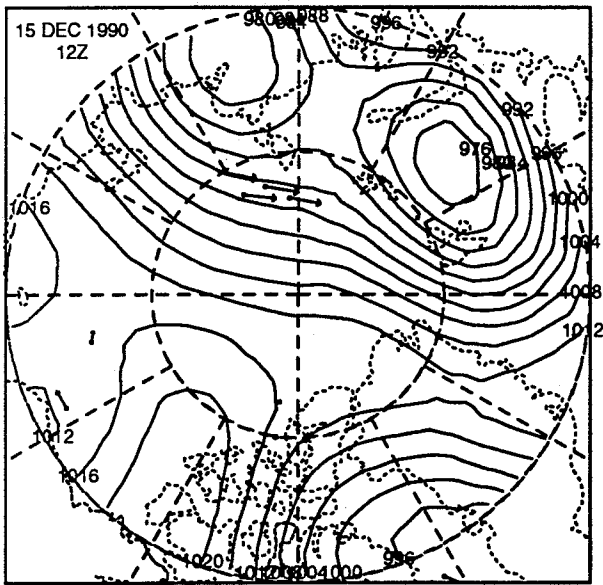
3 DEC 1990 - 8 DEC 1990

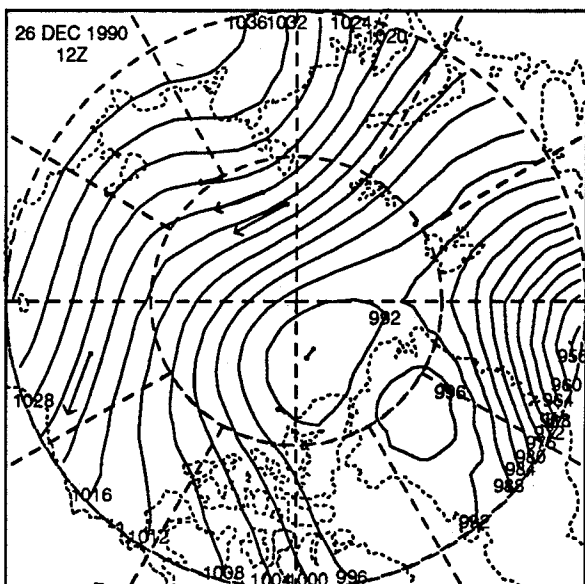
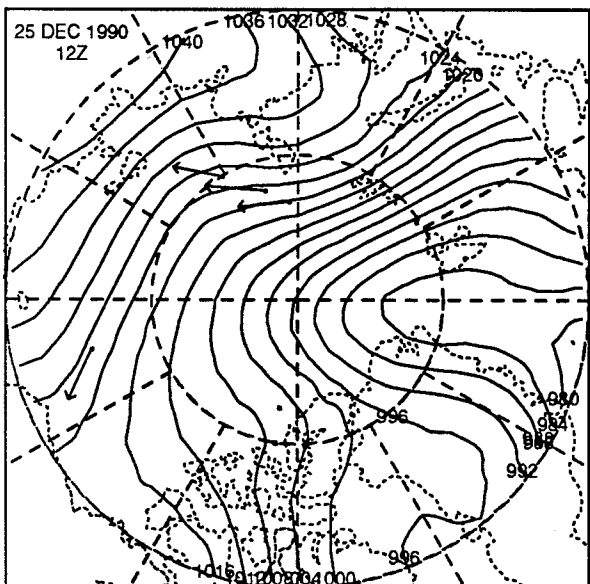
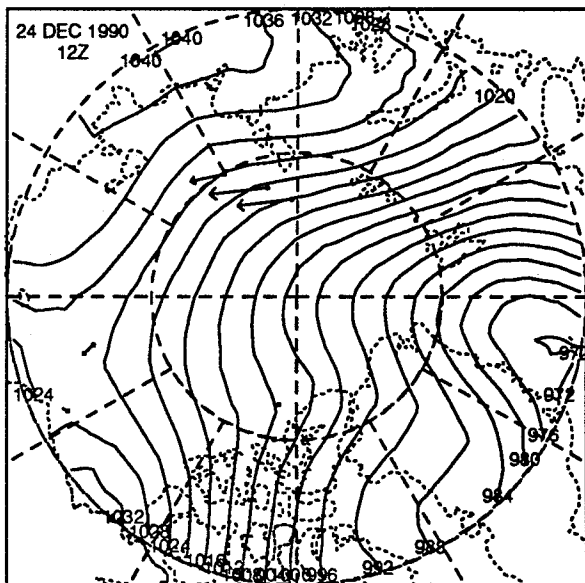
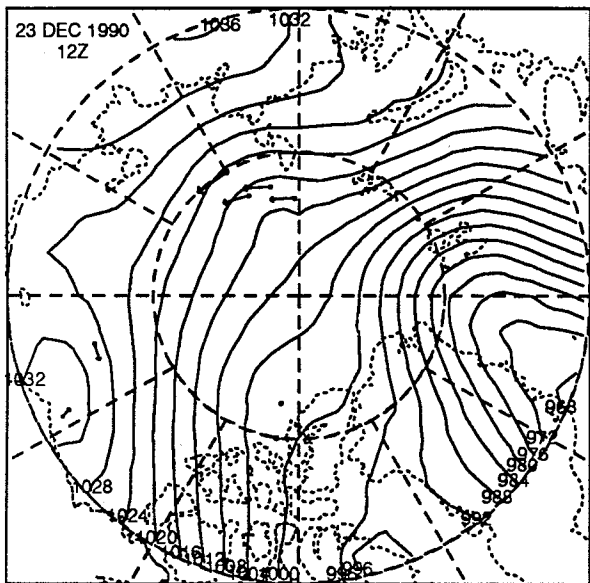
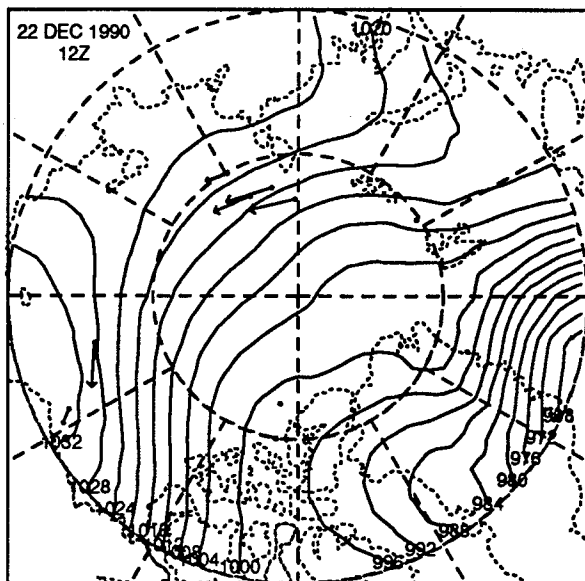
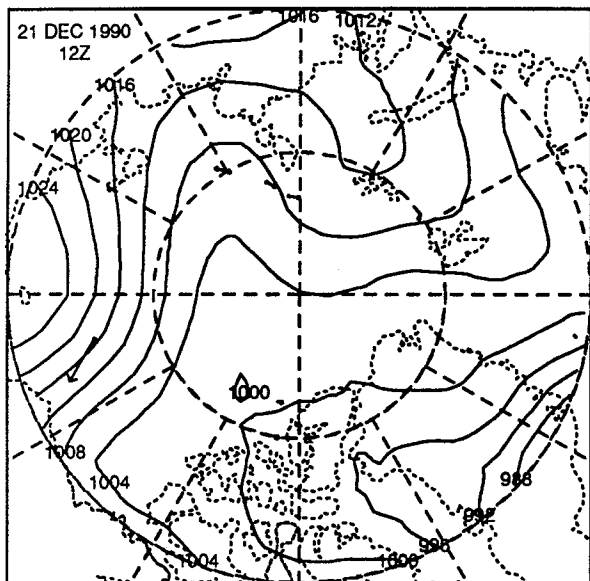


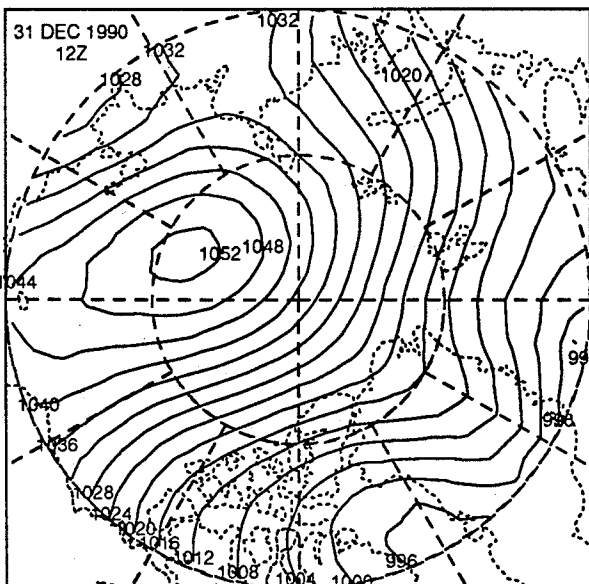
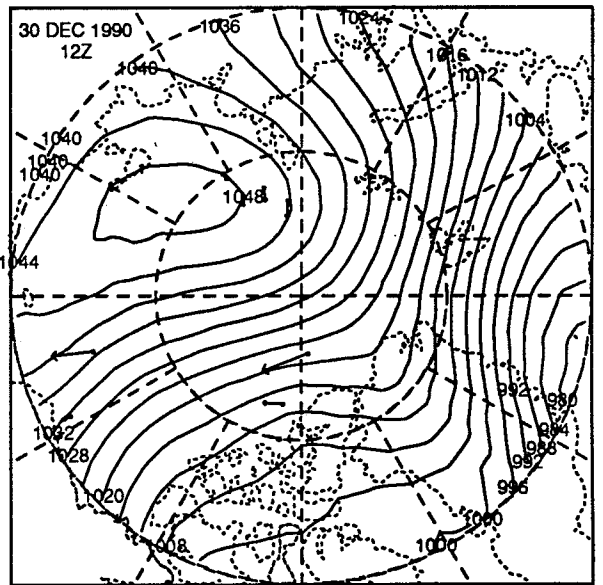
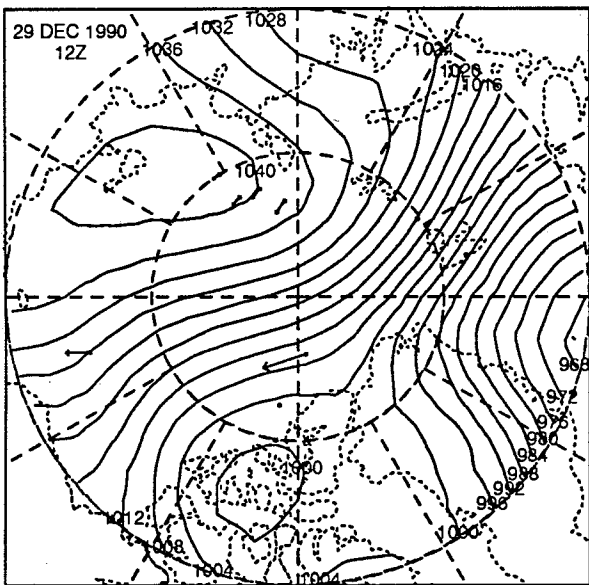
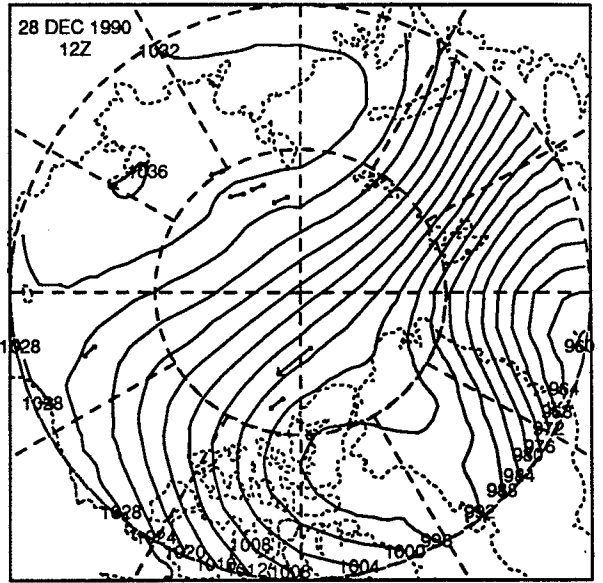
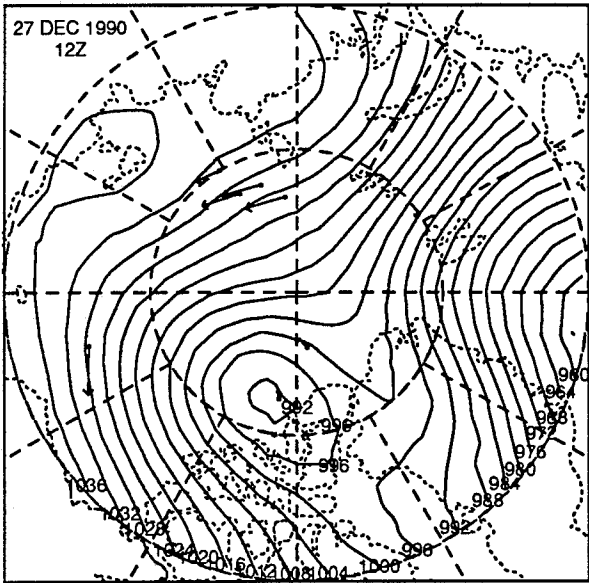
9 DEC 1990 - 14 DEC 1990



15 DEC 1990 - 20 DEC 1990



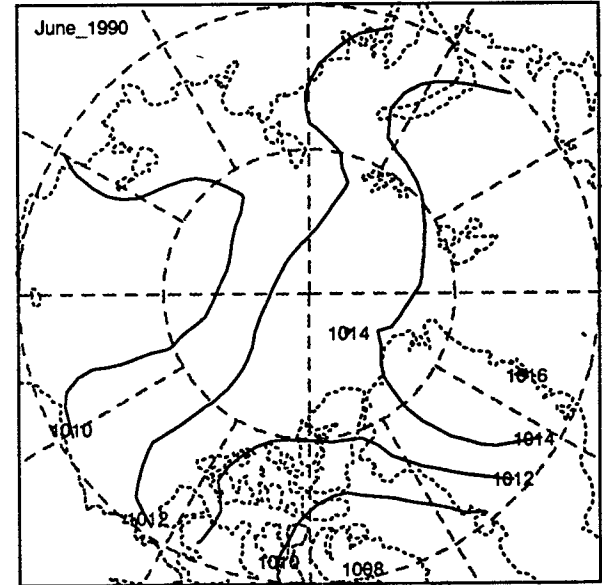
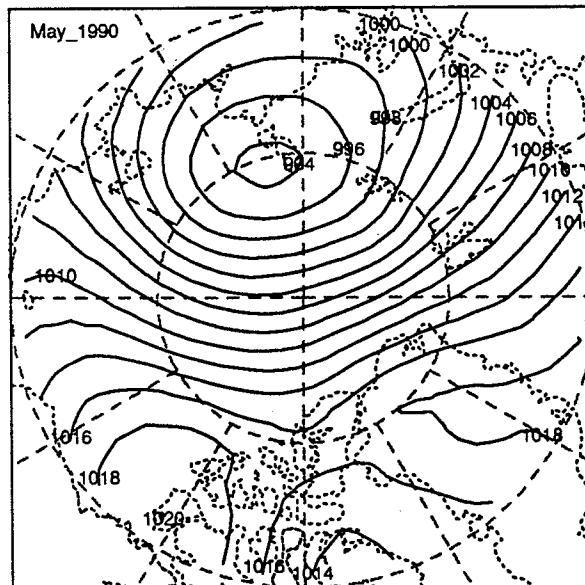
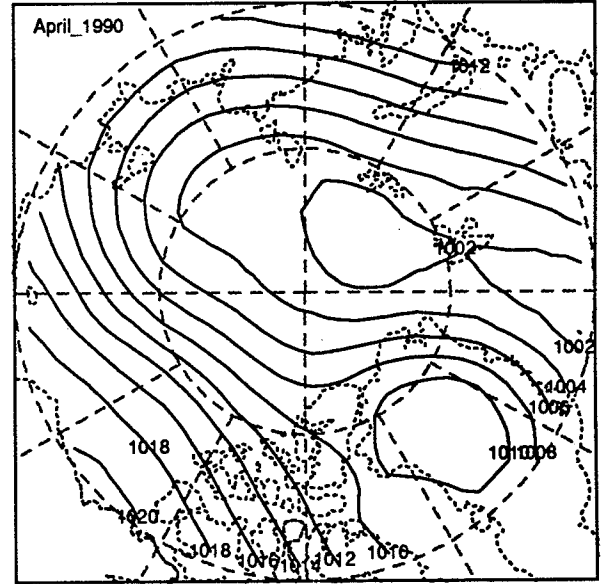
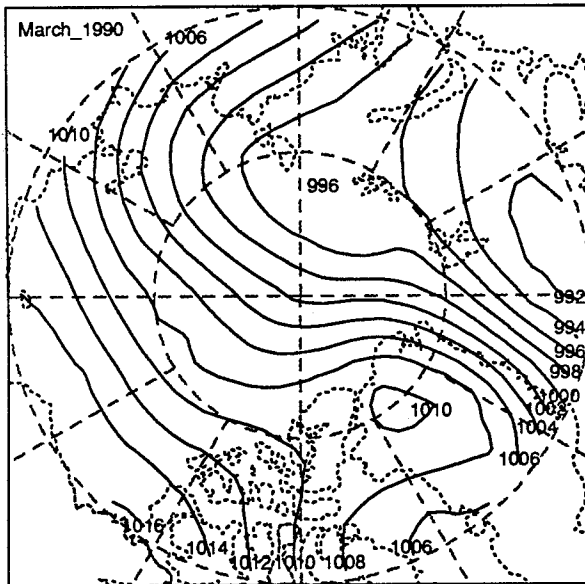
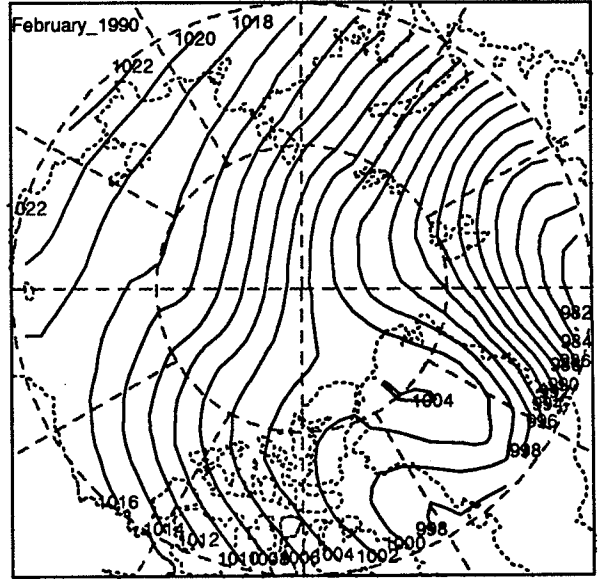
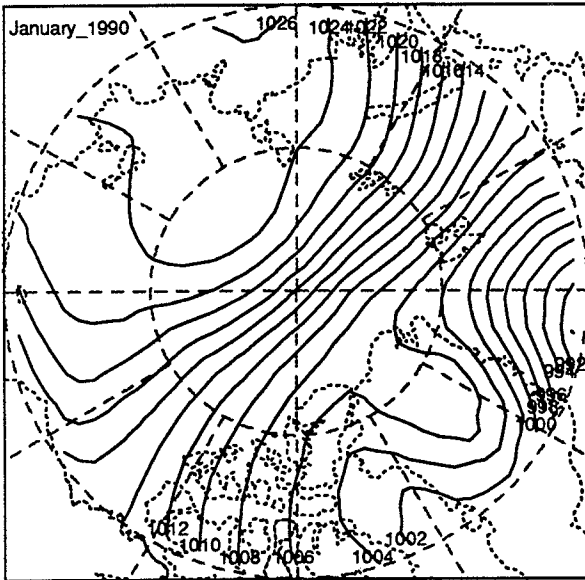




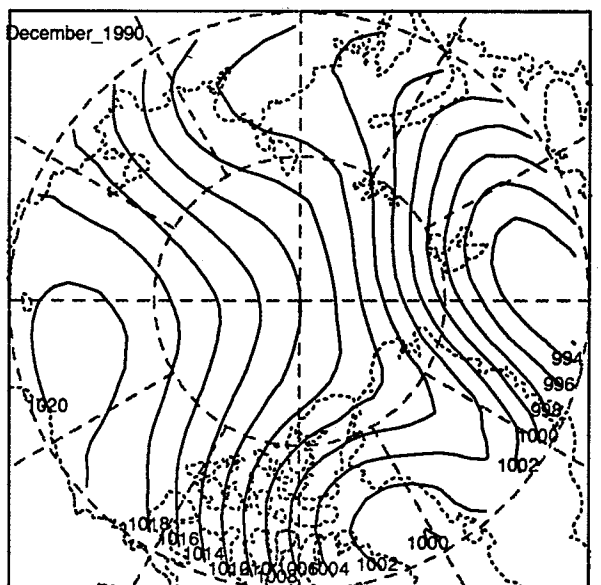
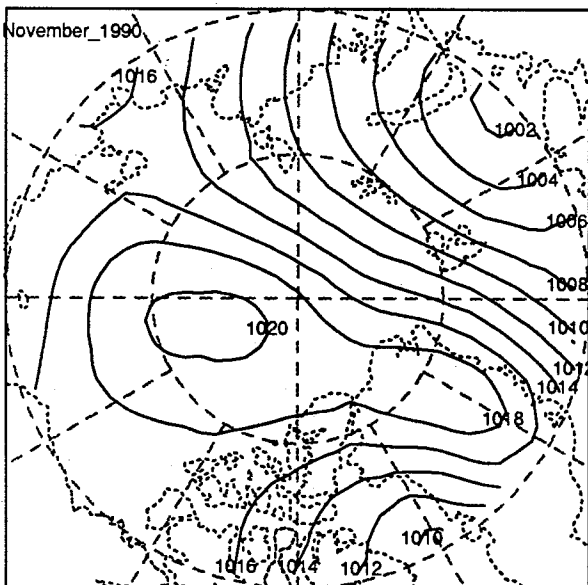
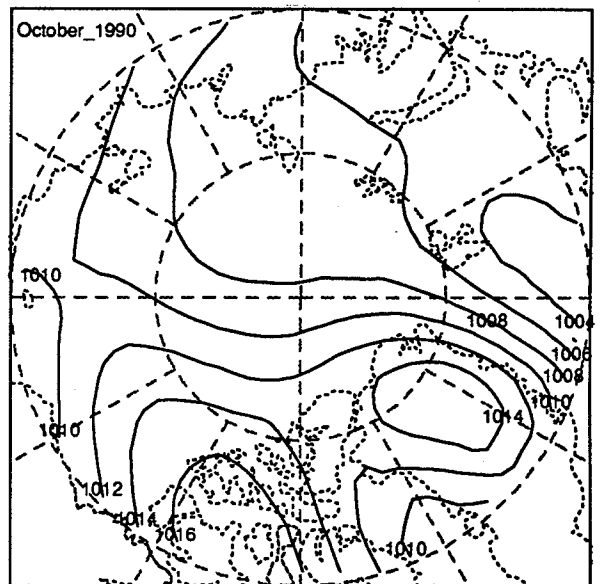
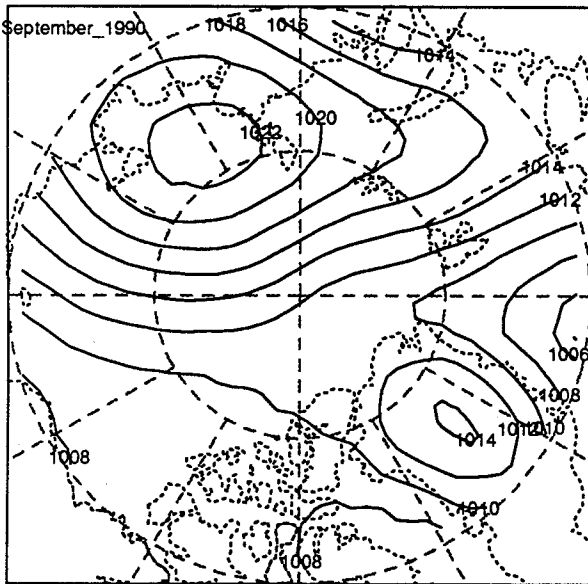
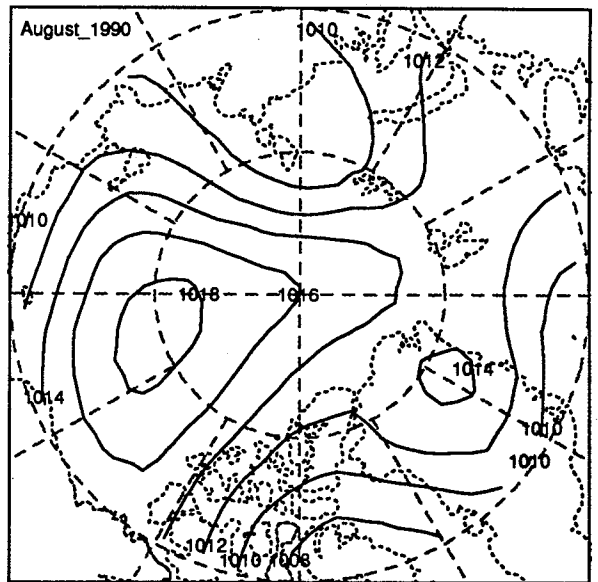
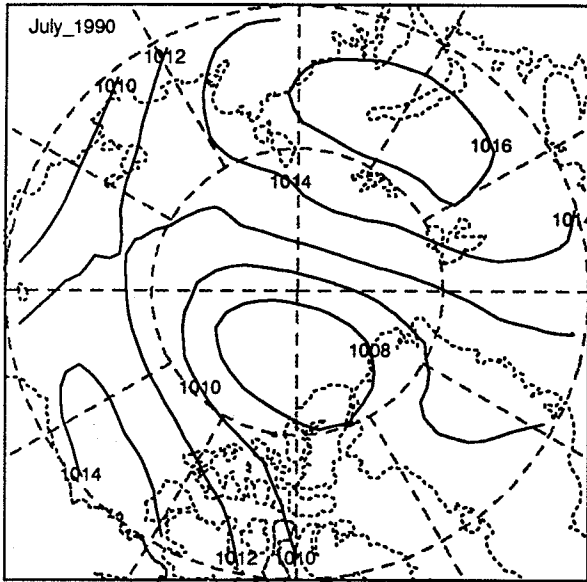
AVERAGE PRESSURE FIELDS

The monthly averaged surface pressure fields are given for 1990. In addition the mean annual pressure fields are shown for each of the years 1979 through 1990. Finally the mean of all years is illustrated.

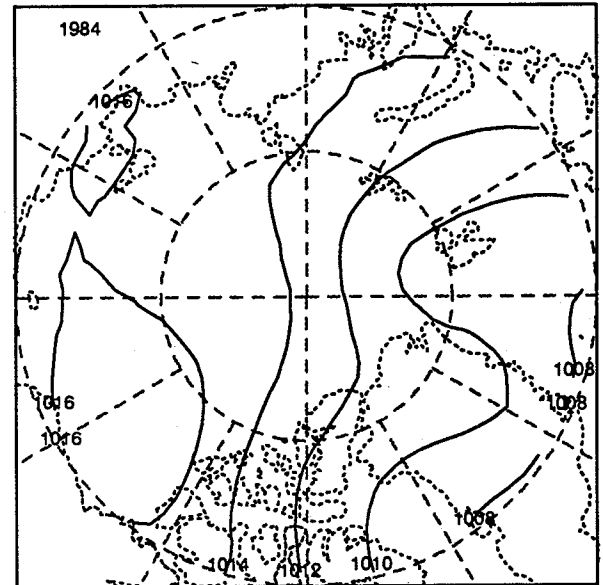
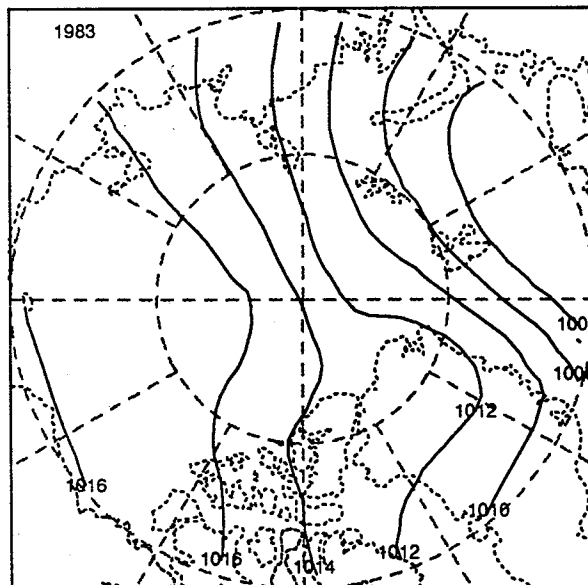
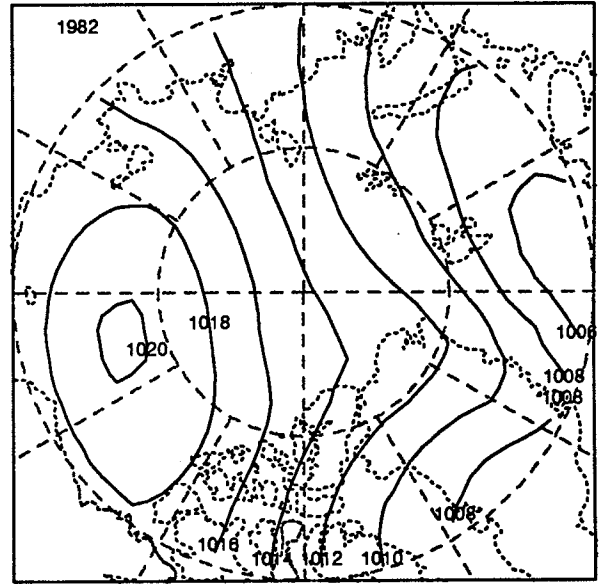
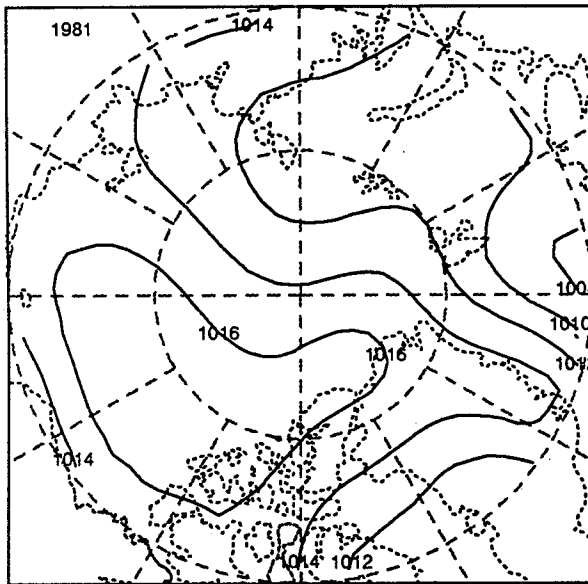
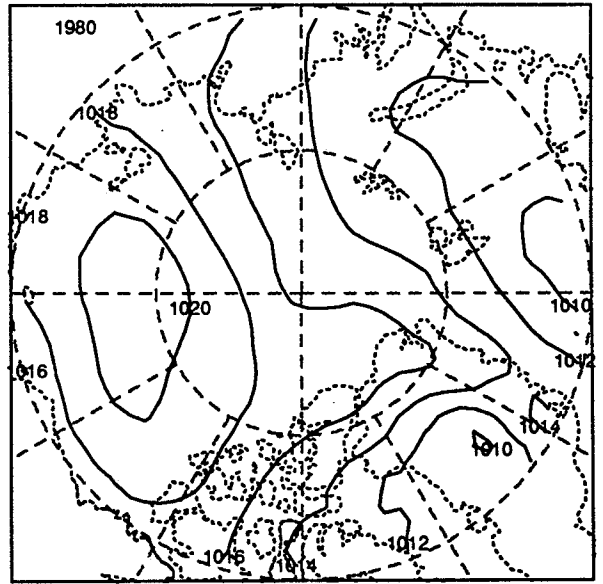
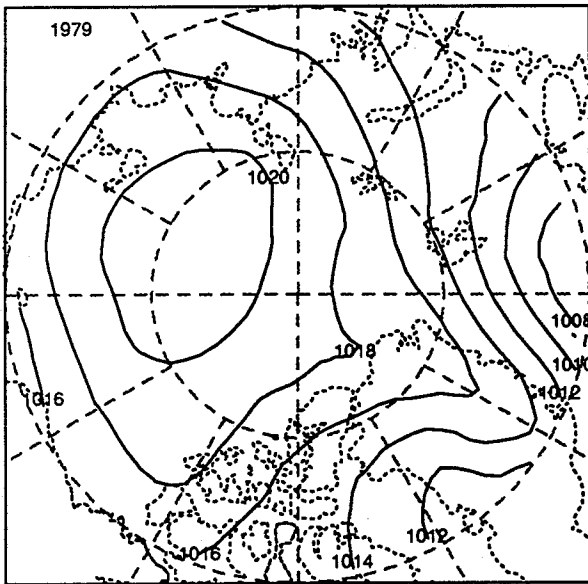
Jan - June 1990



July - Dec 1990



1979 - 1984



1985 - 1990

