

Arctic Ocean Buoy Program Data Report for 1 January 1989 – 31 December 1989

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Technical Memorandum

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I. Introduction

This is the tenth data report for the Arctic Buoy Program; it covers the period from 1 January 1989 through 31 December 1989. 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 1989 and their year of deployment are as follows:

1985: 3168.

1986: 7004, 7006.

1987: 3831, 3886, 7030, 7048.

1988: 1870, 1871, 2765, 3283, 3285, 3286, 3287, 3288, 3289, 5438, 7049, 7055, 7056, 8871, 8873, 8874, 8876, 8879, 8883, 8887, 8889.

Buoys deployed in 1989 and their month of deployment are as follows:

April: 1790, 1791, 3838, 6110, 6111, 6112, 6113, 6114, 6115, 6116, 6117, 6118, 6119, 7405, 7406, 7407, 7409, 7410, 7412.

August: 1792, 1872, 1873, 7408.

November: 7425.

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 = 89.
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 1989, and ends with 1200 GMT, 31 December 1989.

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 = 89.
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 = 89.
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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Seattle, WA 98105 U.S.A.

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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)		LAT	LON	P	T	BUOY(1790)		LAT	LON	P	T
89 Apr		(N)	(+E,-W)	(MB)	(C)	89 May		(N)	(+E,-W)	(MB)	(C)
102	12	76.022	25.612			128	8	75.209	18.756		
108	18	75.205	18.749			131	11	75.207	18.748		
109	19	75.208	18.750			134	14	75.205	18.745		
110	20	75.206	18.746			145	25	75.205	18.753		
111	21	75.208	18.743			148	28	75.207	18.750		
112	22	75.209	18.747			149	29	75.209	18.752		
113	23	75.207	18.753			150	30	75.210	18.751		
114	24	75.207	18.763			151	31	75.213	18.769		
115	25	75.206	18.746								
119	29	75.206	18.745								

BUOY(1790)		LAT	LON	P	T	BUOY(1790)		LAT	LON	P	T
89 Jun		(N)	(+E,-W)	(MB)	(C)	89 Aug		(N)	(+E,-W)	(MB)	(C)
152	1	75.208	18.749			222	10	76.154	22.314		
						236	24	76.773	23.736		

BUOY (1791)		LAT	LON	P	T	BUOY (1791)		LAT	LON	P	T
89 Apr		(N)	(+E, -W)	(MB)	(C)	89 Aug		(N)	(+E, -W)	(MB)	(C)
101	11	75.856	25.744			219	7	79.823	48.456		
102	12	76.020	25.568			220	8	79.733	48.953		
103	13	76.160	25.718			221	9	79.588	49.453		
						222	10	79.525	49.656		
						223	11	79.464	49.799		
						224	12	79.467	49.822		
						225	13	79.487	49.810		
						226	14	79.510	49.418		
						227	15	79.538	49.215		
						230	18	79.330	49.550		
						231	19	79.304	49.508		
						232	20	79.264	49.419		
						233	21	79.201	49.103		
						234	22	79.191	48.784		
						235	23	79.149	48.503		
						236	24	79.044	48.280		
						237	25	78.925	48.307		
						238	26	78.877	48.772		
						239	27	78.874	49.229		
						240	28	78.895	49.670		
						241	29	78.928	49.942		
						242	30	73.952	50.180		
						243	31	79.029	50.399		

BUOY (1791)		LAT	LON	P	T	BUOY (1791)		LAT	LON	P	T
89 Sep		(N)	(+E, -W)	(MB)	(C)	89 Oct		(N)	(+E, -W)	(MB)	(C)
244	1	78.955	49.712			274	1	79.520	55.519		
245	2	78.942	49.551			275	2	79.451	55.894		
246	3	78.925	49.527			276	3	79.393	55.973		
247	4	78.862	49.730			277	4	79.372	55.806		
248	5	78.927	50.235			278	5	79.372	55.657		
249	6	79.015	50.514			279	6	79.349	55.913		
250	7	79.072	50.545			280	7	79.299	56.087		
251	8	79.088	50.523			281	8	79.323	55.786		
252	9	79.024	50.442			282	9	79.424	55.135		
253	10	79.009	50.776			283	10	79.486	54.595		
254	11	79.059	51.237			284	11	79.581	54.181		
255	12	79.066	51.570			285	12	79.725	53.775		
256	13	79.084	51.737			289	16	79.780	51.703		
257	14	79.130	51.942			290	17	79.777	51.716		
258	15	79.144	51.918			291	18	79.787	51.728		
259	16	79.191	51.578			292	19	79.778	51.696		
260	17	79.247	51.389			293	20	79.782	51.720		
261	18	79.329	51.560			294	21	79.775	51.715		
262	19	79.388	51.776			295	22	79.733	51.747		
263	20	79.385	51.659			296	23	79.647	51.828		
264	21	79.355	51.514			297	24	79.492	51.442		
265	22	79.360	51.688			298	25	79.307	51.410		
266	23	79.383	52.079			299	26	79.239	51.525		
267	24	79.427	52.697			300	27	79.277	51.198		
268	25	79.461	53.362			301	28	79.447	50.714		
269	26	79.544	53.955			302	29	79.455	51.059		
270	27	79.591	54.404			303	30	79.573	50.903		
271	28	79.608	54.815			304	31	79.538	50.389		
272	29	79.552	55.230								
273	30	79.545	55.428								

BUOY(1791) 89 Nov		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	79.517	50.471		
306	2	79.570	50.920		
307	3	79.608	51.057		
308	4	79.596	51.476		
309	5	79.568	51.666		
310	6	79.635	51.584		
311	7	79.657	51.953		
312	8	79.624	52.004		
313	9	79.625	51.656		
314	10	79.618	51.571		
315	11	79.566	51.690		
316	12	79.563	51.527		
317	13	79.569	51.522		
318	14	79.682	50.935		
319	15	79.727	50.189		
320	16	79.730	50.172		
321	17	79.726	50.168		

BUOY(1792) 89 Aug	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1792) 89 Sep	LAT (N)	LON (+E,-W)	P (MB)	T (C)
221	9	78.278			250	7	77.472		63.959
222	10	78.298			257	14	77.124		64.960
223	11	78.304			261	18	77.297		64.302
224	12	78.302			264	21	77.308		64.375
225	13	78.319			265	22	77.258		64.269
226	14	78.370			266	23	77.194		64.061
227	15	78.323			267	24	77.161		63.781
228	16	78.289			270	27	77.137		65.298
229	17	78.245							
230	18	78.208							
231	19	78.244							
232	20	78.233							
233	21	78.194							
234	22	78.197							
235	23	78.170							
236	24	78.025							
237	25	77.894							
238	26	77.824							
239	27	77.817							
240	28	77.811							
241	29	77.713							
242	30	77.514							

BUOY(1792) 89 Oct	LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	2	76.585		
289	16	76.674		
290	17	76.617		

BUOY (1793) 89 Sep					BUOY (1793) 89 Oct				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
248	5	78.972	30.455	0.6	274	1	79.127	32.115	-6.0*
249	6	78.972	30.460	-1.7	275	2	79.004	32.000	-4.9
250	7	78.972	30.468	-4.5	276	3	78.995	31.988	-3.4
251	8	78.973	30.459	-4.7	277	4	78.994	31.973	-5.2
252	9	78.972	30.464	-3.2	278	5	78.918	31.869	-5.9
253	10	78.973	30.453	-2.9	279	6	78.958	31.722	-5.0
254	11	78.971	30.469	-2.4	280	7	79.006	31.188	-4.5
255	12	78.970	30.463	-0.4	281	8	79.108	30.949	-2.6
256	13	78.969	30.466	-1.1	282	9	79.103	30.931	-2.3
257	14	78.973	30.460	0.0	283	10	79.102	30.951	-1.9
258	15	78.971	30.453	-2.0	284	11	79.107	30.875	-1.4*
259	16	78.971	30.456	-0.7	285	12	79.141	30.737	-1.4*
260	17	78.973	30.459	0.0	289	16	79.359	30.088	-9.0
261	18	78.973	30.456	0.0	290	17	79.361	29.674	-13.8
262	19	78.975	30.451	-1.0*	291	18	79.239	29.319	-14.6
263	20	78.973	30.458	-3.1*	292	19	79.129	29.211	-15.7
264	21	78.972	30.443	-6.3*	293	20	79.239	29.366	-7.3
265	22	78.969	30.457	-5.8	294	21	79.319	30.185	-6.2
266	23	78.949	30.421	-5.5	295	22	79.228	30.122	-14.9*
267	24	78.898	30.422	-0.6	296	23	79.140	30.371	-15.6
268	25	78.936	30.441	1.3	297	24	79.075	30.199	-19.1
269	26	78.955	30.823	0.9	298	25	79.066	30.207	-17.4
270	27	79.018	31.421	0.3	299	26	79.069	30.203	-19.3
271	28	79.120	31.822	-5.5	300	27	79.066	29.874	-20.8*
272	29	79.182	32.265	-2.5	301	28	78.987	29.710	-14.9
273	30	79.161	32.297	-4.1	302	29	78.937	29.693	-9.8
					303	30	78.891	29.781	-12.5
					304	31	78.894	29.788	-17.1

BUOY (1793) 89 Nov					BUOY (1793) 89 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	78.893	29.785	-5.1*	335	1	78.889	29.684	-21.3
306	2	78.890	29.764	-1.3	336	2	78.888	29.702	-24.8
307	3	78.897	29.764	-2.5	337	3	78.886	29.690	-21.2
308	4	78.896	29.766	-0.9	338	4	78.889	29.689	-19.8*
309	5	78.899	29.784	-0.9	339	5	78.884	29.690	-20.8
310	6	78.894	29.771	-1.3	340	6	78.888	29.685	-23.2
311	7	78.894	29.768	-3.6	341	7	78.889	29.674	-19.2
312	8	78.892	29.793	-13.3	342	8	78.886	29.696	-22.7
313	9	78.898	29.794	-18.5*	343	9	78.887	29.704	-26.1
314	10	78.894	29.804	-19.4*	344	10	78.889	29.693	-25.4
315	11	78.894	29.772	-23.3	345	11	78.889	29.694	-25.9
316	12	78.895	29.774	-27.2	346	12	78.890	29.677	-25.6
317	13	78.933	29.619	-17.4	347	13	78.885	29.692	-23.0
318	14	78.888	29.709	-12.6	348	14	78.889	29.701	-24.1*
319	15	78.887	29.688	-20.8	349	15	78.887	29.679	-17.8
320	16	78.883	29.675	-16.9	350	16	78.889	29.698	-18.3
321	17	78.889	29.691	-5.5*	351	17	78.888	29.691	-24.2
322	18	78.886	29.705	-14.4	352	18	78.888	29.699	-25.1*
323	19	78.887	29.714	-18.5	353	19	78.888	29.694	
324	20	78.889	29.656	-21.0	354	20	78.888	29.690	-25.8*
325	21	78.887	29.680	-25.8	355	21	78.888	29.686	-17.8
326	22	78.884	29.703	-25.1	356	22	78.891	29.684	-24.3
327	23	78.888	29.692	-20.7	357	23	78.888	29.699	-24.2
328	24	78.888	29.692	-19.9	358	24	78.887	29.707	-25.0
329	25	78.887	29.688	-26.3	359	25	78.885	29.698	-13.0
330	26	78.885	29.689	-18.5*	360	26	78.890	29.697	-3.7
331	27	78.890	29.700	-18.3	361	27	78.888	29.712	-1.5
332	28	78.890	29.693	-18.9	362	28	78.888	29.696	-6.3
333	29	78.884	29.717	-8.1	363	29	78.889	29.712	-6.6*
334	30	78.889	29.694	-12.6	364	30	78.886	29.698	-11.4
					365	31	78.886	29.699	-18.9

BUOY(1870) 89 Jan	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1870) 89 Feb	LAT (N)	LON (+E,-W)	P (MB)	T (C)
3	3	82.442			34	3	81.113		
4	4	82.379			35	4	81.027		
5	5	82.274			36	5	80.919		
6	6	82.206			38	7	80.739		
10	10	81.884			44	13	80.602		
11	11	81.859			45	14	80.651		
12	12	81.833			46	15	80.649		
20	20	81.859			47	16	80.652		
21	21	81.762			48	17	80.715		
27	27	81.790			52	21	80.222		
28	28	81.719			53	22	80.183		

BUOY(1870) 89 Mar	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1870) 89 Apr	LAT (N)	LON (+E,-W)	P (MB)	T (C)
61	2	79.828			102	12	79.521		
71	12	79.945			103	13	79.565		
72	13	80.047			104	14	79.588		
73	14	80.093			105	15	79.667		
74	15	80.109			106	16	79.703		
77	18	80.320			107	17	79.696		
78	19	80.349			108	18	79.818		
79	20	80.367			109	19	79.840		
80	21	80.363			110	20	79.799		
81	22	80.323			111	21	79.817		
87	28	79.851			112	22	79.799		
88	29	79.881			113	23	79.785		
					114	24	79.837		
					116	26	79.924		
					117	27	80.002		
					118	28	80.117		
					119	29	80.049		

BUOY(1870) 89 May	LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY(1870) 89 Jun	LAT (N)	LON (+E, -W)	P (MB)	T (C)
122	2	79.989			152	1	80.069		36.334
127	7	80.505			153	2	80.046		36.377
128	8	80.553			154	3	80.010		36.259
129	9	80.596			155	4	79.937		36.103
130	10	80.624			156	5	79.844		36.317
131	11	80.688			157	6	79.797		36.527
132	12	80.730			158	7	79.784		36.815
133	13	80.694			159	8	79.801		37.156
134	14	80.613			162	11	79.534		38.105
138	18	80.282			164	13	79.373		38.770
139	19	80.163			165	14	79.372		39.152
140	20	80.074			166	15	79.287		39.754
143	23	80.056			167	16	79.309		40.089
144	24	80.167			168	17	79.251		40.565
145	25	80.301			169	18	79.137		40.730
146	26	80.349			170	19	79.108		41.229
147	27	80.354			171	20	79.087		41.300
148	28	80.251			172	21	79.014		41.241
149	29	80.171			173	22	78.892		41.207
					174	23	78.760		41.496
					175	24	78.674		41.468
					176	25	78.733		41.233
					177	26	78.805		41.120
					178	27	78.758		41.271
					179	28	78.702		41.198
					180	29	78.699		41.157
					181	30	78.650		40.693

BUOY(1870) 89 Jul	LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY(1870) 89 Aug	LAT (N)	LON (+E, -W)	P (MB)	T (C)
182	1	78.715			213	1	77.599		42.362
183	2	78.715			214	2	77.528		42.997
184	3	78.666			215	3	77.620		43.523
185	4	78.679			216	4	77.530		44.237
186	5	78.589			217	5	77.602		44.468
187	6	78.504			218	6	77.750		44.913
188	7	78.474			219	7	77.812		45.556
189	8	78.453			220	8	77.850		46.195
190	9	78.448			221	9	77.881		46.615
191	10	78.428			222	10	77.877		46.866
192	11	78.411			223	11	77.896		47.006
193	12	78.410			224	12	77.863		46.811
194	13	78.411			225	13	77.858		46.588
195	14	78.421			226	14	77.799		46.163
196	15	78.431			227	15	77.732		46.829
197	16	78.502			228	16	77.636		47.117
198	17	78.587			229	17	77.564		47.085
199	18	78.666			230	18	77.585		47.349
200	19	78.705			231	19	77.644		47.852
201	20	78.693			232	20	77.639		47.927
202	21	78.687			233	21	77.619		47.634
203	22	78.626			234	22	77.610		47.434
204	23	78.625			235	23	77.518		47.357
205	24	78.525			236	24	77.430		47.212
206	25	78.445			237	25	77.355		47.172
207	26	78.309			238	26	77.247		47.321
208	27	78.152			239	27	77.213		47.474
209	28	78.028			240	28	77.235		47.705
210	29	77.934			241	29	77.257		47.956
211	30	77.847			242	30	77.274		48.158
212	31	77.700							

BUOY (1870) 89 Sep	LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (1870) 89 Oct	LAT (N)	LON (+E, -W)	P (MB)	T (C)
245	2	77.036			274	1	77.624		56.595
246	3	76.952			275	2	77.426		57.513
247	4	76.801			276	3	77.303		57.567
248	5	76.761			277	4	77.298		55.509
249	6	76.815			278	5	76.946		54.161
250	7	76.843			279	6	76.728		54.435
251	8	76.851			280	7	76.810		53.316
252	9	76.758			281	8	76.882		52.141
253	10	76.570			282	9	76.976		51.147
254	11	76.521			285	12	77.531		48.991
255	12	76.467			289	16	77.261		44.341
256	13	76.389			290	17	76.940		44.493
257	14	76.311			291	18	76.934		45.081
258	15	76.323			294	21	76.402		44.989
259	16	76.445			295	22	76.437		45.677
260	17	76.664			296	23	76.313		44.653
261	18	76.867			301	28	76.068		45.179
262	19	77.087			302	29	76.060		45.626
263	20	77.224			303	30	75.949		46.849
264	21	77.193			304	31	75.447		47.616
265	22	77.242							
266	23	77.347							
267	24	77.389							
268	25	77.503							
269	26	77.642							
270	27	77.677							
271	28	77.756							
272	29	77.684							
273	30	77.734							

BUOY (1870) 89 Nov	LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (1870) 89 Dec	LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	75.193			337	3	75.486		44.940
306	2	75.338			338	4	75.189		45.287
307	3	75.524			339	5	74.972		45.030
308	4	75.596			340	6	74.716		44.477
309	5	75.665			341	7	74.687		43.270
310	6	75.805			342	8	74.469		42.540
311	7	75.912			343	9	74.171		42.196
312	8	76.082			344	10	74.150		41.653
313	9	76.018			345	11	73.976		41.312
317	13	75.578			346	12	73.702		40.898
318	14	75.799			347	13	73.544		40.045
319	15	75.600			348	14	73.726		39.497
320	16	75.596			349	15	73.852		37.959
321	17	75.957			350	16	73.813		36.611
322	18	75.628			351	17	73.743		35.392
323	19	75.428			352	18	73.432		34.712
324	20	75.380			353	19	73.371		33.755
325	21	75.402			354	20	73.763		31.988
326	22	75.473			355	21	73.967		31.466
327	23	75.532			356	22	73.730		33.091
328	24	75.726			357	23	73.370		33.598
331	27	75.947			358	24	73.271		33.328
332	28	76.080			359	25	73.564		32.831
333	29	76.206			360	26	74.144		32.168
					361	27	74.243		32.632
					362	28	74.175		34.092
					363	29	74.315		35.679
					364	30	73.655		36.353
					365	31	73.547		36.287

BUOY(1871) 89 Jan			LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1871) 89 Feb			LAT (N)	LON (+E,-W)	P (MB)	T (C)
2	2	84.653	67.386				33	2	84.395	55.956			
3	3	84.740	65.847				34	3	84.378	55.604			
4	4	84.745	64.256				35	4	84.362	55.578			
5	5	84.707	63.588				37	6	84.367	54.656			
6	6	84.673	63.125				38	7	84.363	54.015			
7	7	84.628	62.703				42	11	84.286	53.269			
8	8	84.529	62.411				43	12	84.359	52.640			
9	9	84.458	62.212				44	13	84.425	51.643			
10	10	84.440	61.803				45	14	84.449	50.445			
11	11	84.425	61.642				46	15	84.407	49.561			
12	12	84.420	61.752				47	16	84.377	49.103			
13	13	84.411	62.096				48	17	84.454	48.125			
14	14	84.415	62.667				49	18	84.541	46.995			
15	15	84.474	63.116				50	19	84.540	46.169			
16	16	84.345	62.995				51	20	84.519	45.581			
17	17	84.308	62.872				52	21	84.465	45.307			
18	18	84.272	63.024				53	22	84.389	45.652			
19	19	84.267	63.501				54	23	84.342	45.885			
20	20	84.251	63.347				55	24	84.328	45.850			
21	21	84.210	62.385				56	25	84.308	45.801			
22	22	84.159	61.877				59	28	84.335	45.314			
23	23	84.121	61.352										
24	24	84.109	61.140										
27	27	84.327	60.924										
28	28	84.373	60.483										
29	29	84.397	59.636										

BUOY(1871) 89 Mar			LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1871) 89 Apr			LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	84.312	44.944				91	1	84.117	37.109			
61	2	84.267	44.904				92	2	84.049	37.666			
62	3	84.264	45.093				93	3	83.993	37.178			
63	4	84.263	45.041				94	4	83.980	37.007			
64	5	84.377	44.839				95	5	83.956	36.950			
65	6	84.215	45.808				98	8	83.891	37.296			
68	9	84.028	47.085				99	9	83.897	37.200			
69	10	84.012	47.155				102	12	83.826	38.203			
70	11	84.067	46.501				103	13	83.866	37.178			
71	12	84.127	45.264				104	14	83.936	35.973			
72	13	84.184	43.803				105	15	83.974	35.535			
73	14	84.204	42.402				106	16	83.958	35.382			
74	15	84.214	41.427				107	17	83.934	35.099			
75	16	84.281	40.090				108	18	83.937	34.161			
76	17	84.364	39.230				109	19	83.913	33.746			
77	18	84.439	38.633				110	20	83.891	33.325			
78	19	84.444	38.382				111	21	83.875	33.018			
79	20	84.450	38.283				112	22	83.849	32.722			
80	21	84.440	38.064				113	23	83.832	32.022			
81	22	84.404	37.768				114	24	83.871	31.637			
82	23	84.359	37.564				115	25	83.935	31.594			
83	24	84.304	37.337				116	26	83.950	31.872			
84	25	84.268	37.170				117	27	83.933	31.711			
87	28	84.153	36.904				118	28	83.982	31.501			
88	29	84.141	36.916				119	29	83.895	32.119			
89	30	84.113	36.657				120	30	83.924	32.867			
90	31	84.085	36.691										

BUOY (1871) 89 May	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY (1871) 89 Jul	LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	83.943			190	9	82.059		30.915
122	2	83.960			191	10	82.093		31.235
123	3	84.018			192	11	82.117		31.678
124	4	84.105			193	12	82.170		32.072
125	5	84.144			194	13	82.240		32.522
133	13	84.348			195	14	82.302		32.761
134	14	84.279			196	15	82.349		32.739
138	18	84.142			197	16	82.394		32.558
139	19	84.121			198	17	82.431		32.318
140	20	84.087			199	18	82.463		32.054
141	21	84.044			200	19	82.494		31.975
142	22	84.019			201	20	82.459		32.491
143	23	84.008			202	21	82.450		32.951
144	24	83.982			203	22	82.431		33.586
					204	23	82.463		33.797
					205	24	82.428		34.042
					206	25	82.375		34.822
					207	26	82.243		35.024
					208	27	82.124		35.277
					209	28	82.009		36.010
					210	29	81.920		36.192
					211	30	81.849		36.109
					212	31	81.737		36.237

BUOY (1871) 89 Aug	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY (1871) 89 Sep	LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	81.582			244	1	80.041		36.909
214	2	81.450			245	2	80.081		36.095
215	3	81.444			247	4	80.077		36.942
217	5	81.295			248	5	80.024		36.994
223	11	81.194			249	6	79.979		35.887
224	12	81.117			250	7	79.884		34.623
225	13	81.010			251	8	79.714		33.916
226	14	80.947			252	9	79.645		33.978
227	15	80.929			253	10	79.621		34.024
229	17	80.857			254	11	79.582		34.317
231	19	80.803			255	12	79.583		34.479
232	20	80.781			256	13	79.601		34.750
233	21	80.793			257	14	79.634		35.246
234	22	80.771			258	15	79.660		35.376
235	23	80.705			259	16	79.783		34.604
236	24	80.632			260	17	79.870		34.076
237	25	80.491			261	18	79.875		33.828
238	26	80.327			262	19	79.803		33.506
239	27	80.205			263	20	79.678		33.221
240	28	80.154			264	21	79.661		32.979
241	29	80.232			265	22	79.666		32.852
					266	23	79.632		32.719
					267	24	79.651		32.937
					268	25	79.716		33.310
					269	26	79.795		34.019
					270	27	79.882		35.007
					271	28	79.770		35.563
					272	29	79.732		36.066
					273	30	79.708		36.017

BUOY (1871) 89 Oct		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (1871) 89 Nov		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	79.625	35.798			307	3	79.238	32.517		
275	2	79.539	35.898			308	4	79.238	32.971		
276	3	79.532	36.125			309	5	79.240	32.959		
277	4	79.555	36.121			311	7	79.353	33.710		
281	8	79.778	35.050			314	10	79.263	32.965		
282	9	79.976	34.624			315	11	79.240	32.740		
283	10	80.159	34.239			316	12	79.249	32.455		
284	11	80.290	33.829			317	13	79.329	32.114		
285	12	80.333	33.674			318	14	79.412	31.514		
291	18	79.843	31.945			319	15	79.370	30.614		
296	23	79.635	32.285			320	16	79.383	30.164		
300	27	79.433	31.692			321	17	79.422	30.179		
301	28	79.330	31.381			322	18	79.266	30.318		
302	29	79.365	31.488			323	19	79.139	30.230		
303	30	79.209	31.644								
304	31	79.058	31.683								

BUOY(1872) 89 Aug	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1872) 89 Sep	LAT (N)	LON (+E,-W)	P (MB)	T (C)
220	8	79.530		-6.0	246	3	79.311		-8.2
221	9	79.543		-5.9	247	4	79.214		-7.1
222	10	79.568		-6.0	248	5	79.310		-6.4*
223	11	79.582		-6.7	249	6	79.363		
224	12	79.504		-6.8	250	7	79.535		
225	13	79.423		-6.2	253	10	79.085		
226	14	79.575		-6.0	254	11	78.946		
230	18	79.734		-6.6	255	12	78.765		
231	19	79.784		-6.2					
232	20	79.790		-6.4*					
235	23	79.640		-6.6					
236	24	79.557		-6.5					
237	25	79.402		-7.0					
238	26	79.299		-7.5					
239	27	79.319		-7.6					
240	28	79.340		-8.1					

BUOY (1873)		LAT	LON	P	T	BUOY (1873)		LAT	LON	P	T
89 Aug		(N)	(+E, -W)	(MB)	(C)	89 Sep		(N)	(+E, -W)	(MB)	(C)
221	9	78.434	57.810		-6.1*	245	2	77.509	62.899		-7.1*
222	10	78.334	58.079		-6.2	246	3	77.481	63.234		-7.5
223	11	78.322	58.004		-5.9						
224	12	78.255	57.953		-6.6*						
225	13	78.236	57.188		-6.1*						
226	14	78.385	56.453		-6.1						
227	15	78.395	56.847		-6.6						
228	16	78.390	57.170		-6.7						
229	17	78.343	57.158		-6.6						
230	18	78.224	57.278		-6.4						
231	19	78.185	57.725		-6.1						
232	20	78.103	57.781		-5.9						
233	21	77.978	57.439		-6.6						
234	22	77.944	57.067		-7.0						
235	23	77.838	57.333		-7.0						
236	24	77.794	58.090		-6.7						
237	25	77.747	58.859		-6.9						
238	26	77.631	59.286		-7.3						
239	27	77.575	59.641		-7.0						
240	28	77.536	60.101		-7.2						
241	29	77.400	60.359		-7.2						

BUOY (2765)		LAT	LON	P	T	BUOY (2765)		LAT	LON	P	T
89 Jan		(N)	(+E, -W)	(MB)	(C)	89 Feb		(N)	(+E, -W)	(MB)	(C)
12	12	75.686	-166.337			35	4	76.006	-162.989		
22	22	75.706	-164.889			36	5	75.998	-162.945		
23	23	75.711	-164.713			37	6	76.030	-162.979		
27	27	75.658	-164.515			41	10	76.161	-162.416		
28	28	75.642	-164.346			46	15	76.456	-163.142		
						47	16	76.548	-162.914		
						48	17	76.572	-162.724		
						52	21	76.802	-162.344		
						54	23	76.873	-162.060		

BUOY (2765)		LAT	LON	P	T
89 Mar		(N)	(+E, -W)	(MB)	(C)
73	14	77.058	-161.174		
79	20	76.871	-160.973		
80	21	76.847	-160.965		
81	22	76.815	-160.928		
82	23	76.806	-160.855		
89	30	77.138	-161.501		

BUOY(3168)	LAT	LON	P	T
89 Jan	(N)	(+E,-W)	(MB)	(C)

1	1	83.893	-70.720	
2	2	83.894	-70.699	

BUOY (3283) 89 Jan					BUOY (3283) 89 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	83.921	4.131	991.2	-20.0*	32	1	81.830	2.621	1011.0	-35.7
2	2	83.916	3.825	972.3	-12.7*	33	2	81.718	2.473	997.1	-36.3
3	3	83.826	2.313	998.7	-27.0	34	3	81.666	2.434	999.6	-37.1
4	4	83.749	1.724	1021.2	-36.5	35	4	81.628	2.417	997.2	-38.0
5	5	83.722	1.749	1020.7	-35.4*	36	5	81.552	2.572	993.4	-36.0
6	6	83.687	1.732	1021.5	-37.8	37	6	81.460	2.744	992.8	-33.4
7	7	83.663	1.695	1016.9	-34.5	38	7	81.328	2.913	993.7	-30.7
8	8	83.618	1.728	1012.4	-34.9	39	8	81.179	3.237	1002.1	-28.4
9	9	83.507	2.220	1003.2	-29.8	40	9	81.120	3.414	1013.3	-28.2*
10	10	83.385	2.654	993.4	-27.9*	41	10	81.105	3.295	1010.9	-23.1
11	11	83.364	2.656	1001.5	-38.1*	42	11	81.164	2.699	977.8	-8.9
12	12	83.373	2.731	1003.7	-32.5	43	12	81.109	2.765	976.2	-15.4
13	13	83.420	2.916		-17.5*	44	13	81.006	2.144	982.3	-11.1*
14	14	83.456	3.156	981.3	-9.9	45	14	80.811	0.957	1000.6	-24.1
15	15	83.376	3.109	985.5	-28.8	46	15	80.518	-0.286	1007.3	-24.9*
16	16	83.286	3.134	1005.0	-39.5*	47	16	80.218	-1.061	996.0	-26.5
17	17	83.229	3.467	1001.9	-34.6	48	17	79.954	-1.214	990.4	-25.9
18	18	83.208	3.698	1000.0	-28.7*	49	18	79.800	-1.244	996.0	-26.5
19	19	83.137	3.500	997.6	-38.2*	50	19	79.654	-1.522	1000.0	-25.6
20	20	83.025	3.275	1004.5	-40.3*	51	20	79.516	-1.757	1009.1	-28.9*
21	21	82.905	3.267	1019.3	-40.0	52	21	79.374	-1.751	1009.9	-29.5
22	22	82.849	3.304	1026.1	-40.9	53	22	79.218	-1.841	1008.3	-27.4
23	23	82.830	3.260	1021.4	-36.5	54	23	79.006	-2.766	1007.3	-22.3*
24	24	82.846	3.001	1007.7	-32.7*	55	24	78.620	-4.200	999.1	-16.2
25	25	82.849	2.831	992.8	-21.7	56	25	78.209	-4.256	998.0	-18.9
26	26	82.736	2.268	988.5	-27.3	57	26	77.445	-4.500	1007.6	-24.0
27	27	82.580	2.164	990.2	-31.4*	58	27	76.893	-4.750	1014.2	-22.7
28	28	82.450	2.177	990.7	-38.2	59	28	76.718	-5.272	1014.6	-23.6
29	29	82.326	2.245	995.6	-38.2						
30	30	82.141	2.432	1003.9	-35.2*						
31	31	81.960	2.564	1013.5	-35.8						

BUOY (3283) 89 Mar					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)	
60	1	76.581	-5.634	1004.8	-16.8*
61	2	76.324	-6.253	1001.8	-18.8
62	3	76.156	-5.860	991.9	-22.8*
63	4	75.965	-4.615	998.2	-23.0
64	5	75.631	-4.432	1012.7	-19.0
65	6	75.429	-5.072	1005.8	-8.4*
66	7	75.247	-6.898	974.4	-8.3*
67	8	74.805	-7.134	1006.5	-16.1*
68	9	74.841	-7.915	996.6	-3.7
69	10	74.968	-8.128	972.4	-0.8
70	11	74.806	-8.145	970.4	-9.0*
71	12	74.617	-7.595	987.5	-11.9*
72	13	74.426	-7.436	998.9	-12.3*
73	14	74.207	-7.470	1001.7	-14.9
74	15	73.933	-7.494	1001.1	-14.6
75	16	73.627	-7.481	1001.2	-14.3
76	17	73.523	-6.791	999.8	-13.0
77	18	73.592	-6.457	1003.0	-11.0
78	19	73.586	-6.686	1006.0	-7.7
79	20	73.556	-6.840	1006.3	-6.7
80	21	73.421	-7.421	997.1	-2.9*
81	22	73.326	-8.091	998.1	-3.2

BUOY (3285) 89 Jan					BUOY (3285) 89 Feb				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
1	82.099	127.330	992.8	-39.5	32	82.556	127.963	1001.5	-27.9
2	82.096	127.323	998.4	-40.5	33	82.636	127.873	998.0	-24.0
3	82.139	126.939	1005.3	-37.8	34	82.667	127.592	991.6	-29.0
4	82.161	126.366	1009.6	-40.6	35	82.684	127.549	999.0	-32.9
5	82.178	125.712	1011.7	-37.0	36	82.724	127.622	1004.5	-28.3
6	82.182	125.259	1011.6	-37.7	37	82.795	127.551	1000.8	-28.3
7	82.168	124.733	1006.5	-40.9	38	82.867	127.463	996.5	-25.1
8	82.097	124.965	993.1	-39.6	39	82.922	127.365	990.7	-27.8
9	82.104	125.078	990.3	-38.8	40	82.958	127.031	990.2	-27.8
10	82.137	124.906	990.2	-36.1*	41	82.966	126.651	1000.5	-33.8
11	82.150	124.775	989.3	-37.7	42	82.974	126.528	1004.7	-35.3
12	82.149	124.754	997.0	-39.2	43	83.015	126.492	1011.4	-27.3
13	82.127	124.804	993.7	-36.3	44	83.052	126.145	1020.3	-25.6
14	82.099	124.997	994.6	-38.7	45	83.077	125.494	1009.1	-23.9
15	82.100	125.307	991.7	-33.5	46	83.088	125.368	1012.0	-33.0
16	82.167	126.132	974.6	-22.8	47	83.069	125.581	1014.5	-35.0
17	82.077	126.409	993.0	-36.9*	48	83.055	125.935	1019.8	-33.5
18	82.108	126.508	987.0	-33.1	49	83.107	126.456	1015.5	-29.8
19	82.069	127.022	1000.8	-38.4	50	83.204	126.632	1007.2	-30.5
20	82.038	127.757	990.7	-29.3	51	83.234	126.213	1001.7	-31.7
21	81.978	127.932	1003.3	-41.8	52	83.130	125.983	977.4	-22.9
22	81.956	127.753	1014.7	-43.3	53	83.049	125.558	976.6	-26.5
23	81.957	127.730	1021.5	-43.8*	54	82.987	125.091	987.8	-33.1
24	81.987	127.595	1019.1	-37.4	55	82.951	125.047	996.6	-39.0
25	81.996	127.573	1018.8	-39.9	56	82.971	125.005	1005.8	-40.4
26	82.008	127.575	1015.8	-41.4	57	82.977	125.088	1012.9	-40.3
27	82.022	127.817	1012.0	-41.5	58	82.992	125.105	1022.0	-40.0
28	82.059	128.091	1006.0	-39.6	59	83.021	125.206	1019.8	-34.9
29	82.194	128.439	995.2	-32.1					

BUOY (3285) 89 Mar					BUOY (3285) 89 Apr				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
60	83.084	125.248	1004.5	-31.2	91	83.608	122.205	1003.8	-33.9
61	83.220	125.229	986.0	-26.7	92	83.644	122.303	999.8	-33.5
62	83.239	125.029	996.7	-36.8	93	83.691	121.850	1001.4	-30.8
63	83.172	125.253	1007.4	-38.3	94	83.698	121.019	999.2	-30.4
64	83.174	125.429	1011.6	-37.5	95	83.617	120.491	999.2	-30.1
65	83.270	125.999	987.8	-26.0	98	83.355	121.489	1007.3	-30.1
66	83.305	126.103	982.2	-36.1	99	83.379	121.701	1012.1	-29.5
67	83.277	126.567	989.6	-38.5	100	83.431	121.843	1002.5	-26.1
68	83.277	126.404	993.0	-42.1	101	83.510	122.066	996.6	-25.1
69	83.269	125.965	1003.0	-41.4	102	83.494	121.894	1007.1	-25.3*
70	83.229	125.918	1006.7	-35.0	103	83.489	121.732	1015.4	-27.7
71	83.239	126.002	1022.9	-38.9	104	83.506	121.474	1032.5	-26.2
72	83.267	125.851	1033.6	-39.1	105	83.472	120.917	1026.9	-23.0
73	83.289	125.594	1034.9	-34.1	106	83.407	119.655	1019.4	-16.4
74	83.332	125.517	1035.2	-32.1	107	83.454	119.438	1037.2	-17.9
75	83.406	125.621	1033.5	-27.2	111	83.505	118.087	1047.7	-13.3
76	83.458	125.872	1033.4	-26.4	112	83.520	117.614	1050.3	-16.1
77	83.509	126.129	1032.1	-27.1	113	83.531	117.321	1049.6	-14.8
78	83.533	126.297	1028.9	-27.7	114	83.526	117.289	1046.4	-15.4
79	83.531	126.371	1036.0	-27.7	115	83.515	117.456	1039.3	-17.6
80	83.561	126.131	1021.4	-25.3	116	83.515	117.981	1027.0	-16.2
81	83.592	125.947	1008.1	-25.7	117	83.499	118.235	1024.1	-14.3
82	83.611	125.657	1004.7	-28.5	118	83.485	118.589	1016.2	-12.0*
83	83.633	125.452	1009.5	-31.3	119	83.483	119.820	1003.7	-6.6
84	83.662	124.844	1001.3	-24.5	120	83.460	120.345	1011.5	-12.3
87	83.635	122.846	988.1	-28.3					
88	83.607	122.483	990.7	-32.6					
89	83.617	122.360	995.8	-35.1					
90	83.615	122.195	994.3	-32.1					

BUOY (3285) 89 May					BUOY (3285) 89 Jun						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
121	1	83.467	120.733	1013.0	-11.2	152	1	84.116	117.701	1000.4	-6.0
122	2	83.478	121.598	1014.6	-9.0	153	2	84.004	117.703	994.1	-0.6
123	3	83.444	121.947	1023.0	-9.1	154	3	83.958	117.374		-3.4
124	4	83.432	122.060	1027.5	-9.6	155	4	83.920	117.192	1001.1	-3.4
125	5	83.439	122.158	1025.4	-9.3	156	5	83.883	117.360	1004.1	-3.5
126	6	83.456	122.356	1022.8	-10.8	157	6	83.837	117.888	1006.3	-2.5*
127	7	83.473	122.626	1024.8	-10.9	158	7	83.819	118.461	1009.8	-2.8
128	8	83.495	122.793	1026.5	-11.8	159	8	83.815	119.206	1006.9	-2.2*
129	9	83.526	123.160	1027.3	-11.6	160	9	83.780	119.735	1010.9	-0.8
130	10	83.567	123.357	1030.1	-12.8	161	10	83.793	120.165	1009.8	-1.2*
131	11	83.609	123.413	1027.9	-13.5	162	11	83.828	120.504		-2.1*
132	12	83.670	123.184	1027.0	-12.6	163	12	83.895	120.412	1007.0	-2.8
133	13	83.755	122.961	1020.8	-11.1	164	13	83.894	119.201	991.1	-1.6
134	14	83.866	122.649	1014.5	-10.1	165	14	83.945	118.458	997.6	-1.2
135	15	83.958	122.327	1017.4	-9.5	166	15	83.976	118.203	997.1	-2.7
136	16	84.021	122.155	1018.1	-9.7	167	16	83.923	118.132	996.9	-2.0*
137	17	84.086	122.061	1019.9	-11.2	168	17	83.887	118.505	992.2	0.0*
138	18	84.150	121.715	1023.2	-11.4	169	18	83.880	118.260	991.8	-1.3
139	19	84.196	121.223	1024.2	-11.2	170	19	83.839	118.303	989.0	0.1
140	20	84.228	120.612	1026.9	-10.6	171	20	83.794	118.763	989.7	0.7
141	21	84.255	120.008	1026.4	-11.3	172	21	83.786	119.025	991.5	0.1
142	22	84.271	119.467	1022.6	-11.4	173	22	83.763	119.306	993.7	-1.8
143	23	84.279	118.893	1019.7	-11.1	174	23	83.784	119.424	1000.3	0.1
144	24	84.252	118.128	1014.4	-9.4	175	24	83.878	119.015	1003.9	1.2
145	25	84.189	117.513	1009.6	-8.0	176	25	83.920	118.789	1007.7	0.2*
146	26	84.121	117.494	1002.5	-8.6	177	26	83.938	118.619	1010.2	-0.1*
147	27	84.068	117.859	1000.1	-10.1	178	27	83.940	118.251	1005.2	-1.4
148	28	84.106	118.273	998.5	-9.3	179	28	83.884	118.170	1005.2	-0.7
149	29	84.199	117.918	1003.3	-7.3	180	29	83.881	117.958	1009.2	-1.7
150	30	84.248	117.201	1007.4	-7.8	181	30	83.879	117.721	1015.4	0.6
151	31	84.206	117.447	1004.7	-6.9						

BUOY (3285) 89 Jul					BUOY (3285) 89 Aug						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
182	1	83.865	117.627	1018.3	1.3*	213	1	82.852	123.455	992.5	0.9
183	2	83.849	118.010	1008.8	1.3	214	2	82.835	123.471	1000.1	1.7
184	3	83.859	118.579	992.2	0.7	215	3	82.817	123.174	1005.6	0.2
185	4	83.776	118.399	995.4	0.4*	216	4	82.869	123.163	1011.9	0.0*
186	5	83.721	118.655	995.7	0.4*	217	5	82.878	123.173	1017.6	-0.3
187	6	83.749	119.194	993.5	0.7	218	6	82.856	123.150	1019.0	-1.1
188	7	83.762	119.498	991.6	0.7	219	7	82.839	123.687	1005.9	-1.0*
189	8	83.746	120.605	996.7	0.6	220	8	82.811	123.929	1005.5	0.4
190	9	83.729	121.565		0.9	221	9	82.838	123.890	1014.8	0.9
191	10	83.717	121.881	1007.3	1.4	222	10	82.867	123.839	1018.8	0.1*
192	11	83.672	122.135		0.5	223	11	82.843	123.513	1017.3	0.2
193	12	83.580	122.468	1007.9	0.2	224	12	82.782	123.502	1016.3	-0.2
194	13	83.492	122.818	1005.0	0.7	225	13	82.751	123.672	1019.5	0.5
195	14	83.377	122.621	1011.4	0.0	226	14	82.746	124.058	1023.0	-1.0
196	15	83.309	122.188	1014.1	-0.5*	227	15	82.840	124.167	1018.5	0.6
197	16	83.218	122.103	1010.4	0.1	228	16	83.028	124.395	1005.7	0.5
198	17	83.135	121.910	1013.2	0.6	229	17	83.167	124.806	998.6	0.9
199	18	83.031	122.120	1008.4	0.7	230	18	83.201	124.987	999.2	-0.7
200	19	82.909	122.247	1008.7	0.3	231	19	83.153	124.835	1002.1	-1.7
201	20	82.899	122.743	993.2	1.2	232	20	83.140	124.270	1006.4	-2.4
202	21	82.870	122.658	997.6	0.9	233	21	83.077	124.112	1011.3	-4.1
203	22	82.756	122.489	1002.4	0.6*	234	22	83.019	124.613	1005.6	-1.2
204	23	82.727	122.224	1006.6	-1.3	235	23	82.993	125.665	1000.4	-1.2
205	24	82.671	122.429	1001.5	0.3	236	24	82.970	125.911	1002.5	-3.6
206	25	82.714	122.592	990.0	0.6	237	25	83.028	125.965	1003.2	-1.3
207	26	82.772	122.309	988.1	-0.1	238	26	83.064	125.485	1004.3	-1.0
208	27	82.714	122.715	992.9	-0.2	239	27	83.126	125.558	1013.6	-0.8
209	28	82.789	123.287	995.5	0.1	240	28	83.290	125.710	1016.2	-2.8
210	29	82.850	123.602	998.2	-1.3*	241	29	83.430	126.118	1021.6	-2.6
211	30	82.894	123.396	991.2	0.8	242	30	83.558	126.229	1016.5	-3.3
212	31	82.853	122.910	982.6	0.5	243	31	83.637	126.312	1011.3	-2.2

BUOY (3285) 89 Sep					BUOY (3285) 89 Oct						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
244	1	83.626	126.086	1003.5	-2.3	274	1	84.270	131.869	991.2	-9.4
245	2	83.598	124.974	983.9	-1.4	275	2	84.277	132.433	995.8	-12.6*
246	3	83.661	125.259	989.3	-5.3	276	3	84.314	131.851	1004.7	-13.7
247	4	83.661	124.951	988.2	-4.6	277	4	84.295	131.329	1011.7	-12.9
248	5	83.638	125.003	987.8	-3.4	278	5	84.242	130.914	1014.5	-12.2
249	6	83.622	125.094	990.1	-5.3	279	6	84.229	130.311	1017.5	-19.8
250	7	83.601	125.620	998.4	-10.2	280	7	84.227	129.888	1022.4	-22.4
251	8	83.640	125.626	997.6	-2.4	281	8	84.132	128.886	1016.3	-14.1
252	9	83.721	125.839	994.3	0.3	282	9	84.077	127.458	1022.5	-10.6
253	10	83.847	126.224	988.5	-0.3	283	10	84.050	126.675	1021.5	-13.0
254	11	83.884	126.446	991.5	-1.3	284	11	83.981	126.741	1018.5	-15.5
255	12	83.830	126.945	1006.1	-8.1	285	12	83.903	127.387	1014.4	-12.3
256	13	83.794	127.285	1015.8	-7.0*	286	13	83.864	127.505	1019.0	-15.5
257	14	83.773	127.765	1023.7	-7.5	287	14	83.813	127.865		
258	15	83.768	128.038	1032.6	-8.5	288	15	83.726	128.599	1009.3	-15.2*
259	16	83.765	128.153	1036.5	-5.0	289	16	83.697	128.790		-22.2*
260	17	83.768	128.360	1034.4	-9.8	290	17	83.689	128.655	1013.9	-30.5
261	18	83.787	128.227	1030.7	-11.3	291	18	83.707	128.827	1011.5	-29.4
262	19	83.824	128.721	1024.2	-8.6	292	19	83.724	128.602		-32.4*
263	20	83.865	129.793	1018.7	-6.3	293	20	83.739	128.450	1019.9	-30.8
264	21	83.905	129.987	1012.0	-3.2	294	21	83.767	128.760	1018.3	-24.2
265	22	83.963	130.182	1008.1	-3.9	295	22	83.817	129.208	1016.0	-23.2
266	23	83.985	130.157	1005.8	-5.7	296	23	83.914	129.166	1008.5	-23.0
268	25	83.909	129.800	1014.0	-9.7	297	24	84.077	128.165	999.0	-19.7
269	26	83.952	130.188	1004.6	-9.5	298	25	84.171	127.102	987.5	-17.2
270	27	84.145	131.350	981.0	-3.0	299	26	84.193	126.736	988.0	-24.9*
271	28	84.132	131.734	977.4	-5.3	300	27	84.138	127.498	1013.2	-26.8
272	29	84.252	131.914	979.5	-5.4	301	28	84.131	127.542	1025.9	-25.0
273	30	84.327	131.370	989.1	-8.7	302	29	84.216	127.618	1020.6	-18.6
						303	30	84.287	127.885	1017.2	-15.0
						304	31	84.332	127.694	1015.8	-22.2

BUOY (3285) 89 Nov					BUOY (3285) 89 Dec						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
305	1	84.346	127.335	1017.5	-30.0	335	1	84.531	131.672	984.1	-20.6
306	2	84.338	127.465	1020.5	-28.2	336	2	84.623	131.924	995.8	-26.3
307	3	84.340	127.943	1014.2	-20.9	337	3	84.748	131.408	1004.5	-29.3
308	4	84.356	128.467	1015.2	-17.1	338	4	84.802	131.145	1019.5	-30.4
309	5	84.372	128.844	1017.9	-18.4	339	5	84.882	130.677	1019.1	-28.5
310	6	84.349	129.699	1019.1	-17.1	340	6	84.941	130.469	1029.1	-30.2
311	7	84.360	131.349	1006.4	-15.5	341	7	84.978	129.986	1030.8	-25.9
312	8	84.288	133.105	996.4	-24.2	342	8	85.002	129.191	1018.7	-22.4
313	9	84.153	132.781	1001.9	-31.5	343	9	85.008	129.020	1028.2	-26.6
314	10	84.136	132.896	1004.4	-32.9	344	10	85.025	128.815	1029.5	-24.5
315	11	84.145	132.209	1007.8	-33.9	345	11	85.059	128.434	1025.1	-25.9
316	12	84.159	131.915	1019.0	-37.6	346	12	85.081	128.358	1032.7	-29.6
317	13	84.154	131.386	1013.9	-27.6	347	13	85.100	127.925	1031.9	-27.5
318	14	84.194	130.888	1026.9	-31.4	348	14	85.120	127.595	1037.6	-30.3
319	15	84.216	130.661	1032.6	-29.5	349	15	85.145	127.047	1038.3	-29.4
320	16	84.232	130.417	1035.6	-33.8	350	16	85.166	126.267	1031.3	-29.5
321	17	84.276	129.984	1025.8	-28.1	351	17	85.207	125.511	1024.0	-26.9
322	18	84.338	129.761	1033.4	-32.5*	352	18	85.231	125.124	1020.3	-35.4
323	19	84.368	129.634	1031.7	-33.6*	353	19	85.255	124.816	1008.2	-34.8
325	21	84.393	129.376	1028.9	-36.9*	354	20	85.249	124.961	1014.5	-36.3
326	22	84.400	129.224	1026.8	-37.6*	355	21	85.260	124.960	1023.2	-40.5
327	23	84.411	128.993	1018.0	-39.9	356	22	85.283	125.210	1015.3	-32.2
328	24	84.430	129.413		-37.6*	357	23	85.394	126.262	996.8	-20.2
329	25	84.455	129.886	1022.5	-37.4	358	24	85.493	127.669	994.4	-23.3
330	26	84.469	129.810	1015.6	-37.0	359	25	85.533	128.047	1004.1	-31.8
331	27	84.469	129.838	1010.4	-37.4	360	26	85.507	128.278	1008.3	-28.0
332	28	84.471	129.860	1000.1	-39.3*	361	27	85.467	128.943	1012.3	-20.6
333	29	84.460	129.709	992.0	-37.0	362	28	85.448	129.689	1013.7	-24.2
334	30	84.486	130.228	974.1	-21.1	363	29	85.467	130.044	1017.9	-28.0
						364	30	85.495	130.209	1023.9	-33.7
						365	31	85.534	130.398	1033.1	-36.4

BUOY (3286) 89 Jan					BUOY (3286) 89 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	87.133	130.381	994.9	-32.7	32	1	87.663	116.344	1005.4	-31.6
2	2	87.163	130.648	1001.6	-40.0	33	2	87.711	115.315	994.6	-31.9
3	3	87.213	130.061	1014.3	-40.7	34	3	87.734	114.324	993.4	-28.7
4	4	87.247	128.727	1016.6	-32.2	35	4	87.739	114.040	992.4	-36.6
5	5	87.267	127.309	1019.3	-33.2	36	5	87.782	113.758	995.6	-32.6
6	6	87.269	126.313	1017.3	-37.3	37	6	87.858	112.883	996.3	-28.5
7	7	87.264	124.989	1005.4	-28.4	38	7	87.954	111.692	988.5	-25.6
8	8	87.259	122.573	985.7	-21.3*	39	8	88.022	110.759	991.8	-24.8
9	9	87.274	121.121	986.2	-32.9	40	9	88.046	108.979	999.4	-29.1
10	10	87.305	120.456	993.8	-40.5*	41	10	88.020	107.509	1005.5	-25.9
11	11	87.306	120.127	992.7	-32.7	42	11	88.024	107.370	1006.1	-30.3
12	12	87.295	119.989	999.4	-35.3	43	12	88.065	107.258	1009.8	-36.0
13	13	87.252	120.379	989.9	-36.5	44	13	88.103	106.822	1017.6	-27.2
14	14	87.237	120.615	993.6	-40.7	45	14	88.123	105.328	1022.1	-28.1
15	15	87.291	121.799	975.8	-24.1	46	15	88.117	102.776	1003.7	-27.8
16	16	87.299	120.269	977.8	-29.7	47	16	88.114	101.829	1003.2	-31.8
17	17	87.210	119.681	988.9	-42.8	48	17	88.149	102.380	998.8	-28.1
18	18	87.211	119.330	988.6	-27.4*	49	18	88.257	103.072	998.3	-24.4
19	19	87.180	119.348	991.8	-41.3	50	19	88.322	102.051	998.3	-27.1
20	20	87.156	118.979	991.1	-43.4	51	20	88.340	100.445	1004.3	-32.0
21	21	87.132	117.899	1003.9	-44.2	52	21	88.275	99.068	987.8	-27.8
22	22	87.116	116.559	1015.9	-45.6*	53	22	88.191	96.720	989.9	-28.6
23	23	87.109	115.747	1020.7		54	23	88.176	94.906	997.1	-35.6
24	24	87.101	115.445	1020.8	-41.4*	55	24	88.160	94.249	1000.6	-36.6
25	25	87.109	115.452	1017.3	-40.5	56	25	88.161	94.067	999.0	-39.3
26	26	87.148	116.629	1004.8	-34.6	57	26	88.152	94.223	1004.9	-44.0
29	29	87.377	119.586	987.5	-33.6	58	27	88.160	94.521	1013.3	-41.1
30	30	87.498	118.980	997.3	-27.4	59	28	88.215	94.864	1009.1	-35.7
31	31	87.592	118.297	1017.0	-32.9						

BUOY (3286) 89 Mar					BUOY (3286) 89 Apr						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
60	1	88.246	93.541	1003.5	-35.2	91	1	88.218	66.119	992.1	-28.7
61	2	88.243	90.984	996.3	-34.7	92	2	88.255	63.233	1000.1	-28.6
62	3	88.238	89.576	1001.3	-38.4	93	3	88.240	61.219	1014.6	-33.7*
63	4	88.213	88.795	1003.7	-40.5	94	4	88.207	60.323	1012.1	-34.2
64	5	88.215	88.356	992.1	-33.7	95	5	88.165	59.910	1013.2	-34.7
65	6	88.294	86.864	980.7	-29.2	98	8	87.943	63.667	997.6	-28.8
66	7	88.269	84.789	987.1	-36.4	99	9	87.960	63.373	1002.1	-30.5
67	8	88.206	84.292	986.6	-36.4	100	10	87.962	61.831	1003.6	-32.2
68	9	88.185	83.172	997.3	-42.8	101	11	87.828	60.913	1010.9	-33.2
69	10	88.152	82.116	1012.1	-42.9	102	12	87.785	60.522	1012.4	-33.8
70	11	88.132	81.799	1009.6	-43.3	103	13	87.753	60.569	1019.4	-31.5
71	12	88.164	81.787	1018.2	-40.8	104	14	87.798	60.116	1030.9	-29.3*
72	13	88.200	81.413	1027.4	-38.7	105	15	87.852	59.615	1033.6	-25.6
73	14	88.214	80.568	1026.6	-34.0	106	16	87.847	58.856	1028.3	-22.6
74	15	88.264	79.947	1023.5	-31.8	107	17	87.847	57.849	1031.8	-18.2
75	16	88.343	78.952	1019.3	-27.3	108	18	87.863	56.995	1040.2	-23.3
76	17	88.409	79.073	1012.1	-24.5	109	19	87.841	56.306	1039.3	-19.7
77	18	88.484	79.755	1018.4	-25.3	110	20	87.832	55.995	1046.6	-22.2
78	19	88.510	79.539	1014.6	-25.5	111	21	87.821	55.821		-19.7*
79	20	88.519	80.001	1019.8	-21.6	112	22	87.822	55.146	1051.0	-16.7
80	21	88.523	79.617	1019.0	-26.9	113	23	87.846	53.672	1045.2	-18.9
81	22	88.515	77.872	1010.4	-28.8	114	24	87.881	53.762	1038.8	-13.4
82	23	88.486	76.185	1013.4	-34.8	115	25	87.919	54.342	1027.0	-14.4
83	24	88.455	74.483	1012.6	-31.7	116	26	87.940	54.927	1020.2	-10.6
84	25	88.441	72.646	1015.2	-32.3	117	27	87.923	55.055	1023.8	-18.9*
85	26	88.406	70.448	1017.6	-29.6	118	28	87.931	54.037	1000.2	-15.6
86	27	88.351	69.385	1009.8	-30.9	119	29	87.850	53.013	1000.6	-18.8
87	28	88.314	68.604	1004.0	-33.3	120	30	87.840	54.143	1004.5	-14.4
88	29	88.255	67.414	1001.1	-30.5						
89	30	88.220	66.619	1001.3	-27.5						
90	31	88.208	65.995	1005.0	-30.6						

BUOY (3286) 89 May					BUOY (3286) 89 Jun						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
121	1	87.866	54.965	1005.1	-15.4	152	1	87.376	30.279	1007.3	-1.3
122	2	87.862	54.730	1011.7	-13.9	153	2	87.307	30.559	1003.0	-2.4
123	3	87.887	56.009	1013.4	-7.8	154	3	87.235	30.070	1006.6	-0.1
124	4	87.937	57.740	1017.2	-6.9*	155	4	87.144	29.643	1009.3	-2.9
125	5	87.979	58.135	1018.6	-10.5	156	5	87.071	29.888		-2.7*
126	6	88.037	58.118	1012.4	-9.5	157	6	86.989	30.259	1007.8	-2.4
127	7	88.088	58.270	1015.2	-3.2	158	7	86.919	31.302	1005.9	-1.3
128	8	88.128	57.997	1015.4	-6.6	159	8	86.897	31.496	1004.5	-0.4*
129	9	88.176	57.770	1014.8	-4.9	160	9	86.864	31.473	1005.2	-1.4
130	10	88.222	57.094	1020.4	-7.1	161	10	86.786	31.169	1009.5	-3.8
131	11	88.274	56.152	1021.0	-10.4	162	11	86.720	31.315	1010.0	-2.5
132	12	88.300	54.495	1024.6	-12.8*	163	12	86.673	32.056	1006.4	-0.3
133	13	88.290	51.967	1020.0	-14.5	164	13	86.614	32.182	1006.9	0.0
134	14	88.263	48.675	1016.7	-12.4	165	14	86.600	32.602	1000.8	-2.0
135	15	88.232	46.274	1012.5	-9.6*	166	15	86.583	32.279	1001.9	-1.6
136	16	88.229	44.183	1008.4	-6.6	167	16	86.532	32.788	998.1	-2.0
137	17	88.251	41.779	1009.9	-6.4	168	17	86.485	32.935	994.5	-1.7
138	18	88.273	39.324	1017.7	-9.6	169	18	86.417	33.205	997.7	-1.1
139	19	88.264	37.897	1022.8	-12.1	170	19	86.357	34.101	992.6	0.3
140	20	88.243	36.795	1027.3	-12.2	171	20	86.331	35.043	989.2	-0.1
141	21	88.220	35.732	1028.1	-12.3	172	21	86.243	34.986	995.1	-1.1
142	22	88.192	34.972	1025.0	-12.6	173	22	86.191	34.778	988.5	-0.5
143	23	88.169	34.519	1022.6	-13.0	174	23	86.197	34.596	993.2	-1.7*
144	24	88.136	34.205	1023.4	-12.4	175	24	86.198	33.650	1006.7	-2.2
145	25	88.081	33.833	1017.9	-12.7	176	25	86.164	32.720	1006.0	-0.8
146	26	88.004	33.482	1005.6	-10.1	177	26	86.149	32.301	1005.2	-0.3
147	27	87.901	33.193	999.0	-7.6	178	27	86.150	31.725	1006.8	0.0*
148	28	87.760	33.045	997.8	-7.0*	179	28	86.132	31.399	1009.2	0.7*
149	29	87.649	31.634	1007.6	-8.8	180	29	86.115	31.248	1009.7	0.0
150	30	87.576	30.427	1014.6	-9.0*	181	30	86.121	31.564	1011.7	-0.5
151	31	87.480	30.725	1005.0	-3.2						

BUOY (3286) 89 Jul					BUOY (3286) 89 Aug						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
182	1	86.183	31.676	1003.2	-1.4*	213	1	85.384	29.210	993.8	-0.4
183	2	86.241	31.820	994.1	0.3*	214	2	85.307	29.499	999.2	-0.2
184	3	86.189	32.272	999.0	-2.3*	215	3	85.272	29.139	1002.0	-1.1
185	4	86.191	32.340	994.9	0.3	216	4	85.247	28.332	1012.1	-0.5
186	5	86.166	31.848	995.1	-0.9	217	5	85.216	28.192	1017.0	0.0
187	6	86.123	31.928	992.9	0.4	218	6	85.264	28.144	1003.0	-0.1
188	7	86.099	31.929	985.7	0.2	219	7	85.238	28.686	1006.8	-0.7
189	8	86.072	32.103	985.6	-0.2	220	8	85.241	29.306	1007.2	0.8
190	9	86.046	32.147	996.3	0.3	221	9	85.225	29.594	1012.5	-1.3
191	10	86.059	32.244	1001.6	0.4	222	10	85.173	29.178	1017.0	-2.1
192	11	86.049	32.791	1006.1	0.1	223	11	85.113	28.625	1018.8	-1.9
193	12	86.037	33.237	1005.2	0.7	224	12	85.079	28.130	1016.9	-2.3
194	13	86.030	33.895	1009.1	0.7	225	13	85.053	27.797	1012.1	-0.2
195	14	86.020	33.719	1014.7	0.9	226	14	85.029	26.979	1006.4	0.2
196	15	86.018	32.753	1018.1	-0.7	227	15	85.023	25.526	1006.8	0.0
197	16	86.021	32.392	1018.6	1.4	228	16	84.988	24.404	1001.4	-0.5
198	17	86.002	32.316	1018.2	0.6	229	17	84.947	24.367	993.4	-1.6
199	18	85.996	32.292	1010.9	1.3	230	18	84.939	24.774	994.2	-1.1
200	19	86.015	32.276	998.1	1.2	231	19	84.951	25.468	1002.2	-3.7
201	20	85.980	32.466	998.0	0.8	232	20	84.947	25.789	1009.2	-3.2
202	21	85.933	32.790	1004.8	0.5*	233	21	84.954	26.251	1007.3	-1.9
203	22	85.903	32.852	1006.5	-0.1	234	22	84.921	27.151	1000.5	-0.7
204	23	85.928	32.505	1000.1	-0.7	235	23	84.843	27.406	1004.9	-0.3
205	24	85.945	33.267	995.9	-0.9	236	24	84.777	27.709	1003.9	-1.0
206	25	85.978	33.042	994.1	-1.2	237	25	84.622	27.773	1000.5	-2.7
207	26	85.849	31.975	997.4	-0.3	238	26	84.523	26.890	1004.8	-3.2
208	27	85.787	31.580	991.9	0.5	239	27	84.503	26.337	1005.1	-3.5
209	28	85.730	31.130	994.3	0.0	240	28	84.471	25.540	992.4	-3.4
210	29	85.657	30.390	1000.7	-1.0	241	29	84.620	24.269	1007.0	-3.9
211	30	85.600	29.256	1002.3	-1.3	242	30	84.579	24.055	997.5	-2.8
212	31	85.491	28.829	997.9	-1.3	243	31	84.552	23.124	999.1	-1.6*

BUOY (3286)		LAT	LON	P	T	BUOY (3286)		LAT	LON	P	T
89 Sep		(N)	(+E, -W)	(MB)	(C)	89 Oct		(N)	(+E, -W)	(MB)	(C)
244	1	84.510	21.932			278	5	83.538	26.130		
245	2	84.494	21.676			279	6	83.507	25.975		
246	3	84.436	22.031			296	23	83.467	21.028		
247	4	84.405	22.603								
248	5	84.373	23.130								
249	6	84.287	22.964								
250	7	84.262	22.781								
251	8	84.217	22.752								
252	9	84.165	22.723								
253	10	84.100	23.159								
254	11	84.019	24.128								
255	12	83.988	24.566								
256	13	84.003	24.558								
257	14	84.054	24.632								
258	15	84.093	24.500								
259	16	84.153	24.241								
260	17	84.245	23.335								
261	18	84.281	22.699								
262	19	84.231	22.554								
263	20	84.148	22.588								
264	21	84.120	22.623								
265	22	84.101	22.437								
266	23	84.075	22.251								

BUOY (3287) 89 Jan					BUOY (3287) 89 Feb						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
1	1	82.632	71.560	999.7	-28.4	32	1	83.026	64.718	997.5	-34.5
2	2	82.658	71.557	984.9	-20.8	33	2	83.018	64.415	993.4	-40.8
3	3	82.768	70.549	989.4	-27.3	34	3	83.000	64.099	992.0	-40.2
4	4	82.855	68.864	1009.7	-34.3	35	4	82.997	64.073	986.2	-37.1
5	5	82.838	68.111	1013.0	-37.5	36	5	83.005	63.840	979.6	-24.0
6	6	82.808	67.778	1014.8	-37.2	37	6	83.019	63.421	981.0	-25.1
7	7	82.767	67.476	1011.8	-37.8	38	7	83.030	63.054		-28.5
8	8	82.693	67.532	988.4	-36.1	39	8	83.037	62.982	987.2	-36.9
9	9	82.657	67.483	985.0	-33.8	40	9	83.000	62.763	993.0	-31.0
10	10	82.656	67.452	985.4	-39.3	41	10	82.984	62.733	1011.4	-30.1
11	11	82.655	67.466	995.7	-38.5	42	11	82.966	62.782	1004.9	-31.0
12	12	82.647	67.453	1001.7	-37.4	43	12	83.026	62.298	997.7	-27.3
13	13	82.634	67.660	1004.7	-34.3	44	13	83.073	61.497	1003.2	-31.1
14	14	82.629	68.063	997.2	-21.7	45	14	83.084	60.451	1008.1	-31.4
15	15	82.688	68.593		-11.5	46	15	83.040	59.703	1006.1	-34.0
16	16	82.633	68.991	991.6	-27.1	47	16	83.031	59.266	998.0	-30.0
17	17	82.609	68.809	992.5	-36.9	48	17	83.138	58.458	982.3	-19.7
18	18	82.575	68.923	1003.5	-39.9	49	18	83.248	57.749	982.9	-14.3*
19	19	82.583	69.421	999.2	-25.0	50	19	83.261	57.133	987.8	-17.9
20	20	82.616	69.891	992.4	-19.0	51	20	83.239	56.669	996.0	-27.7
21	21	82.605	68.881	1003.9	-30.3*	52	21	83.191	56.335	1001.1	-30.9
22	22	82.602	68.491	1013.6	-35.8	53	22	83.112	56.446	999.4	-28.6
23	23	82.597	68.064	1014.7	-33.3*	54	23	83.077	56.658	1000.6	-30.9
24	24	82.588	67.998	1018.1	-42.0	55	24	83.066	56.558	1002.7	-37.8
25	25	82.592	68.029	1017.6	-43.0*	56	25	83.062	56.525	1006.6	-40.1
26	26	82.674	68.128	1003.0	-30.7	57	26	83.058	56.572	1012.7	-41.1
27	27	82.822	68.038	988.1	-27.3	58	27	83.081	56.509	1008.5	-34.7
28	28	82.914	67.636	976.0	-22.9	59	28	83.117	56.262	997.3	-27.1
29	29	82.971	67.214		-23.9						
30	30	83.007	66.691	980.9	-22.4						
31	31	83.045	65.674	997.6	-31.1						

BUOY (3287) 89 Mar					BUOY (3287) 89 Apr						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
60	1	83.100	55.893	993.5	-31.2	91	1	83.143	50.630	994.9	-21.1
61	2	83.051	55.958	1007.1	-37.9	92	2	83.051	51.420	997.9	-25.5
62	3	83.048	56.097	1013.3	-35.8*	93	3	83.013	50.835	1010.3	-29.0
63	4	83.046	56.059	1009.9	-32.1	94	4	82.990	50.637	1016.0	-29.8
64	5	83.148	56.348	983.3	-20.0*	95	5	82.958	50.563	1021.5	-31.6
65	6	83.045	57.760	998.2	-31.7	96	6	82.950	50.532	1013.0	-27.4*
66	7	82.924	58.844	1001.3	-34.5	97	7	82.914	50.404	1012.6	-29.5
67	8	82.919	58.921	997.0	-40.6	98	8	82.894	50.671	1010.1	-27.4
68	9	82.891	58.967	1006.6	-37.4	99	9	82.911	50.626	996.8	-23.5
69	10	82.858	59.096	1015.4	-36.6	100	10	82.810	50.517	1009.5	-29.9
70	11	82.896	58.711	1003.1	-35.9	101	11	82.783	50.772	1016.9	-23.1
71	12	82.989	57.692		-30.7	102	12	82.793	51.353		-13.5
72	13	83.092	56.507	1011.6	-30.7	103	13	82.812	50.764	1011.4	-21.4
73	14	83.130	55.472	1009.2	-24.0	104	14	82.909	49.816	1023.4	-22.6
74	15	83.206	54.597	1008.3	-18.9	105	15	82.962	49.469	1030.0	-18.7
75	16	83.310	53.579	1003.2	-20.2	106	16	82.965	49.421	1025.7	-11.7
76	17	83.401	53.109	1008.7	-15.2	107	17	82.945	49.098	1026.3	-15.3
77	18	83.479	52.682	1009.8	-16.6	108	18	82.977	48.307	1033.7	-18.6
78	19	83.502	52.413	1014.2	-15.4	109	19	82.952	47.850	1034.7	-19.2*
79	20	83.509	52.359	1019.7	-21.5	110	20	82.934	47.312	1043.7	-19.6
80	21	83.503	52.110	1015.1	-25.5	111	21	82.921	46.872	1047.8	-20.1
81	22	83.470	51.813	1007.9	-27.2	112	22	82.890	46.509	1041.9	-20.2
82	23	83.427	51.467	1010.3	-28.8	113	23	82.895	45.910	1036.3	-13.8
83	24	83.370	51.215	1007.5	-32.7	114	24	82.940	45.684	1036.9	-11.3
84	25	83.348	51.016	1013.2	-32.4	115	25	82.994	45.707	1029.6	-8.8
87	28	83.188	50.551	1009.0	-29.8*	116	26	83.013	46.083	1024.9	-8.3
88	29	83.167	50.502	1006.9	-31.3*	117	27	83.014	46.291	1023.3	-6.2
89	30	83.142	50.313	1001.1	-29.7	118	28	83.130	46.571	1000.4	-3.5
90	31	83.119	50.243	1010.6	-31.2	119	29	83.073	47.376	1010.9	-15.2*
						120	30	83.067	47.873	1013.4	-12.7*

BUOY (3287) 89 May					BUOY (3287) 89 Jun						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
121	1	83.067	47.423	1003.3	-12.0	152	1	82.777	36.363	1007.6	-2.7
122	2	83.079	47.949	1017.0	-8.8	153	2	82.731	36.299	1008.2	-2.3
123	3	83.117	48.443	1019.1	-5.5	154	3	82.681	36.418	1007.5	-2.1
124	4	83.176	48.651	1018.3	-7.3	155	4	82.605	36.539	1011.0	-0.5
125	5	83.239	48.233	1012.7	-8.7	156	5	82.548	36.779	1013.5	-0.7*
126	6	83.303	48.027	1010.7	-0.6	157	6	82.493	37.279	1015.8	-1.1
127	7	83.358	47.950	1012.3	-1.0*	158	7	82.469	37.533	1013.3	0.5
128	8	83.394	47.712	1013.3	-2.7*	159	8	82.501	37.801	1003.6	0.3
129	9	83.437	47.379	1008.8	-3.6	160	9	82.503	37.642	1007.3	0.2
130	10	83.492	46.796	1014.5	-6.7*	161	10	82.428	37.795	1012.3	-1.6
131	11	83.537	46.217	1013.8	-7.8	163	12	82.303	38.526	1018.3	-2.2*
132	12	83.567	45.419	1015.8	-9.8	164	13	82.212	39.273	1011.6	-1.2
133	13	83.544	44.565	1011.3	-12.2	165	14	82.179	39.551	1002.6	1.2
134	14	83.480	44.069	1011.8	-9.8	166	15	82.153	39.892	1006.1	0.9
135	15	83.449	44.006	1011.1	-8.0	167	16	82.136	40.052	996.4	-0.1
136	16	83.439	43.566	1002.4	-6.4	168	17	82.090	39.848	1001.1	-0.9
137	17	83.435	42.907	999.5	-3.6	169	18	82.001	40.274	1007.0	0.1
138	18	83.464	41.987	1007.9	-4.0	170	19	81.994	40.608	1001.0	-0.5
139	19	83.463	41.135	1016.0	-4.9	171	20	81.997	40.693	997.2	0.6
140	20	83.443	40.515	1022.9	-7.8	172	21	81.948	40.612	1001.4	-1.2
141	21	83.412	40.019	1026.8	-10.8	173	22	81.878	40.651	996.4	-0.6
142	22	83.380	39.563	1023.7	-10.6	174	23	81.837	40.614	994.5	0.5
143	23	83.368	39.262	1022.7	-10.1	175	24	81.786	40.590	1003.6	0.2*
144	24	83.344	38.934	1021.7	-7.7	176	25	81.794	40.451	1003.1	-0.4
145	25	83.316	38.342	1012.2	-4.1*	177	26	81.834	40.143	1001.1	1.0
146	26	83.316	37.441	1001.3	-4.1	178	27	81.817	39.948	1003.7	0.7
147	27	83.258	36.866	1001.8	-8.1	179	28	81.763	39.891	1010.1	0.0*
148	28	83.156	36.681	999.2	-6.6	180	29	81.746	39.662	1009.2	-1.0
149	29	83.027	36.379	1004.4	-7.0	181	30	81.749	39.388	1014.6	-1.1
150	30	82.952	36.095	1012.3	-6.8						
151	31	82.889	35.909	1013.7	-7.7						

BUOY (3287) 89 Jul					BUOY (3287) 89 Aug						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
182	1	81.845	39.175	1001.0	0.5	213	1	81.475	44.951	1000.4	-0.1
183	2	81.904	39.707	1000.3	1.0*	214	2	81.477	45.035	1006.8	-0.4*
184	3	81.850	40.118	1005.9	0.6	215	3	81.515	45.010	993.5	1.1
185	4	81.857	40.456	995.0	0.8	216	4	81.500	44.652	1011.8	1.1
186	5	81.757	40.445	996.6	0.0	217	5	81.501	44.634	1021.9	1.2
187	6	81.643	40.560		-0.4*	218	6	81.579	44.919	1009.5	1.0
188	7	81.565	41.091	994.7	1.0	219	7	81.595	45.322	1015.2	0.9
189	8	81.543	41.640	996.5	0.7	220	8	81.626	45.438	1012.0	1.1
190	9	81.563	41.791	1000.4	0.9	221	9	81.629	45.519	1016.1	1.2
191	10	81.570	41.905	1007.1	0.9	222	10	81.620	45.526	1017.2	0.8
192	11	81.577	41.988	1014.3	0.6	223	11	81.591	45.437	1017.0	-1.1
193	12	81.624	42.351	1012.4	0.8	224	12	81.556	45.147	1011.9	-0.3
194	13	81.678	42.778	1013.1	0.7	225	13	81.504	44.577	1005.1	0.5
195	14	81.706	43.004	1014.6	1.3	226	14	81.493	43.947	993.4	1.0
196	15	81.729	42.964	1015.8	1.2	227	15	81.526	43.276	994.6	0.9
197	16	81.758	42.840	1016.5	1.0	228	16	81.501	42.451	994.7	0.8*
198	17	81.784	42.730	1016.1	1.6	229	17	81.468	42.308	999.8	-1.0*
199	18	81.811	42.492	1010.0	1.5	230	18	81.467	42.626	999.9	0.1*
200	19	81.863	42.577	999.1	1.1	231	19	81.445	42.644	1005.3	-1.1*
201	20	81.829	43.180	1007.8	1.1	232	20	81.407	42.370	1010.9	-3.2
202	21	81.839	43.655	1011.2	0.7	233	21	81.390	42.356	1012.7	-1.0
203	22	81.832	44.011	1013.2	1.3	234	22	81.356	42.646	1009.6	-0.4
204	23	81.859	44.237	1005.2	0.7	235	23	81.266	42.897	1008.0	0.3
205	24	81.829	44.365	1003.9	0.4	236	24	81.191	43.061	1005.1	-0.4
206	25	81.804	44.937	992.1	-0.2	237	25	81.112	43.126	1001.5	-1.7
207	26	81.712	45.160	995.2	-0.5	238	26	81.043	43.097	998.5	-4.4
208	27	81.688	45.187	996.0	0.6	239	27	81.003	42.674	1001.0	-4.1
209	28	81.683	45.312	992.5	0.8	240	28	80.996	42.652	996.7	-4.5
210	29	81.681	45.301	998.6	0.0	241	29	81.071	42.924	1005.0	-3.6
211	30	81.637	44.951	998.8	-0.9	242	30	81.040	43.042	1001.2	-4.2
212	31	81.527	44.858	997.9	0.4						

BUOY(3288) 89 Jan					BUOY(3288) 89 Feb				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	82.789	100.713	993.7	-15.0	32	83.083	99.542	992.5	-19.2*
2	82.797	100.773	997.9	-9.0	33	83.119	99.309	992.9	-18.4
3	82.861	100.374	1001.6	-9.7	34	83.128	98.901	988.9	-20.4
4	82.879	99.542	1012.8	-6.7	35	83.134	98.863	991.7	-18.3
5	82.874	98.854	1014.3	-11.0	36	83.170	98.720		-26.3*
6	82.859	98.357	1013.8	-12.5	37	83.236	98.368	989.3	-22.8*
7	82.836	97.853	1009.5	-7.2	38	83.311	98.168	984.9	-18.1*
8	82.828	97.935	993.3	-8.8	39	83.363	97.924	984.0	-22.2*
9	82.823	97.899	988.5	-10.9	40	83.384	97.436	988.1	-24.0
10	82.837	97.732	985.1	-14.0	41	83.330	97.178	999.7	-20.5
11	82.828	97.621	989.7	-12.9	42	83.321	97.014	1005.9	-13.3*
12	82.819	97.614	998.1	-8.9	43	83.354	96.823	1004.9	-16.1*
13	82.796	97.732	998.4	-17.1	44	83.398	96.318	1013.3	-21.7
14	82.764	98.094	997.4	-17.3	45	83.423	95.669	1012.5	-21.3
15	82.778	98.618	984.2	-20.9*	46	83.426	95.535	1009.6	-21.2*
16	82.732	99.474	984.2	-18.5*	47	83.462	95.748	1010.5	-20.9
17	82.671	99.609	990.5	-15.1	48	83.575	96.422	1008.7	-25.8
18	82.620	99.437	997.5	-14.3	49	83.746	97.053		-27.2*
19	82.557	100.126	1004.9	-16.8	50	83.832	96.865	996.3	-27.1*
20	82.527	101.300	995.2	-23.7	51	83.848	96.171	997.4	-25.4*
21	82.536	101.381	1003.0	-15.3	52	83.811	95.781	993.0	-22.0
22	82.533	101.100	1016.5	-8.7	53	83.672	95.941	986.4	-25.2
23	82.551	100.937		-15.2	54	83.632	95.925	995.3	-15.6
24	82.552	100.664	1017.0	-13.8	55	83.633	95.935	1001.1	-11.1
25	82.553	100.690	1018.3	-9.8	56	83.628	95.942	1006.1	-9.9
26	82.549	100.829	1015.2	-10.4	57	83.634	95.950	1011.1	-7.9
27	82.581	101.194	1004.8	-17.6	58	83.636	95.938	1020.4	-7.4
28	82.672	101.378	992.7	-20.4	59	83.688	96.075	1012.6	-13.0*
29	82.804	101.376	978.2	-23.5*					
30	82.928	101.351	992.6	-23.3*					
31	83.038	100.443	1000.0	-20.3					

BUOY(3288) 89 Mar					BUOY(3288) 89 Apr				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	83.743	95.667	991.6	-20.1*	91	83.596	93.766	1004.1	-23.2
61	83.721	95.090	989.9	-20.6	92	83.674	93.830	991.4	-23.6
62	83.621	95.786	1007.2	-13.5	93	83.697	93.170	1003.2	-19.5
63	83.578	96.282	1010.4	-13.9	94	83.649	92.517	1005.9	-20.4
64	83.601	96.385	1004.5	-18.7*	95	83.599	92.318	1010.5	-19.0
65	83.682	97.019	984.0	-20.1*	96	83.549	92.486	1005.9	-19.3
66	83.543	97.854	989.7	-14.7	97	83.465	93.109	1002.3	-22.4
67	83.457	98.493	992.3	-11.7	98	83.412	93.783	1008.3	-22.0
68	83.449	98.483	994.2	-10.5	99	83.433	94.058	1008.3	-23.6
69	83.408	98.108	1009.3	-8.2	100	83.517	94.059	989.5	-22.9
70	83.384	98.142	1011.4	-11.1	101	83.401	94.308	1001.2	-22.2
71	83.407	98.213	1021.9	-12.4	102	83.349	94.371	1008.4	-22.0
72	83.458	98.007	1028.5	-14.3	103	83.338	94.208	1017.1	-19.3
73	83.509	97.613	1026.7	-18.1	104	83.359	93.905	1032.7	-25.4*
74	83.577	97.384	1029.2	-18.1	105	83.379	93.612	1036.3	
75	83.658	97.037	1024.1	-21.4	106	83.331	93.128	1022.5	-19.8*
76	83.720	97.154	1025.5	-25.1	107	83.368	92.732	1033.2	-17.9*
77	83.788	97.227	1025.6	-21.5	108	83.379	92.185	1035.1	-18.3*
78	83.825	97.234	1025.4	-25.9	109	83.386	91.599	1036.2	-17.8*
79	83.839	97.194	1031.0	-25.7	110	83.396	91.303	1044.2	-17.4*
80	83.853	96.902	1015.9	-24.7	111	21 83.389	91.173	1046.9	-18.3*
81	83.855	96.615	1005.2	-19.9	112	22 83.411	90.585	1045.6	-14.5
82	83.845	96.351	1001.3	-21.2	113	23 83.453	90.044	1047.2	-15.3
83	83.850	95.994	1008.4	-16.1	114	24 83.479	89.975	1044.9	-17.1
84	83.834	95.324	1001.9	-22.2	115	25 83.489	90.171	1037.5	-15.3
87	83.684	93.795	999.7	-20.2	116	26 83.500	90.717	1026.1	-13.9
88	83.612	93.857	994.2	-20.6	117	27 83.490	90.892	1027.2	-11.5
89	83.603	93.815	997.4	-17.2	118	28 83.509	91.454	1011.9	-9.0
90	83.602	93.694	1001.1	-20.0	119	29 83.531	92.501	1002.8	-7.1
					120	30 83.484	92.980	1016.0	-16.4

BUOY (3288) 89 May					BUOY (3288) 89 Jun						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
121	1	83.544	93.112	1003.0	-7.3	152	1	84.237	85.680	-7.8*	
122	2	83.518	93.972	1019.1	-11.0	153	2	84.155	86.444	1003.3	-4.5
123	3	83.509	94.370	1025.0	-9.7*	154	3	84.090	87.165	1002.0	-1.9
124	4	83.523	94.530	1025.4	-11.1*	155	4	84.094	87.273	1003.9	-1.6
125	5	83.552	94.624	1023.3	-9.9	156	5	84.080	87.417	1006.6	-2.7*
126	6	83.592	94.773	1019.6	-10.6	157	6	84.040	87.690	1008.1	-2.5
127	7	83.629	94.943	1021.9	-12.0	158	7	83.997	88.032	1010.2	-3.1
128	8	83.669	95.020	1021.6	-6.8	161	10	84.042	89.906	1006.2	-1.4
129	9	83.725	95.204	1021.4	-8.7	162	11	84.064	90.141	1008.3	-1.9
130	10	83.778	95.247	1025.8	-9.1	163	12	84.075	90.010	1009.0	-2.0
131	11	83.835	95.010	1023.5	-11.5	166	15	83.955	88.555	1000.8	-1.9
132	12	83.891	94.534	1021.3	-13.4	167	16	83.907	88.883	1001.0	-1.3
133	13	83.962	93.894	1012.1	-9.5	168	17	83.913	89.066	990.8	-1.6
134	14	84.033	92.989	1007.1	-8.2	169	18	83.864	88.802	996.3	-1.2
135	15	84.087	92.321	1010.5	-5.8	170	19	83.804	89.215	993.8	0.3
136	16	84.146	91.836	1011.0	-4.7	171	20	83.736	90.049	993.4	-0.1*
137	17	84.228	91.395	1011.8	-7.7	172	21	83.704	90.749	992.1	-1.4
138	18	84.291	90.699		-10.0	173	22	83.685	90.991	994.2	-2.8
139	19	84.328	89.967	1020.6	-11.6	174	23	83.705	90.997	995.8	-0.5*
140	20	84.341	89.260	1024.9	-11.8	175	24	83.743	90.210	1000.0	1.1*
141	21	84.348	88.540	1026.0	-11.9	176	25	83.773	90.036	1007.2	2.5
142	22	84.343	87.948	1022.9	-12.3	177	26	83.788	90.149	1008.8	1.0
143	23	84.334	87.399	1021.9	-11.8	178	27	83.804	90.266	1007.6	0.6
144	24	84.301	86.855	1021.8	-12.7*	179	28	83.796	90.366	1007.5	-0.4
145	25	84.231	86.362	1016.7	-12.5	180	29	83.793	90.309	1009.9	1.1
146	26	84.184	86.348	1007.6	-13.0	181	30	83.801	90.053	1016.9	0.7*
147	27	84.183	86.588	1000.0	-7.7*						
148	28	84.217	86.567	994.2	-9.7*						
149	29	84.259	86.184	999.6	-6.0						
150	30	84.284	85.278	1007.7	-6.1						
151	31	84.245	85.045	1006.1	-8.3						

BUOY (3288) 89 Jul					BUOY (3288) 89 Aug						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
184	3	83.833	91.473	997.7	0.9	213	1	83.413	101.190	988.9	-0.2
185	4	83.771	91.763	999.1	-1.3*	214	2	83.412	101.486	996.3	0.8
186	5	83.796	92.391	991.1	0.9	215	3	83.422	101.468	1006.8	1.8
187	6	83.818	92.743	990.7	1.3	216	4	83.450	101.277	1007.3	0.5
188	7	83.812	92.979	990.9	1.0	217	5	83.476	101.342	1016.2	0.0
189	8	83.804	94.078	994.9	1.0*	218	6	83.464	101.340	1019.2	-0.6
190	9	83.796	94.818	1002.7	1.0	219	7	83.464	102.071	1002.9	0.5
191	10	83.785	95.060	1008.0	1.2	220	8	83.373	101.877	1008.5	-0.5
192	11	83.778	95.401	1010.5	0.3	221	9	83.359	101.679	1013.7	-1.4
193	12	83.713	95.962	1010.6	1.0	222	10	83.366	101.668	1017.6	-0.6
194	13	83.630	96.850	1011.5	1.2	223	11	83.381	101.819	1017.7	-0.9
195	14	83.577	97.300	1014.0	0.9	224	12	83.394	102.006	1015.8	0.1
196	15	83.577	97.258	1017.7	-1.4	227	15	83.565	102.658	1011.1	0.5
197	16	83.544	97.346	1018.3	0.4	228	16	83.675	102.592	997.3	0.4
198	17	83.497	97.619	1017.5	0.5	229	17	83.709	102.647	995.5	0.1
199	18	83.440	98.007	1015.2	-0.5	230	18	83.683	102.607	999.4	-1.9
200	19	83.429	98.339	1007.7	1.5	231	19	83.637	102.866	1003.9	-0.3
201	20	83.429	98.818	993.9	1.1	232	20	83.581	102.723	1008.6	-2.5
202	21	83.340	98.952	1004.6	1.0	233	21	83.534	102.903	1011.7	-1.6
203	22	83.278	99.473	1002.1	0.6	234	22	83.494	103.573	1003.5	-0.7
204	23	83.225	99.570	1009.5	0.3	235	23	83.445	104.338	999.1	-1.6
205	24	83.219	99.974	1000.6	0.7	236	24	83.421	104.376	999.5	-4.6
206	25	83.270	99.910	986.6	0.1	237	25	83.437	104.758	1000.1	-5.7
207	26	83.283	100.000	990.3	-0.6	238	26	83.443	104.662	1003.1	-1.9
208	27	83.312	100.224	987.5	-0.3	239	27	83.474	104.654	1007.0	-2.4
209	28	83.372	100.556	987.9	-0.6	240	28	83.599	104.752	1010.1	-1.9
210	29	83.443	100.869	994.9	-1.7	241	29	83.659	104.609	1010.6	0.5
211	30	83.467	100.684	993.6	-0.9	242	30	83.859	104.824	1007.5	-1.1
212	31	83.443	100.597	983.8	-0.1	243	31	83.925	105.097	1008.9	-1.9

BUOY (3288) 89 Sep					BUOY (3288) 89 Oct						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
244	1	83.929	104.965	1005.6	-3.3	274	1	83.958	108.324	991.4	-9.4
245	2	83.868	104.319	987.7	-2.6	275	2	83.957	108.568	992.2	-12.8
246	3	83.824	103.870	984.9	-4.2	276	3	83.977	108.285	1004.6	-12.5
247	4	83.805	103.642	989.5	-3.4	277	4	83.961	108.023	1013.9	-12.9
248	5	83.690	103.725	989.2	-3.6	278	5	83.939	107.858	1015.2	-9.5
249	6	83.638	104.070	987.0	-5.6	279	6	83.944	107.620	1016.5	-14.8
250	7	83.616	104.178	996.2	-13.6	280	7	83.948	107.218	1022.8	-19.8
251	8	83.638	103.828	992.6	-4.6	281	8	83.886	106.925	1022.8	-18.0
252	9	83.665	103.608	988.0	0.4	282	9	83.773	105.914	1023.2	-11.8
253	10	83.683	103.600	984.5	-0.5	283	10	83.734	105.311	1023.8	-13.9
254	11	83.642	104.088	990.5	-6.3	284	11	83.698	105.534	1021.5	-14.7
255	12	83.649	104.693	1003.4	-7.9	285	12	83.661	106.187	1016.6	-12.1
256	13	83.663	104.695	1014.1	-10.7	286	13	83.612	106.728	1019.0	-10.1*
257	14	83.665	104.740	1021.7	-7.9*	287	14	83.562	107.477		
258	15	83.655	104.941	1031.4	-6.5	288	15	83.519	108.315	1010.0	-12.9*
259	16	83.648	105.106	1034.8	-10.3	289	16	83.515	108.307	1009.9	-20.9
260	17	83.656	105.114	1033.1	-14.5	290	17	83.539	108.128	1011.2	-27.2
261	18	83.683	105.088	1027.3	-16.0	291	18	83.593	107.718	1007.6	-22.6
262	19	83.740	105.580	1019.4	-8.4	292	19	83.612	107.386	1011.8	-26.2
263	20	83.795	106.372	1014.4	-8.0	293	20	83.628	107.099	1015.0	-24.8
264	21	83.840	106.550	1008.8	-7.2	294	21	83.656	107.418	1014.1	-22.4*
265	22	83.860	106.504	1004.0	-6.1	295	22	83.727	107.652	1008.8	-22.7
266	23	83.873	106.568	1006.3	-9.6	296	23	83.843	107.218	1002.1	-21.6
267	24	83.846	106.608	1010.4	-9.2	297	24	83.930	105.831	990.4	-17.5
268	25	83.837	106.880	1011.6	-11.9	298	25	83.952	104.799	984.6	-18.9
269	26	83.919	107.235	993.1	-6.0	300	27	83.831	105.091	1012.9	-28.7
270	27	83.979	107.786	979.9	-0.8	301	28	83.854	105.067	1020.6	-30.1
271	28	84.009	108.265	968.2	-2.4	302	29	83.922	105.073	1014.7	-23.9
272	29	83.991	108.480	974.1	-7.3	303	30	83.969	105.079	1011.9	-18.4
273	30	83.991	108.247	988.4	-12.1*	304	31	84.003	104.777	1011.6	-22.9*

BUOY (3288) 89 Nov					BUOY (3288) 89 Dec						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
305	1	84.010	104.553	1015.7	-29.7	335	1	84.200	107.891	978.1	-17.9
306	2	84.002	104.551	1019.8	-25.3	336	2	84.310	107.645	986.1	-26.7
307	3	84.024	105.279	1010.4	-19.4	337	3	84.400	106.915	997.9	-33.0*
308	4	84.050	105.771	1011.2	-15.9	338	4	84.470	106.276	1009.9	-29.7*
309	5	84.082	105.860	1015.8	-16.4	339	5	84.531	105.476	1010.7	-30.0
310	6	84.098	106.362	1018.5	-17.1	340	6	84.580	105.045	1022.8	-31.8
311	7	84.158	107.978	1003.0	-14.9*	341	7	84.606	104.426	1025.1	-28.2
312	8	84.062	109.028	1003.1	-25.4	342	8	84.603	103.676	1016.6	-26.6
313	9	83.967	109.045	1005.5	-30.9*	343	9	84.598	103.533	1024.3	-24.9
314	10	83.888	109.252	1000.1	-32.2	344	10	84.610	103.209	1024.2	-23.7*
315	11	83.864	108.820	1008.9	-34.4	345	11	84.627	102.792	1019.1	-23.6
316	12	83.852	108.639	1015.3	-39.7	346	12	84.647	102.556	1028.3	-33.4
317	13	83.850	108.477	1019.0	-34.5	347	13	84.662	102.093	1025.5	-29.5
318	14	83.842	108.048	1022.4	-35.6	348	14	84.677	101.653	1032.3	-33.8
319	15	83.872	107.738	1030.7	-36.5	349	15	84.691	101.040	1034.9	-31.9
320	16	83.902	107.456	1032.9	-36.5	350	16	84.694	100.192	1027.9	-29.6
321	17	83.931	107.114	1022.1	-33.4	351	17	84.705	99.444	1017.8	-30.3
322	18	83.987	106.673	1027.7	-36.1	352	18	84.718	98.904	1014.2	-33.4
323	19	84.034	106.371	1026.7	-35.9	353	19	84.723	98.549	1008.6	-40.0
324	20	84.081	106.029	1028.6	-37.9	354	20	84.721	98.596	1014.8	-43.7
325	21	84.081	105.955	1027.2	-39.9	355	21	84.732	98.555	1018.1	-42.4
326	22	84.088	105.790	1026.2	-38.6	356	22	84.795	98.627	1002.2	-28.3
327	23	84.090	105.573	1015.2	-39.9	357	23	84.962	99.057	987.4	-15.8
328	24	84.101	105.773	1014.9	-38.4	358	24	85.080	99.669	985.7	-18.7
329	25	84.134	106.038	1018.3	-37.9	359	25	85.083	100.038	1003.3	-35.4
330	26	84.158	106.015	1012.5	-37.8	360	26	85.073	100.545	1008.7	-26.2
331	27	84.158	105.888	1006.9	-35.5	361	27	85.072	101.191	1011.6	-23.2
332	28	84.136	105.478	999.5	-36.8	362	28	85.093	101.853	1012.1	-27.1
333	29	84.112	105.607	992.0	-32.2*	363	29	85.126	102.138	1013.0	-26.6
334	30	84.137	106.704	973.4	-16.8	364	30	85.160	101.944	1017.9	-33.8
						365	31	85.212	101.737	1025.8	-35.1

BUOY (3289)		LAT	LON	P	T	BUOY (3289)		LAT	LON	P	T
89 Jan		(N)	(+E,-W)	(MB)	(C)	89 Feb		(N)	(+E,-W)	(MB)	(C)
1	1	76.199	-126.874	1005.1	-19.9	32	1	76.214	-126.785	1046.4	-36.8
2	2	76.169	-126.954	1011.9	-32.8	33	2	76.219	-126.697	1027.3	-20.8
3	3	76.118	-127.072	1018.3	-35.4	35	4	76.219	-126.692	1005.5	-9.8
4	4	76.056	-127.177	1022.5	-35.9	36	5	76.212	-126.694	1015.9	-21.8
5	5	76.008	-127.107	1027.7	-34.9	37	6	76.205	-126.705	1031.5	-31.6
6	6	76.013	-127.088	1030.3	-35.7	38	7	76.214	-126.695	1013.6	-18.4
7	7	76.046	-127.045	1021.2	-31.1	39	8	76.215	-126.668	1003.2	-7.6
8	8	76.098	-127.010	1014.4	-22.7	40	9	76.220	-126.668	995.9	-10.3
9	9	76.191	-127.083	999.1	-22.7	41	10	76.221	-126.678	1002.5	-21.2
10	10	76.263	-127.162	985.1	-21.4	42	11	76.216	-126.661	1010.0	-23.1
11	11	76.242	-127.046	994.9	-28.1	43	12	76.215	-126.646	1023.3	-28.9
12	12	76.243	-126.926	987.5	-35.8	44	13	76.213	-126.662	1030.5	-34.0
13	13	76.234	-126.873	989.1	-37.1	45	14	76.216	-126.650	1042.0	-38.4
14	14	76.217	-126.803	998.0	-34.1*	46	15	76.215	-126.670	1042.9	-31.8*
15	15	76.221	-126.803	999.6	-36.8	47	16	76.264	-126.579	1018.3	-14.3
16	16	76.221	-126.802	1009.1	-41.7	48	17	76.250	-126.511	1014.5	-8.0
17	17	76.220	-126.807	1010.7	-40.6	49	18	76.252	-126.511	1020.5	-23.9
18	18	76.217	-126.799	1014.1	-40.0	50	19	76.248	-126.500	1018.0	-26.5
19	19	76.220	-126.802	1021.5	-37.1	51	20	76.257	-126.490	1016.7	-22.4
20	20	76.220	-126.808	1017.4	-38.3	52	21	76.312	-126.329	1004.0	-17.4
21	21	76.211	-126.774	1014.7	-40.2	53	22	76.309	-126.343	1007.7	-26.4
22	22	76.218	-126.794	1005.7	-31.2	54	23	76.311	-126.341	1005.2	-25.6
23	23	76.220	-126.819	1007.8	-40.2	55	24	76.311	-126.330	1017.9	-32.5
24	24	76.216	-126.793	1011.2	-42.3	56	25	76.315	-126.333	1018.1	-26.8
25	25	76.218	-126.799	1012.3	-43.1	57	26	76.396	-126.274	979.9	-16.9
26	26	76.218	-126.800	1013.3	-45.2*	58	27	76.257	-126.160	1022.8	-34.0
27	27	76.218	-126.807	1010.4	-44.5*	59	28	76.259	-126.161	1026.5	-34.5
28	28	76.219	-126.785	1005.2	-40.9						
29	29	76.215	-126.785	1007.3	-38.8						
30	30	76.217	-126.791	1030.7	-38.7						
31	31	76.216	-126.780	1037.1	-34.0						

BUOY (3289)		LAT	LON	P	T	BUOY (3289)		LAT	LON	P	T
89 Mar		(N)	(+E,-W)	(MB)	(C)	89 Apr		(N)	(+E,-W)	(MB)	(C)
60	1	76.284	-126.409	1021.2	-32.3	91	1	76.297	-125.860	1011.3	-24.9
61	2	76.260	-126.445	1027.5	-37.6	92	2	76.294	-125.858	1014.1	-28.0
62	3	76.237	-126.365	1034.8	-33.1	93	3	76.296	-125.859	1015.1	-28.6
63	4	76.241	-126.302	1037.7	-31.9	94	4	76.296	-125.869	1009.1	-25.4
64	5	76.260	-126.143	1026.4	-29.3	95	5	76.300	-125.862	1007.2	-25.9
65	6	76.263	-126.106	1013.6	-28.6	98	8	76.304	-125.833		-24.3
66	7	76.266	-126.120	1015.4	-37.2	99	9	76.303	-125.838	1027.0	-28.5*
67	8	76.267	-126.111	1017.6	-38.2	100	10	76.305	-125.845	1014.9	-18.9
68	9	76.266	-126.108	1028.0	-34.0	101	11	76.301	-125.826	1005.1	-15.0
69	10	76.280	-126.089	1023.2	-27.2	102	12	76.303	-125.834	1001.9	-16.6
70	11	76.323	-125.857	997.0	-18.2	103	13	76.305	-125.832	1012.0	-23.9
71	12	76.312	-125.833	1022.2	-31.0	104	14	76.295	-125.860	1027.0	-30.5
72	13	76.315	-125.846	1031.1	-33.0	105	15	76.288	-125.868	1035.6	-27.7
73	14	76.325	-125.854	1033.0	-31.7	106	16	76.286	-125.879	1033.4	-22.7
74	15	76.300	-125.904	1039.7	-32.8	107	17	76.246	-125.979	1033.6	-24.0
75	16	76.292	-125.884	1033.4	-34.7	108	18	76.193	-126.052	1031.6	-21.6
76	17	76.295	-125.857	1021.5	-30.8	109	19	76.149	-126.234	1033.2	-19.4
77	18	76.297	-125.862	1021.0	-28.4	110	20	76.089	-126.505	1030.6	-16.2
78	19	76.298	-125.857	1026.2	-27.2	111	21	76.074	-126.593	1031.9	-15.4
79	20	76.298	-125.850		-29.4	112	22	76.066	-126.782	1028.3	-18.9
80	21	76.293	-125.855	1012.2	-31.7	113	23	76.041	-126.846	1018.2	-19.3
81	22	76.299	-125.843	1008.1	-37.5	114	24	76.044	-126.781	1023.9	-22.0
82	23	76.296	-125.862	1016.4	-38.9	115	25	76.051	-126.982	1016.6	-16.5
83	24	76.298	-125.858	1025.1	-35.5	116	26	76.042	-127.134	1019.7	-14.1*
84	25	76.295	-125.854	1031.8	-36.9*	117	27	76.081	-127.213	1016.7	-4.8
85	26	76.298	-125.844	1032.3	-34.9	118	28	75.986	-127.163	1022.6	-18.4
86	27	76.302	-125.860	1027.0	-33.4	119	29	75.931	-126.613	1023.0	-16.2
87	28	76.299	-125.854	1021.9	-28.8	120	30	75.925	-126.251	1010.3	-14.4
88	29	76.299	-125.859	1019.5	-28.1						
89	30	76.296	-125.868	1017.4	-28.9						
90	31	76.296	-125.866	1013.4	-30.1						

BUOY(3289) 89 May					BUOY(3289) 89 Jun						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
121	1	75.917	-126.219	1011.6	-10.8	152	1	75.455	-126.567	1012.6	0.2
122	2	75.907	-126.128	1003.4	-13.4	153	2	75.444	-126.560	1015.4	1.6*
123	3	75.904	-126.158	1014.7	-21.6	154	3	75.414	-126.570	1020.6	1.3
124	4	75.906	-126.133	1011.0	-17.8*	155	4	75.354	-126.695	1023.2	0.3
125	5	75.907	-126.228	1010.0	-20.7	156	5	75.344	-126.833	1017.1	0.8
126	6	75.866	-126.297	1014.6	-18.7	157	6	75.298	-126.917		-0.6
127	7	75.856	-126.198	1014.9	-14.0	158	7	75.230	-126.788	1019.2	-1.3
128	8	75.845	-126.184	1019.8	-12.2	159	8	75.224	-126.673	1020.2	0.4
129	9	75.843	-126.188	1026.3	-11.1	160	9	75.247	-126.625	1012.8	0.5
130	10	75.844	-126.190	1029.1	-10.8	161	10	75.286	-126.549	1003.5	2.0*
131	11	75.843	-126.181	1029.4	-10.2	162	11	75.267	-126.541	1005.4	1.4
132	12	75.845	-126.186	1030.8	-12.4*	163	12	75.276	-126.427	1009.9	-0.5
133	13	75.823	-126.428	1023.5	-10.8	164	13	75.261	-126.456	1015.3	0.0
134	14	75.776	-126.503	1024.8	-10.0	165	14	75.197	-126.506	1020.4	-1.8
135	15	75.730	-126.550	1025.5	-13.8	166	15	75.187	-126.346	1015.5	-0.4
138	18	75.666	-126.847	1021.4	-12.2*	167	16	75.187	-126.288	1011.5	0.1
139	19	75.667	-126.917	1022.5	-7.9	168	17	75.185	-126.286	1006.3	0.5
140	20	75.632	-126.861	1030.3	-8.5	169	18	75.203	-126.199	995.7	0.1
141	21	75.597	-126.722	1029.5	-12.5	170	19	75.192	-126.171	1004.2	-0.4
142	22	75.553	-126.771	1024.1	-13.8	171	20	75.191	-126.161	1009.6	0.3*
143	23	75.481	-126.926	1027.5	-12.0	172	21	75.189	-126.151	1019.1	0.0
144	24	75.410	-126.941	1026.8	-12.4	173	22	75.194	-126.131	1021.1	1.9
145	25	75.368	-126.996	1028.7	-10.9	174	23	75.193	-126.214	1025.2	1.0
146	26	75.361	-126.909	1025.6	-9.7	175	24	75.227	-126.298	1013.6	1.7
147	27	75.397	-126.636	1020.3	-7.7	176	25	75.183	-126.206	1021.9	1.2
148	28	75.416	-126.584	1012.0	-3.3	177	26	75.118	-126.177	1029.3	2.2
149	29	75.386	-126.630	1021.2	-0.2	178	27	75.072	-126.134	1024.5	2.8*
150	30	75.381	-126.592	1025.1	-2.0	179	28	75.025	-126.093	1015.7	2.7*
151	31	75.442	-126.593	1014.1	-1.9	180	29	74.999	-125.989	1006.6	1.2
						181	30	74.996	-125.994	1005.7	0.3

BUOY(3289) 89 Jul					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)	
182	1	74.930	-126.009	1010.4	0.8
183	2	74.879	-126.001	1010.1	0.2
184	3	74.872	-126.008	1011.7	-0.1
185	4	74.883	-125.889	1002.4	1.3
186	5	74.881	-125.883	1001.7	1.7
187	6	74.877	-125.875	1006.8	0.9

BUOY(3831) 89 Jan				BUOY(3831) 89 Feb					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
2	2	70.812	-168.615		32	1	72.211	-164.300	
3	3	70.861	-168.516		33	2	72.299	-164.124	
4	4	70.921	-168.343		34	3	72.447	-163.799	
7	7	71.657	-167.708		38	7	72.790	-161.992	
8	8	72.086	-166.947		39	8	72.885	-161.589	
9	9	72.227	-166.783		40	9	72.911	-161.164	
10	10	72.224	-166.718		42	11	72.893	-161.312	
11	11	72.208	-166.628		43	12	72.910	-161.408	
12	12	72.139	-166.583		44	13	72.973	-161.576	
15	15	72.086	-166.478		45	14	73.081	-161.707	
17	17	72.081	-166.451		47	16	73.355	-161.473	
18	18	72.074	-166.377		48	17	73.397	-161.182	
19	19	72.085	-166.186		49	18	73.415	-161.167	
20	20	72.083	-165.918		51	20	73.588	-160.764	
21	21	72.059	-165.708		52	21	73.603	-160.548	
22	22	72.069	-165.286		53	22	73.621	-160.598	
23	23	72.082	-164.984		54	23	73.630	-160.391	
24	24	72.063	-164.879		55	24	73.663	-160.248	
25	25	72.052	-164.847		56	25	73.705	-160.379	
26	26	72.044	-164.849		57	26	73.644	-160.604	
27	27	72.037	-164.840		58	27	73.625	-160.426	
28	28	72.038	-164.811		59	28	73.683	-159.974	

BUOY(3831) 89 Mar				BUOY(3831) 89 Apr					
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	73.679	-159.948		91	1	74.023	-160.829	
61	2	73.660	-160.067		94	4	74.048	-160.872	
62	3	73.645	-160.051		98	8	74.105	-160.488	
63	4	73.673	-159.949		99	9	74.128	-160.532	
66	7	73.685	-159.873		100	10	74.142	-160.458	
67	8	73.696	-159.824		101	11	74.163	-160.375	
70	11	73.917	-159.438		102	12	74.167	-160.293	
71	12	73.937	-159.436		105	15	74.371	-160.804	
72	13	73.967	-159.426		106	16	74.470	-161.080	
74	15	73.981	-159.681		107	17	74.553	-161.560	
75	16	73.984	-159.788		108	18	74.594	-161.856	
76	17	73.941	-159.817		110	20	74.571	-162.357	
79	20	73.784	-159.852		113	23	74.532	-163.084	
80	21	73.752	-159.825		114	24	74.496	-163.151	
81	22	73.725	-159.878		115	25	74.466	-163.316	
82	23	73.705	-159.846		116	26	74.431	-163.377	
83	24	73.708	-159.928		117	27	74.425	-163.306	
84	25	73.779	-160.152		118	28	74.422	-163.091	
87	28	73.986	-160.651		119	29	74.387	-162.930	
88	29	74.008	-160.759						
89	30	74.021	-160.815						
90	31	74.029	-160.823						

BUOY (3831) 89 May				BUOY (3831) 89 Jun					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
123	3	74.293	-162.301		152	1	74.956	-164.458	
124	4	74.274	-162.263		153	2	74.977	-164.352	
125	5	74.249	-162.343		154	3	75.004	-164.295	
128	8	74.224	-162.471		157	6	75.050	-164.135	
129	9	74.218	-162.456		158	7	75.050	-164.000	
130	10	74.210	-162.465		163	12	74.962	-164.395	
132	12	74.195	-162.612		164	13	74.964	-164.402	
133	13	74.185	-162.804						
134	14	74.173	-163.015						
138	18	74.192	-163.829						
139	19	74.218	-164.012						
140	20	74.257	-164.127						
143	23	74.499	-165.184						
144	24	74.555	-165.412						
145	25	74.595	-165.497						
146	26	74.632	-165.313						
147	27	74.669	-165.041						
148	28	74.701	-164.865						

BUOY(3838) 89 Apr				BUOY(3838) 89 May			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
109	19	79.414	-102.820	121	1	79.414	-102.813
110	20	79.415	-102.825	122	2	79.415	-102.823
111	21	79.414	-102.820	123	3	79.415	-102.824
112	22	79.414	-102.822	124	4	79.415	-102.829
113	23	79.414	-102.817	125	5	79.415	-102.826
114	24	79.416	-102.817	126	6	79.414	-102.830
115	25	79.414	-102.832	127	7	79.415	-102.816
116	26	79.420	-102.829	128	8	79.416	-102.820
117	27	79.415	-102.836	129	9	79.412	-102.828
118	28	79.413	-102.829	130	10	79.414	-102.824
119	29	79.416	-102.824	131	11	79.414	-102.814
120	30	79.414	-102.822	132	12	79.414	-102.817
				133	13	79.417	-102.826
				134	14	79.418	-102.825
				138	18	79.415	-102.829
				139	19	79.414	-102.824
				140	20	79.415	-102.820
				141	21	79.414	-102.820
				142	22	79.415	-102.815
				143	23	79.413	-102.814
				144	24	79.415	-102.827
				145	25	79.415	-102.832
				146	26	79.413	-102.825
				147	27	79.414	-102.816
				148	28	79.414	-102.824
				149	29	79.415	-102.821
				150	30	79.414	-102.825
				151	31	79.416	-102.827

BUOY(3838) 89 Jun				BUOY(3838) 89 Jul			
LAT (N)	LON (+E,-W)	P (MB)	T (C)	LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	79.415	-102.831	182	1	79.414	-102.834
153	2	79.416	-102.816	183	2	79.415	-102.829
154	3	79.414	-102.826	184	3	79.414	-102.821
155	4	79.413	-102.825	185	4	79.413	-102.827
156	5	79.415	-102.823	186	5	79.415	-102.823
157	6	79.414	-102.830	187	6	79.416	-102.822
158	7	79.416	-102.820	188	7	79.414	-102.823
159	8	79.412	-102.819	189	8	79.414	-102.825
160	9	79.414	-102.820	190	9	79.415	-102.825
161	10	79.416	-102.829	191	10	79.413	-102.822
162	11	79.417	-102.818	192	11	79.415	-102.825
163	12	79.414	-102.826	193	12	79.414	-102.827
164	13	79.414	-102.831	194	13	79.413	-102.818
165	14	79.415	-102.818	195	14	79.413	-102.818
166	15	79.416	-102.813	196	15	79.413	-102.809
167	16	79.417	-102.819	197	16	79.416	-102.820
168	17	79.413	-102.826	198	17	79.413	-102.821
169	18	79.414	-102.824	199	18	79.415	-102.823
170	19	79.413	-102.813	200	19	79.415	-102.819
171	20	79.416	-102.818	201	20	79.414	-102.818
172	21	79.414	-102.821	202	21	79.415	-102.826
173	22	79.416	-102.828	203	22	79.415	-102.825
174	23	79.416	-102.822	204	23	79.415	-102.827
175	24	79.415	-102.817	205	24	79.415	-102.823
176	25	79.415	-102.822	206	25	79.413	-102.822
177	26	79.414	-102.824	207	26	79.415	-102.826
178	27	79.414	-102.827	208	27	79.414	-102.826
179	28	79.414	-102.824	209	28	79.415	-102.825
180	29	79.415	-102.821	210	29	79.414	-102.822
181	30	79.413	-102.820	211	30	79.416	-102.824
				212	31	79.415	-102.818

BUOY(3838) 89 Aug		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(3838) 89 Sep		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	79.414	-102.819			244	1	79.378	-102.704		
214	2	79.414	-102.826			245	2	79.416	-102.764		
215	3	79.414	-102.826			246	3	79.420	-102.858		
216	4	79.412	-102.818			247	4	79.396	-102.762		
217	5	79.414	-102.825			248	5	79.359	-102.541		
218	6	79.416	-102.822			249	6	79.343	-102.433		
219	7	79.415	-102.819			250	7	79.336	-102.379		
220	8	79.413	-102.827			251	8	79.305	-102.224		
221	9	79.412	-102.829			252	9	79.265	-102.008		
222	10	79.415	-102.824			255	12	79.305	-102.021		
223	11	79.414	-102.814			256	13	79.359	-102.203		
224	12	79.414	-102.821			257	14	79.380	-102.319		
225	13	79.413	-102.820			258	15	79.344	-102.338		
226	14	79.414	-102.821			259	16	79.346	-102.397		
227	15	79.415	-102.812			260	17	79.336	-102.365		
228	16	79.414	-102.827			261	18	79.351	-102.430		
229	17	79.413	-102.821			262	19	79.347	-102.425		
230	18	79.407	-102.795			263	20	79.328	-102.298		
231	19	79.396	-102.751			264	21	79.302	-102.188		
232	20	79.396	-102.758			265	22	79.292	-102.158		
233	21	79.395	-102.756			266	23	79.283	-102.085		
234	22	79.395	-102.756			267	24	79.279	-102.065		
235	23	79.395	-102.750			268	25	79.280	-102.035		
236	24	79.394	-102.746			269	26	79.271	-102.015		
237	25	79.401	-102.777								
238	26	79.413	-102.815								
239	27	79.405	-102.810								
240	28	79.393	-102.746								
241	29	79.385	-102.716								
242	30	79.375	-102.703								
243	31	79.380	-102.704								

BUOY(3886)	LAT	LON	P	T
89 Jan	(N)	(+E, -W)	(MB)	(C)
2	2 82.050	16.498	971.6	
3	3 81.967	15.125	983.1	

BUOY(5438)		LAT	LON	P	T	BUOY(5438)		LAT	LON	P	T
89 Jan		(N)	(+E,-W)	(MB)	(C)	89 Feb		(N)	(+E,-W)	(MB)	(C)
4	4	78.549	37.871			32	1	76.832	34.457		
5	5	78.326	37.415			33	2	76.842	33.874		
6	6	78.168	36.636			34	3	76.765	32.732		
7	7	78.025	35.988			35	4	76.681	32.502		
8	8	77.963	35.741			36	5	76.599	32.268		
9	9	77.842	35.912			37	6	76.555	32.421		
10	10	77.724	36.205			38	7	76.489	32.534		
11	11	77.637	36.351			39	8	76.426	32.756		
12	12	77.567	36.317			40	9	76.354	33.016		
13	13	77.543	36.354			43	12	76.446	33.884		
16	16	77.912	37.865			44	13	76.476	34.323		
17	17	77.773	37.291			45	14	76.517	34.637		
18	18	77.740	37.331			46	15	76.628	34.666		
19	19	77.839	37.635			47	16	76.759	33.766		
20	20	77.990	37.618			48	17	76.788	33.547		
21	21	77.913	37.173			49	18	76.550	33.858		
22	22	77.682	36.283			50	19	76.503	34.195		
23	23	77.457	35.301			51	20	76.532	34.091		
24	24	77.405	34.921			52	21	76.477	33.768		
27	27	77.594	35.178			53	22	76.416	33.545		
28	28	77.521	35.023			54	23	76.373	33.415		
29	29	77.391	34.594			55	24	76.338	33.433		
30	30	77.204	34.504			56	25	76.316	33.372		
31	31	77.007	34.504			57	26	76.341	33.167		
						58	27	76.351	32.984		

BUOY(5438)		LAT	LON	P	T	BUOY(5438)		LAT	LON	P	T
89 Mar		(N)	(+E,-W)	(MB)	(C)	89 Apr		(N)	(+E,-W)	(MB)	(C)
61	2	76.119	32.325			91	1	76.183	32.319		
62	3	76.101	31.606			92	2	76.092	33.131		
63	4	76.066	31.437			93	3	75.922	34.021		
64	5	76.109	31.804			94	4	75.911	33.079		
65	6	76.048	31.429			95	5	75.767	32.744		
66	7	76.096	30.853			99	9	75.932	33.558		
67	8	76.111	31.617			100	10	75.810	33.603		
68	9	76.061	31.653			101	11	75.895	33.352		
69	10	76.246	31.494			102	12	76.111	33.526		
70	11	76.303	31.905			103	13	76.316	34.072		
71	12	76.273	32.814			105	15	76.292	34.943		
72	13	76.241	33.235			106	16	76.291	35.072		
73	14	76.213	34.054			107	17	76.360	35.389		
74	15	76.352	34.304			108	18	76.305	35.748		
75	16	76.379	34.541			109	19	76.216	35.677		
76	17	76.441	34.843			110	20	76.264	35.187		
77	18	76.521	35.064			111	21	76.339	34.003		
78	19	76.562	34.883			112	22	76.398	32.334		
79	20	76.566	34.707			113	23	76.331	30.675		
80	21	76.548	34.561			114	24	76.430	30.441		
81	22	76.540	34.236			115	25	76.645	29.813		
82	23	76.492	33.607			116	26	76.711	29.640		
83	24	76.377	32.907			117	27	76.894	29.336		
84	25	76.259	32.579			118	28	76.937	29.843		
85	26	76.164	32.394			119	29	76.837	29.849		
86	27	76.057	32.344			120	30	76.819	29.432		
87	28	76.098	32.574								
88	29	76.280	32.371								
89	30	76.406	32.437								
90	31	76.140	32.129								

BUOY (5438) 89 May				BUOY (5438) 89 Jun					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	76.763			152	1	76.050		23.208
122	2	76.810			153	2	76.057		23.223
123	3	76.991			156	5	75.908		23.640
124	4	77.054			157	6	75.868		23.443
125	5	77.079			158	7	75.891		23.261
126	6	77.117			159	8	75.850		23.585
127	7	77.122			160	9	75.797		23.592
128	8	77.081			161	10	75.805		23.068
129	9	77.000			162	11	75.856		23.211
130	10	76.945			163	12	75.842		23.334
131	11	76.938			164	13	75.827		23.765
132	12	76.815			165	14	75.828		24.381
133	13	76.671			166	15	75.833		25.104
134	14	76.646			167	16	75.855		25.556
135	15	76.611			168	17	75.848		26.210
137	17	76.421			169	18	75.761		26.507
138	18	76.392							
139	19	76.361							
140	20	76.332							
141	21	76.269							
142	22	76.311							
143	23	76.365							
144	24	76.368							
145	25	76.340							
146	26	76.308							
147	27	76.250							
148	28	76.231							
149	29	76.209							
150	30	76.134							
151	31	76.025							

BUOY (6110) 89 Apr	LAT (N)	LON (+E, -W)	P (MB)	T (C)
92	2	81.861		-4.985
93	3	81.696		-4.649
94	4	81.628		-4.484
95	5	81.582		-4.263
98	8	81.317		-3.894
99	9	81.235		-3.925
100	10	81.173		-3.854
101	11	81.121		-3.857
102	12	80.891		-4.483
103	13	80.698		-4.613
104	14	80.478		-4.742
105	15	80.352		-4.608
106	16	80.261		-4.440
107	17	80.053		-4.846
108	18	79.879		-4.754
109	19	79.752		-4.732
110	20	79.588		-5.194
111	21	79.386		-5.752
112	22	79.214		-6.291
113	23	79.048		-6.616
114	24	78.870		-7.040
115	25	78.701		-7.455
116	26	78.555		-7.927
117	27	78.434		-8.332
118	28	78.241		-8.603
119	29	78.177		-8.545

BUOY (6111) 89 Apr	LAT (N)	LON (+E, -W)	P (MB)	T (C)
91	1	82.535		7.282
92	2	82.451		7.363
93	3	82.350		7.456
94	4	82.320		7.485
95	5	82.303		7.478
98	8	82.192		7.444
99	9	82.148		7.360
100	10	82.133		7.464
101	11	82.131		7.555
102	12	82.108		7.493
103	13	82.112		6.508
104	14	82.113		5.903
105	15	82.123		5.569
106	16	82.098		5.567
107	17	82.031		5.337
108	18	81.950		5.009
109	19	81.915		4.724
110	20	81.900		4.224
111	21	81.881		3.689
112	22	81.862		3.423
113	23	81.810		2.967
114	24	81.775		2.450
115	25	81.724		2.359
116	26	81.674		2.193
117	27	81.622		1.763
118	28	81.418		1.430
119	29	81.393		1.976

BUOY (6112) 89 Apr	LAT (N)	LON (+E, -W)	P (MB)	T (C)
94	4	83.117	6.097	
95	5	83.103	6.106	
98	8	83.011	6.257	
99	9	82.982	6.290	
100	10	82.965	6.378	
101	11	82.950	6.447	
102	12	82.883	6.364	
103	13	82.873	5.481	
104	14	82.865	4.884	
105	15	82.869	4.481	
106	16	82.838	4.546	
107	17	82.780	4.571	
108	18	82.713	4.049	
109	19	82.674	3.637	
110	20	82.650	3.357	
111	21	82.630	3.070	
112	22	82.610	2.927	
113	23	82.562	2.515	
114	24	82.512	2.017	
115	25	82.464	1.832	
116	26	82.420	1.592	
117	27	82.369	1.044	
118	28	82.158	0.413	
119	29	82.126	0.953	

BUOY (6113) 89 Apr	LAT (N)	LON (+E,-W)	P (MB)	T (C)
98	8	81.415		-2.786
99	9	81.317		-2.821
100	10	81.289		-2.657
101	11	81.237		-2.635
102	12	81.014		-3.132
103	13	80.821		-3.327
104	14	80.594		-3.477
105	15	80.471		-3.284
106	16	80.368		-3.147
107	17	80.165		-3.449
108	18	79.943		-3.352
109	19	79.803		-3.387
110	20	79.637		-3.863
111	21	79.425		-4.514
112	22	79.227		-5.046
113	23	79.037		-5.427
114	24	78.848		-5.874
115	25	78.667		-6.305
116	26	78.520		-6.795
117	27	78.389		-7.205
118	28	78.166		-7.520
119	29	78.089		-7.513

BUOY(6114) 89 Apr	LAT (N)	LON (+E,-W)	P (MB)	T (C)
95	5	81.402		0.141
98	8	81.203		-0.075
99	9	81.141		-0.107
100	10	81.118		-0.070
101	11	81.112		-0.020
102	12	80.951		-0.451
103	13	80.813		-0.630
104	14	80.601		-0.906
105	15	80.476		-0.663
106	16	80.370		-0.447
107	17	80.168		-0.925
108	18	79.882		-1.232
109	19	79.691		-1.460
110	20	79.475		-1.989
111	21	79.243		-2.754
112	22	79.025		-3.353
113	23	78.816		-3.828
114	24	78.612		-4.351
115	25	78.417		-4.877
116	26	78.264		-5.401
117	27	78.135		-5.809
118	28	77.892		-6.219
119	29	77.803		-6.300

BUOY (6115) 89 Apr	LAT (N)	LON (+E, -W)	P (MB)	T (C)
92	2	82.684		-1.799
93	3	82.576		-1.590
94	4	82.548		-1.496
95	5	82.537		-1.474
98	8	82.446		-1.312
99	9	82.407		-1.293
100	10	82.396		-1.176
101	11	82.371		-1.251
102	12	82.235		-1.601
103	13	82.183		-2.397
104	14	82.080		-2.608
105	15	82.022		-2.668
106	16	81.957		-2.638
107	17	81.849		-2.729
108	18	81.694		-2.612
109	19	81.590		-2.576
110	20	81.513		-2.869
111	21	81.433		-3.116
112	22	81.360		-3.190
113	23	81.247		-3.393
114	24	81.111		-3.770
115	25	80.947		-3.808
116	26	80.850		-3.837
117	27	80.721		-4.058
118	28	80.449		-4.203
119	29	80.384		-3.652

BUOY (6116)	LAT	LON	P	T	BUOY (6116)	LAT	LON	P	T
89 Mar	(N)	(+E, -W)	(MB)	(C)	89 Apr	(N)	(+E, -W)	(MB)	(C)
89	30	82.902	-0.155		91	1	82.880	0.031	
90	31	82.882	-0.103		92	2	82.799	0.234	
					93	3	82.694	0.425	
					94	4	82.666	0.503	
					95	5	82.656	0.530	
					98	8	82.573	0.673	
					99	9	82.533	0.675	
					100	10	82.518	0.798	
					101	11	82.502	0.822	
					102	12	82.396	0.521	
					103	13	82.387	-0.442	
					104	14	82.353	-1.069	
					105	15	82.335	-1.440	
					106	16	82.290	-1.473	
					107	17	82.201	-1.627	
					108	18	82.086	-1.903	
					109	19	82.005	-2.162	
					110	20	81.955	-2.652	
					111	21	81.919	-3.142	
					112	22	81.900	-3.402	
					113	23	81.844	-3.805	
					114	24	81.771	-4.257	
					115	25	81.660	-4.293	
					116	26	81.609	-4.395	
					117	27	81.519	-4.721	
					118	28	81.263	-4.911	
					119	29	81.193	-4.268	

BUOY (6117) 89 Apr	LAT (N)	LON (+E, -W)	P (MB)	T (C)
94	4	82.395	8.122	
95	5	82.380	8.080	
98	8	82.269	8.005	
99	9	82.232	7.969	
100	10	82.217	8.050	
101	11	82.220	8.131	
102	12	82.191	8.063	
103	13	82.191	7.080	
104	14	82.187	6.472	
105	15	82.195	6.141	
106	16	82.164	6.144	
107	17	82.101	5.887	
108	18	82.021	5.558	
109	19	81.992	5.234	
110	20	81.976	4.701	
111	21	81.956	4.171	
112	22	81.936	3.893	
113	23	81.886	3.455	
114	24	81.849	2.909	
115	25	81.808	2.777	

BUOY(6118)	LAT	LON	P	T	BUOY(6118)	LAT	LON	P	T
89 Mar	(N)	(+E,-W)	(MB)	(C)	89 Apr	(N)	(+E,-W)	(MB)	(C)
89	30	82.207			91	1	82.203		
90	31	82.178			92	2	82.125		
			4.792		93	3	82.021		
			4.755		94	4	81.992		
					95	5	81.977		
					98	8	81.877		
					99	9	81.833		
					100	10	81.818		
					101	11	81.822		
					102	12	81.777		
					103	13	81.775		
					104	14	81.763		
					105	15	81.774		
					106	16	81.749		
					107	17	81.675		
					108	18	81.571		
					109	19	81.524		
					110	20	81.494		
					111	21	81.462		
					112	22	81.441		
					113	23	81.388		
					114	24	81.334		
					115	25	81.239		
					116	26	81.161		
					117	27	81.067		
					118	28	80.799		
					119	29	80.717		

BUOY (6119) 89 Apr	LAT (N)	LON (+E, -W)	P (MB)	T (C)
91	1	83.014		3.036
92	2	82.932		3.238
93	3	82.834		3.396
94	4	82.804		3.474
95	5	82.792		3.492
98	8	82.699		3.672
99	9	82.660		3.677
100	10	82.647		3.793
101	11	82.635		3.846
102	12	82.548		3.810
103	13	82.541		2.987
104	14	82.528		2.405
105	15	82.526		2.047
106	16	82.486		2.076
107	17	82.414		1.871
108	18	82.317		1.462
109	19	82.265		1.108
110	20	82.232		0.594
111	21	82.205		0.112
112	22	82.187		-0.133
113	23	82.133		-0.585
114	24	82.075		-1.150
115	25	81.990		-1.301
116	26	81.939		-1.434
117	27	81.869		-1.831
118	28	81.638		-2.140
119	29	81.601		-1.545

BUOY(7004) 89 Jan	LAT (N)	LON (+E,-W)	P (MB)	T (C)	
1	1	68.898	-19.461	1001.3	-4.5*
2	2	68.919	-18.991	996.2	-3.6
3	3	68.883	-18.775	993.7	-5.4
4	4	68.517	-19.585	986.6	-12.5
7	7	68.122	-21.184		-10.2*
8	8	67.857	-22.455	998.1	-15.7
9	9	67.588	-23.479	1005.3	-13.2
10	10	67.324	-24.323	997.4	-10.2*
13	13	66.609	-28.634	977.3	-2.7*
14	14	66.644	-29.797	965.6	-4.5
15	15	66.733	-30.327	984.3	-5.4
16	16	66.594	-30.842	993.4	-9.6
17	17	66.264	-31.119	1003.7	-10.0
18	18	65.965	-31.553	986.6	-10.3
19	19	65.819	-31.307	990.4	-9.4
20	20	65.636	-31.417	1000.5	-13.6*

BUOY (7006) 89 Jan					BUOY (7006) 89 Feb						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
13	13	73.626	-14.305	983.7	-5.8	36	5	67.773	-23.333	993.8	-12.5
14	14	73.558	-14.369	982.6	-12.6	37	6	67.381	-24.710	985.2	-13.8
23	23	71.624	-17.385	1014.3	-24.9	43	12	66.719	-27.095		-7.2*
24	24	71.331	-17.998		-13.9*	48	17	65.816	-29.701	970.0	-2.2*
25	25	71.072	-17.905	987.5	-9.0*	49	18	66.060	-30.487	978.1	-7.2
26	26	70.933	-17.963	985.8	-14.0*	50	19	65.914	-31.162		-7.0
27	27	70.694	-18.170	983.5	-18.5	55	24	65.087	-35.138		-6.8*
						56	25	64.763	-36.707		-6.3*

BUOY (7006) 89 Mar					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)	
62	3	64.167	-37.157	1007.1	-9.6

BUOY (7030) 89 Jan	LAT (N)	LON (+E, -W)	P (MB)	T (C)
3	3	76.046	35.389	
4	4	75.944	35.836	996.0
5	5	75.720	35.999	
6	6	75.498	35.411	999.2
7	7	75.314	34.585	1001.5
8	8	75.166	34.100	1006.8
15	15	75.714	34.083	
16	16	75.884	34.405	985.5
17	17	75.821	34.205	1000.2
18	18	75.771	33.779	1016.7
19	19	75.938	33.987	993.3
20	20	76.128	34.386	983.9
21	21	76.065	34.563	989.9
22	22	75.838	34.109	998.9
23	23	75.612	33.373	1007.1
25	25	75.581	32.635	995.7
26	26	75.701	33.185	982.8
27	27	75.617	33.770	973.4
28	28	75.565	32.891	

BUOY (7048) 89 Feb				BUOY (7048) 89 Mar			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
44	13	80.957	39.541	71	12	80.388	38.214
45	14	80.992	38.753	74	15	80.493	36.735
48	17	80.974	36.584	75	16	80.525	36.051
49	18	80.836	37.045	76	17	80.593	36.121
				77	18	80.698	36.044
				78	19	80.702	35.865
				79	20	80.717	35.683
				80	21	80.711	35.559

BUOY (7048) 89 Apr				BUOY (7048) 89 May			
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)
107	17	80.059	37.012	122	2	80.211	35.573
108	18	80.082	36.890	123	3	80.302	35.893
109	19	80.093	36.326	124	4	80.446	35.728
110	20	80.053	35.915	125	5	80.548	35.237
111	21	80.040	35.232	126	6	80.628	35.288
115	25	80.089	34.423	127	7	80.702	35.328
116	26	80.130	34.618	128	8	80.738	35.143
117	27	80.198	34.797	129	9	80.768	34.756
118	28	80.299	35.128	130	10	80.790	34.529
119	29	80.222	35.397	131	11	80.843	34.153

BUOY (7048) 89 Aug				BUOY (7048) 89 Sep					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
215	3	77.590			244	1	76.155		
216	4	77.491			245	2	76.146		
217	5	77.405			246	3	76.082		
218	6	77.471			247	4	75.843		
219	7	77.554			248	5	75.919		
220	8	77.521			249	6	76.152		
221	9	77.523			250	7	76.316		
222	10	77.471			251	8	76.313		
223	11	77.453			252	9	76.107		
224	12	77.379			253	10	75.757		
225	13	77.349			254	11	75.791		
226	14	77.327			255	12	75.786		
227	15	77.268			256	13	75.733		
230	18	76.977			257	14	75.647		
231	19	77.050			258	15	75.605		
232	20	77.014			259	16	75.726		
233	21	76.895			260	17	76.111		
234	22	76.736			261	18	76.508		
235	23	76.574			262	19	76.832		
237	25	76.242			263	20	77.079		
238	26	76.028			264	21	76.895		
239	27	75.915			265	22	76.875		
240	28	75.839			266	23	76.977		
241	29	75.920			267	24	77.045		
242	30	76.066			268	25	77.077		
243	31	76.243			269	26	77.320		
					270	27	77.420		
					271	28	77.526		
					272	29	77.500		
					273	30	77.579		

BUOY (7048) 89 Oct				BUOY (7048) 89 Nov					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	77.388			305	1	74.526		
275	2	77.176			306	2	74.656		
276	3	77.055			307	3	74.853		
277	4	76.930			308	4	74.861		
278	5	76.536			309	5	74.963		
279	6	76.350			310	6	75.142		
280	7	76.402			311	7	75.385		
281	8	76.367			312	8	75.479		
282	9	76.448			313	9	75.512		
283	10	76.587			314	10	75.375		
284	11	76.844			315	11	75.297		
285	12	77.102			316	12	75.152		
289	16	76.642			317	13	75.012		
290	17	76.384			318	14	75.193		
291	18	76.361			319	15	75.222		
292	19	76.172			320	16	75.361		
293	20	76.077			321	17	75.768		
294	21	75.929			322	18	75.690		
295	22	75.942			323	19	75.633		
296	23	75.712			324	20	75.563		
297	24	75.407			325	21	75.523		
300	27	75.160			326	22	75.622		
301	28	75.453							
302	29	75.269							
303	30	75.231							
304	31	74.769							

BUOY (7049)	LAT	LON	P	T	BUOY (7049)	LAT	LON	P	T
89 Jan	(N)	(+E, -W)	(MB)	(C)	89 Feb	(N)	(+E, -W)	(MB)	(C)
5	5	83.624	-52.165		33	2	83.623	-52.200	
16	16	83.626	-52.145		34	3	83.623	-52.211	
					38	7	83.621	-52.196	
					42	11	83.620	-52.226	

BUOY (7049)	LAT	LON	P	T	BUOY (7049)	LAT	LON	P	T
89 May	(N)	(+E, -W)	(MB)	(C)	89 Jul	(N)	(+E, -W)	(MB)	(C)
133	13	83.623	-52.171		187	6	83.665	-51.812	
146	26	83.619	-52.183		188	7	83.669	-51.711	
					190	9	83.681	-51.709	
					191	10	83.711	-51.588	
					192	11	83.719	-51.551	
					193	12	83.746	-51.397	
					194	13	83.783	-51.231	
					195	14	83.766	-51.258	
					196	15	83.770	-51.532	
					197	16	83.773	-51.672	
					198	17	83.764	-51.816	
					199	18	83.758	-51.964	
					200	19	83.772	-51.720	
					201	20	83.761	-51.635	
					202	21	83.756	-51.592	
					203	22	83.751	-51.607	
					204	23	83.744	-51.413	
					205	24	83.736	-51.363	
					206	25	83.736	-51.227	
					207	26	83.737	-51.184	
					208	27	83.748	-51.091	
					209	28	83.741	-51.050	
					210	29	83.741	-51.064	
					211	30	83.731	-51.134	

BUOY 7049

BUOY (7049) 89 Aug				BUOY (7049) 89 Sep					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
213	1	83.721	-51.140		244	1	83.225	-53.259	
214	2	83.713	-51.127		245	2	83.222	-53.269	
215	3	83.709	-51.157		246	3	83.217	-53.282	
216	4	83.709	-51.205		247	4	83.191	-53.316	
217	5	83.713	-51.408		248	5	83.147	-53.218	
218	6	83.715	-51.528		249	6	83.147	-53.216	
219	7	83.712	-51.470		250	7	83.151	-53.160	
220	8	83.694	-51.738		251	8	83.153	-53.127	
221	9	83.669	-51.934		252	9	83.150	-53.130	
222	10	83.636	-52.126		253	10	83.149	-53.167	
223	11	83.613	-52.326		254	11	83.127	-53.319	
224	12	83.608	-52.358		255	12	83.125	-53.315	
225	13	83.577	-52.433		256	13	83.125	-53.379	
226	14	83.540	-52.423		257	14	83.122	-53.400	
227	15	83.525	-52.530		258	15	83.125	-53.546	
230	18	83.380	-53.240		259	16	83.107	-53.777	
231	19	83.353	-53.231		260	17	83.109	-54.005	
232	20	83.329	-53.163		261	18	83.121	-54.131	
233	21	83.336	-53.047		262	19	83.111	-53.975	
234	22	83.337	-52.965		263	20	83.120	-53.958	
235	23	83.338	-52.947		264	21	83.100	-54.044	
236	24	83.335	-52.908		265	22	83.074	-54.099	
237	25	83.330	-52.901		266	23	83.073	-54.025	
238	26	83.327	-52.934		267	24	83.066	-54.118	
239	27	83.325	-52.936		268	25	83.057	-54.143	
240	28	83.314	-52.926		269	26	83.050	-54.143	
241	29	83.286	-52.962		270	27	83.058	-53.913	
242	30	83.271	-53.080		271	28	83.071	-53.648	
243	31	83.250	-53.134		272	29	83.048	-53.587	
					273	30	83.048	-53.578	

BUOY (7049) 89 Oct				BUOY (7049) 89 Nov					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	83.061	-53.507		305	1	82.898	-54.406	
275	2	83.061	-53.417		306	2	82.898	-54.390	
276	3	83.057	-53.427		307	3	82.897	-54.403	
277	4	83.060	-53.424		308	4	82.901	-54.413	
278	5	83.058	-53.446		309	5	82.900	-54.436	
279	6	83.057	-53.447		310	6	82.899	-54.467	
280	7	83.058	-53.432		311	7	82.892	-54.448	
281	8	83.059	-53.442		312	8	82.899	-54.449	
282	9	83.059	-53.445		313	9	82.895	-54.431	
283	10	83.059	-53.444		314	10	82.897	-54.382	
284	11	83.060	-53.457		315	11	82.898	-54.364	
285	12	83.050	-53.645		316	12	82.897	-54.369	
289	16	83.004	-53.872		317	13	82.897	-54.394	
290	17	82.986	-53.901		318	14	82.896	-54.380	
291	18	82.969	-53.973		319	15	82.892	-54.478	
292	19	82.953	-54.140		320	16	82.863	-54.971	
293	20	82.955	-54.174		321	17	82.846	-55.052	
294	21	82.947	-54.182		322	18	82.840	-55.059	
295	22	82.951	-54.206		323	19	82.825	-55.326	
296	23	82.950	-54.180		324	20	82.836	-55.631	
297	24	82.946	-54.136		325	21	82.856	-55.293	
300	27	82.960	-53.981		326	22	82.844	-55.351	
301	28	82.951	-54.072		327	23	82.833	-55.368	
302	29	82.937	-54.050		328	24	82.831	-55.367	
303	30	82.935	-53.980		329	25	82.833	-55.418	
304	31	82.915	-54.199		330	26	82.825	-55.345	
					331	27	82.828	-55.419	
					332	28	82.811	-55.280	
					333	29	82.790	-55.320	
					334	30	82.772	-55.311	

BUOY 7049

BUOY (7049) 89 Dec	LAT (N)	LON (+E, -W)	P (MB)	T (C)
335	1	82.769	-55.204	
336	2	82.768	-55.213	
337	3	82.769	-55.211	
338	4	82.767	-55.190	
339	5	82.768	-55.191	
340	6	82.769	-55.199	
341	7	82.767	-55.180	
342	8	82.770	-55.181	
343	9	82.770	-55.178	
344	10	82.769	-55.191	
345	11	82.768	-55.196	
346	12	82.769	-55.202	
347	13	82.770	-55.178	
348	14	82.768	-55.177	
349	15	82.769	-55.183	
350	16	82.768	-55.191	
351	17	82.768	-55.168	
352	18	82.769	-55.179	
353	19	82.769	-55.188	
354	20	82.768	-55.182	
355	21	82.768	-55.210	
356	22	82.769	-55.196	
357	23	82.772	-55.179	
358	24	82.770	-55.174	
359	25	82.770	-55.180	
360	26	82.771	-55.171	
361	27	82.770	-55.191	
362	28	82.771	-55.180	
363	29	82.769	-55.184	
364	30	82.767	-55.196	
365	31	82.772	-55.148	

BUOY 7055

BUOY(7055)		LAT	LON	P	T
89 Oct		(N)	(+E,-W)	(MB)	(C)
284	11	69.915	-134.293	996.5	-0.1*
285	12	69.911	-134.303	1009.7	-1.4

BUOY 7056

BUOY (7056) 89 Jan					BUOY (7056) 89 Feb					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
2	2	72.270	-134.301	1002.2	-19.6	32	1	72.058	-134.014	-28.5
3	3	72.244	-134.731	1011.9	-25.1	33	2	72.062	-133.982	-26.3
4	4	72.221	-135.007	1021.0	-29.8	34	3	72.064	-133.950	1033.4
5	5	72.230	-135.142	1025.7	-29.2	35	4	72.040	-133.644	1025.7
6	6	72.304	-135.336	1022.1	-24.4	36	5	71.992	-133.170	1024.7
7	7	72.396	-135.528	1012.1	-21.4	37	6	71.959	-132.907	-6.1*
8	8	72.475	-135.690	1005.6	-18.3	38	7	71.971	-132.861	1022.4
9	9	72.556	-135.754	989.3	-18.2	39	8	71.971	-132.801	1015.2
10	10	72.548	-135.574	991.8	-17.8	41	10	71.947	-132.661	1012.0
11	11	72.499	-135.508	996.6	-19.2	42	11	71.945	-132.667	1011.9
12	12	72.425	-135.491	994.1	-24.5	43	12	71.947	-132.658	1024.3
13	13	72.304	-135.206	1001.9	-27.5	44	13	71.962	-132.672	-21.6*
14	14	72.232	-134.956	1008.0	-28.1	45	14	71.942	-132.864	1038.7
15	15	72.237	-134.936	1004.4	-29.5	46	15	71.973	-132.977	1039.3
16	16	72.235	-134.929	1013.0	-32.4	47	16	72.042	-132.837	1031.1
17	17	72.235	-134.930	1015.6	-36.0	48	17	72.025	-132.708	1025.7
18	18	72.238	-134.938	1017.6	-35.2	49	18	72.020	-132.701	1019.3
19	19	72.236	-134.931	1024.6	-33.9	50	19	72.021	-132.702	1013.7
20	20	72.236	-134.925	1018.8	-34.8	51	20	72.051	-132.751	1011.9
21	21	72.236	-134.921	1013.0	-37.2	52	21	72.072	-132.722	1011.2
22	22	72.206	-134.730	1012.3	-36.0	53	22	72.079	-132.792	1002.9
23	23	72.210	-134.494	1013.3	-34.0	54	23	72.031	-132.698	1013.6
24	24	72.213	-134.470	1011.2	-36.1	55	24	72.000	-132.603	1028.4
25	25	72.211	-134.476	1012.2	-37.3	58	27	71.893	-131.777	1036.6
26	26	72.203	-134.478	1009.3	-37.1	59	28	71.895	-131.593	1026.9
27	27	72.163	-134.486	1011.6	-35.4					
28	28	72.130	-134.390	1015.5	-35.5					
29	29	72.109	-134.230	1021.4	-36.0					
30	30	72.081	-134.137	1037.7	-34.6					
31	31	72.059	-134.057		-31.7					

BUOY (7056) 89 Mar					BUOY (7056) 89 Apr					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
60	1	71.910	-131.491	1007.9	-11.8	91	1	71.961	-131.486	1012.3
61	2	71.916	-131.532	1022.5	-20.8	92	2	71.962	-131.487	1011.8
62	3	71.904	-131.573	1040.9	-26.3	93	3	71.961	-131.488	1013.1
63	4	71.901	-131.551	1045.3	-28.5*	94	4	71.959	-131.469	1010.5
64	5	71.926	-131.531	1033.4	-27.4	102	12	71.952	-131.182	1009.3
65	6	71.943	-131.535	1015.1	-26.5	103	13	71.949	-131.170	1017.7
66	7	71.918	-131.514		-25.7*	104	14	71.941	-131.250	1023.7
67	8	71.903	-131.504	1021.5	-28.4*	105	15	71.928	-131.433	1034.2
68	9	71.906	-131.500		-28.7	106	16	71.918	-131.570	1031.8
69	10	71.945	-131.482	1028.4	-25.7	107	17	71.900	-131.798	1026.3
70	11	71.983	-131.247	1009.0	-14.3	108	18	71.867	-132.057	1031.0
71	12	71.948	-131.169	1029.3	-13.7	109	19	71.813	-132.203	1030.7
72	13	71.948	-131.163	1031.3	-19.0*	110	20	71.760	-132.351	1026.1
73	14	71.960	-131.155	1033.5	-18.6	111	21	71.736	-132.594	1027.3
74	15	71.942	-131.189	1040.1	-22.7	112	22	71.686	-132.803	1019.7
75	16	71.948	-131.154	1034.3	-22.4	113	23	71.662	-132.963	1020.2
76	17	71.949	-131.172	1030.9	-23.6	114	24	71.667	-133.067	1015.7
77	18	71.939	-131.158	1026.5	-23.1	115	25	71.679	-133.241	1009.5
78	19	71.939	-131.161		-23.8*	116	26	71.691	-133.363	1011.8
79	20	71.939	-131.155	1031.0	-23.2	117	27	71.652	-133.307	1019.9
80	21	71.938	-131.152	1018.2	-22.0	118	28	71.552	-133.286	1031.7
81	22	71.936	-131.149	1009.8	-22.8	119	29	71.520	-133.222	1030.9
82	23	71.940	-131.159	1016.2	-26.8					
83	24	71.939	-131.156	1026.3	-30.0					
84	25	71.937	-131.157	1029.6	-30.8					
87	28	71.943	-131.182	1021.9	-25.8					
88	29	71.956	-131.337	1017.5	-24.3					
89	30	71.961	-131.480	1016.5	-22.7					
90	31	71.960	-131.482	1014.9	-22.8					

BUOY 7056

BUOY(7056)		LAT	LON	P	T	BUOY(7056)		LAT	LON	P	T
89 May		(N)	(+E, -W)	(MB)	(C)	89 Jun		(N)	(+E, -W)	(MB)	(C)
122	2	71.412	-132.569	1013.2	-8.4*	152	1	71.428	-136.145	1009.0	2.8
123	3	71.408	-132.570	1017.0	-9.0	153	2	71.392	-136.078	1017.3	2.0
124	4	71.414	-132.569	1012.4	-9.3	154	3	71.353	-136.046	1025.0	1.5
125	5	71.408	-132.575	1003.9	-7.9	155	4	71.379	-136.295	1014.9	1.7
128	8	71.391	-132.655	1024.9	-11.8*	156	5	71.361	-136.445	1016.1	1.6
129	9	71.391	-132.666	1031.6	-9.5	157	6	71.323	-136.454	1020.8	2.0
130	10	71.386	-132.639	1030.0	-7.7	158	7	71.276	-136.443	1024.7	1.8
131	11	71.385	-132.757	1023.4	-7.7	159	8	71.275	-136.468	1017.6	1.2
132	12	71.397	-132.919	1019.7	-6.9	160	9	71.295	-136.502	1008.2	1.3
133	13	71.381	-133.023	1016.5	-6.1	161	10	71.264	-136.472	1003.1	1.9
134	14	71.372	-133.030	1023.5	-6.1	162	11	71.218	-136.395	1008.3	1.2
138	18	71.332	-133.566	1017.4	-5.9	163	12	71.221	-136.475	1007.1	1.3
139	19	71.322	-133.589	1020.3	-4.0	164	13	71.194	-136.538	1017.5	1.2
140	20	71.305	-133.577	1032.2	-4.2	165	14	71.166	-136.609		0.7*
141	21	71.300	-133.593	1027.3	-4.0	166	15	71.159	-136.725	1017.7	0.7
142	22	71.289	-133.885	1020.2	-5.0	167	16	71.203	-136.913	1007.6	1.2
143	23	71.274	-134.320	1025.5	-7.2	168	17	71.192	-136.975	1007.9	1.2
144	24	71.285	-134.757	1022.9	-8.4						
145	25	71.304	-135.141		-7.4*						
146	26	71.335	-135.337	1023.6	-6.1						
147	27	71.340	-135.444	1018.3	-3.6						
148	28	71.317	-135.514	1012.9	-0.6						
149	29	71.296	-135.645	1019.0	1.0						
150	30	71.365	-135.949	1013.2	0.4						
151	31	71.436	-136.095	1007.8	2.0						

BUOY 7405

BUOY (7405) 89 Apr					BUOY (7405) 89 May					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
108	18	87.455	-120.465		121	1	87.461	-122.680	1005.6	-20.5
109	19	87.454	-120.459		122	2	87.456	-122.768	1010.6	-18.6
110	20	87.459	-120.411		123	3	87.408	-123.040	1003.4	-15.7
111	21	87.464	-120.378		124	4	87.415	-123.723	1016.1	-12.8
112	22	87.458	-120.590		125	5	87.391	-123.782	1015.2	-6.0*
113	23	87.433	-121.913		126	6	87.346	-124.665	1013.6	-8.2
114	24	87.416	-122.966		127	7	87.288	-125.417	1015.7	-9.8*
115	25	87.394	-123.379	1026.0	128	8	87.264	-125.342	1017.1	-6.7*
116	26	87.376	-123.146	1019.5	129	9	87.224	-125.156	1017.1	-6.8
117	27	87.393	-122.607	1019.8	130	10	87.212	-124.966	1021.5	-5.0
118	28	87.424	-122.925	1005.7	131	11	87.182	-124.770	1021.4	-5.2
119	29	87.419	-123.367	994.9	132	12	87.166	-124.437	1029.4	-9.3
120	30	87.449	-123.054	1004.1	133	13	87.170	-124.160	1026.8	-11.6
					134	14	87.172	-123.716	1022.7	-12.4
					135	15	87.175	-123.327	1020.1	-12.2
					138	18	87.145	-121.977		-9.5
					139	19	87.148	-121.744	1026.7	-11.1
					140	20	87.151	-121.634	1028.7	-10.7
					141	21	87.149	-121.635	1028.1	-11.2
					142	22	87.150	-121.639	1026.5	-11.8
					143	23	87.137	-121.741	1023.7	-12.3
					144	24	87.151	-121.551	1024.9	-11.2
					145	25	87.212	-120.967	1018.1	-10.7
					146	26	87.286	-120.002	1006.7	-7.3
					147	27	87.380	-118.810	995.0	-6.5
					148	28	87.461	-117.107	1005.0	-4.3
					149	29	87.477	-116.000	1012.7	-4.2
					150	30	87.512	-115.228	1014.5	-4.6
					151	31	87.565	-114.058	1010.2	-2.2

BUOY (7405) 89 Jun					BUOY (7405) 89 Jul						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
152	1	87.641	-112.941	1003.8	-1.6	182	1	88.455	-78.248	1005.4	0.4
153	2	87.692	-111.604	1006.1	-1.5*	183	2	88.404	-78.957	993.5	0.4
154	3	87.721	-109.637	1008.9	-0.5	184	3	88.399	-78.501	994.1	1.2
155	4	87.762	-107.903	1009.5	-1.9	185	4	88.401	-77.158	994.7	1.1
156	5	87.808	-105.992	1008.9	-1.9	186	5	88.427	-75.408	991.2	0.9
157	6	87.862	-103.859	1002.6	-1.6	187	6	88.453	-73.625	989.5	1.0
158	7	87.917	-102.039	1003.7	-1.2	188	7	88.472	-72.203	984.3	1.2
159	8	87.956	-101.721	1001.0	-0.6	189	8	88.410	-70.636	985.7	0.9
160	9	87.963	-100.141	1008.2	-1.7	190	9	88.414	-69.083	992.2	1.7
161	10	87.996	-98.755	1009.8	-2.9	191	10	88.450	-71.242	995.9	0.9
162	11	88.045	-98.549	1002.2	-1.4	192	11	88.530	-70.665	998.3	0.9
163	12	88.093	-98.112	1002.8	0.0	193	12	88.582	-70.213	996.8	0.8
164	13	88.087	-97.978	1005.7	0.6	194	13	88.635	-68.741	1005.6	0.9
165	14	88.016	-97.468	1002.8	-1.4	195	14	88.633	-66.482	1017.1	0.8
166	15	88.020	-96.099	1000.7	-0.7	196	15	88.667	-64.728	1015.9	0.8
167	16	88.079	-94.599	991.1	-0.8	197	16	88.747	-63.547	1014.2	1.0
168	17	88.135	-92.576	989.8	-0.7	198	17	88.800	-61.707	1012.0	1.0
169	18	88.199	-90.777	988.6	-0.5	199	18	88.897	-60.818	1005.6	1.5
170	19	88.249	-89.554	986.9	-0.2	200	19	88.968	-62.808	994.8	1.4
171	20	88.246	-88.377	993.4	-1.6	201	20	88.993	-62.177	992.5	1.3
172	21	88.247	-85.480	998.4	-1.2	202	21	89.041	-56.723	1000.3	0.9*
173	22	88.277	-81.261	988.4	-0.4	203	22	89.032	-54.851	1003.8	0.3
174	23	88.243	-78.362	1003.1	-0.1	204	23	89.050	-54.803	1005.8	0.2
175	24	88.241	-76.295	1011.7	0.2	205	24	89.033	-54.078	994.2	-0.6
176	25	88.266	-74.752	1003.9	0.8	206	25	89.041	-53.811	998.3	0.2
177	26	88.270	-73.997	1005.4	1.5	207	26	89.013	-51.003	999.1	0.9
178	27	88.264	-73.512	1010.8	1.1	208	27	88.987	-50.341	990.7	1.2
179	28	88.280	-72.444	1006.8	1.0	209	28	88.933	-48.331	996.8	0.8
180	29	88.354	-72.127		0.6	210	29	88.882	-45.600	1004.9	1.3
181	30	88.427	-74.505	1003.4	0.5	211	30	88.824	-43.301	1006.9	0.5
						212	31	88.775	-38.929	997.4	-0.1

BUOY 7405

BUOY (7405) 89 Aug					BUOY (7405) 89 Sep						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
213	1	88.728	-34.309	991.0	0.5	244	1	87.555	-21.221	1008.8	-4.2
214	2	88.673	-32.408	999.8	0.9	245	2	87.520	-20.438	1005.3	-3.4
215	3	88.638	-30.579	1006.0	1.1	246	3	87.481	-19.476	1001.7	-2.7
216	4	88.612	-29.394	1012.4	1.3	247	4	87.461	-18.122	992.9	-2.8
217	5	88.634	-28.506	1011.1	1.3	248	5	87.390	-16.998	996.9	-2.8
218	6	88.701	-28.783	1005.6	1.0	249	6	87.304	-15.374	998.7	-2.5*
219	7	88.702	-29.223	1001.4	0.3	250	7	87.248	-14.129	997.8	-3.5
220	8	88.684	-29.489	1006.7	-0.2	251	8	87.204	-13.168	1001.9	-6.0
221	9	88.650	-29.965	1014.6	-0.8	252	9	87.188	-12.648	1008.4	-6.7
222	10	88.597	-30.446	1020.4	-2.1	253	10	87.141	-11.273	1005.5	-9.3
223	11	88.558	-29.158	1019.6	-2.0	254	11	87.088	-9.177	1001.6	-8.2
224	12	88.544	-25.968	1014.7	-0.4	255	12	87.044	-8.302	1006.8	-4.8
225	13	88.531	-23.953	1012.5	0.0	256	13	87.030	-7.897	1009.9	-4.5
226	14	88.511	-23.691	1012.9	1.0	257	14	87.078	-8.778	1007.5	-2.7
227	15	88.503	-24.083	1014.2	1.3	258	15	87.153	-8.914	1017.4	-0.3
228	16	88.477	-25.309	1006.1	0.8	259	16	87.218	-9.277	1020.1	-3.3
229	17	88.416	-26.617	994.4	0.1	260	17	87.289	-10.155	1018.5	-7.0
230	18	88.385	-27.438	995.5	-0.1	261	18	87.287	-11.495	1007.9	-6.0
231	19	88.360	-28.434	999.7	-2.1	262	19	87.286	-11.336	1007.7	-7.8
232	20	88.326	-28.582	1002.9	-3.0	263	20	87.255	-10.453	1007.0	-9.3
233	21	88.362	-26.471	994.3	-1.3	264	21	87.246	-10.241	1007.2	-12.1
234	22	88.329	-24.887	997.7	0.1	265	22	87.239	-9.919	1011.7	-8.6
235	23	88.295	-24.405	1001.8	-1.9	266	23	87.251	-9.698	1010.6	-8.0
236	24	88.223	-21.532	1002.9	-0.8	267	24	87.281	-9.702	1007.2	-8.6
237	25	88.080	-19.851	1008.6	-1.5	268	25	87.257	-9.720	1006.1	-11.8
238	26	87.944	-19.198	1013.5	-2.2	269	26	87.124	-10.537	991.6	-9.8
239	27	87.855	-18.156	1010.1	-2.9	270	27	86.905	-11.403	967.2	-7.6
240	28	87.769	-18.418	1003.9	-3.1	271	28	86.773	-9.589	969.6	-8.3
241	29	87.749	-20.051	1015.1	-3.6	272	29	86.675	-9.156	988.5	-5.4
242	30	87.692	-20.430	1006.5	-2.3	273	30	86.557	-8.178	998.1	-7.8
243	31	87.614	-21.828	1010.1	-2.5						

BUOY (7405) 89 Oct					BUOY (7405) 89 Nov						
LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)				
274	1	86.484	-6.162	996.9	-9.1	305	1	85.664	-3.539		-17.9
275	2	86.410	-4.578	1000.6	-8.1	306	2	85.635	-3.196	1012.3	-17.9
276	3	86.337	-4.120	1009.5	-8.3	307	3	85.624	-3.167	1004.9	-24.0
277	4	86.303	-3.944	1013.0	-9.1	308	4	85.624	-3.531	1007.1	-17.6
278	5	86.284	-3.865	1014.6	-9.6	309	5	85.535	-2.998	1017.6	-20.4
279	6	86.271	-3.887	1018.2	-12.2	310	6	85.491	-3.310	1001.5	-22.0
280	7	86.265	-4.043	1025.7	-11.0	311	7	85.272	-2.924	1011.4	-20.7
281	8	86.261	-4.303	1022.1	-10.7	312	8	85.243	-2.611	1015.2	-28.7
282	9	86.264	-4.706	1022.0	-10.0	313	9	85.196	-2.202	1022.9	-30.8
283	10	86.298	-4.999		-7.5	314	10	85.140	-1.340	1023.8	-27.9
284	11	86.290	-4.815	1010.1	-8.4	315	11	85.077	-1.020	1028.8	-27.9
285	12	86.283	-5.091	1008.5	-13.0	316	12	85.052	-0.909	1021.4	-28.6
289	16	86.210	-4.774	1008.3	-12.9	317	13	85.046	-1.359	1019.4	-27.5
290	17	86.172	-4.908	1015.7	-15.6	318	14	85.024	-1.650	1021.5	-29.8
291	18	86.115	-4.702	1018.2	-13.9	319	15	85.018	-1.734	1023.1	-29.4
292	19	86.090	-4.618	1014.1	-13.7	320	16	85.126	-3.158	1001.0	-25.3
293	20	86.101	-4.824	1009.2	-16.0	321	17	85.149	-5.146	1007.0	-20.7
294	21	86.063	-4.758	1005.0	-18.6	322	18	85.061	-5.344	1024.5	-25.8
295	22	85.906	-3.790	1003.5	-18.7	323	19	85.052	-5.474	1016.8	-30.3*
296	23	85.817	-3.663	1009.4	-19.9	324	20	85.116	-6.261	1012.4	-27.6
297	24	85.813	-3.926	1008.4	-17.3	325	21	85.155	-6.707	1016.5	-22.6
298	25	85.799	-3.910	1010.5	-19.9	326	22	85.134	-6.679	1022.2	-21.2
299	26	85.766	-3.593	1005.1	-23.0	327	23	85.088	-6.642	1021.9	-25.0
300	27	85.742	-2.972	1007.9	-25.7	328	24	85.066	-6.508	1010.6	-30.5
301	28	85.763	-3.640	1006.9	-22.5	329	25	85.111	-6.559	1002.1	-26.7
302	29	85.733	-3.800	1002.7	-22.7	330	26	85.138	-6.767	1002.8	-19.8
303	30	85.719	-3.566	1012.8	-24.9	331	27	85.117	-6.748	1003.0	-22.3
304	31	85.655	-3.238	1020.1	-20.3	332	28	85.135	-6.611	996.2	-19.0
						333	29	85.047	-6.762	986.0	-21.3
						334	30	84.889	-6.086	991.6	-29.3

BUOY 7405

BUOY (7405)		LAT	LON	P	T
89 Dec		(N)	(+E, -W)	(MB)	(C)
335	1	84.726	-4.683	988.8	-28.6
336	2	84.583	-3.627	996.0	-27.6
337	3	84.398	-2.613	1003.2	-26.5
338	4	84.179	-1.725	1021.5	-25.6
339	5	84.120	-1.600	1019.4	-29.4
340	6	84.002	-1.324	1019.3	-27.4
341	7	83.959	-1.323	1025.0	-28.0
342	8	83.933	-1.310	1023.7	-33.0
343	9	83.904	-1.246	1026.1	-32.2
344	10	83.892	-1.241	1025.2	-29.2
345	11	83.828	-1.210	1026.8	-27.3
346	12	83.744	-1.042	1016.5	-25.4
347	13	83.665	-1.361	1018.3	-25.6
348	14	83.609	-1.655	1021.5	-27.5
349	15	83.577	-1.737		-28.5
350	16	83.547	-1.796		-26.8
351	17	83.473	-1.985	1025.8	-26.3
352	18	83.343	-1.842	1020.0	-26.2
353	19	83.239	-1.445	1012.9	-27.6
354	20	83.198	-1.273	1008.3	-31.9
355	21	83.169	-1.223	1008.3	-36.0
356	22	83.107	-1.171	1000.3	-34.6
357	23	82.922	-0.648	993.9	-30.2
358	24	82.837	-0.277	998.8	-31.4
359	25	82.800	-0.169	1000.4	-32.9
360	26	82.750	-0.507	982.9	-20.9
361	27	82.728	-0.699	980.9	-13.4
362	28	82.693	-0.843	978.9	-13.9
363	29	82.611	-1.289	993.3	-13.1
364	30	82.586	-1.490	1003.7	-19.5
365	31	82.563	-2.068	1010.0	-20.7

BUOY 7406

BUOY (7406) 89 Apr					BUOY (7406) 89 May					
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
112	22	84.012	-65.491		121	1	84.026	-65.611	1002.3	-20.8
113	23	84.025	-65.941	1030.9	122	2	84.027	-65.612	1005.3	-20.3
114	24	84.027	-65.991	1032.2	123	3	84.031	-65.591	1005.1	-18.4
115	25	84.028	-66.008	1022.9	124	4	84.034	-65.691	1013.7	-19.4
116	26	84.029	-65.957	1024.7	125	5	84.032	-65.681	1011.5	-17.8*
117	27	84.029	-65.904	1025.3	126	6	84.034	-65.886	1002.9	-11.8*
118	28	84.029	-65.892	1013.1	127	7	84.056	-66.244	1013.9	-10.3
119	29	84.029	-65.571	1002.9	128	8	84.065	-66.288	1017.7	-14.0
120	30	84.032	-65.529	1005.8	129	9	84.045	-66.246	1013.0	-14.3
					130	10	84.040	-66.185	1020.8	-12.2
					131	11	84.035	-66.165	1016.8	-13.5
					132	12	84.030	-66.162	1025.8	-11.4
					133	13	84.027	-66.173	1023.4	-11.6
					134	14	84.026	-66.159	1019.4	-12.0
					138	18	84.016	-66.118	1019.9	-8.8
					139	19	84.010	-66.119	1024.3	-8.3
					140	20	84.010	-66.112	1026.4	-7.9
					141	21	84.009	-66.103	1021.9	-8.8
					142	22	84.010	-66.110	1015.5	-9.0
					143	23	84.009	-66.120	1013.7	-8.0
					144	24	84.009	-66.130	1022.9	-7.7
					145	25	84.009	-66.113	1024.7	-6.7*
					146	26	84.011	-65.949	1019.0	-9.4
					147	27	84.019	-65.592	1017.2	-7.6
					148	28	84.029	-65.006	1019.0	-5.4
					149	29	84.032	-64.843	1018.9	-4.5
					150	30	84.033	-64.820	1022.6	-4.3
					151	31	84.034	-64.817	1017.4	-4.7

BUOY (7406) 89 Jun					BUOY (7406) 89 Jul					
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
152	1	84.034	-64.813	1013.2	182	1	84.197	-62.384	1000.2	1.4
153	2	84.034	-64.815	1011.7	183	2	84.194	-62.483	997.9	2.5
154	3	84.033	-64.825	1018.6	184	3	84.190	-62.261	999.1	1.3
155	4	84.033	-64.814	1016.1	185	4	84.199	-62.102	998.8	1.1
156	5	84.034	-64.821	1017.9	186	5	84.202	-62.113	995.0	1.9
157	6	84.034	-64.823	1013.5	187	6	84.212	-62.001	992.3	2.3
158	7	84.032	-64.810	1011.0	188	7	84.223	-61.270	993.5	1.4
159	8	84.034	-64.824	1008.4	189	8	84.225	-60.725	992.2	1.0
160	9	84.031	-64.839	1013.7	190	9	84.258	-60.861	983.4	1.6
161	10	84.032	-64.801	1016.0	191	10	84.308	-60.604	994.7	2.1
162	11	84.033	-64.820	1008.8	192	11	84.305	-60.433	1002.4	2.6
163	12	84.039	-64.847	1004.6	193	12	84.349	-60.317	996.6	2.8
164	13	84.046	-64.922	1003.3	194	13	84.364	-60.165	1008.9	2.7
165	14	84.037	-64.833	1003.0	195	14	84.347	-60.099	1021.2	1.5
166	15	84.035	-64.791	1006.4	196	15	84.375	-60.257	1014.0	0.8
167	16	84.040	-64.714	1002.0	197	16	84.392	-60.334	1015.9	2.2
168	17	84.046	-64.669	1000.4	198	17	84.399	-60.308	1011.6	2.7
169	18	84.055	-64.614	1000.0	199	18	84.427	-60.371	998.6	2.4
170	19	84.072	-64.567	990.1	200	19	84.447	-60.179	994.5	1.6
171	20	84.092	-64.385	1001.5	201	20	84.421	-59.404	1001.9	1.4
172	21	84.106	-64.097	1011.3	202	21	84.418	-58.950	1004.4	1.5
173	22	84.118	-63.343	1005.7	203	22	84.427	-58.755	1001.1	0.8
174	23	84.128	-62.552	1009.8	204	23	84.406	-58.148	1005.4	-0.1
175	24	84.130	-62.552	1017.3	205	24	84.402	-57.669	1003.9	0.4
176	25	84.135	-62.467	1010.7	206	25	84.395	-56.689	1005.6	0.8
177	26	84.136	-62.477	1008.3	207	26	84.414	-56.344	1008.9	1.7
178	27	84.135	-62.468	1010.3	208	27	84.422	-56.181	998.7	2.0
179	28	84.135	-62.474	1010.4	209	28	84.415	-55.845	1002.9	1.7
180	29	84.149	-62.408	1001.2	210	29	84.413	-55.858		2.0
181	30	84.210	-62.432	996.1	211	30	84.406	-55.918	1008.3	1.7
					212	31	84.398	-55.923	1002.6	1.9

BUOY 7406

BUOY (7406) 89 Aug					BUOY (7406) 89 Sep						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
213	1	84.385	-55.701	1001.3	1.1	244	1	84.142	-53.498	1013.2	-5.8
214	2	84.369	-55.353	1006.0	1.0	245	2	84.139	-53.492	1005.5	-5.0
215	3	84.367	-55.356	1008.2	0.9	246	3	84.137	-53.484	1000.7	-2.7
216	4	84.372	-55.360	1011.8	0.9	247	4	84.107	-53.312	1000.4	-3.0
217	5	84.398	-55.386	1004.1	1.7	248	5	84.083	-52.909	1008.1	-2.6
218	6	84.424	-55.572	998.2	1.8	249	6	84.083	-52.609	1005.8	-2.5
219	7	84.415	-55.336	999.9	1.4	250	7	84.088	-52.353	1005.9	-0.6
220	8	84.409	-55.201	1006.5	1.6	251	8	84.089	-52.318		-2.9
221	9	84.392	-55.155	1017.0	1.4	252	9	84.088	-52.338	1009.6	-7.7
222	10	84.379	-55.144	1020.0	1.4	253	10	84.085	-52.341	1009.8	-11.7
223	11	84.361	-55.231	1018.5	0.9	254	11	84.050	-52.236	1007.5	-13.9
224	12	84.357	-55.224	1015.8	-0.2	255	12	84.053	-52.238	1008.7	-8.1
225	13	84.345	-55.158	1013.7	-1.4	256	13	84.055	-52.314	1003.1	-10.9
226	14	84.332	-55.024	1013.3	-0.7	257	14	84.051	-52.368	1002.0	-10.4
227	15	84.333	-55.045	1010.4	0.2	258	15	84.069	-52.509	1011.6	-10.7
229	17	84.309	-55.803	1000.8	0.0	259	16	84.060	-52.689	1009.8	-10.7
230	18	84.252	-55.338	994.9	0.4	260	17	84.065	-52.793	1015.4	-12.8
231	19	84.227	-55.207	1002.6	0.3	261	18	84.076	-52.845	1013.6	-13.2
232	20	84.193	-54.982	1006.9	0.1	262	19	84.067	-52.434	1011.2	-12.2
233	21	84.211	-54.567	1003.4	0.7	263	20	84.072	-52.375	1004.0	-10.5
234	22	84.226	-54.131	1006.3	1.4	264	21	84.064	-52.546	1002.3	-12.0
235	23	84.227	-53.965	1008.8	0.5	265	22	84.038	-52.719	1006.7	-16.8
236	24	84.220	-53.511	1017.6	0.1	266	23	84.047	-52.607	1006.8	-13.8
237	25	84.217	-53.301	1021.3	-0.2	267	24	84.047	-52.735	1007.0	-14.0
238	26	84.213	-53.331	1018.4	-3.2	268	25	84.041	-52.755	1008.4	-13.7
239	27	84.207	-53.373	1015.7	-3.2	269	26	84.038	-52.728	1003.1	-13.3
240	28	84.201	-53.347	1012.8	-1.9	270	27	84.034	-52.403	995.2	-12.7
241	29	84.166	-53.405	1013.3	-3.0	271	28	84.019	-50.685	987.7	-10.4
242	30	84.157	-53.411	1011.1	-4.3	272	29	84.025	-50.228	1006.8	-8.6
243	31	84.146	-53.482	1014.5	-2.6	273	30	84.026	-50.213	1004.8	-9.3

BUOY (7406) 89 Oct					BUOY (7406) 89 Nov						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
274	1	84.042	-50.127	1003.1	-9.8	305	1	83.966	-50.700	1010.9	-18.2
275	2	84.062	-49.916	1010.2	-7.7	306	2	83.964	-50.640	1014.8	-21.6
276	3	84.060	-49.915		-7.4	307	3	83.963	-50.648	1000.4	-25.2
277	4	84.061	-49.905		-8.0	308	4	83.967	-50.650	1014.1	-25.9
278	5	84.061	-49.909	1013.8	-8.3	309	5	83.966	-50.631	1015.2	-24.5
279	6	84.059	-49.937	1016.1	-9.0	310	6	83.969	-50.652	1011.4	-24.3
280	7	84.057	-49.916	1022.5	-9.1	311	7	83.964	-50.633	1012.1	-26.5
281	8	84.060	-49.941	1022.5	-11.3	312	8	83.964	-50.621	1019.7	-27.8*
282	9	84.057	-49.935	1025.9	-13.7	313	9	83.968	-50.569	1019.9	-28.0
283	10	84.055	-49.946	1013.7	-14.2	314	10	83.983	-50.308	1031.5	-22.6
284	11	84.057	-49.922	1009.4	-13.5	315	11	83.983	-50.294	1026.6	-23.5
285	12	84.050	-50.208	1004.9	-12.7	316	12	83.982	-50.304	1013.9	-24.4
289	16	84.042	-50.085	1012.9	-14.3	317	13	83.979	-50.335	1019.5	-25.2
290	17	84.038	-50.075	1019.2	-14.5	318	14	83.974	-50.361		-25.2
291	18	84.036	-50.123	1017.0	-13.5	319	15	83.969	-50.549	1003.3	-24.0
292	19	84.024	-50.324	1008.3	-12.7	320	16	83.954	-51.527	997.3	-20.4
293	20	84.028	-50.362	1007.4	-14.4	321	17	83.931	-51.564	1020.4	-19.7
294	21	84.022	-50.310	1013.2	-16.7	322	18	83.927	-51.579	1028.5	-23.9
295	22	84.019	-50.338	1010.7	-17.0	323	19	83.910	-51.945	1002.7	-23.9
296	23	84.018	-50.370	1006.6	-15.2	324	20	83.928	-52.573	999.7	-19.9
297	24	84.014	-50.378	1002.7	-13.7	325	21	83.935	-52.435	1018.1	-17.1
298	25	84.015	-50.379	1010.0	-14.4	326	22	83.921	-52.360	1026.8	-20.8
299	26	84.014	-50.283	1008.6	-16.6	327	23	83.908	-52.365	1021.5	-23.5
300	27	84.049	-49.961	1004.0	-17.0	328	24	83.904	-52.344	1003.3	-22.9
301	28	84.048	-50.014	1006.1	-19.1	329	25	83.908	-52.367	993.6	-21.5
302	29	84.010	-50.198	1007.9	-18.1	330	26	83.909	-52.274	1010.3	-19.9*
303	30	84.006	-50.176	1014.4	-18.3	331	27	83.909	-52.403	991.6	-18.6
304	31	83.994	-50.314	1009.5	-20.7	332	28	83.901	-52.064	999.9	-18.5
						333	29	83.899	-52.045	999.8	-20.8*
						334	30	83.903	-51.766	997.7	-23.7*

BUOY 7406

BUOY (7406) 89 Dec	LAT (N)	LON (+E, -W)	P (MB)	T (C)
335	1	83.897	-51.374	1001.1 -22.2
336	2	83.897	-51.365	1004.7 -22.4
337	3	83.894	-51.358	1021.4 -21.6
338	4	83.899	-51.366	1027.7 -22.1
339	5	83.897	-51.364	1024.5 -26.3
340	6	83.893	-51.386	1027.0 -28.8
341	7	83.895	-51.369	1020.4 -28.8
342	8	83.892	-51.381	1018.3 -27.8
343	9	83.894	-51.386	1016.3 -27.8
344	10	83.893	-51.400	1027.5 -25.5
345	11	83.893	-51.391	1030.6 -26.6
346	12	83.893	-51.382	1023.9 -27.7
347	13	83.893	-51.378	1023.3 -27.2
348	14	83.892	-51.401	1025.6 -27.2
349	15	83.894	-51.393	1025.4 -26.7
350	16	83.894	-51.404	1027.9 -26.9
351	17	83.892	-51.377	-25.9
352	18	83.893	-51.389	1032.3 -24.0
353	19	83.893	-51.392	1016.8 -22.2
354	20	83.893	-51.379	1007.3 -23.1
355	21	83.894	-51.390	1006.1 -25.6
356	22	83.893	-51.392	1008.8 -30.2
357	23	83.893	-51.380	1000.0 -32.4
358	24	83.893	-51.403	997.2 -32.5
359	25	83.893	-51.371	998.6 -32.5
360	26	83.892	-51.374	991.1 -31.4
361	27	83.892	-51.415	989.7 -26.7
362	28	83.894	-51.386	994.4 -24.0
363	29	83.895	-51.393	1002.8 -23.0
364	30	83.894	-51.392	990.9 -21.2
365	31	83.894	-51.379	1009.8 -19.2

BUOY 7407

BUOY (7407) 89 Apr					BUOY (7407) 89 May					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)	
108	18	83.989	-120.323		121	1	83.962	-121.050	1005.6	-20.8
109	19	83.971	-120.502		122	2	83.960	-121.056	1010.1	-20.3
110	20	83.962	-120.649		123	3	83.921	-121.046	1005.6	-18.5
111	21	83.942	-120.850		124	4	83.919	-121.057	1014.6	-17.2
112	22	83.929	-121.194		125	5	83.910	-121.184	1017.0	-18.2
113	23	83.905	-121.989	1030.3	126	6	83.874	-121.236	1008.1	-13.0
114	24	83.923	-122.305	1032.7	127	7	83.824	-121.707	1012.1	-11.1
115	25	83.914	-122.497	1025.5	128	8	83.809	-121.777	1018.0	-10.9
116	26	83.899	-122.429	1023.1	129	9	83.788	-121.635	1017.2	-8.9
117	27	83.920	-122.044	1021.4	130	10	83.780	-121.570	1021.5	-7.6
118	28	83.964	-122.032	1005.2	131	11	83.767	-121.558	1021.3	-5.1
119	29	83.947	-121.051	997.6	132	12	83.758	-121.531	1029.6	-5.5
120	30	83.958	-121.005	1003.4	133	13	83.760	-121.511	1027.0	-9.1
					134	14	83.760	-121.450	1024.0	-11.3
					135	15	83.763	-121.398	1022.5	-12.0
					138	18	83.758	-121.237	1026.1	-9.6
					139	19	83.756	-121.217	1027.6	-9.7
					140	20	83.760	-121.225	1027.8	-9.4
					141	21	83.760	-121.223	1025.7	-10.1
					142	22	83.759	-121.218	1025.4	-11.6
					143	23	83.746	-121.260	1023.7	-12.0
					144	24	83.751	-121.218	1025.8	-11.5
					145	25	83.789	-121.015	1022.4	-9.8
					146	26	83.853	-120.489	1012.7	-8.9
					147	27	83.949	-119.914	1002.3	-6.7
					148	28	84.017	-119.524	1006.7	-1.9
					149	29	84.039	-119.481	1016.4	-2.5
					150	30	84.077	-119.278	1016.0	-2.7
					151	31	84.107	-118.811	1011.7	0.3

BUOY (7407) 89 Jun					BUOY (7407) 89 Jul						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
152	1	84.186	-118.359	1004.2	-0.5	182	1	84.742	-109.777	1002.0	1.9
153	2	84.201	-117.892	1011.2	1.0	183	2	84.701	-109.831	1000.3	0.6
154	3	84.213	-117.683	1014.7	0.6	184	3	84.683	-109.283	995.6	1.1
155	4	84.229	-117.283	1015.0	-0.6	185	4	84.711	-108.966	994.1	0.7
156	5	84.234	-117.181	1014.7	-0.7	186	5	84.756	-108.614	989.9	1.2
157	6	84.243	-116.897	1010.2	-0.8	187	6	84.795	-108.195	985.4	1.2
158	7	84.297	-116.278	1003.0	0.0	188	7	84.771	-107.366	992.8	1.1
159	8	84.309	-115.787	1005.6	0.6	189	8	84.773	-106.776	983.0	0.4
160	9	84.311	-115.677	1012.4	-1.1	190	9	84.781	-107.091	989.8	0.4
161	10	84.356	-115.687	1006.1	-0.7	191	10	84.736	-106.946	989.3	0.7
162	11	84.426	-115.801	999.0	0.8	192	11	84.763	-106.409	993.2	0.9
163	12	84.424	-115.831	1003.9	0.7	193	12	84.803	-106.787	992.3	0.5
164	13	84.352	-116.383	1008.0	-1.0	194	13	84.803	-106.046	1007.6	0.8
165	14	84.303	-116.048	1006.9	-1.1	195	14	84.855	-105.569	1015.8	0.8
166	15	84.322	-115.810	1001.8	-0.1	196	15	84.958	-105.730	1006.1	0.9
167	16	84.367	-115.234	995.9	-0.3	197	16	84.985	-105.360	1012.4	1.5
168	17	84.416	-114.380	991.9	-0.1	198	17	85.071	-105.420	1001.4	1.5
169	18	84.468	-113.786	988.0	0.4	199	18	85.120	-105.224	996.9	1.4
170	19	84.474	-113.780	988.6	-0.4	200	19	85.150	-105.581	989.2	1.1
171	20	84.484	-113.236	996.6	0.2	201	20	85.118	-104.703	995.6	0.6
172	21	84.505	-112.620	1006.4	0.5						
173	22	84.607	-111.373	994.4	0.6*						
174	23	84.589	-110.482	1013.2	0.8						
175	24	84.623	-110.120	1013.6	1.1						
176	25	84.667	-109.793	1005.8	1.2						
177	26	84.659	-109.392		0.9						
178	27	84.663	-109.350	1010.9	1.1						
179	28	84.691	-109.222	1000.5	1.2						
180	29	84.736	-109.060	993.5	1.5						
181	30	84.761	-109.445	995.4	1.7						

BUOY 7408

BUOY (7408) 89 Aug		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (7408) 89 Sep		LAT (N)	LON (+E, -W)	P (MB)	T (C)
239	27	71.678	-135.325	1010.5	2.2	244	1	71.939	-135.894	1006.5	1.1
240	28	71.699	-135.315	1016.3	1.5	245	2	71.930	-136.114	1008.8	0.6
241	29	71.764	-135.590	1010.8	0.9	246	3	71.974	-136.490	1010.6	0.3
242	30	71.867	-135.779	1008.4	1.1	247	4	72.058	-136.703		0.1
243	31	71.923	-135.942	1003.7	1.2	248	5	72.159	-136.688	1009.7	0.7
						249	6	72.237	-136.644	1007.0	1.5
						250	7	72.220	-136.487	1024.6	0.2
						251	8	72.187	-136.395	1028.5	-1.3
						252	9	72.278	-136.141		0.7
						253	10	72.263	-135.907	1001.1	2.2
						254	11	72.181	-135.756		1.7
						255	12	71.997	-135.633	1012.0	0.3
						256	13	71.912	-135.426	1007.3	0.1
						257	14	71.906	-135.432	1006.8	0.5
						258	15	71.882	-135.541	1017.4	-1.2
						259	16	71.673	-135.682	1014.0	-1.8
						262	19	71.215	-136.271	1017.9	-3.9
						263	20	71.032	-136.444	1021.6	-4.2
						264	21	70.901	-136.407	1025.7	-3.8
						265	22	70.940	-136.566	1015.2	-2.1
						266	23	71.051	-136.866	1015.7	-3.2
						267	24	71.072	-137.128	1014.7	-3.1
						268	25	71.248	-137.438	1002.9	-1.3
						269	26	71.332	-137.440	998.8	-0.6
						270	27	71.350	-137.489		-2.1
						271	28	71.432	-137.519	1014.3	-2.3
						272	29	71.627	-137.462	1009.5	-1.5
						273	30	71.713	-137.487	1009.5	-0.6*

BUOY (7408) 89 Oct		LAT (N)	LON (+E, -W)	P (MB)	T (C)	BUOY (7408) 89 Nov		LAT (N)	LON (+E, -W)	P (MB)	T (C)
274	1	71.802	-137.728	1007.3	0.0*	306	2	72.322	-140.479	1018.2	-19.0
275	2	71.852	-137.737	999.8	-1.0	307	3	72.365	-140.823	1010.0	-19.9
276	3	71.799	-137.718	1011.9	-2.3	308	4	72.341	-140.943	1013.7	-24.4
277	4	71.796	-137.839	1013.1	-1.7	309	5	72.284	-140.960	1010.4	-20.0
278	5	71.950	-138.403	1004.9	-1.7	310	6	72.230	-140.898	1008.5	-20.7
279	6	72.097	-138.656	1004.7	-1.1	311	7	72.180	-140.688	1002.8	-21.5
280	7	72.205	-138.935	988.0	-0.8	312	8	72.139	-140.663	1015.4	-29.4
281	8	72.384	-139.199	986.5	-0.1	313	9	72.136	-140.650	1023.9	-33.6
282	9	72.442	-138.628	1003.4	-0.6	314	10	72.144	-140.652	1021.7	-30.0
283	10	72.447	-138.309	1003.4	-1.8	315	11	72.138	-140.645	1026.0	-31.1
284	11	72.452	-138.370	1004.3	-3.9	316	12	72.145	-140.696	1022.0	-29.9
285	12	72.500	-138.267	1010.5	-4.3	317	13	72.201	-141.067	1018.7	-27.8
289	16	72.536	-138.598	1008.7	-8.4	318	14	72.189	-141.457	1018.8	-25.4
290	17	72.547	-138.677	1001.7	-5.7	319	15	72.184	-141.538	1020.6	-29.3
291	18	72.412	-138.756	1010.4	-12.2	320	16	72.172	-141.696	1020.7	-30.4
292	19	72.403	-138.756	1005.2	-12.9	321	17	72.201	-142.230	1018.7	-28.6
293	20	72.490	-139.171		-12.9	322	18	72.211	-142.785	1013.1	-28.5
294	21	72.392	-139.196	1011.0	-17.8	323	19	72.189	-143.254	1018.0	-31.3
295	22	72.271	-138.888	1026.1	-21.7	324	20	72.151	-143.380	1027.0	-32.8
296	23	72.230	-138.791	1019.5	-22.5	325	21	72.140	-143.390	1032.7	-34.2
297	24	72.265	-139.147	1012.5	-20.1	326	22	72.140	-143.394	1032.7	-32.7
298	25	72.235	-139.525		-22.6	327	23	72.115	-143.651	1026.5	-31.2
299	26	72.210	-139.579		-25.0	328	24	72.105	-143.783	1024.7	-30.3
300	27	72.228	-139.595		-22.5	329	25	72.104	-143.769	1024.0	-28.6
301	28	72.270	-139.646	1029.2	-21.0	330	26	72.102	-143.777	1022.6	-33.5
302	29	72.251	-139.621	1032.2	-20.2	331	27	72.105	-143.772	1015.4	-32.1
303	30	72.221	-139.875		-25.9	332	28	72.106	-143.775	1008.8	-31.4
304	31	72.221	-139.974		-27.0*	333	29	72.106	-143.778	1011.9	-31.4
						334	30	72.105	-143.778	1013.2	-31.2*

BUOY 7408

BUOY (7408) 89 Dec	LAT (N)	LON (+E, -W)	P (MB)	T (C)
335	1	72.106	-143.778	1022.5 -28.1*
336	2	72.102	-143.895	1014.7 -23.5
337	3	72.133	-144.603	1015.2 -22.1
338	4	72.219	-145.517	1016.1 -22.1
339	5	72.348	-146.541	1019.2 -20.6
340	6	72.444	-147.501	1029.0 -20.6
341	7	72.528	-148.306	1032.5 -21.4
342	8	72.606	-149.027	1029.6 -23.5
344	10	72.693	-150.036	1027.2 -23.4
345	11	72.704	-150.822	1023.5 -26.1
346	12	72.730	-151.535	1027.4 -29.0
347	13	72.786	-152.154	1025.4 -29.2
348	14	72.861	-152.792	1030.7 -27.8
349	15	72.903	-153.342	-28.2
350	16	73.005	-154.032	-24.6
351	17	73.156	-154.716	1030.6 -18.6
352	18	73.222	-155.089	-16.7
353	19	73.259	-155.173	-21.5
354	20	73.222	-155.218	-23.6
355	21	73.248	-155.108	1018.7 -24.1
356	22	73.144	-155.460	1027.2 -25.9
357	23	73.115	-155.588	1026.3 -28.8
358	24	73.105	-155.644	1023.9 -30.1
359	25	73.082	-155.810	1016.4 -28.1
360	26	73.070	-156.143	1010.9 -25.6
361	27	73.042	-156.202	1005.6 -25.1
362	28	73.046	-156.157	1003.9 -27.4
363	29	73.037	-156.291	1009.6 -29.7

BUOY 7409

BUOY (7409) 89 Apr					BUOY (7409) 89 May						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
91	1	71.406	-140.581	1007.5	-21.9	121	1	71.471	-142.168	1028.2	-12.3
92	2	71.402	-140.569	1011.6	-23.2	122	2	71.452	-142.035	1015.6	-10.5
93	3	71.404	-140.556	1012.9	-24.4*	123	3	71.434	-142.015	1018.5	-11.3
94	4	71.402	-140.535	1009.8	-23.8*	124	4	71.448	-142.003	1010.3	-9.4
99	9	71.392	-140.065	1020.8	-4.2	125	5	71.441	-142.025	1007.6	-9.7
100	10	71.393	-140.031	1015.0	-7.1	126	6	71.442	-142.098	1017.3	-14.3
103	13	71.374	-139.949	1014.9	-7.3	127	7	71.444	-142.157	1022.7	-15.9
106	16	71.521	-140.906	1023.2	-17.9	128	8	71.441	-142.153	1026.2	-15.0
107	17	71.567	-141.358	1025.5	-17.7	130	10	71.434	-142.141	1030.3	-12.4
108	18	71.562	-141.705	1031.9	-20.2	131	11	71.435	-142.148	1025.5	-11.4
109	19	71.540	-141.865	1032.3	-21.0	132	12	71.435	-142.184	1019.2	-8.9
110	20	71.525	-142.044	1028.1	-19.2	133	13	71.433	-142.200	1019.7	-6.6
111	21	71.547	-142.309	1024.9	-15.9	134	14	71.439	-142.279	1020.4	-9.0
112	22	71.590	-142.624	1020.0	-16.6	138	18	71.492	-142.737	1015.4	-6.7
113	23	71.594	-142.748	1020.2	-20.0*	139	19	71.490	-142.731	1022.1	-7.3
114	24	71.594	-142.739	1014.3	-19.3	140	20	71.494	-142.735	1030.8	-5.9
115	25	71.597	-142.755	1007.9	-13.9	141	21	71.511	-142.772	1025.1	-2.6
116	26	71.598	-142.759	1013.5	-7.8	142	22	71.572	-143.198	1019.4	-6.2
117	27	71.579	-142.712	1023.1	-11.1	143	23	71.658	-143.707	1021.5	-9.5
118	28	71.566	-142.655		-18.1	144	24	71.742	-144.248	1019.9	-8.9
119	29	71.557	-142.594		-16.1	145	25	71.787	-144.600	1020.9	-8.4
120	30	71.536	-142.462	1028.7	-14.0	146	26	71.810	-144.709	1021.2	-5.1
						147	27	71.817	-144.763	1017.5	-2.4
						148	28	71.816	-144.795	1013.6	-0.5
						149	29	71.838	-144.926	1016.0	1.2

BUOY (7409) 89 Jun					BUOY (7409) 89 Jul						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
152	1	71.935	-145.239	1010.4	3.2	182	1	71.935	-145.951	1021.4	1.3
153	2	71.921	-145.212	1018.6	3.1	183	2	71.915	-145.890	1017.8	1.9
154	3	71.920	-145.211	1022.9	3.1	184	3	71.896	-145.824	1013.8	2.0
155	4	71.958	-145.443	1014.4	2.1	185	4	71.907	-145.811	1005.1	2.4
157	6	71.949	-145.525	1022.3	2.2	186	5	71.894	-145.655	1006.2	2.2
158	7	71.944	-145.463	1023.0	2.3	188	7	71.866	-145.302	1014.3	2.5
159	8	71.957	-145.435	1016.3	0.8	189	8	71.832	-145.165	1024.7	1.6
160	9	71.959	-145.464	1008.4	1.5	190	9	71.819	-145.061	1022.1	2.1
161	10	71.958	-145.449	1004.1	2.4	191	10	71.808	-144.938	1018.7	2.1
162	11	71.939	-145.352	1008.6	0.6	192	11	71.806	-144.776	1009.7	2.7
163	12	71.978	-145.447	1007.8	0.5	193	12	71.773	-144.537	1011.9	1.9
164	13	71.965	-145.591	1020.5	0.7	194	13	71.785	-144.467	1005.9	2.5
167	16	72.008	-145.966	1005.6	1.1	195	14	71.793	-144.425	1002.9	3.0
168	17	71.994	-145.977	1006.5	0.9	197	16	71.779	-144.418	1003.6	2.4
169	18	71.946	-145.787	1010.1	0.7	198	17	71.732	-144.258	1011.9	1.1
170	19	71.938	-145.714	1001.6	0.9	199	18	71.719	-144.052	1017.9	1.0
171	20	71.950	-145.805	1011.1	0.8	200	19	71.743	-143.980	1001.6	2.2
172	21	72.042	-145.827	1010.7	1.3	201	20	71.725	-144.002	1011.7	1.4
173	22	72.019	-145.849	1020.7	1.5	202	21	71.710	-144.085	1014.7	1.4
174	23	72.007	-146.009	1017.4	1.3	203	22	71.737	-144.255	1013.8	1.4
175	24	71.998	-145.995	1017.4	2.2	204	23	71.778	-144.389		1.0
176	25	71.991	-145.964	1023.8	2.6	205	24	71.813	-144.398	1011.9	1.5
179	28	72.006	-146.065	1017.4	2.8	206	25	71.835	-144.380	1007.2	2.2
180	29	71.997	-145.941	1012.2	2.1	207	26	71.825	-144.209	1008.5	1.3
181	30	71.972	-145.974	1013.2	1.6	208	27	71.761	-144.030	1018.6	1.0

BUOY 7410

BUOY (7410) 89 May					BUOY (7410) 89 Jun						
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)			
133	13	81.315	-109.499	1024.3	-7.9	152	1	81.446	-108.582	1008.7	-2.1
134	14	81.314	-109.489	1021.4	-11.6	153	2	81.445	-108.528	1015.1	0.0
138	18	81.311	-109.481	1025.6	-10.8	154	3	81.444	-108.523	1017.9	0.7
139	19	81.311	-109.484	1026.8	-8.9	155	4	81.443	-108.521	1019.4	-0.1
140	20	81.310	-109.484	1027.2	-8.8	156	5	81.444	-108.519	1018.8	-0.3
141	21	81.311	-109.476	1022.5	-9.8	157	6	81.443	-108.517	1016.1	0.1
142	22	81.310	-109.489	1019.8	-10.2	158	7	81.449	-108.466	1009.6	-1.1
143	23	81.303	-109.502	1019.5	-11.2	159	8	81.446	-108.469	1010.2	-0.4
144	24	81.303	-109.500	1024.1	-10.5*	160	9	81.447	-108.470	1014.9	-0.9
145	25	81.304	-109.500	1026.5	-9.9	161	10	81.491	-108.503	1008.0	-0.8
146	26	81.311	-109.426	1019.9	-10.0	162	11	81.568	-108.430	1001.7	0.3
147	27	81.350	-109.108	1013.7	-8.2*	163	12	81.569	-108.483	995.2	1.3
148	28	81.422	-108.811	1013.2	-6.7	164	13	81.508	-108.479	1003.2	1.0
149	29	81.458	-108.733	1017.3	-6.5	165	14	81.482	-108.432	1009.0	-0.1
150	30	81.435	-108.652	1022.6	-4.3	166	15	81.486	-108.353	1006.4	-0.3
151	31	81.438	-108.599	1014.9	-1.7	167	16	81.496	-108.175	1000.1	0.4
						168	17	81.497	-108.098	999.2	0.7
						169	18	81.538	-107.965	989.7	0.3
						170	19	81.560	-107.796	992.1	0.6
						171	20	81.558	-107.733	1001.2	0.5
						172	21	81.553	-107.620	1013.4	1.1
						173	22	81.605	-107.016	1005.1	0.5
						174	23	81.606	-106.716	1020.1	1.0
						175	24	81.623	-106.653	1020.2	1.1
						176	25	81.655	-106.570	1010.4	1.1
						177	26	81.643	-106.526	1016.3	1.3
						178	27	81.645	-106.523	1010.4	1.7
						179	28	81.654	-106.497	1005.0	1.9
						180	29	81.689	-106.336	991.3	1.6

BUOY (7410) 89 Jul					BUOY (7410) 89 Aug						
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)			
183	2	81.698	-106.133	1002.4	1.9	213	1	82.127	-102.418	1003.9	1.2
184	3	81.690	-106.058	1000.2	1.1	214	2	82.126	-102.427	1006.3	1.5
185	4	81.707	-106.022	995.2	0.6	215	3	82.126	-102.421		1.6
186	5	81.710	-105.974	995.0	1.4	216	4	82.146	-102.423	1005.0	1.4
187	6	81.734	-105.769	991.5	1.2	217	5	82.175	-102.402		1.6
188	7	81.729	-105.579	997.8	1.4	218	6	82.177	-102.249	999.1	1.3
189	8	81.731	-105.490	988.2	1.2	221	9	82.154	-102.283	1018.9	0.9
190	9	81.721	-105.267	987.6	0.5	222	10	82.155	-102.251	1021.8	1.1
191	10	81.721	-105.270	995.5	0.5	223	11	82.165	-102.138	1019.6	0.7
192	11	81.750	-105.181	988.0	0.2	224	12	82.167	-102.232	1014.2	1.9
193	12	81.775	-104.931	995.4	0.9	225	13	82.156	-102.222	1015.1	2.1
194	13	81.766	-104.885	1011.3	0.9	226	14	82.171	-102.247	1011.4	0.2
195	14	81.790	-104.885	1015.0	1.1	227	15	82.207	-102.399	1004.5	0.9
196	15	81.857	-104.871	1007.2	1.3	230	18	82.039	-103.179	1006.9	0.7
197	16	81.871	-104.802	1011.5	2.1	231	19	82.007	-103.083	1012.6	0.3
198	17	81.941	-104.724	1002.1	1.9	233	21	82.044	-102.725	1001.4	1.2
199	18	81.962	-104.734	993.4	1.5	234	22	82.067	-102.446	1002.1	1.0
200	19	81.969	-104.359	995.9	0.9	235	23	82.088	-102.251	1007.9	0.7
201	20	81.980	-104.109	992.7	0.7	236	24	82.093	-102.043	1019.1	-0.1
202	21	81.996	-103.906	1002.5	0.5	237	25	82.090	-102.072	1017.3	0.4
203	22	82.016	-103.614	1006.2	-0.3	238	26	82.099	-102.156	1009.1	1.1
204	23	82.027	-103.345	1011.5	0.5	241	29	81.966	-102.747	1019.0	-4.1*
205	24	82.047	-103.159	1004.0	0.7	242	30	81.898	-102.964	1017.4	-3.0*
206	25	82.057	-102.950	1007.8	1.3						
207	26	82.091	-102.738	1002.8	1.8						
208	27	82.137	-102.477	1001.1	1.5						
209	28	82.128	-102.409	1004.0	1.3						
210	29	82.139	-102.429	1007.2	0.6						
211	30	82.125	-102.485	1008.6	0.8						
212	31	82.123	-102.459	1004.8	0.6						

BUOY 7410

BUOY(7410) 89 Sep		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(7410) 89 Oct		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	81.829	-103.121	1010.6	-1.0	274	1	81.680	-102.978	1002.5	-6.8
245	2	81.834	-103.220	999.8	-1.2	275	2	81.685	-102.904	1010.7	-8.8
246	3	81.833	-103.343	1001.2	0.2	276	3	81.707	-102.900	1006.5	-9.4
247	4	81.781	-103.291	1005.7	-0.8	277	4	81.731	-102.916	1007.0	-10.4*
248	5	81.745	-103.087	1012.2	-5.1	278	5	81.722	-102.900	1012.3	-10.1*
251	8	81.757	-102.917	1006.6	-5.5*	279	6	81.715	-102.877	1018.1	-16.8*
252	9	81.757	-102.857	1011.5	-7.0	280	7	81.718	-102.883	1023.3	-20.0
253	10	81.756	-102.843	1011.1	-10.1	281	8	81.719	-102.897	1022.7	-20.5
254	11	81.753	-102.831	1008.3	-15.9	282	9	81.719	-102.983	1021.0	-20.5
259	16	81.829	-103.888	1008.5	-12.7	283	10	81.736	-103.057	1009.0	-17.3
260	17	81.794	-104.109	1004.6	-11.9	284	11	81.753	-102.997	1004.1	-13.1
261	18	81.788	-104.295	1015.0	-10.1	285	12	81.730	-103.225	1008.1	-13.4
262	19	81.758	-104.381	1012.4	-8.7	289	16	81.748	-103.032	1014.9	-20.1
263	20	81.709	-104.173	1004.7	-8.5	290	17	81.750	-102.925	1017.5	-24.2
264	21	81.683	-104.199	1004.4	-9.3	291	18	81.774	-102.942	1010.5	-24.1
265	22	81.664	-104.214	1012.8	-15.9	292	19	81.809	-103.014	1002.9	-22.1
266	23	81.654	-104.142	1004.1	-11.7	293	20	81.828	-103.084	1003.5	-21.2
267	24	81.649	-104.131	1007.4	-12.4	294	21	81.815	-103.153	1007.0	-23.8
268	25	81.649	-103.925	1004.3	-11.1*	298	25	81.808	-103.420	1012.9	-28.2
269	26	81.650	-103.780	1000.9	-10.0	299	26	81.780	-103.218	1011.9	-25.6
270	27	81.641	-103.826	999.5	-15.1	300	27	81.772	-102.721	1002.9	-18.2
271	28	81.612	-103.670	999.3	-13.7	301	28	81.770	-102.641	1007.8	-18.6
272	29	81.592	-103.457		-12.8	302	29	81.768	-102.629	1024.1	-23.7
273	30	81.631	-103.258	1000.4	-11.8	303	30	81.753	-102.595	1020.3	-20.3
						304	31	81.750	-102.585	1018.6	-18.1

BUOY(7410) 89 Nov		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(7410) 89 Dec		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	81.749	-102.583		-17.1*	335	1	81.668	-101.974		-28.7*
306	2	81.751	-102.579	1011.1	-18.2	336	2	81.666	-101.966	1008.9	-29.5
307	3	81.749	-102.575		-22.4	337	3	81.669	-101.957	1027.8	-29.7
308	4	81.750	-102.579	1009.6	-21.8	338	4	81.666	-101.956	1029.2	-27.2
309	5	81.750	-102.581	1011.9	-24.5	339	5	81.666	-101.954	1028.4	-28.2
310	6	81.752	-102.611	1005.2	-24.5	340	6	81.666	-101.954		-30.3
311	7	81.752	-102.588	1009.9	-26.1	341	7	81.661	-101.973	1023.8	-28.6
312	8	81.750	-102.601	1015.7	-26.7	342	8	81.660	-101.982	1018.2	-28.1
313	9	81.810	-102.254	1015.8	-23.6	343	9	81.660	-101.980	1015.2	-27.8
314	10	81.849	-101.916	1029.5	-24.3	344	10	81.659	-101.975	1029.5	-29.5
315	11	81.849	-101.924	1022.0	-26.4	345	11	81.659	-101.976	1028.4	-29.3
316	12	81.849	-101.931		-26.1*	346	12	81.657	-101.980	1025.0	-29.3
317	13	81.847	-101.928	1019.8	-29.7*	347	13	81.658	-101.981	1023.3	-28.5
318	14	81.843	-101.935	1024.2	-26.2*	348	14	81.658	-101.992	1024.1	-27.7
319	15	81.837	-101.944	1015.4	-26.0	349	15	81.659	-101.974	1028.2	-27.4
320	16	81.791	-102.092	1002.1	-23.9	350	16	81.658	-101.981		-28.5
321	17	81.775	-102.195	1021.9	-23.5	351	17	81.659	-101.960		-27.9
322	18	81.777	-102.180	1022.4	-26.2	352	18	81.659	-101.981		-28.0
323	19	81.731	-102.603	996.8	-25.4	353	19	81.660	-101.981		-27.1*
324	20	81.632	-103.345	998.3	-23.3	354	20	81.660	-101.971	1005.7	-26.4
325	21	81.633	-103.341	1018.7	-24.3	355	21	81.659	-101.981	1007.3	-31.8
326	22	81.635	-103.339	1028.0	-24.7	356	22	81.660	-101.992	1010.6	-35.4
327	23	81.633	-103.336	1022.0	-25.8	357	23	81.658	-101.974	1004.9	-35.5
328	24	81.633	-103.345	1005.2	-26.4	358	24	81.659	-101.984	996.6	-31.9*
329	25	81.633	-103.319	996.9	-26.2	359	25	81.660	-101.967	997.4	-29.4
330	26	81.633	-103.305	1011.8	-30.8	360	26	81.659	-101.987	994.5	-31.5
331	27	81.635	-103.318	1001.0	-34.2	361	27	81.660	-101.961	1000.0	-31.8
332	28	81.635	-103.292	999.0	-35.0	362	28	81.660	-101.976	1004.8	-29.3
333	29	81.637	-102.853	998.9	-33.4	363	29	81.660	-101.977	1001.8	-29.5
334	30	81.654	-102.325	1004.4	-29.8	364	30	81.658	-101.968	995.2	-25.7
						365	31	81.657	-101.986	1011.2	-23.6

BUOY 7412

BUOY (7412) 89 May					BUOY (7412) 89 Jun						
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)			
121	1	82.769	-125.009	1005.8	-20.2	152	1	82.912	-122.425	1004.4	-1.5
122	2	82.770	-125.008	1009.9	-20.6	153	2	82.917	-122.155	1012.8	0.7
123	3	82.738	-124.986	1007.8	-20.5	154	3	82.921	-122.027	1016.3	0.4
124	4	82.732	-124.963	1012.6	-18.8	155	4	82.930	-121.870	1017.2	-0.7
125	5	82.731	-125.133	1017.6	-20.4	156	5	82.933	-121.820	1015.8	-0.6
126	6	82.689	-125.091	1008.0	-15.5	157	6	82.937	-121.778	1012.0	-0.5
127	7	82.651	-125.362	1011.8	-11.7	158	7	82.995	-121.320	1003.6	-0.3
128	8	82.643	-125.440		-11.7	159	8	82.997	-121.058	1009.3	-0.2
129	9	82.631	-125.302	1018.1	-9.1	160	9	83.003	-121.033	1012.4	-1.7
130	10	82.625	-125.255	1022.5	-8.9	161	10	83.051	-121.149	1003.8	-0.5
131	11	82.619	-125.248	1022.2	-7.4	162	11	83.104	-121.217	999.6	1.4
132	12	82.617	-125.232	1030.5	-5.7	163	12	83.089	-121.231	1002.7	0.9
133	13	82.619	-125.235	1027.5	-6.8	164	13	82.982	-121.542	1008.9	-1.2
134	14	82.618	-125.224	1024.7	-9.8	165	14	82.953	-121.253	1008.5	-1.5
138	18	82.617	-125.110	1026.5	-11.6	166	15	82.969	-121.055	1002.6	-0.2
139	19	82.618	-125.109	1027.4	-10.0	167	16	82.995	-120.590	998.2	-0.3
140	20	82.622	-125.143	1027.4	-10.2	168	17	83.032	-120.014	993.6	-0.2
141	21	82.611	-125.159	1025.5	-11.1	169	18	83.087	-119.823	987.1	0.2
142	22	82.591	-125.142	1025.7	-12.4	170	19	83.053	-119.713	990.5	-0.3
143	23	82.526	-124.862	1024.4	-12.5	171	20	83.063	-119.283	998.5	0.2
144	24	82.530	-124.792	1026.0	-11.5	172	21	83.086	-118.889	1006.8	0.6
145	25	82.565	-124.584	1023.5	-9.9	173	22	83.184	-117.916	996.4	0.6
146	26	82.627	-124.192	1014.2	-10.0	174	23	83.166	-117.259	1016.7	1.0
147	27	82.728	-123.695	1004.2	-6.7	175	24	83.208	-117.007	1013.9	1.4
148	28	82.778	-123.382	1007.4	-2.7	176	25	83.249	-116.756	1007.9	1.0
149	29	82.765	-123.201	1017.2	-3.4	177	26	83.244	-116.454	1013.3	1.0
150	30	82.796	-122.836	1017.3	-2.6	178	27	83.248	-116.447	1010.3	1.8
151	31	82.829	-122.688	1011.7	-0.5	179	28	83.272	-116.346	1000.1	2.0
						180	29	83.315	-116.303	989.0	1.5
						181	30	83.316	-116.376	994.5	2.4

BUOY (7412) 89 Jul					BUOY (7412) 89 Aug						
LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)			
182	1	83.293	-116.493	1002.2	1.8	213	1	83.856	-108.243	1001.6	0.7
183	2	83.272	-116.475	1003.2	0.8	214	2	83.851	-108.127	1006.0	0.6
184	3	83.267	-116.162	998.5	0.6	215	3	83.860	-108.098	1006.5	1.4
185	4	83.299	-116.054	991.8	0.1	216	4	83.891	-108.144	1004.2	1.1
186	5	83.328	-115.764	991.5	1.4	217	5	83.929	-108.250	999.2	1.2
187	6	83.356	-115.442	988.5	1.1	218	6	83.938	-108.448	997.6	1.2
188	7	83.334	-114.847	996.3	0.7	219	7	83.932	-108.503	1000.1	1.0
189	8	83.346	-114.478	980.9	0.5	220	8	83.903	-108.503	1009.3	0.9
190	9	83.307	-114.400	990.9	0.3	221	9	83.889	-108.415	1019.5	1.0
191	10	83.301	-114.341	993.9	0.1	222	10	83.889	-108.310	1022.6	0.7
192	11	83.332	-114.154	989.8	0.0	223	11	83.930	-108.051	1017.0	0.8
193	12	83.325	-114.169	994.7	0.9	224	12	83.985	-107.680	1013.0	1.4
194	13	83.347	-113.838	1008.3	1.2	225	13	83.987	-107.541	1014.6	1.8
195	14	83.399	-113.633	1013.1	1.2*	226	14	84.004	-107.510	1012.4	1.3
196	15	83.494	-113.691	1005.0	1.4*	227	15	84.037	-107.857	1009.2	1.0
197	16	83.515	-113.468	1009.6	2.1	228	16	84.015	-108.490	1010.2	0.5
198	17	83.585	-113.450	999.0	1.6	229	17	83.921	-108.543	1006.5	0.5
199	18	83.596	-113.294	994.1	1.8	230	18	83.815	-108.234	1005.9	0.7*
200	19	83.597	-113.087	990.3	1.0	231	19	83.752	-107.853	1011.0	0.3
201	20	83.583	-112.317	996.0	0.3	232	20	83.786	-107.606	1003.0	0.7*
202	21	83.587	-112.060	1000.0	-0.2	233	21	83.824	-107.146	998.0	0.9*
203	22	83.619	-111.723	1001.3	-0.4	234	22	83.858	-106.811	1000.3	0.7*
204	23	83.643	-111.184	1008.1	0.7	235	23	83.892	-106.439	1003.9	0.3
205	24	83.713	-110.449	997.3	0.8	236	24	83.888	-105.611	1016.6	-0.7
206	25	83.738	-109.839	1003.3	1.2	237	25	83.872	-105.193	1019.4	-1.0
207	26	83.779	-109.492	1000.4	1.2	238	26	83.867	-105.399	1014.1	0.0
208	27	83.809	-109.177	998.5	1.2	239	27	83.819	-105.534	1022.2	-1.8
209	28	83.821	-108.784	1002.3	0.4	240	28	83.763	-105.467	1020.3	-3.7
210	29	83.852	-108.704	1008.4	0.6	241	29	83.716	-105.472	1019.8	-4.8
211	30	83.844	-108.746	1010.6	1.5	242	30	83.654	-105.494	1017.2	-2.1
212	31	83.841	-108.651	1004.2	0.6	243	31	83.626	-105.523	1016.9	0.2

BUOY 7412

BUOY (7412) 89 Sep					BUOY (7412) 89 Oct						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
244	1	83.610	-105.480	1011.9	-0.7	274	1	83.607	-101.018	997.8	-6.9
245	2	83.604	-105.561	1002.0	-1.3	275	2	83.606	-100.632	1007.4	-8.2
246	3	83.590	-105.611	1002.3	-1.3	276	3	83.630	-100.479	1008.1	-8.8
247	4	83.585	-105.060	1001.9	-1.0	277	4	83.666	-100.479	1007.8	-13.4
248	5	83.589	-104.502	1008.2	-4.0	278	5	83.669	-100.456	1012.6	-14.6
249	6	83.632	-104.065	1002.2	-2.1	279	6	83.664	-100.439	1016.9	-14.1
250	7	83.637	-103.722	1004.7	-3.4	280	7	83.664	-100.432	1024.2	-17.8
251	8	83.650	-103.348	1001.9	-6.8	281	8	83.664	-100.432	1025.7	-22.2
252	9	83.654	-103.242	1010.8	-9.4	282	9	83.661	-100.526	1024.2	-20.7
253	10	83.670	-103.157	1010.6	-10.9	283	10	83.676	-100.551	1012.1	-16.7
254	11	83.691	-102.985	1008.2	-12.5	284	11	83.700	-100.624	1005.6	-14.4
255	12	83.786	-102.959	999.3	-9.1	285	12	83.701	-100.987	1008.9	-14.7
256	13	83.837	-103.175	1002.0	-7.0	289	16	83.721	-100.724	1014.0	-27.3
257	14	83.811	-103.625	1001.5	-9.1	290	17	83.734	-100.417	1016.2	-24.7
258	15	83.789	-104.088	1008.0	-12.1	291	18	83.792	-100.160	1012.8	-27.7
259	16	83.772	-104.442	1011.4	-12.4*	292	19	83.826	-100.177	1006.4	-30.1
260	17	83.758	-105.024	1010.0	-9.2	293	20	83.851	-100.304	1006.1	-26.9
261	18	83.740	-105.317	1016.2	-12.9	294	21	83.846	-100.352	1009.8	-23.7
262	19	83.688	-105.139	1008.0	-9.7	295	22	83.849	-100.673	1007.8	-20.5
263	20	83.631	-104.989	1003.8	-7.9	296	23	83.840	-101.025	1007.2	-20.7
264	21	83.598	-105.070	1005.5	-14.0	297	24	83.794	-101.076	1006.8	-27.2
265	22	83.580	-105.052	1011.4	-16.6	298	25	83.754	-101.047	1011.5	-32.0
266	23	83.578	-104.963	1004.6	-13.5	299	26	83.727	-100.750	1007.4	-26.2
267	24	83.577	-104.919	1005.2	-12.6	300	27	83.723	-99.801	997.3	-20.3
268	25	83.602	-104.532	1000.6	-11.5	301	28	83.724	-99.617	1009.3	-28.4
269	26	83.600	-104.428	1001.0	-18.4	302	29	83.703	-99.625	1021.5	-29.8
270	27	83.572	-104.482	999.5	-20.4	303	30	83.670	-99.391	1017.1	-23.1
271	28	83.508	-103.291	991.3	-13.4*	304	31	83.671	-99.377	1020.0	-26.0
272	29	83.469	-102.588	1009.1	-13.0*						
273	30	83.543	-101.825	996.8	-12.7						

BUOY (7412) 89 Nov					BUOY (7412) 89 Dec						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
305	1	83.671	-99.398	1009.9	-23.8	335	1	83.673	-97.840	1000.8	-32.3
306	2	83.672	-99.376	1011.5	-24.9	336	2	83.717	-97.001	1004.8	-31.9
307	3	83.670	-99.378	999.9	-29.3	337	3	83.704	-96.937	1022.5	-29.4
308	4	83.670	-99.378	1011.7	-31.0	338	4	83.703	-96.864	1027.2	-28.9
309	5	83.671	-99.389	1013.5	-36.4	339	5	83.705	-96.870	1028.8	-34.6
310	6	83.671	-99.381	1007.7	-34.4	340	6	83.703	-96.862	1029.8	-35.8
311	7	83.669	-99.370	1012.9	-37.9	341	7	83.689	-96.872	1027.5	-33.5
312	8	83.678	-99.349	1013.5	-39.4	342	8	83.688	-96.862	1024.4	-33.2
313	9	83.799	-98.714	1007.7	-30.7	343	9	83.689	-96.885	1018.7	-33.7
314	10	83.871	-97.724	1027.5	-28.4	344	10	83.690	-96.884	1030.1	-32.3
315	11	83.870	-97.704	1024.4	-31.7	345	11	83.688	-96.885	1031.1	-33.0
316	12	83.864	-97.749	1015.6	-28.1	346	12	83.689	-96.877	1026.0	-33.9*
317	13	83.860	-97.756	1022.5	-27.6	347	13	83.690	-96.879		
318	14	83.857	-97.776	1027.3	-28.6	348	14	83.683	-96.878	1029.0	-32.1
319	15	83.846	-97.856	1017.0	-30.9	349	15	83.687	-96.885	1032.0	-32.5
320	16	83.737	-98.455	1003.1	-26.9*	350	16	83.690	-96.879		-32.2
321	17	83.705	-98.748	1024.4	-26.1	351	17	83.685	-96.906		-31.7
322	18	83.706	-98.724	1027.5	-32.5	352	18	83.689	-96.882		-30.4
323	19	83.664	-99.318	1006.8	-31.6	353	19	83.690	-96.832	1016.4	-28.6
324	20	83.570	-100.366	1001.8	-26.8	354	20	83.690	-96.834	1003.9	-30.4
325	21	83.571	-100.337	1018.9	-27.2	355	21	83.691	-96.832	1008.0	-35.3
326	22	83.570	-100.253	1028.6	-29.4	356	22	83.691	-96.837	1011.5	-39.2
327	23	83.573	-100.204	1025.8	-31.5	357	23	83.692	-96.849	1000.3	-40.8
328	24	83.566	-100.142	1006.1	-33.3	358	24	83.689	-96.839	993.7	-34.5
329	25	83.571	-100.152	995.0	-31.0	359	25	83.691	-96.830	994.4	-30.7
330	26	83.570	-100.163	1011.4	-36.3	360	26	83.690	-96.828	995.0	-37.1
331	27	83.571	-100.154	998.2	-38.4	361	27	83.686	-96.843	997.9	-34.7
332	28	83.588	-100.024	997.3	-40.1	362	28	83.688	-96.834	998.9	-29.1
333	29	83.615	-99.625	991.9	-38.6	363	29	83.689	-96.830	1000.1	-27.4
334	30	83.644	-98.835	996.4	-32.0	364	30	83.685	-96.861	997.6	-23.2
						365	31	83.672	-96.919	1013.6	-23.0

BUOY 7425

BUOY (7425) 89 Oct					BUOY (7425) 89 Nov						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
300	27	78.626	116.950	1014.9	-21.5	305	1	78.814	116.948		-23.9
301	28	78.662	116.888	1016.3	-19.4	306	2	78.772	116.976	1016.0	-24.7
302	29	78.720	116.901	1016.5	-15.8	307	3	78.733	117.076	1020.3	-24.1
303	30	78.736	116.997	1010.6	-15.6	308	4	78.737	117.393	1020.2	-22.9
304	31	78.801	117.046		-21.7	309	5	78.801	117.847	1022.2	-24.4
						310	6	78.870	118.222	1028.0	-25.9
						311	7	78.892	118.510	1025.2	-26.2
						312	8	78.878	119.103	1007.1	-19.8
						313	9	78.814	119.277	1007.2	-29.9
						314	10	78.751	119.407	1005.5	-33.6
						315	11	78.725	119.652	1002.8	-34.3
						316	12	78.729	119.662	1011.7	-39.0
						317	13	78.714	119.642	1014.3	-39.5
						318	14	78.713	119.634	1018.1	-36.7
						319	15	78.703	119.475	1018.3	-32.7
						320	16	78.684	119.250	1023.4	-32.2
						321	17	78.649	119.117	1019.0	-32.5
						322	18	78.666	119.099	1026.1	-33.5
						323	19	78.688	118.900	1019.8	-32.3
						324	20	78.703	118.549	1018.9	-30.5
						325	21	78.683	118.394	1019.4	-36.4
						326	22	78.686	118.348	1019.4	-35.4
						327	23	78.690	118.410	1017.8	-39.1*
						332	28	78.838	118.297	988.7	-23.4
						333	29	78.744	118.322	993.7	-29.0
						334	30	78.714	118.535	994.0	-34.0*

BUOY (7425) 89 Dec					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)	
335	1	78.743	118.886	991.8	-30.0*
336	2	78.819	118.957	985.1	-27.9
337	3	78.896	119.295	1003.9	-27.6*
338	4	79.025	119.175	1004.2	-26.8*
339	5	79.124	119.045	1011.8	-26.3
341	7	79.208	118.505	1018.3	-28.9
342	8	79.207	118.321	1015.1	-29.7
343	9	79.215	118.245	1021.2	-23.8
344	10	79.216	118.072	1020.9	-20.0
345	11	79.224	118.138	1024.3	-25.4
346	12	79.229	118.076	1025.5	-29.8
347	13	79.246	117.920	1022.2	-27.4
348	14	79.245	117.853	1027.9	-30.0
349	15	79.232	117.705	1025.8	-28.4
350	16	79.229	117.623	1018.9	-33.7
351	17	79.230	117.587	1017.2	-34.6
352	18	79.253	117.513	1012.2	-35.6
353	19	79.272	117.469	1006.2	-38.2
354	20	79.279	117.491	1014.6	-36.5
355	21	79.289	117.480	1016.6	-36.3
356	22	79.296	117.539		-34.2
357	23	79.378	118.002	1011.1	-27.8
358	24	79.533	118.491	997.5	-23.4
359	25	79.571	118.891	1005.7	-18.5
360	26	79.560	118.964	1019.0	-31.0
361	27	79.547	118.949	1017.9	-31.1
362	28	79.545	119.079	1018.5	-27.0
363	29	79.562	119.238	1016.3	-30.5
364	30	79.607	119.288	1020.8	-33.1
365	31	79.666	119.189		-31.8

BUOY 8871

BUOY(8871)		LAT	LON	P	T	BUOY(8871)		LAT	LON	P	T
89 Jan		(N)	(+E,-W)	(MB)	(C)	89 Feb		(N)	(+E,-W)	(MB)	(C)
1	1	85.834	23.668	996.5	-28.5	50	19	83.576	11.647	997.3	-35.2
2	2	85.870	22.909	979.6	-21.8*	56	25	83.365	12.309	1009.5	-40.2
3	3	85.839	20.448	1003.7	-31.7	57	26	83.351	12.294		-38.5*
4	4	85.774	19.500	1021.6	-38.3	58	27	83.275	12.058		-39.8*
5	5	85.728	19.230		-38.3*						
18	18	85.205	21.705	1000.9	-37.1*						
19	19	85.211	21.556	995.5	-36.5*						
20	20	85.143	21.372		-44.8						
21	21	85.058	21.159	1015.5	-44.2*						
22	22	85.004	21.065	1023.9	-45.3						
23	23	84.983	20.933	1024.5	-46.8						
24	24	84.996	20.673	1017.4	-43.6						
25	25	85.051	20.124	1000.9	-29.1						
29	29	84.877	18.670	984.8	-38.3						

BUOY(8871)		LAT	LON	P	T	BUOY(8871)		LAT	LON	P	T
89 Mar		(N)	(+E,-W)	(MB)	(C)	89 Apr		(N)	(+E,-W)	(MB)	(C)
61	2	83.160	12.320	1010.9	-43.5	104	14	81.219	3.670	1011.0	-6.1*
62	3	83.110	12.422	1012.8	-42.7	112	22	80.842	1.268	1045.2	-18.9
63	4	83.034	12.047	1001.0	-33.7*	113	23	80.793	0.834	1032.4	-19.6
64	5	82.878	11.800	990.2	-30.8	114	24	80.737	0.339	1025.7	-14.1
65	6	82.699	12.772	1014.7	-30.3*	115	25	80.646	0.254	1022.9	-10.4
66	7	82.679	12.984	1005.4	-38.8*	116	26	80.568	0.053	1023.3	-6.1
67	8	82.626	12.850	1002.9	-38.8*	117	27	80.463	-0.325	1009.2	-7.6
						118	28	80.124	-0.941	1016.0	-13.2
						119	29	80.033	-0.924	1010.3	-10.6
						120	30	79.963	-0.857	1005.1	-7.4

BUOY 8871

BUOY(8871)		LAT	LON	P	T
89 May		(N)	(+E,-W)	(MB)	(C)
121	1	79.881	-0.859	1004.8	-4.5
122	2	79.814	-0.977	1006.5	-0.3

BUOY 8873

BUOY(8873)		LAT	LON	P	T	BUOY(8873)		LAT	LON	P	T
89 Jan		(N)	(+E,-W)	(MB)	(C)	89 Feb		(N)	(+E,-W)	(MB)	(C)
3	3	83.531	35.449	985.6		32	1	82.444	31.558	1006.5	
4	4	83.448	33.866	1014.6		33	2	82.404	31.384	994.2	
5	5	83.383	33.382	1016.3		34	3	82.379	31.202	996.5	
6	6	83.349	33.228	1018.4		35	4	82.366	31.220	992.7	
7	7	83.317	33.071	1017.4		36	5	82.340	31.170	984.6	
8	8	83.238	33.292	1002.0		37	6	82.299	30.987	983.2	
9	9	83.102	33.748	992.8		38	7	82.251	30.819	982.7	
10	10	83.034	33.794	988.5		39	8	82.190	30.976	992.0	
11	11	83.019	33.676	1001.3		40	9	82.133	31.021	1004.0	
12	12	83.009	33.778			41	10	82.096	31.034	1019.7	
13	13	83.043	33.938	1003.3		42	11	82.195	30.694	987.3	
14	14	83.078	34.362			43	12	82.215	30.245	983.6	
15	15	83.095	34.535	977.1		44	13	82.291	29.131	989.5	
16	16	83.006	34.506	999.1		45	14	82.281	27.939	1002.1	
17	17	82.958	34.614	999.0		46	15	82.214	27.071	1005.0	
18	18	82.931	34.893	1005.6		47	16	82.145	26.573	991.3	
19	19	82.974	35.182	992.3		48	17	82.097	25.919	973.8	
20	20	82.950	34.577	993.5		49	18	81.963	26.408	987.7	
21	21	82.851	33.838	1012.0		50	19	81.866	27.016	997.7	
22	22	82.791	33.542	1020.1		51	20	81.831	27.319	1003.7	
23	23	82.766	33.357	1023.3		52	21	81.799	27.495	1006.1	
24	24	82.774	33.101	1018.4		53	22	81.786	27.467		
25	25	82.855	32.977	1004.4		54	23	81.760	27.626	1006.0	
26	26	82.959	32.335	983.2		55	24	81.740	27.661	1006.6	
27	27	82.958	31.792	981.8		56	25	81.729	27.715	1009.3	
28	28	82.889	31.634	981.9		57	26	81.732	27.670	1005.3	
29	29	82.764	31.761	981.3		58	27	81.757	27.461	1003.1	
30	30	82.614	31.934	989.5		59	28	81.728	27.562	1002.6	
31	31	82.495	31.934	1002.6							

BUOY(8873)		LAT	LON	P	T	BUOY(8873)		LAT	LON	P	T
89 Mar		(N)	(+E,-W)	(MB)	(C)	89 Apr		(N)	(+E,-W)	(MB)	(C)
60	1	81.695	27.810	1004.6		91	1	81.532	23.113	995.5	
61	2	81.676	27.901	1010.3		92	2	81.491	23.473	999.5	
62	3	81.655	27.978	1009.1		93	3	81.399	23.824	1018.4	
63	4	81.661	27.809	999.5		94	4	81.393	23.738	1018.6	
64	5	81.697	28.144	987.8		95	5	81.388	23.707	1023.5	
65	6	81.527	29.553	1015.5		98	8	81.382	23.633		
66	7	81.524	29.776	1002.6		99	9	81.380	23.608	1000.5	
67	8	81.521	29.293	997.9		100	10	81.374	23.702	1019.4	
68	9	81.467	29.637	1018.5		101	11	81.391	23.808	1014.3	
69	10	81.505	29.712	1002.1		102	12	81.392	24.148	1008.8	
70	11	81.597	28.764	989.0		103	13	81.399	23.782	1001.0	
71	12	81.604	27.848	992.5		104	14	81.399	23.378	1015.8	
72	13	81.608	26.791	998.3		105	15	81.420	23.105	1024.4	
73	14	81.568	25.903	1001.3		106	16	81.406	23.044		
74	15	81.557	25.371	998.6		107	17	81.395	22.757	1018.9	
75	16	81.576	24.469	987.8		108	18	81.374	22.167	1026.4	
76	17	81.616	24.133			109	19	81.361	21.682	1033.8	
77	18	81.666	23.778	1005.3		110	20	81.337	21.237	1037.3	
78	19	81.650	23.582	1008.3		111	21	81.316	20.515	1045.5	
79	20	81.667	23.460	1013.8		112	22	81.282	20.037	1043.0	
80	21	81.660	23.260	1013.4		113	23	81.244	19.467	1030.3	
81	22	81.622	23.181	1010.9		114	24	81.264	18.915	1026.8	
82	23	81.585	23.047	1015.0		115	25	81.336	18.702	1022.2	
83	24	81.540	22.945	1012.9		116	26	81.335	18.672	1024.4	
84	25	81.530	22.955	1018.6		117	27	81.351	18.304	1010.9	
87	28	81.518	22.956	1010.4		118	28	81.338	18.389	1004.9	
88	29	81.517	22.917	1005.5		119	29	81.255	18.927	1014.8	
89	30	81.489	22.597	1002.3		120	30	81.304	19.189	1007.3	
90	31	81.484	22.696								

BUOY 8873

BUOY (8873) 89 May					BUOY (8873) 89 Jun				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
121	1	81.332	19.211	1006.4	152	1	80.404	13.279	1018.1
122	2	81.365	19.560	1013.5	153	2	80.323	13.784	1013.7
123	3	81.437	19.580	1009.5	154	3	80.216	14.037	1015.8
124	4	81.559	19.148	1006.8	155	4	80.134	14.779	1020.4
125	5	81.606	18.220	1003.5	156	5	80.165	15.607	1020.5
126	6	81.621	17.911	1003.5	157	6	80.170	15.573	1017.9
127	7	81.634	17.867	1006.2	158	7	80.217	15.366	
128	8	81.642	17.744	1010.8	159	8	80.142	15.598	1009.4
129	9	81.647	17.548	1006.1	160	9	80.110	15.915	1014.8
130	10	81.639	17.172	1010.0	161	10	80.103	16.144	1018.4
131	11	81.664	16.741	1006.1	162	11	80.109	16.311	1021.9
132	12	81.681	16.149	1011.1	163	12	80.105	16.348	1024.6
133	13	81.646	15.378	1017.1	164	13	80.094	16.398	1016.3
134	14	81.592	15.008	1017.0	165	14	80.104	16.442	999.8
135	15	81.541	14.691	1012.4	166	15	80.061	16.902	1013.2
136	16	81.484	14.500		167	16	80.088	16.853	998.3
137	17	81.412	14.508	1008.2	168	17	79.965	17.761	1009.0
138	18	81.369	14.711	1012.4	169	18	79.892	17.986	1009.5
139	19	81.332	14.804	1017.2	170	19	79.890	17.949	999.8
140	20	81.284	14.982	1024.9	171	20	79.838	17.936	1000.1
141	21	81.229	15.115	1028.9	172	21	79.690	18.229	1008.5
142	22	81.248	14.602	1019.4	173	22	79.598	18.778	1007.0
143	23	81.252	14.104	1016.6	174	23	79.450	19.725	1004.2
144	24	81.236	13.882	1016.8	175	24	79.351	20.160	1004.5
145	25	81.194	13.146	1007.2	176	25	79.230	20.236	997.8
146	26	81.039	12.469	1004.1	177	26	79.161	20.659	998.9
147	27	80.849	11.964	1010.1	178	27	79.127	21.080	1006.5
148	28	80.677	11.848	1011.0	179	28	79.134	21.303	1009.9
149	29	80.529	11.526	1013.4	180	29	79.089	21.438	1013.4
					181	30	79.132	21.380	1008.6

BUOY (8873) 89 Jul				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)
182	1	79.234	20.998	1001.2
183	2	79.332	20.550	1003.6
184	3	79.311	20.561	1004.5
185	4	79.331	20.538	998.9
186	5	79.204	20.640	1004.3
187	6	79.214	20.649	1002.9
188	7	79.246	20.675	999.7
189	8	79.316	20.243	997.2
190	9	79.312	20.115	999.4
191	10	79.327	19.814	1006.8
192	11	79.330	19.661	1011.6

BUOY 8874

BUOY(8874)		LAT	LON	P	T	BUOY(8874)		LAT	LON	P	T
89 Jan		(N)	(+E,-W)	(MB)	(C)	89 Feb		(N)	(+E,-W)	(MB)	(C)
26	26	81.180	9.763	980.6		32	1	80.402	9.218	1006.6	
27	27	81.035	9.620	987.3		33	2	80.335	8.648		
31	31	80.472	9.235	1013.3		34	3	80.286	8.505	997.3	
						38	7	80.031	9.280	993.6	
						39	8	79.895	9.754	1003.4	
						40	9	79.820	9.578	1014.3	

BUOY 8876

BUOY (8876) 89 Jan					BUOY (8876) 89 Feb				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
1	1	82.789	100.715		32	1	83.084	99.602	993.0
2	2	82.797	100.768	998.6	33	2	83.117	99.252	993.1
3	3	82.861	100.394	1001.9	34	3	83.128	98.901	989.7
4	4	82.880	99.561	1013.1	35	4	83.136	98.865	992.1
5	5	82.873	98.878	1014.8	36	5	83.173	98.739	993.0
6	6	82.861	98.357	1014.2	37	6	83.240	98.421	988.3
7	7	82.835	97.800	1010.0	38	7	83.309	98.182	985.2
8	8	82.827	97.923	993.8	39	8	83.368	97.997	984.6
9	9	82.828	97.934	989.1	40	9	83.367	97.504	988.7
10	10	82.835	97.711	985.8	41	10	83.327	97.153	1000.3
11	11	82.824	97.602	990.2	42	11	83.317	97.030	1006.4
12	12	82.823	97.631		43	12	83.351	96.775	1005.3
13	13	82.792	97.744	998.6	44	13	83.404	96.391	1013.8
14	14	82.764	98.042	997.7	45	14	83.419	95.639	1012.9
15	15	82.772	98.603	984.7	46	15	83.423	95.517	1010.2
16	16	82.726	99.476	984.7	47	16	83.465	95.790	1011.0
17	17	82.669	99.593	991.3	48	17	83.577	96.444	1009.3
18	18	82.632	99.399	998.1	49	18	83.745	97.087	1001.9
19	19	82.556	100.129	1005.3	50	19	83.835	96.798	996.9
20	20	82.532	101.247	995.8	51	20	83.851	96.210	998.0
21	21	82.529	101.384		52	21	83.813	95.798	993.5
22	22	82.530	101.100	1017.1	54	23	83.632	95.912	995.9
23	23	82.554	100.856	1017.4	55	24	83.635	95.942	1001.5
24	24	82.552	100.664	1017.4	56	25	83.629	95.772	1006.6
25	25	82.553	100.676	1018.6	57	26	83.632	95.936	1011.4
26	26	82.548	100.828	1015.7	58	27	83.644	96.004	1020.8
27	27	82.585	101.205	1005.3	59	28	83.688	96.134	1013.2
28	28	82.676	101.422	993.7					
29	29	82.803	101.359	978.8					
30	30	82.928	101.350	993.1					
31	31	83.036	100.470	1000.7					

BUOY (8876) 89 Mar					BUOY (8876) 89 Apr				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
60	1	83.745	95.780	992.2	91	1	83.596	93.778	1004.7
61	2	83.722	95.116	990.4	92	2	83.673	93.851	991.9
62	3	83.620	95.773	1007.8	93	3	83.698	93.187	1003.7
63	4	83.576	96.222	1010.9	94	4	83.649	92.556	1006.6
64	5	83.601	96.434	1005.1	95	5	83.595	92.410	
65	6	83.685	97.106	984.5	98	8	83.414	93.793	1009.0
66	7	83.544	97.858		99	9	83.434	94.040	1008.9
67	8	83.459	98.445	992.9	100	10	83.517	94.071	
68	9	83.448	98.449	994.7	101	11	83.398	94.304	1002.0
69	10	83.395	98.111	1009.7	102	12	83.350	94.371	1009.1
70	11	83.389	98.174		105	15	83.379	93.623	1036.8
71	12	83.410	98.220	1022.4	106	16	83.329	93.138	1023.0
72	13	83.457	98.020	1028.8	107	17	83.368	92.753	1033.8
73	14	83.495	97.657	1027.2	108	18	83.379	92.171	1035.6
74	15	83.548	97.378	1029.6	109	19	83.388	91.614	1036.8
75	16	83.645	97.075	1024.6	110	20	83.397	91.339	1044.9
76	17	83.720	97.169	1026.1	111	21	83.386	91.170	1047.3
77	18	83.787	97.214	1025.8	112	22	83.409	90.572	1046.3
78	19	83.823	97.222	1026.0	113	23	83.456	90.085	1047.8
79	20	83.838	97.293		114	24	83.481	89.990	1045.3
80	21	83.855	96.922	1016.6	115	25	83.487	90.191	1037.9
81	22	83.867	96.578	1005.5	116	26	83.503	90.745	1026.6
82	23	83.852	96.297	1001.9	117	27	83.491	90.909	1027.6
83	24	83.848	95.990	1009.0	118	28	83.505	91.426	1012.5
84	25	83.843	95.411	1002.3	119	29	83.533	92.460	1003.5
85	26	83.819	94.613	1006.1	120	30	83.484	92.971	1016.3
86	27	83.765	94.059	1002.9					
87	28	83.680	93.800	1000.4					
88	29	83.613	93.880	994.7					
89	30	83.604	93.784	998.1					
90	31	83.604	93.678	1001.7					

BUOY 8876

BUOY(8876) 89 May		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(8876) 89 Jun		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	83.550	93.130	1003.8		152	1	84.237	85.701	1009.8	
122	2	83.519	94.007	1019.6		153	2	84.156	86.429	1004.1	
123	3	83.513	94.392	1025.6		154	3	84.089	87.162	1002.5	
124	4	83.519	94.561	1025.9		155	4	84.095	87.281	1004.4	
125	5	83.552	94.645	1023.5		156	5	84.079	87.423	1006.7	
126	6	83.589	94.718	1019.9		157	6	84.039	87.704	1008.6	
127	7	83.631	94.948	1022.4		158	7	83.996	88.054	1011.1	
128	8	83.668	95.025	1022.0		159	8	83.960	88.779	1009.6	
129	9	83.721	95.185	1021.8		160	9	83.991	89.341	1007.2	
130	10	83.784	95.230	1026.2		161	10	84.041	89.917	1006.7	
131	11	83.838	95.046	1023.9		162	11	84.065	90.143	1008.9	
132	12	83.892	94.584	1021.9		163	12	84.075	89.998	1009.5	
133	13	83.962	93.902	1012.8		166	15	83.940	88.561	1001.5	
134	14	84.030	93.009	1007.6		167	16	83.908	88.949	1001.6	
135	15	84.087	92.320	1011.0		168	17	83.898	89.048	991.4	
136	16	84.145	91.805			169	18	83.865	88.826	997.1	
137	17	84.230	91.394	1012.5							
138	18	84.291	90.697	1017.7							
139	19	84.328	89.946	1021.1							
140	20	84.346	89.217	1025.4							
141	21	84.347	88.555	1026.5							
142	22	84.344	87.955	1023.0							
143	23	84.332	87.398	1022.3							
144	24	84.301	86.861	1022.3							
145	25	84.236	86.408	1017.2							
146	26	84.183	86.346	1008.3							
147	27	84.183	86.556	1000.4							
148	28	84.215	86.561	994.7							
149	29	84.260	86.198	1000.1							
150	30	84.285	85.277	1008.3							
151	31	84.244	85.071	1006.7							

BUOY(8876) 89 Jul		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(8876) 89 Aug		LAT (N)	LON (+E,-W)	P (MB)	T (C)
197	16	83.545	97.361	1018.9		213	1	83.414	101.243	989.5	
198	17	83.494	97.614			214	2	83.412	101.505		
199	18	83.440	98.005			215	3	83.421	101.443	1007.4	
200	19	83.432	98.258	1008.4		216	4	83.454	101.342	1007.8	
201	20	83.428	98.857	994.4		217	5	83.474	101.357	1016.8	
202	21	83.339	98.942	1005.3		218	6	83.460	101.378	1019.6	
203	22	83.276	99.458	1002.5		219	7	83.475	102.134	1003.5	
204	23	83.227	99.578			220	8	83.373	101.868	1009.0	
205	24	83.219	99.970	1001.2		221	9	83.359	101.734	1014.0	
206	25	83.269	99.877	987.4		222	10	83.365	101.678	1018.1	
207	26	83.282	99.977	991.0		223	11	83.382	101.801	1018.1	
208	27	83.313	100.239			224	12	83.389	102.009	1016.3	
209	28	83.380	100.595	988.5		225	13	83.427	102.305	1016.4	
210	29	83.441	100.856	995.5		226	14	83.455	102.614	1018.5	
211	30	83.467	100.656	994.1							
212	31	83.442	100.554	984.4							

BUOY 8879

BUOY (8879) 89 Jan				BUOY (8879) 89 Feb					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)	
1	1	82.629	71.577	1000.3	32	1	83.024	64.776	998.2
2	2	82.660	71.591	985.8	33	2	83.015	64.464	993.9
3	3	82.765	70.625	989.9	34	3	83.000	64.170	992.7
4	4	82.856	68.903	1009.9	35	4	82.989	64.112	987.0
5	5	82.837	68.172	1013.7	36	5	83.010	63.906	
6	6	82.808	67.837	1015.5	37	6	83.021	63.485	981.7
7	7	82.769	67.540	1012.3	38	7	83.022	63.120	975.3
8	8	82.696	67.542	989.2	39	8	83.034	63.002	987.8
9	9	82.654	67.519	985.6	40	9	83.014	62.868	993.5
10	10	82.652	67.487	985.9	41	10	82.983	62.772	
11	11	82.651	67.511	996.2	42	11	82.968	62.831	1005.6
12	12	82.646	67.492	1002.4	43	12	83.026	62.334	
13	13	82.635	67.661	1005.4	44	13	83.074	61.540	
14	14	82.631	68.103	997.8	45	14	83.085	60.497	1008.8
15	15	82.689	68.636	974.7	46	15	83.036	59.804	
16	16	82.633	69.072	991.9	47	16	83.028	59.343	998.8
17	17	82.611	68.830	993.3	48	17	83.131	58.535	982.9
18	18	82.576	68.971	1003.9	49	18	83.244	57.769	983.6
19	19	82.579	69.462	1000.0	50	19	83.260	57.183	988.3
20	20	82.606	69.935	993.1	51	20	83.238	56.738	996.5
21	21	82.605	68.957	1004.0	52	21	83.189	56.417	1001.8
22	22	82.601	68.541	1014.1	53	22	83.108	56.522	1000.1
23	23	82.594	68.131	1015.2	54	23	83.073	56.681	1001.2
24	24	82.585	68.059	1018.8	55	24	83.069	56.587	1003.3
25	25	82.588	68.078	1018.3	56	25	83.062	56.601	1007.0
26	26	82.671	68.194	1003.7	57	26	83.058	56.636	1013.3
27	27	82.827	68.141	989.0	58	27	83.074	56.544	1009.4
28	28	82.913	67.659	976.8	59	28	83.120	56.329	998.0
29	29	82.966	67.261	969.0					
30	30	83.002	66.755	981.3					
31	31	83.046	65.723	998.3					

BUOY (8879) 89 Mar				BUOY (8879) 89 Apr					
	LAT (N)	LON (+E, -W)	P (MB)	T (C)	LAT (N)	LON (+E, -W)	P (MB)	T (C)	
60	1	83.104	55.972	993.9	91	1	83.144	50.704	995.8
61	2	83.050	56.026	1007.6	92	2	83.051	51.477	998.4
62	3	83.045	56.141	1013.8	93	3	83.015	50.917	1010.4
63	4	83.045	56.130	1010.4	94	4	82.990	50.705	
64	5	83.147	56.402	984.4	95	5	82.959	50.631	1022.0
65	6	83.041	57.818	998.4	98	8	82.896	50.690	1010.9
66	7	82.922	58.894	1001.9	99	9	82.911	50.676	997.7
67	8	82.915	58.955	997.7	100	10	82.808	50.543	1009.9
68	9	82.893	59.071	1007.1	101	11	82.781	50.817	1017.5
69	10	82.856	59.162	1016.2	102	12	82.790	51.500	
70	11	82.891	58.743	1003.8	103	13	82.811	50.820	1011.7
71	12	82.994	57.760	1005.6	104	14	82.907	49.875	
72	13	83.094	56.607	1012.3	105	15	82.960	49.546	
73	14	83.127	55.602	1009.5	106	16	82.953	49.430	
74	15	83.200	54.820	1008.9	107	17	82.945	49.151	1026.7
75	16	83.303	53.763	1003.3	108	18	82.983	48.403	1034.1
76	17	83.399	53.214	1009.3	109	19	82.948	47.919	1035.3
77	18	83.475	52.748	1010.5	110	20	82.935	47.359	1044.1
78	19	83.498	52.525	1014.6	111	21	82.917	46.946	1048.6
79	20	83.506	52.409	1020.2	112	22	82.889	46.545	1042.6
80	21	83.497	52.131	1015.9	113	23	82.895	45.970	1036.6
81	22	83.473	51.878	1008.5	114	24	82.939	45.718	1037.5
82	23	83.424	51.603	1010.8	115	25	82.995	45.776	1030.3
83	24	83.370	51.279	1008.0	116	26	83.014	46.133	1025.5
84	25	83.347	51.095	1013.8	117	27	83.014	46.343	1024.2
85	26	83.280	50.759	1015.5	118	28	83.132	46.644	1001.0
86	27	83.212	50.601	1016.7	119	29	83.074	47.455	1011.3
87	28	83.187	50.599	1010.1	120	30	83.068	47.928	1014.2
88	29	83.167	50.551	1007.5					
89	30	83.142	50.383	1001.7					
90	31	83.117	50.293	1011.1					

BUOY 8879

BUOY(8879) 89 May					BUOY(8879) 89 Jun				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	83.066	47.478	1003.5	152	1	82.780	36.438	1007.9
122	2	83.078	47.992	1017.1	153	2	82.732	36.354	1008.5
123	3	83.119	48.509	1019.3	154	3	82.682	36.472	1008.0
124	4	83.177	48.721	1019.0	155	4	82.607	36.594	1011.5
125	5	83.238	48.310	1013.4	156	5	82.550	36.843	1014.0
126	6	83.303	48.100	1011.2	157	6	82.495	37.324	1016.2
127	7	83.356	48.001	1012.8	158	7	82.471	37.611	1013.7
128	8	83.395	47.802	1013.9	159	8	82.504	37.855	1004.4
129	9	83.438	47.449	1009.4	160	9	82.506	37.719	1007.8
130	10	83.495	46.857	1015.0	161	10	82.428	37.860	1012.8
131	11	83.543	46.294	1014.2	162	11	82.378	38.089	1016.5
132	12	83.572	45.511	1016.4	163	12	82.307	38.579	
133	13	83.545	44.619	1011.9	164	13	82.213	39.282	1012.2
134	14	83.479	44.140	1012.4	165	14	82.181	39.623	1003.8
135	15	83.449	44.070	1011.7	166	15	82.157	39.945	1006.2
138	18	83.463	42.063	1008.3	167	16	82.144	40.164	998.0
139	19	83.464	41.210	1016.3	168	17	82.097	39.921	1001.5
140	20	83.443	40.557		169	18	82.003	40.319	1007.5
141	21	83.414	40.096	1027.5	170	19	81.999	40.689	1001.7
142	22	83.389	39.693	1024.2	171	20	82.002	40.749	997.8
143	23	83.369	39.338	1023.3	172	21	81.953	40.654	1001.7
144	24	83.346	38.990	1022.3	173	22	81.883	40.676	997.0
145	25	83.321	38.429	1013.0	174	23	81.844	40.628	994.8
146	26	83.321	37.501	1001.8	175	24	81.796	40.584	1004.2
147	27	83.260	36.923	1002.5	176	25	81.800	40.437	1003.7
148	28	83.156	36.742	999.7	177	26	81.840	40.105	1002.2
149	29	83.025	36.423	1004.6	178	27	81.828	39.959	1004.2
150	30	82.956	36.153	1012.8	179	28	81.768	39.865	1010.6
151	31	82.894	35.972	1014.3	180	29	81.754	39.651	1009.5
					181	30	81.755	39.378	1015.3

BUOY(8879) 89 Jul					BUOY(8879) 89 Aug				
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	81.857	39.167	1001.2	214	2	81.480	44.984	1007.4
183	2	81.913	39.695	1000.7	215	3	81.517	44.975	994.8
184	3	81.854	40.091	1006.2	216	4	81.500	44.612	1012.2
185	4	81.865	40.445	995.5	217	5	81.505	44.586	1022.5
186	5	81.762	40.420	997.1	218	6	81.580	44.881	1010.4
187	6	81.649	40.531	1000.7	219	7	81.598	45.279	1015.7
188	7	81.567	41.086	995.3	220	8	81.628	45.388	1012.4
189	8	81.544	41.579	997.0	221	9	81.631	45.470	1016.8
190	9	81.567	41.746	1000.8	222	10	81.621	45.476	1017.9
191	10	81.572	41.847	1007.9	223	11	81.591	45.386	1017.6
192	11	81.581	41.954	1014.7	224	12	81.556	45.096	
193	12	81.627	42.290	1013.0	225	13	81.505	44.536	1005.8
194	13	81.680	42.750	1013.7	226	14	81.490	43.894	993.9
195	14	81.712	42.963	1015.3	227	15	81.526	43.216	995.4
196	15	81.733	42.915	1016.4	228	16	81.501	42.456	995.2
197	16	81.761	42.800	1017.2	229	17	81.465	42.277	1000.4
198	17	81.789	42.671	1016.6	230	18	81.466	42.587	1000.6
199	18	81.815	42.447	1010.8	231	19	81.446	42.606	1005.8
200	19	81.866	42.515	999.5	232	20	81.405	42.348	1011.5
201	20	81.834	43.117	1008.1	233	21	81.392	42.317	1013.3
202	21	81.843	43.637	1011.9	234	22	81.360	42.589	1010.2
203	22	81.836	43.968	1014.0	235	23	81.263	42.857	1008.7
204	23	81.868	44.213	1005.9	236	24	81.190	43.047	1005.8
205	24	81.836	44.340	1004.6	237	25	81.105	43.080	1002.9
206	25	81.810	44.881	992.5	238	26	81.038	43.098	999.0
207	26	81.714	45.106	995.2	239	27	81.002	42.725	1001.6
208	27	81.689	45.123	996.5	240	28	80.989	42.665	997.3
209	28	81.682	45.256	992.9	241	29	81.069	42.971	1005.7
210	29	81.681	45.262	999.2	242	30	81.031	43.046	1001.9
					243	31	81.009	43.188	997.3

BUOY 8879

BUOY (8879) 89 Sep					BUOY (8879) 89 Oct				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
244	1	80.964	42.913	1002.8	274	1	80.803	45.071	
245	2	80.919	42.896	1005.9	275	2	80.749	44.972	
246	3	80.833	42.868	1008.3	276	3	80.740	45.010	
247	4	80.772	43.203	1008.7	277	4	80.755	44.916	
248	5	80.803	43.736		278	5	80.749	44.520	
249	6	80.775	43.328	990.3	279	6	80.763	44.520	
250	7	80.674	42.446	989.5	280	7	80.766	44.390	
251	8	80.547	41.456		281	8	80.836	44.329	
252	9	80.468	41.254	1009.0	282	9	80.964	44.132	
253	10	80.400	41.567	1012.8	283	10	81.075	43.984	
254	11	80.355	41.739	1008.2	284	11	81.179	43.818	
255	12	80.324	41.794	1012.3	285	12	81.289	43.772	
256	13	80.338	41.816	1014.8	289	16	81.329	42.969	
257	14	80.362	42.193	1019.2	290	17	81.284	42.504	
258	15	80.395	42.222	1023.3	291	18	81.223	42.089	
259	16	80.515	41.677	1017.0	292	19	81.084	41.537	
260	17	80.635	41.241	1012.1	293	20	81.052	41.490	
261	18	80.710	41.348	1008.4	294	21	81.122	42.038	
262	19	80.779	41.653	1004.0	295	22	81.029	42.139	
263	20	80.648	41.672	1007.0	296	23	80.968	42.275	
264	21	80.550	41.483	1006.9	297	24	80.837	41.889	
265	22	80.536	41.346	1008.3	298	25	80.699	41.990	
266	23	80.520	41.106	1013.3	299	26	80.638	42.012	
267	24	80.535	41.387	1010.9	300	27	80.650	41.724	
268	25	80.614	41.845	996.3	301	28	80.656	41.017	
269	26	80.702	42.625		302	29	80.629	41.205	
270	27	80.779	43.751	979.7	303	30	80.659	41.162	
271	28	80.801	44.994	981.2	304	31	80.390	41.322	
272	29	80.829	45.262	993.9					
273	30	80.831	45.281	997.9					

BUOY (8879) 89 Nov					BUOY (8879) 89 Dec				
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)
305	1	80.370	41.560	1018.0	336	2	80.490	36.381	985.4
306	2	80.449	42.098	1010.7	337	3	80.301	36.400	983.5
307	3	80.503	42.264	1000.6	338	4	80.085	35.868	992.5
308	4	80.479	42.560		339	5	79.889	35.144	1004.9
309	5	80.452	42.614	1014.5	340	6	79.744	34.577	1004.9
310	6	80.572	42.687	1003.5	341	7	79.657	33.852	1015.4
311	7	80.597	43.282	1008.0	342	8	79.555	33.729	1018.6
312	8	80.515	42.790	1017.3	343	9	79.515	33.751	1021.4
313	9	80.495	42.648	1020.8	344	10	79.494	33.701	
314	10	80.471	42.586	1024.7	345	11	79.463	33.532	1015.3
315	11	80.416	42.621	1025.9	346	12	79.350	33.312	1010.7
316	12	80.411	42.525	1021.5	347	13	79.307	33.362	1011.5
317	13	80.423	42.476		348	14	79.326	33.227	1015.6
318	14	80.627	41.476	1002.1	349	15	79.339	32.618	1014.0
					350	16	79.321	31.666	1010.3
					351	17	79.265	31.090	1008.6
					352	18	79.234	31.164	1008.5
					353	19	79.188	31.151	1009.9
					354	20	79.180	31.109	1005.3
					355	21	79.170	30.948	991.8
					356	22	79.111	30.775	982.7
					359	25	78.945	31.524	1008.5
					360	26	79.180	31.236	987.8
					363	29	79.397	30.562	

-4.6*

BUOY 8883

BUOY(8883) 89 Jan					BUOY(8883) 89 Feb						
	LAT (N)	LON (+E,-W)	P (MB)	T (C)		LAT (N)	LON (+E,-W)	P (MB)	T (C)		
1	1	76.129	27.703	1015.5	-17.2	33	2	75.797	16.273	977.4	-19.1*
2	2	76.256	27.977		-0.9	34	3	75.687	14.730	992.0	-15.8
3	3	76.294	28.848	970.5	-6.8						
4	4	76.115	28.807	1001.6	-19.2						
5	5	75.985	28.403	1002.6	-23.7						
6	6	75.781	27.860	1005.7	-22.6						
7	7	75.562	27.388	1008.3	-22.3						
8	8	75.462	27.079	1007.5	-21.9						
9	9	75.422	26.681	1004.5	-21.5						
10	10	75.374	26.447	997.2	-17.5						
11	11	75.330	26.771	999.0	-14.6						
12	12	75.344	26.141	1003.3	-18.4*						
13	13	75.376	25.587	1010.2	-13.0						
14	14	75.645	25.480	991.3	-1.2						
15	15	75.748	25.407	977.3	-2.6						
16	16	75.826	24.941	987.9	-8.8						
17	17	75.670	24.079	1002.4	-21.1*						
18	18	75.618	23.574	1011.4	-14.6						
19	19	75.794	23.384	981.5	-2.0						
20	20	75.829	23.412	979.3	-8.3*						
21	21	75.741	22.911	996.6	-16.3						
22	22	75.637	21.854	1006.2	-23.6						
25	25	75.516	20.282	980.0	-2.4						
26	26	75.511	20.844	980.9	-3.4						
27	27	75.498	20.981	980.0	-8.9						
28	28	75.578	20.338	958.4	-10.1						
29	29	75.488	19.161	984.0	-18.5						
31	31	75.694	18.593	1005.1	-17.5						

BUOY 8887

BUOY (8887) 89 Jan					BUOY (8887) 89 Feb						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
2	2	78.762	36.300	982.7	-7.5	32	1	77.120	32.622	1005.1	-32.3
3	3	78.870	36.707	970.7	-11.0	33	2	77.107	31.984		-23.7*
4	4	78.723	36.365	996.2	-22.5	34	3	76.965	31.038	987.7	-28.0
5	5	78.489	35.934	998.2	-24.4	37	6	76.816	30.727	987.5	-34.8*
6	6	78.324	35.227	1004.6	-26.8	38	7	76.776	30.806	988.1	-35.8*
7	7	78.187	34.617	1008.0	-28.5	39	8	76.728	30.899	999.7	-33.1*
8	8	78.128	34.375	1006.1	-32.0	41	10	76.628	31.192	1024.2	-28.1*
9	9	78.015	34.594	1002.3	-22.7	42	11	76.787	31.384	997.4	-6.7
12	12	77.791	34.859	1006.4	-37.2	43	12	76.807	31.802	983.0	-3.0
13	13	77.775	34.924	1013.8	-36.0*	44	13	76.842	32.029	981.1	-9.0
14	14	77.891	35.327	999.5	-13.8	45	14	76.915	31.917	986.2	-9.3
15	15	78.093	36.123	979.9	-4.6	46	15	76.950	31.373	984.9	-6.6
16	16	78.138	36.216	987.2	-12.5	47	16	76.921	30.252	964.8	-5.0
17	17	78.018	35.566	1003.0	-30.4*	48	17	76.771	29.958	966.6	-12.2*
18	18	77.993	35.639	1014.1	-34.4	49	18	76.519	30.315	994.8	-22.3
19	19	78.078	35.910	996.4	-12.0*	50	19	76.521	30.320	998.3	-22.0*
20	20	78.218	35.765	981.7	-10.6	51	20	76.557	30.007	999.3	-17.1
21	21	78.128	35.381	993.0	-20.3	52	21	76.516	29.493	1002.8	-28.3
22	22	77.866	34.458	1003.3	-28.2	53	22	76.463	29.212	1003.9	-25.9*
23	23	77.632	33.461	1011.2	-27.7	54	23	76.444	29.116	1005.7	-28.5
24	24	77.579	33.090	1016.8	-35.3	55	24	76.454	29.040	1003.7	-31.0*
25	25	77.645	32.981	998.6	-15.1	56	25	76.440	28.846	1006.3	-31.4
26	26	77.784	33.102		-6.9*	57	26	76.484	28.416	1002.6	-26.5*
27	27	77.732	33.258	979.6	-11.2*	58	27	76.406	27.972		-25.3*
28	28	77.655	33.077	974.6	-15.8	59	28	76.252	27.429	1004.1	-28.7
29	29	77.529	32.577	982.6	-28.4						
30	30	77.392	32.513	991.7	-32.3						
31	31	77.264	32.579	1003.3	-33.1						

BUOY (8887) 89 Mar					BUOY (8887) 89 Apr						
	LAT (N)	LON (+E, -W)	P (MB)	T (C)		LAT (N)	LON (+E, -W)	P (MB)	T (C)		
60	1	76.175	27.094	1008.1	-26.6	108	18	75.596	20.522	1022.6	
61	2	76.200	26.718	1008.5	-19.5*						
62	3	76.142	26.009	1004.3	-25.9*						
63	4	76.169	25.788	999.0	-8.0*						
64	5	76.124	26.116	1004.6	-10.2*						
65	6	76.030	25.563	1015.8	-24.1*						
66	7	76.057	24.661	992.6	-9.1*						
67	8	76.050	24.642	986.5	0.3*						
68	9	75.987	24.108	1020.6							
71	12	76.017	23.990	984.2							
72	13	76.007	23.995	982.8							
73	14	75.986	24.034	989.0							
74	15	75.826	23.639	982.2							
75	16	75.712	23.490	991.0							
76	17	75.694	23.344	992.7							
80	21	75.548	22.106	1002.2							
87	28	75.302	19.225	1007.7							
88	29	75.396	18.652	975.8							
89	30	75.259	18.298	992.2							

BUOY 8889

BUOY(8889) 89 Jan		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(8889) 89 Feb		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1	78.758	37.907	1013.8	-27.5	32	1	77.070	35.389	1006.6	-31.5
2	2	78.874	38.504	983.3	-8.6	33	2	77.072	34.821	978.3	-25.2*
3	3	79.008	38.910		-10.3	34	3	76.997	33.764	987.2	-28.2
4	4	78.868	38.540	995.2	-21.3	35	4	76.882	33.632	991.2	-34.5
5	5	78.641	38.035	998.1	-23.0	36	5	76.785	33.355	988.5	-37.2*
6	6	78.490	37.262	1004.7	-26.2*	37	6	76.734	33.456	989.0	-35.3
7	7	78.349	36.617	1008.5	-28.3	38	7	76.679	33.563	989.1	-37.8
8	8	78.289	36.386	1007.2	-31.1*	39	8	76.614	33.761	1000.6	-32.8
9	9	78.160	36.598	1001.5	-22.4*	40	9	76.541	34.034	1010.7	-29.7
10	10	78.033	36.884	993.6	-22.7	41	10	76.468	34.128	1026.3	-29.1
11	11	77.948	37.018	997.7	-28.8	42	11	76.610	34.428	997.6	-8.1
12	12	77.880	36.969	1008.0	-35.2*	43	12	76.628	34.908	985.0	-3.3
13	13	77.855	37.032	1015.8	-33.6*	44	13	76.652	35.315	982.8	-6.5*
14	14	77.949	37.460		-15.2	45	14	76.678	35.260	987.8	-7.0*
15	15	78.166	38.475	980.5	-4.9	46	15	76.752	34.774	984.8	-4.9
16	16	78.202	38.632	986.9	-12.3	47	16	76.869	33.857	965.4	-3.9
17	17	78.062	37.979	1003.8	-31.8*	48	17	76.875	33.655	963.5	-6.1
18	18	78.023	38.029	1016.4	-32.7*	49	18	76.671	33.807	993.7	-21.2
19	19	78.120	38.360	998.1	-10.7*	50	19	76.618	34.034	1000.3	-25.4*
20	20	78.278	38.313	982.1	-9.6	51	20	76.645	33.920	1000.0	-16.5
21	21	78.191	37.877	991.4	-17.5	52	21	76.590	33.659	1003.1	-29.0
22	22	77.956	36.955		-27.4*	53	22	76.532	33.366	1004.6	-27.1
23	23	77.727	35.924	1011.5	-26.3*	54	23	76.487	33.233	1006.4	-30.4
24	24	77.676	35.564	1019.4	-34.9	55	24	76.455	33.260	1004.8	-33.6
25	25	77.735	35.401	1001.4	-15.5*	56	25	76.438	33.170	1007.7	-35.4
26	26	77.913	35.501	979.4	-6.0	57	26	76.451	32.991	1005.4	-23.2
27	27	77.878	35.735	979.5	-11.5*	58	27	76.447	32.823	996.1	-15.9
28	28	77.792	35.584	976.1	-16.9	59	28	76.315	32.525	1002.4	-29.5
29	29	77.661	35.160	982.8	-28.9						
30	30	77.468	35.159	992.0	-33.1						
31	31	77.242	35.259	1003.6	-32.9						

BUOY(8889) 89 Mar		LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(8889) 89 Apr		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	76.237	32.353	1009.4	-33.2	91	1	76.009	29.616	1015.8	0.2*
61	2	76.251	32.261	1012.3	-23.6*	92	2	75.994	30.692	1011.6	3.8*
62	3	76.215	31.633	1002.3	-22.8	93	3	75.887	31.400	1018.7	-4.3
63	4	76.209	31.434		-12.1	94	4	75.860	30.783	1013.3	-9.4
64	5	76.248	31.761	1005.6	-12.1	100	10	75.614	30.648	1021.2	-12.3
65	6	76.177	31.389	1016.9	-22.0*	101	11	75.667	30.410	1024.7	-2.1
66	7	76.221	30.807	993.4	-7.5	102	12	75.892	30.602	1014.6	5.0
67	8	76.237	31.369	990.3	-3.7*	105	15	76.165	31.632		1.1
68	9	76.177	31.336	1024.6	-19.1*	118	28	76.418	23.562	1011.0	0.5
69	10	76.361	31.154	999.4	-5.3	119	29	76.403	23.579	1015.6	-5.1
70	11	76.391	31.406	984.2	-1.0						
71	12	76.427	32.059	987.6	-2.1						
72	13	76.394	32.307	987.7	-2.0						
73	14	76.308	32.921	995.4	-5.1						
74	15	76.340	33.063	985.6	-0.9						
75	16	76.310	33.313	997.6	-13.0						
76	17	76.351	33.621	997.1	-6.7						
77	18	76.418	33.784	1002.7	-2.2						
78	19	76.458	33.655	1005.1	-6.0*						
79	20	76.462	33.472	1011.0	-15.2*						
80	21	76.430	33.297	1009.9	-18.9						
81	22	76.401	32.900	1002.9	-20.5*						
82	23	76.304	32.190	1000.4	-20.1*						
83	24	76.100	31.240	1003.7	-23.6						
84	25	75.932	30.651	1011.1	-24.4						
87	28	75.854	29.739	1017.4	-11.1*						
88	29	76.195	29.444	985.6	-2.5						
89	30	76.364	29.579	984.0	-4.7*						
90	31	76.050	29.296	1015.3	-12.7						

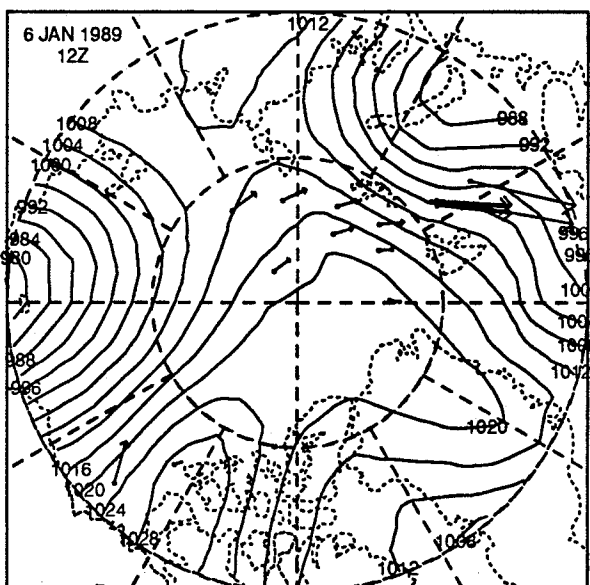
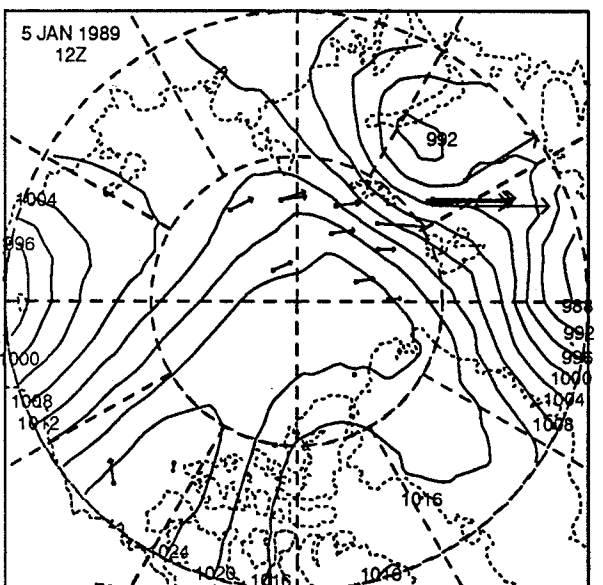
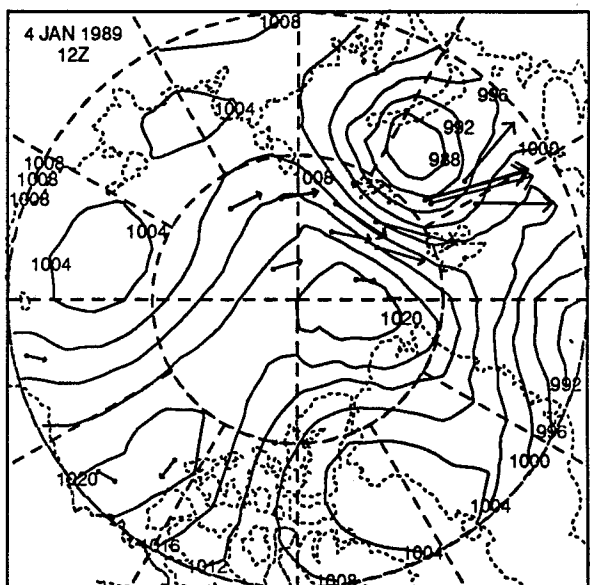
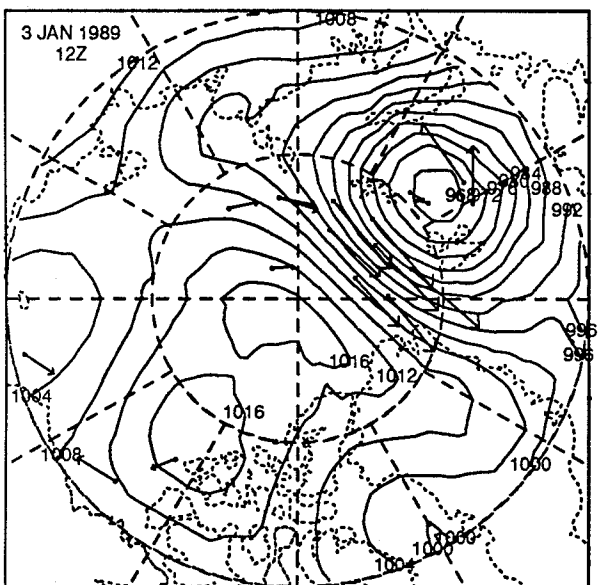
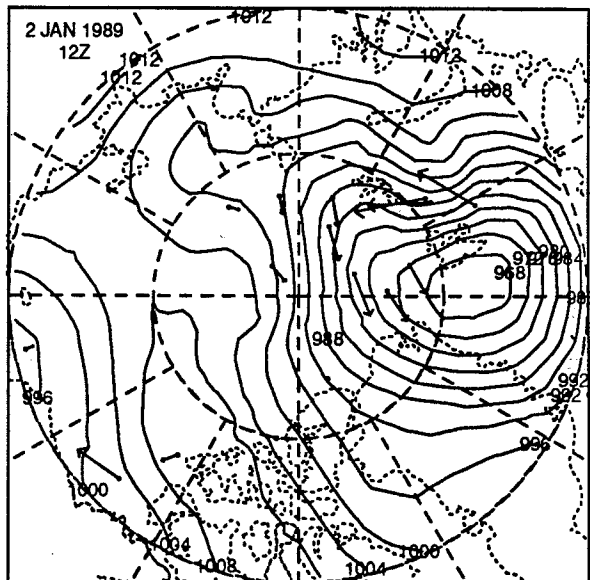
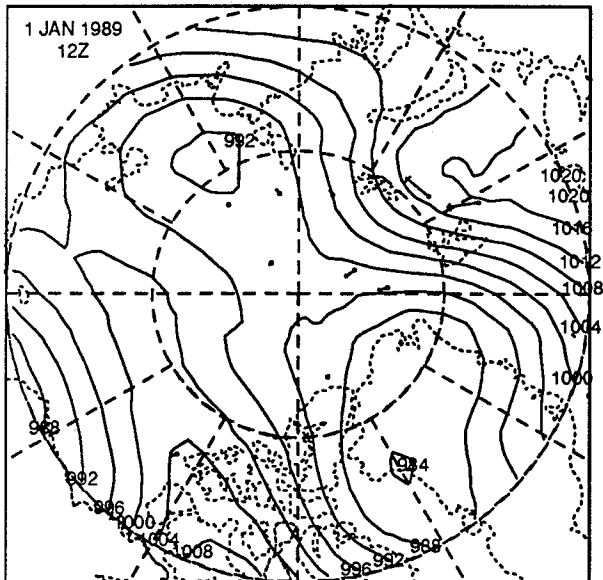
BUOY 8889

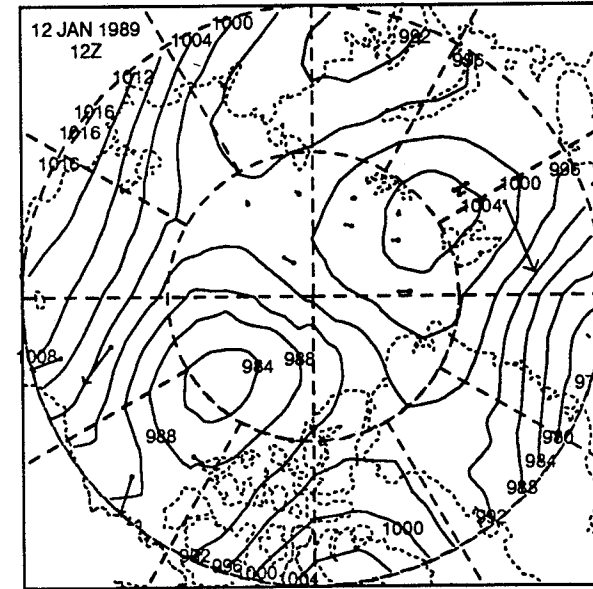
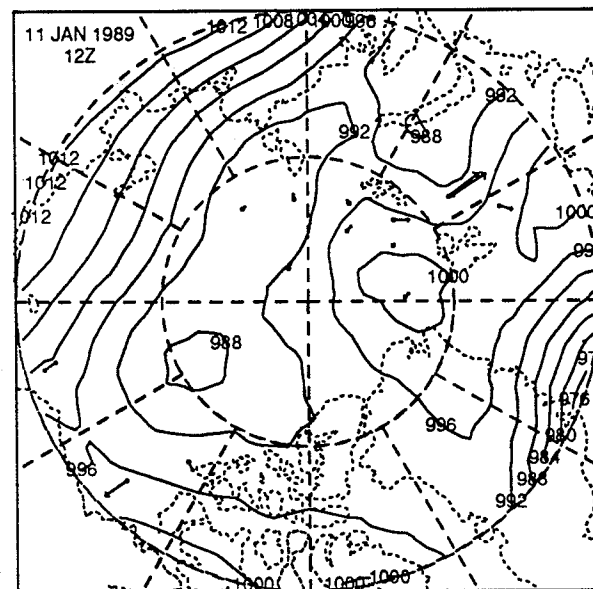
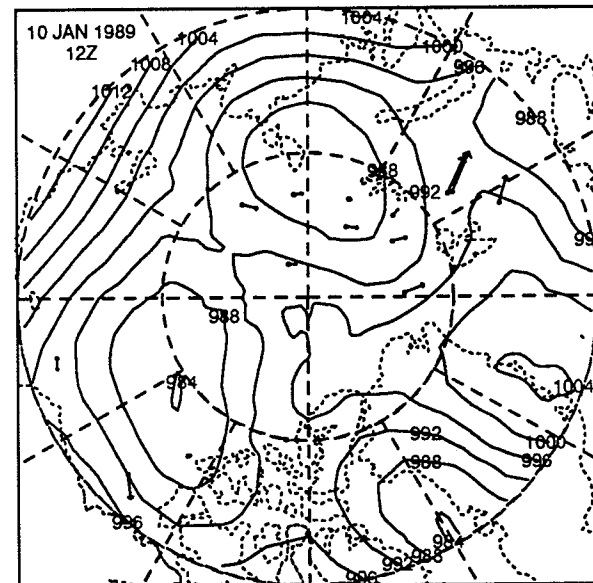
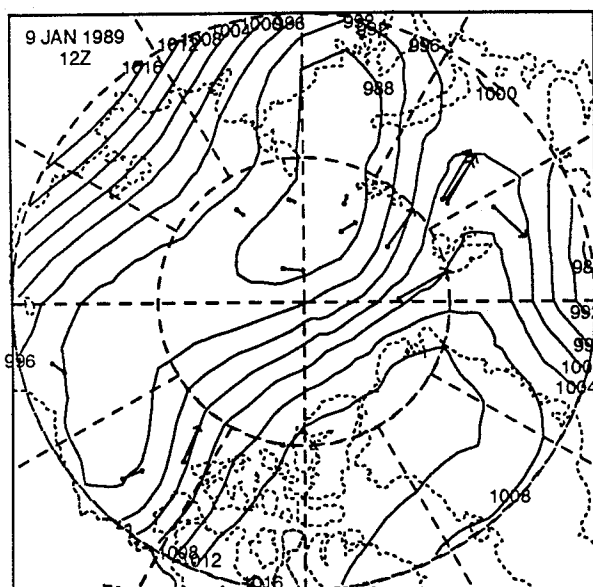
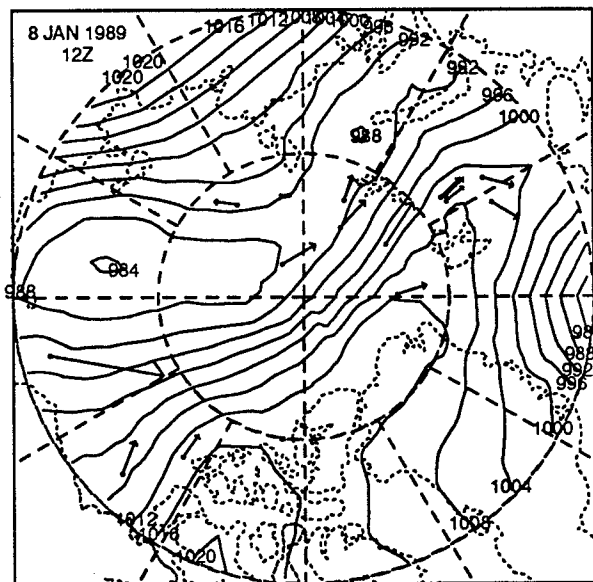
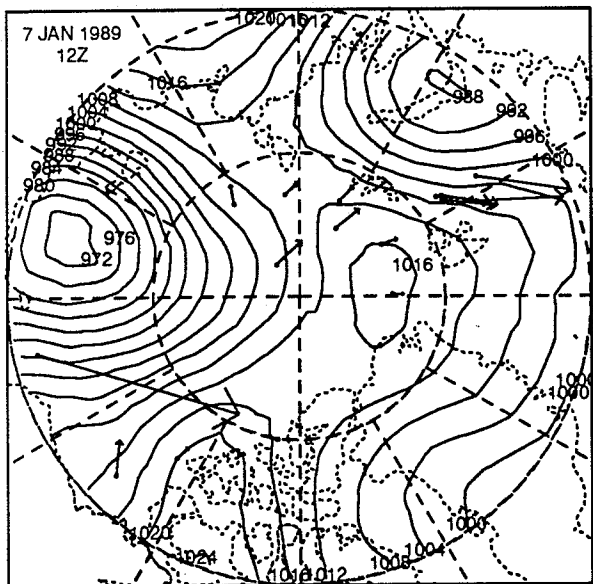
BUOY (8889)		LAT	LON	P	T
89 May		(N)	(+E, -W)	(MB)	(C)
123	3	76.487	22.353	1006.1	1.6
124	4	76.482	21.923	998.8	1.6
125	5	76.465	21.827	1002.6	1.6
126	6	76.447	21.759	1004.1	1.1
127	7	76.425	21.688	1006.4	1.4*
128	8	76.383	21.637	1007.5	1.1*
129	9	76.319	21.621	1005.0	0.4
130	10	76.268	21.686	1009.1	-1.3
131	11	76.268	21.540	1005.4	-1.9
132	12	76.156	20.703	1002.0	-0.7*
133	13	76.063	20.126	1014.7	-0.6
134	14	76.086	20.037	1014.6	0.0*
135	15	76.034	19.259	1007.0	-1.8
138	18	75.942	17.384	1012.9	-3.9*
139	19	75.905	17.117	1013.9	-3.6*
140	20	75.829	16.473	1026.5	-3.0

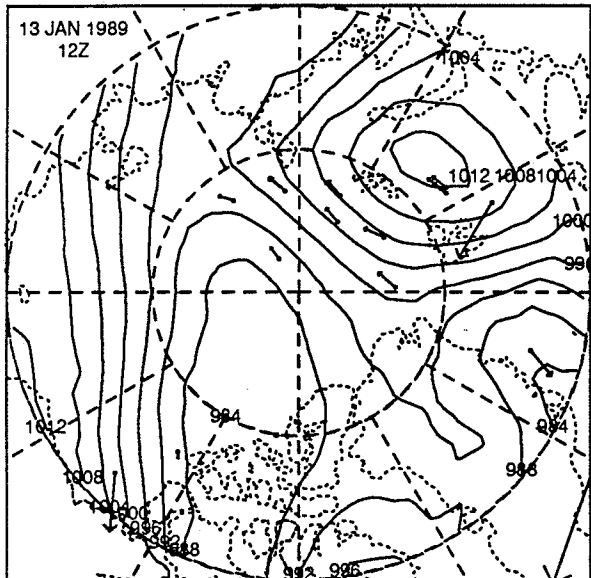
Graphical Data

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

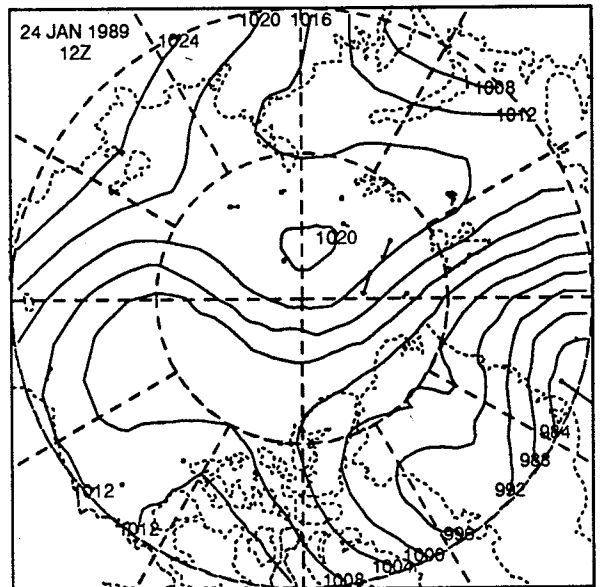
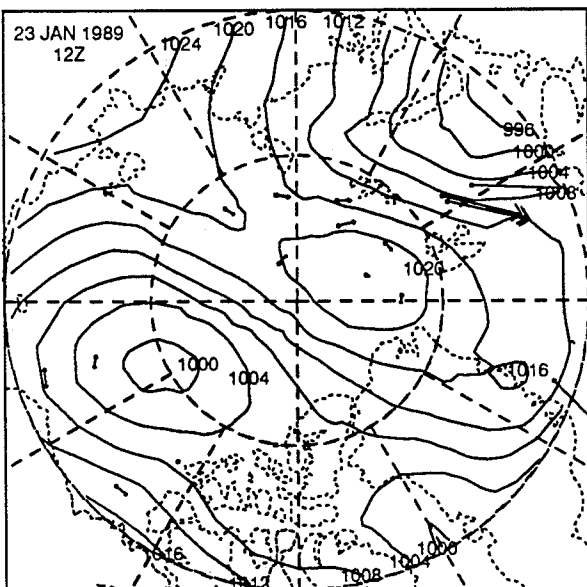
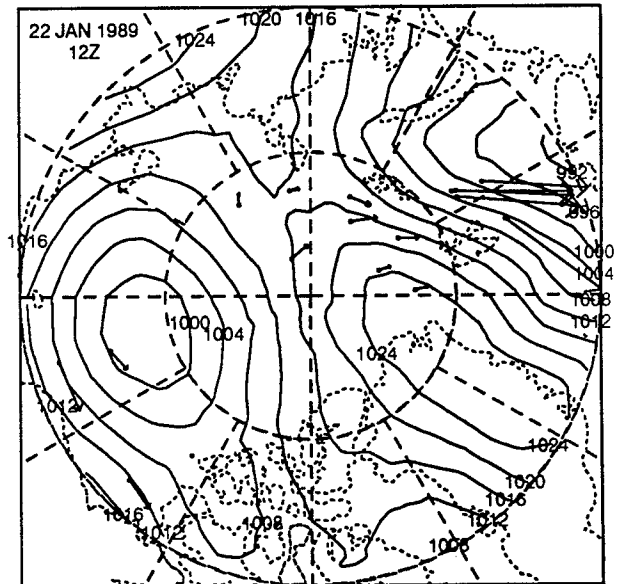
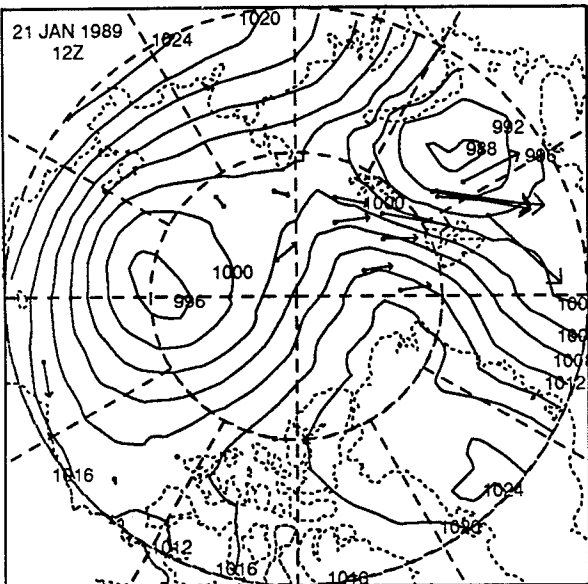
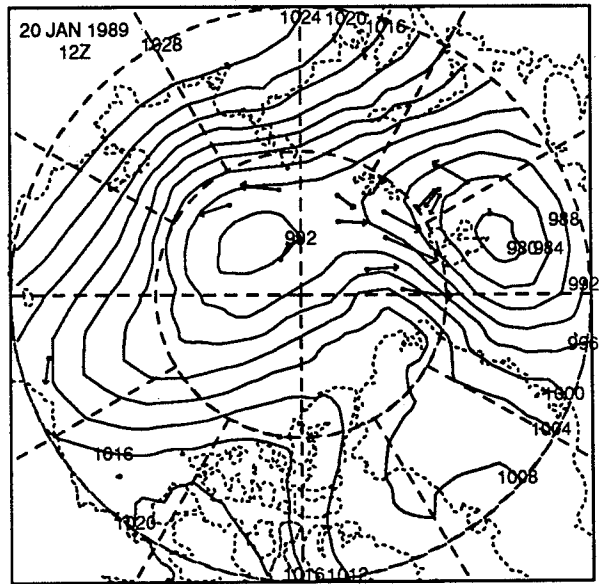
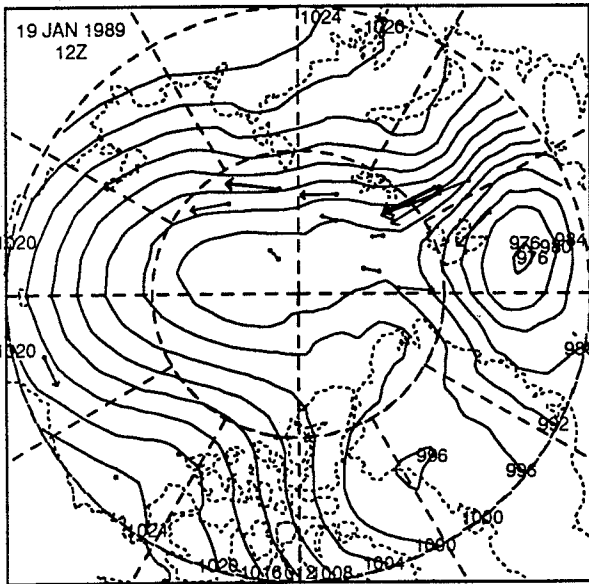
1 JAN 1989 - 6 JAN 1989

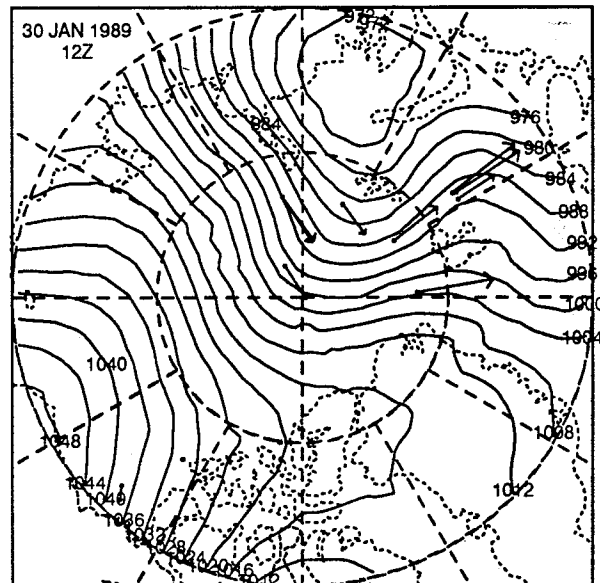
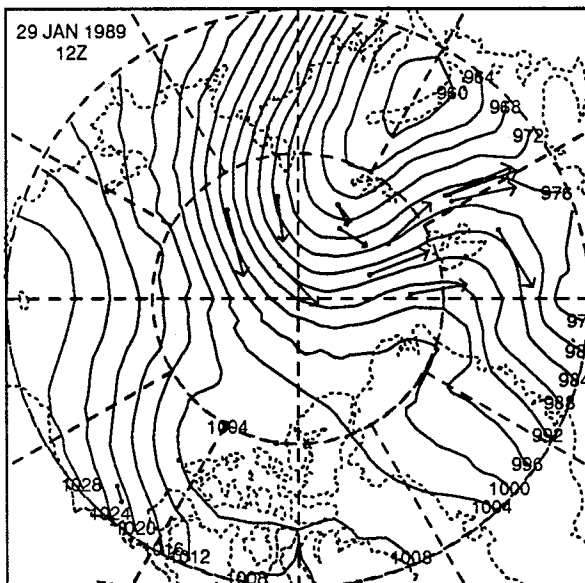
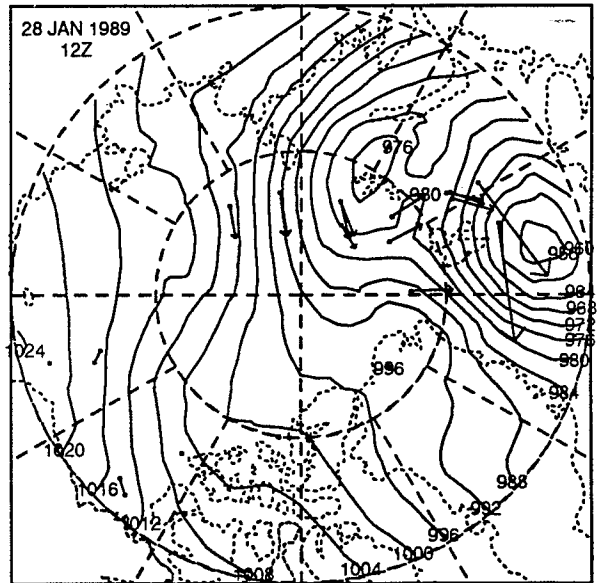
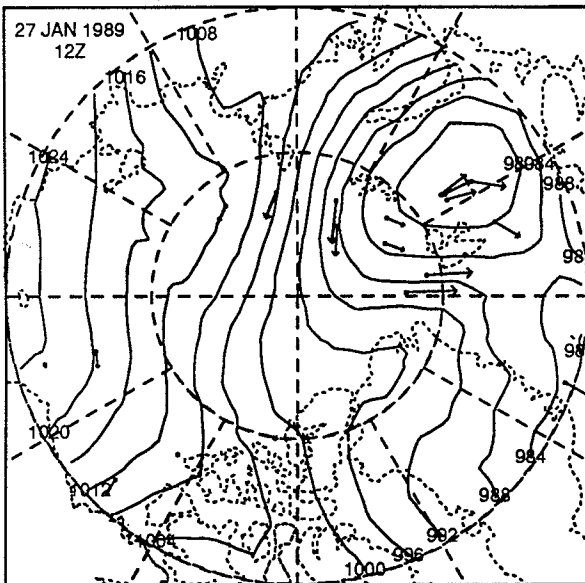
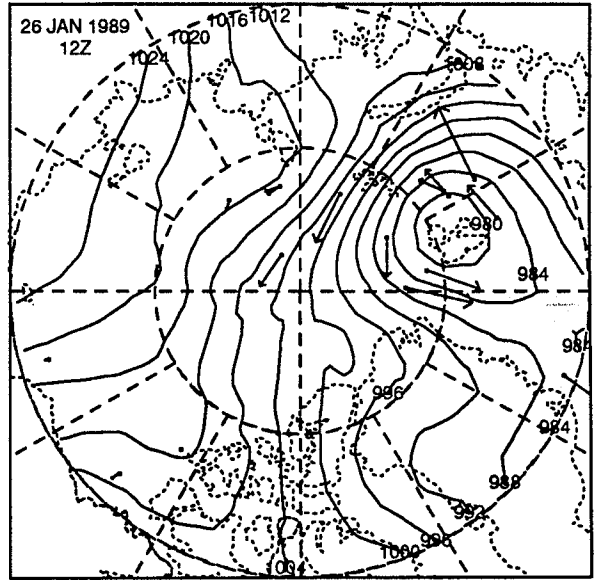
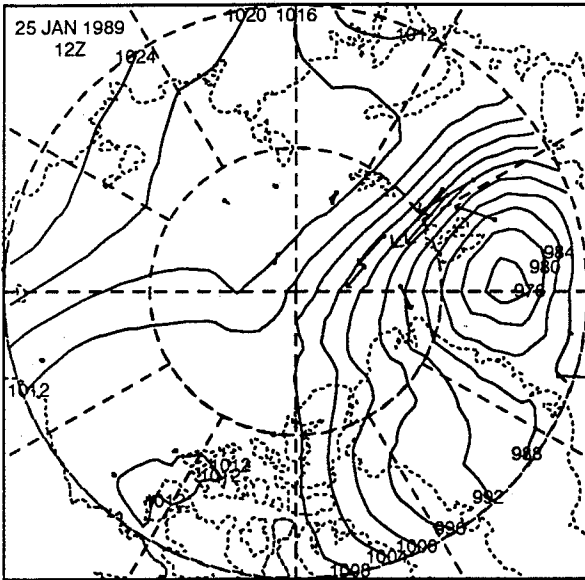




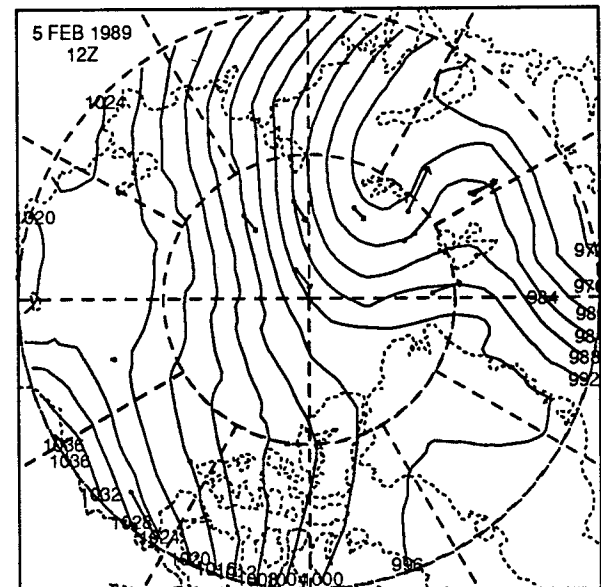
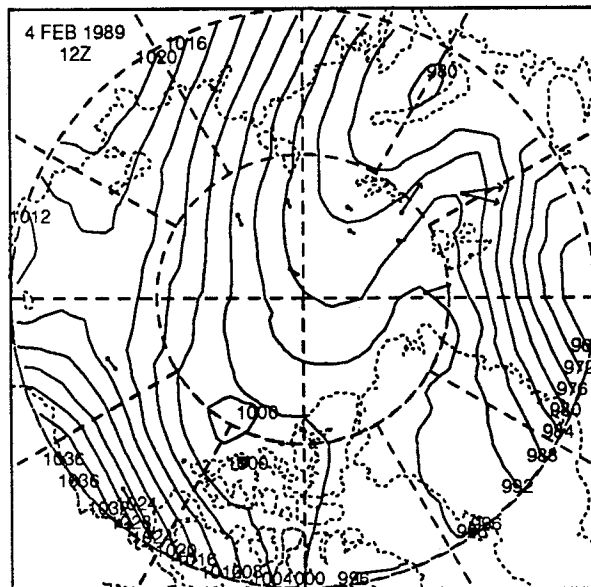
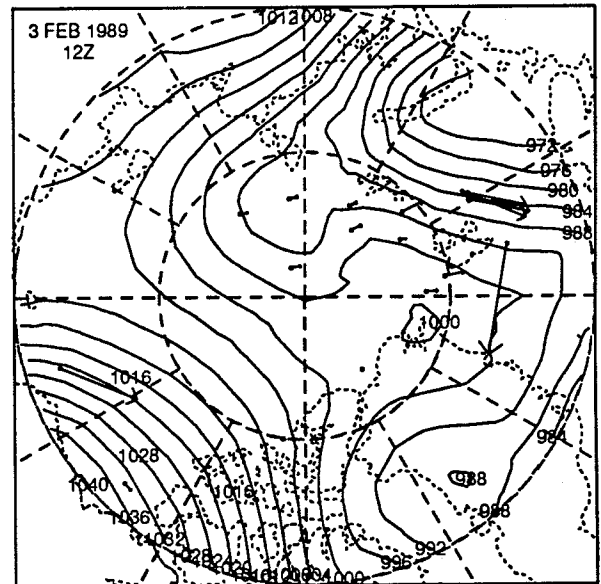
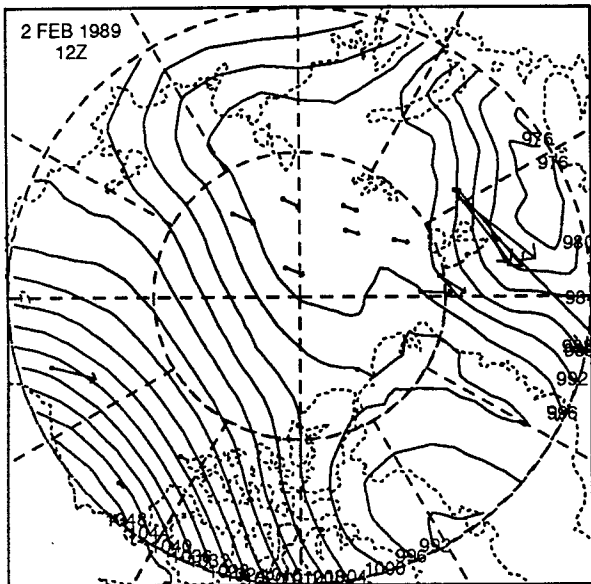
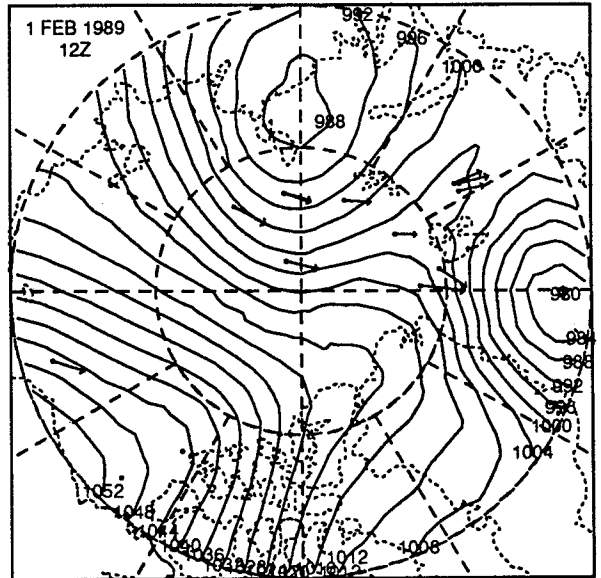
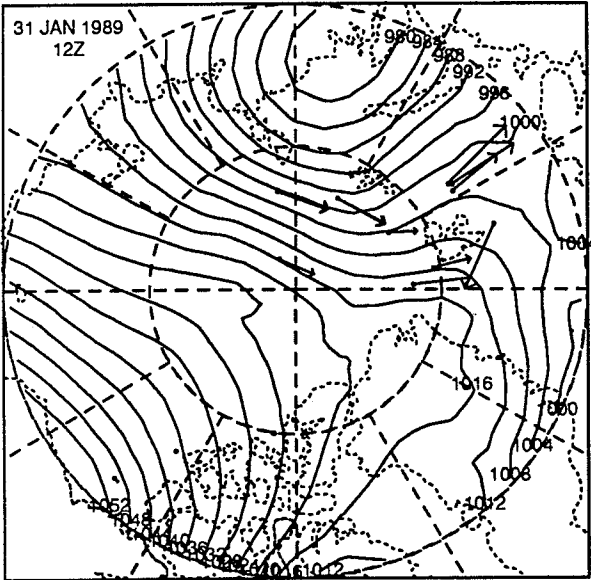


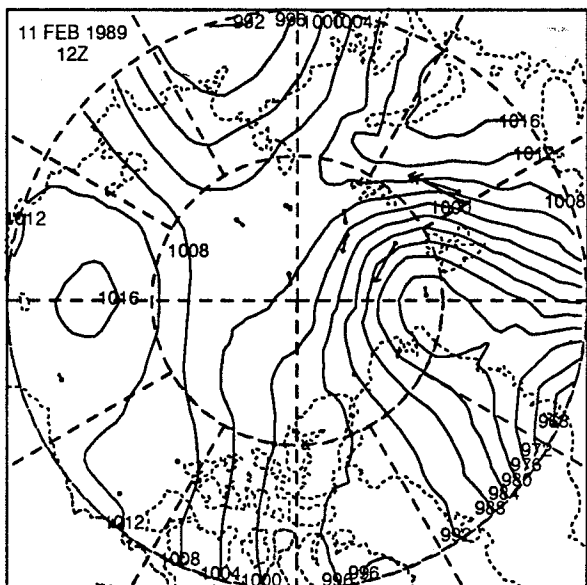
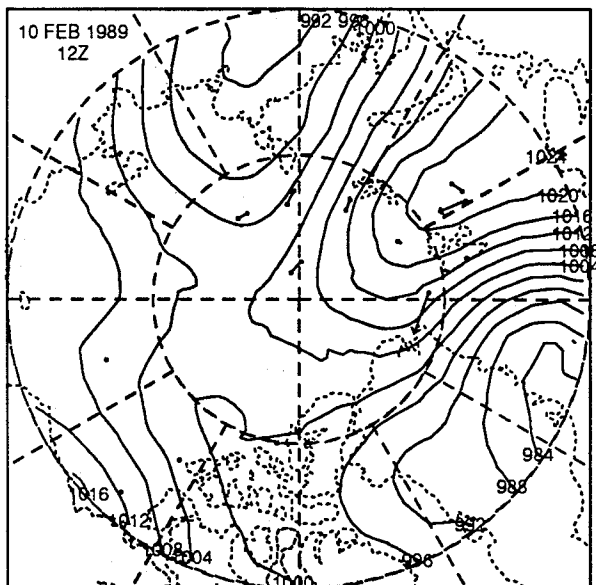
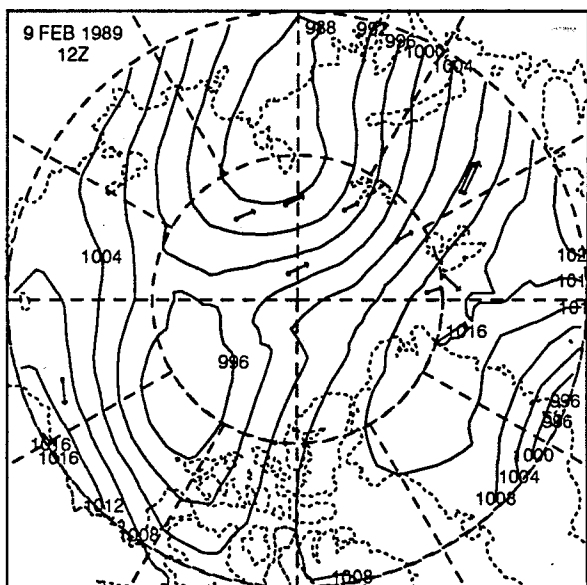
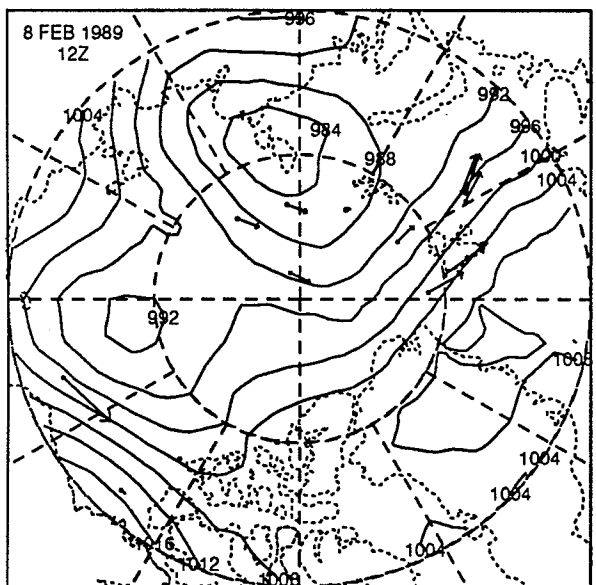
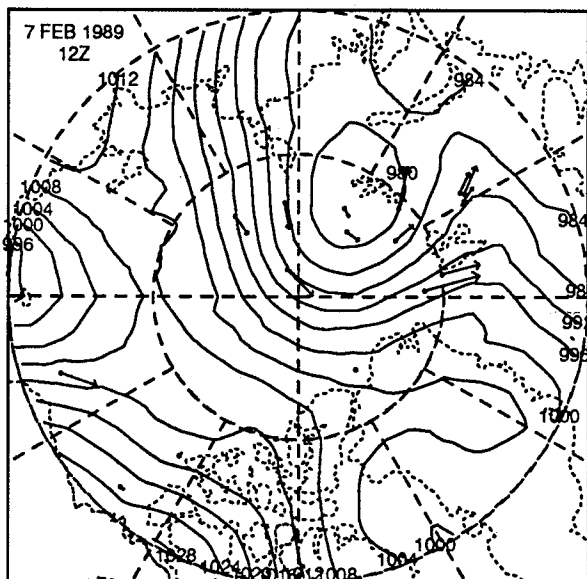
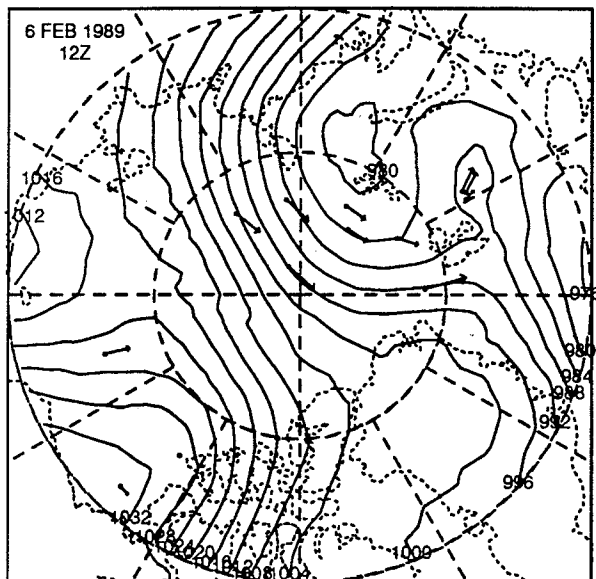
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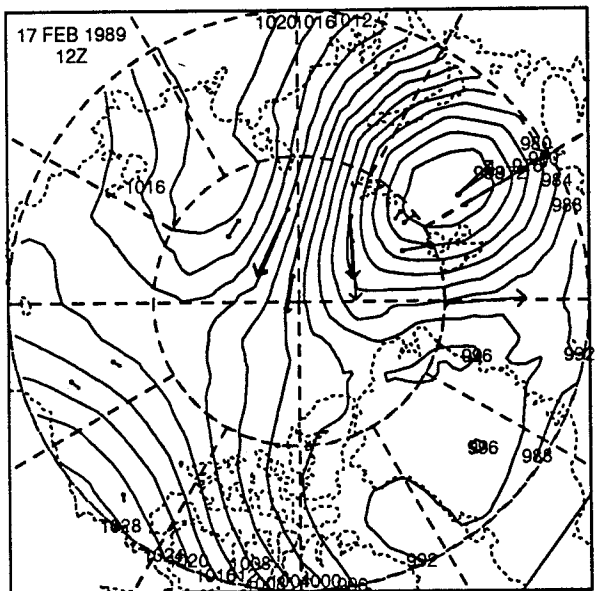
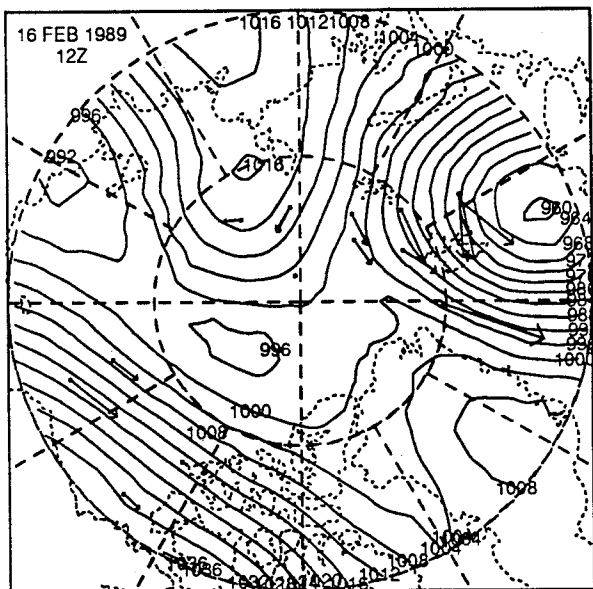
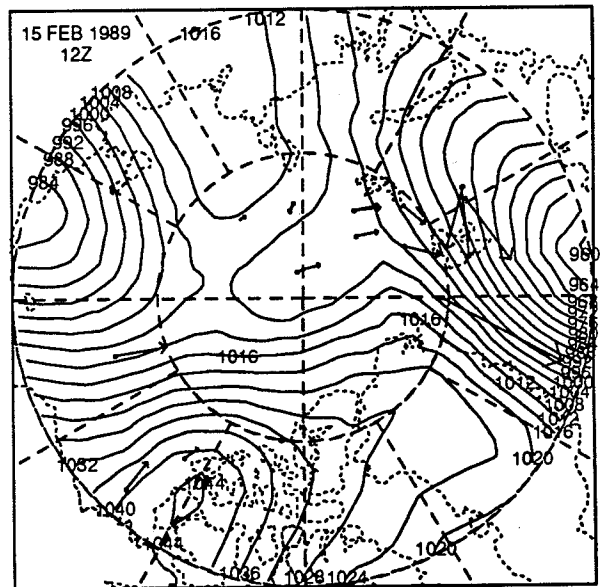
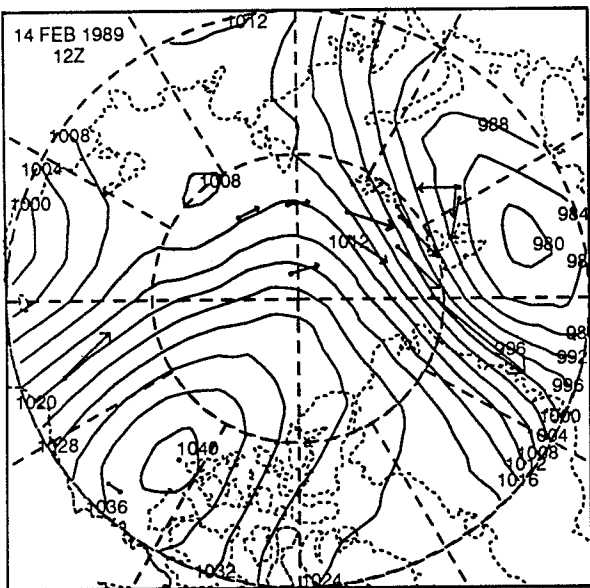
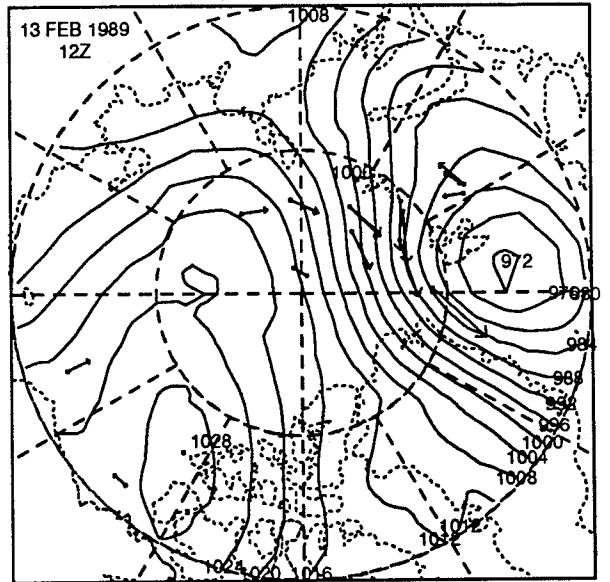
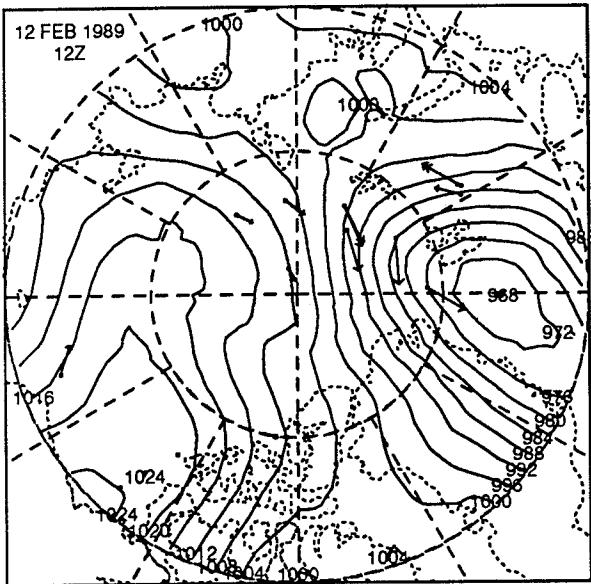


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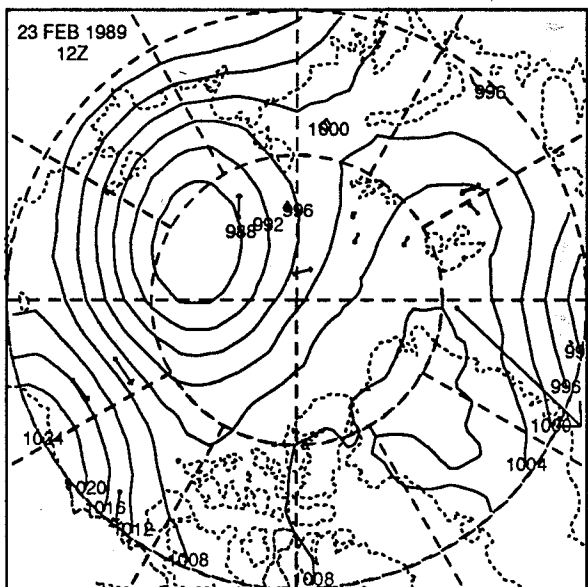
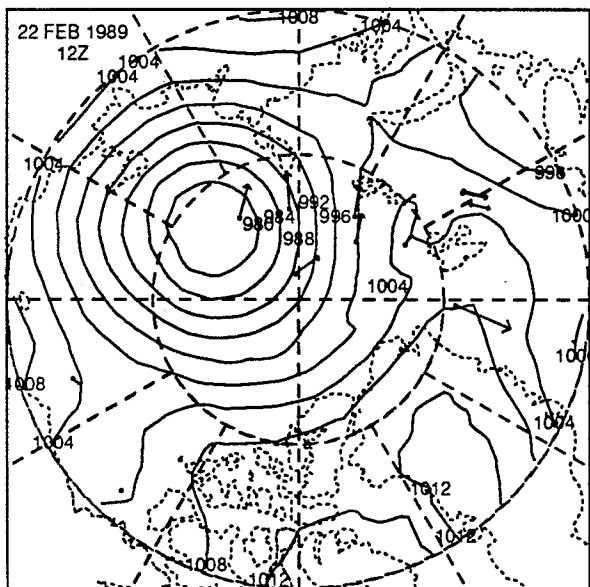
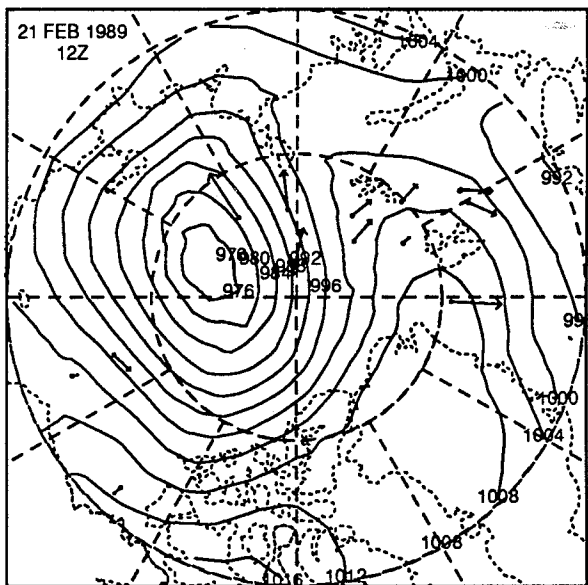
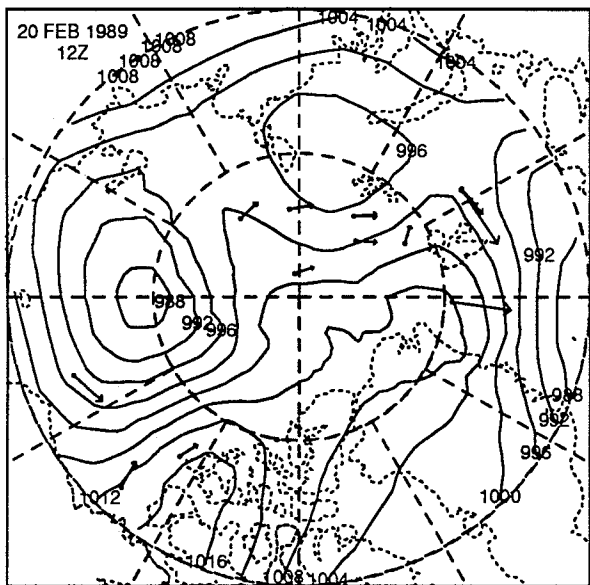
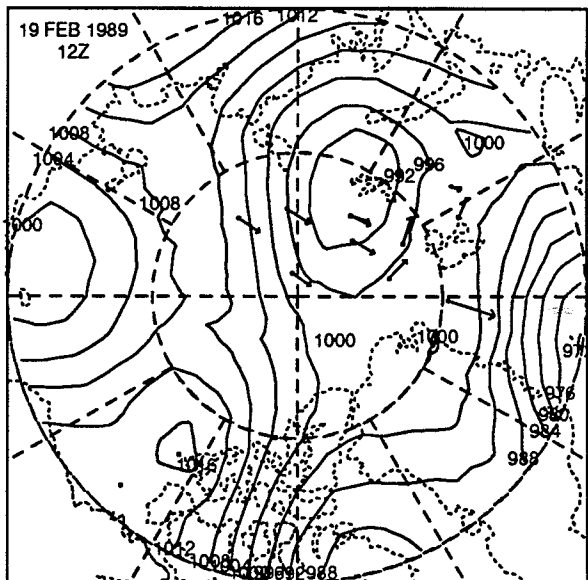
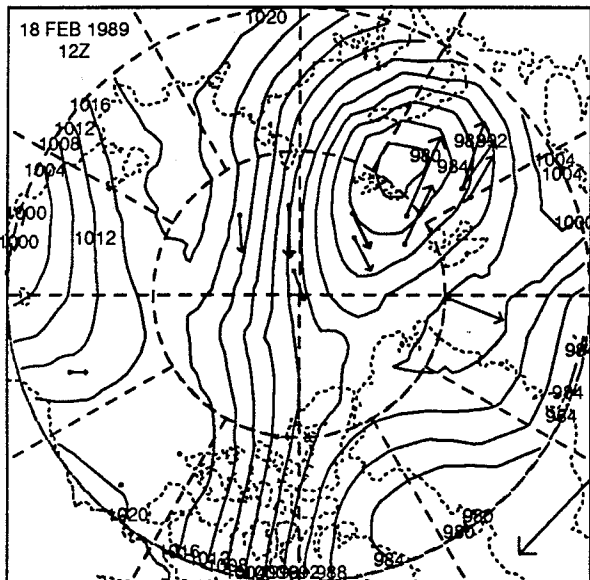


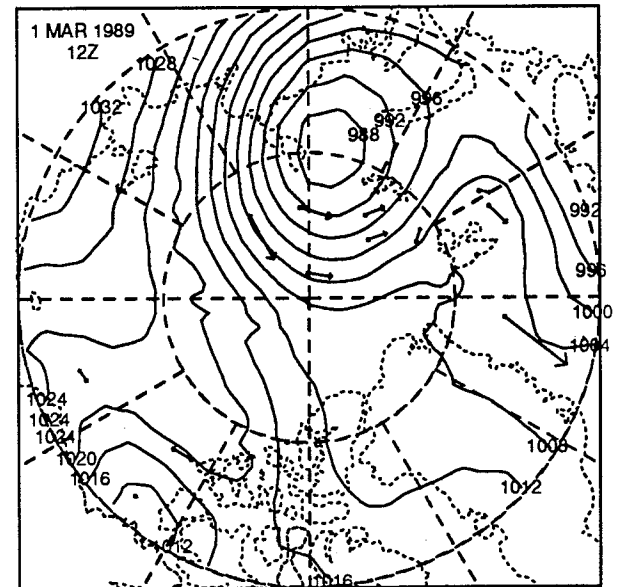
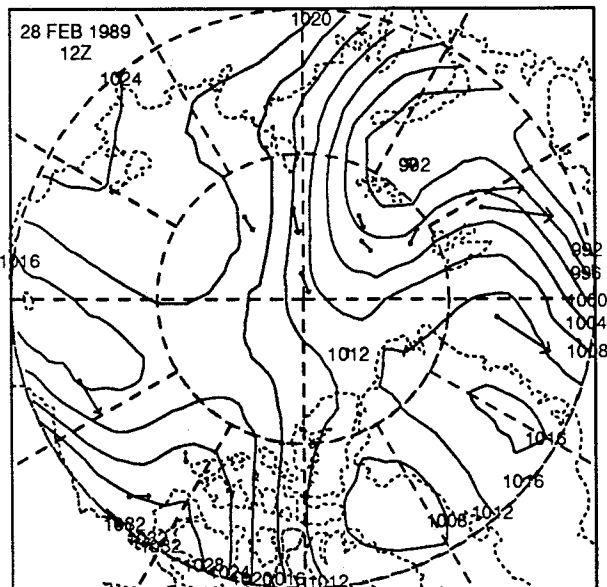
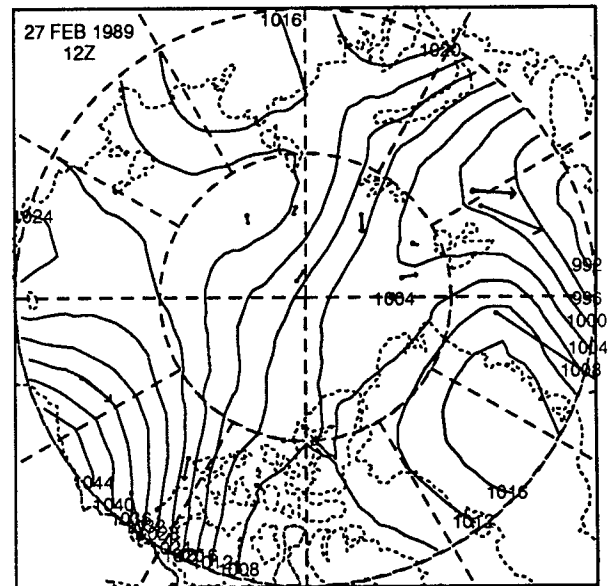
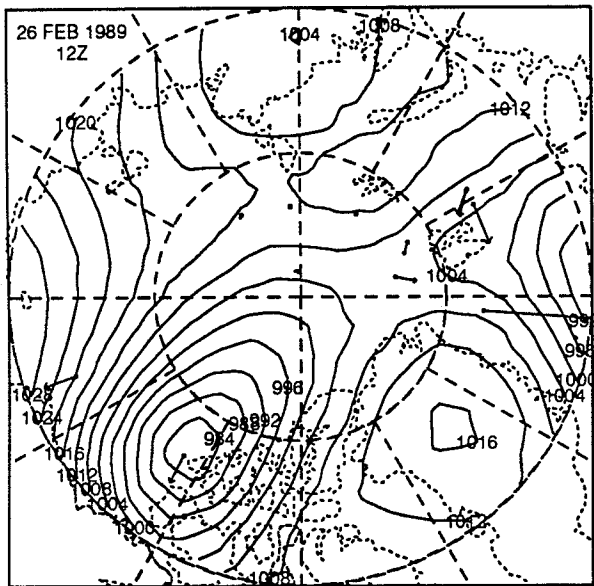
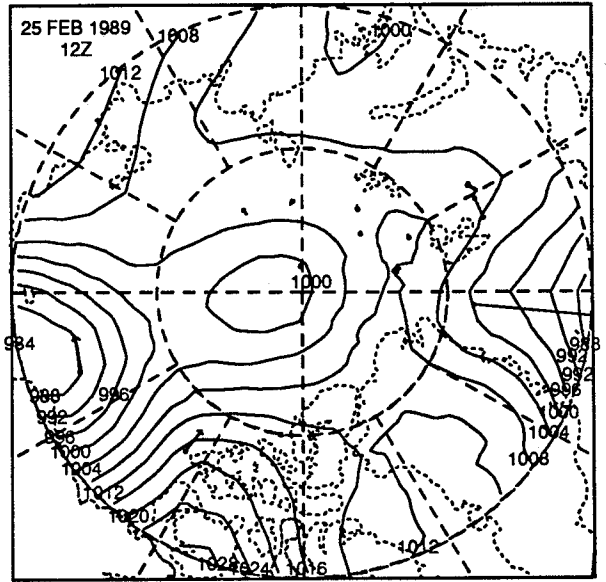
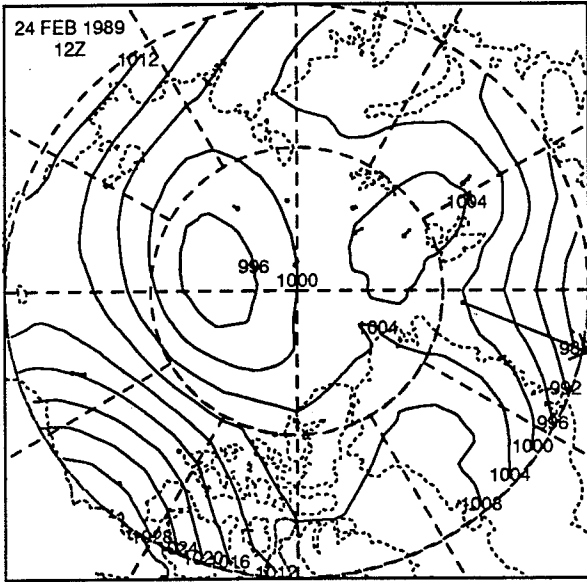


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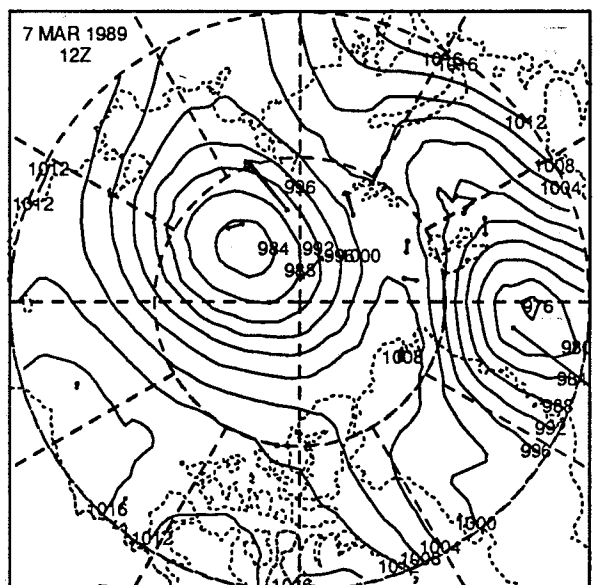
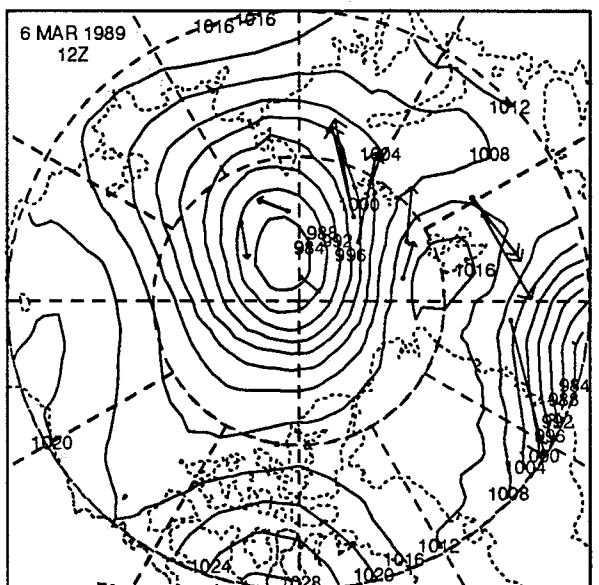
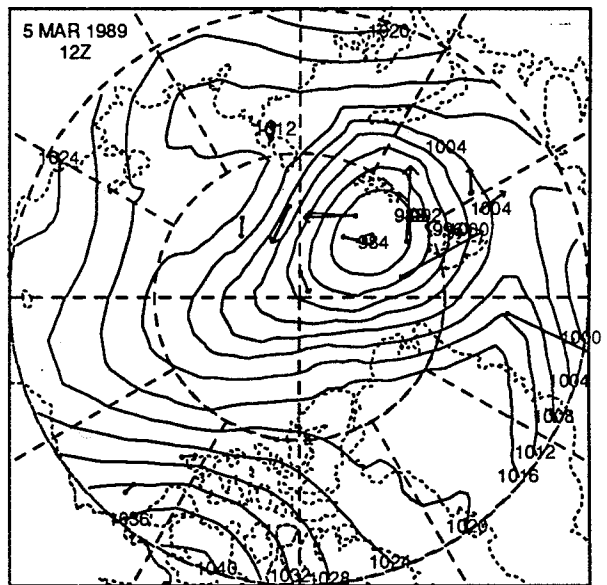
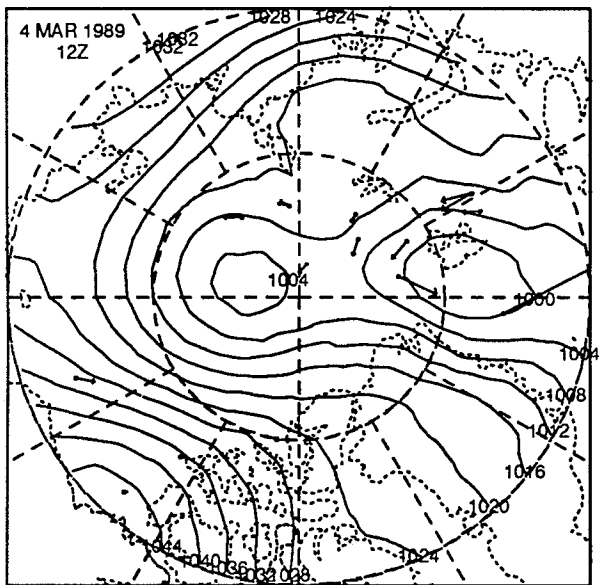
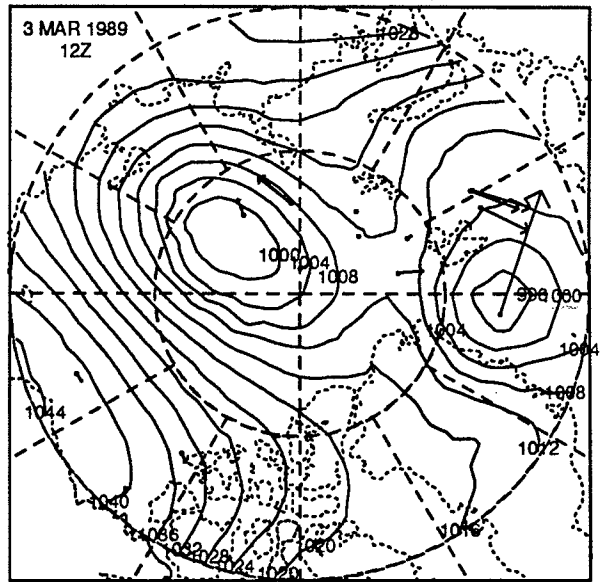
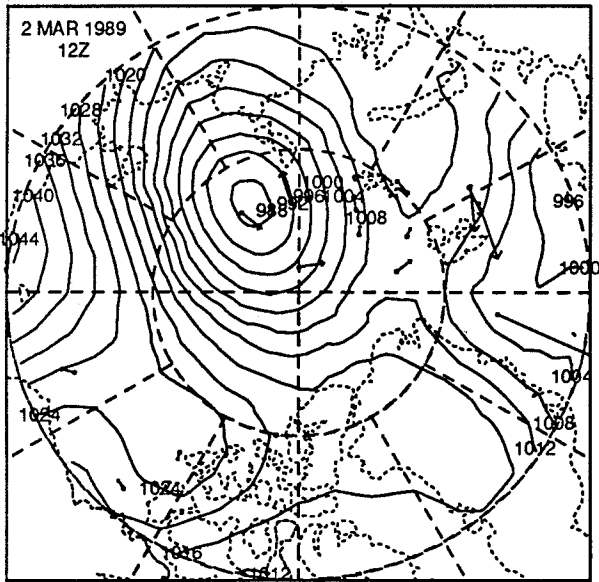


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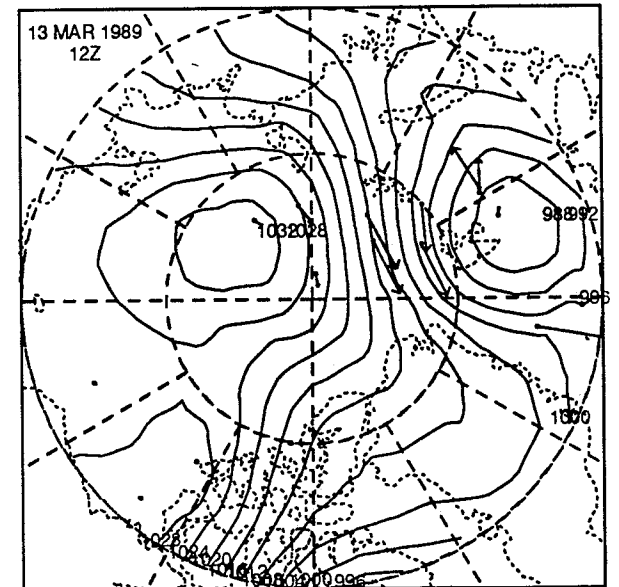
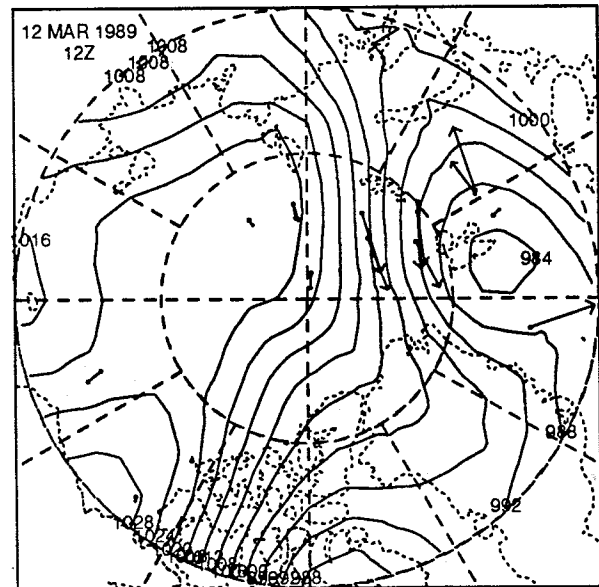
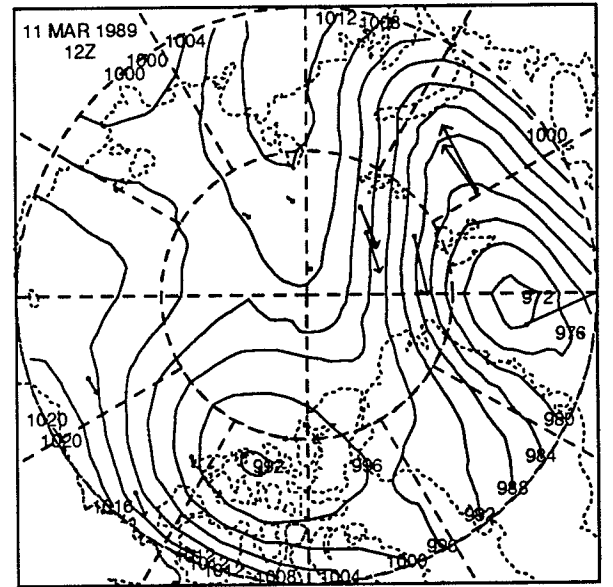
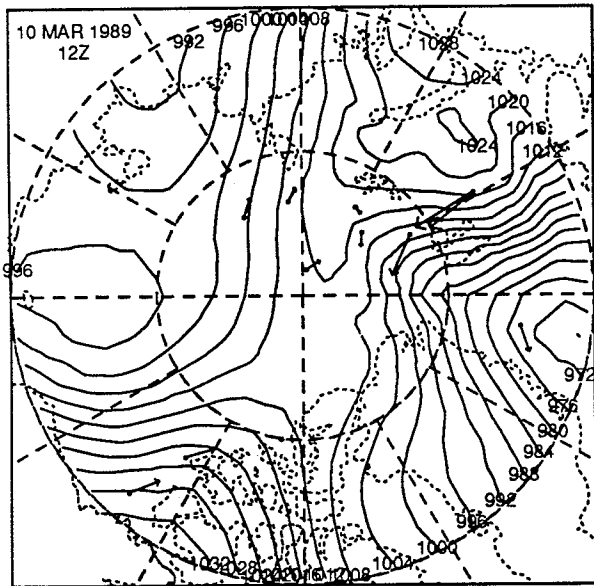
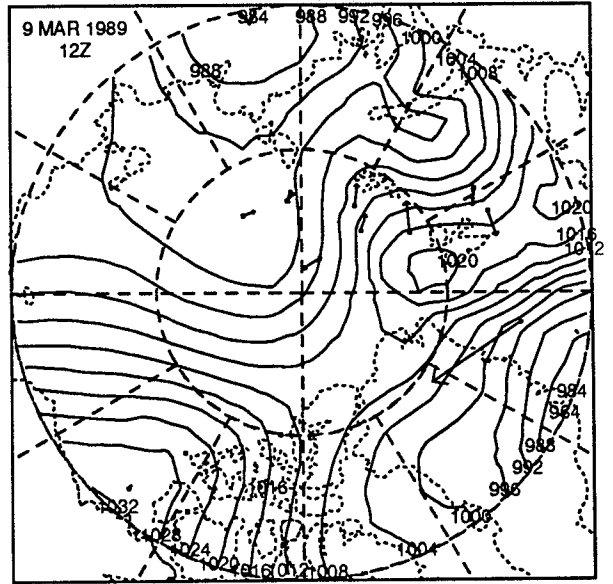
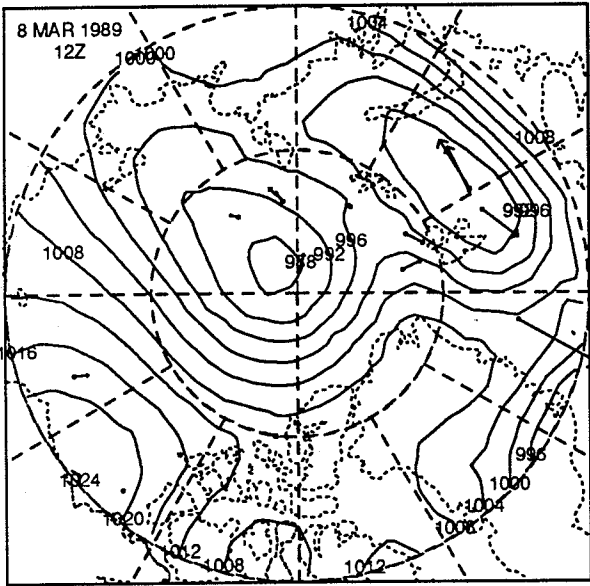




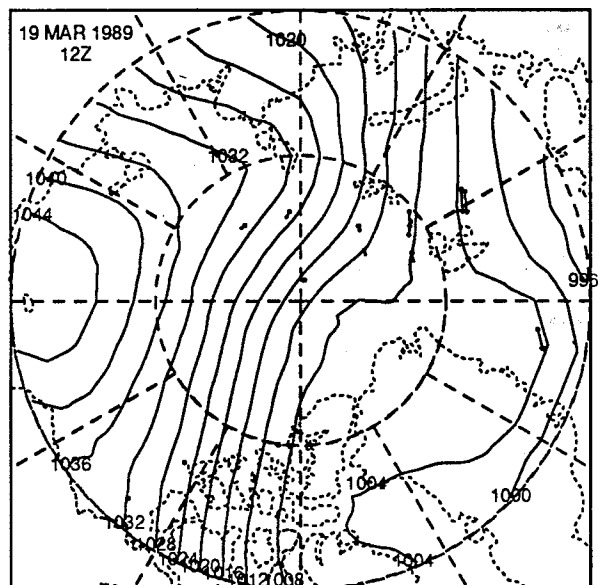
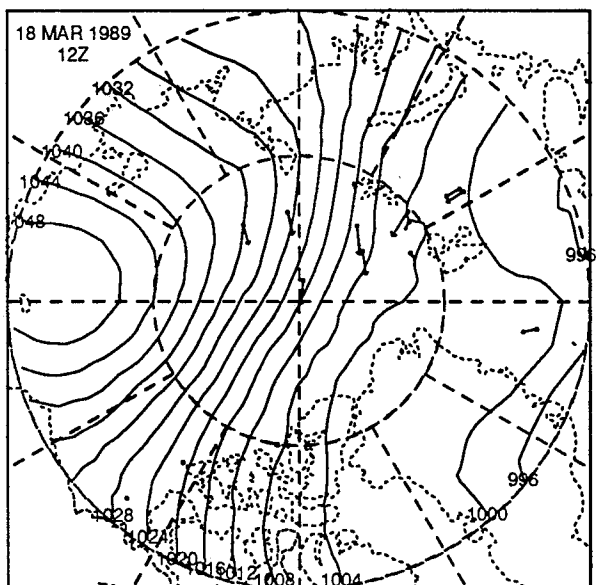
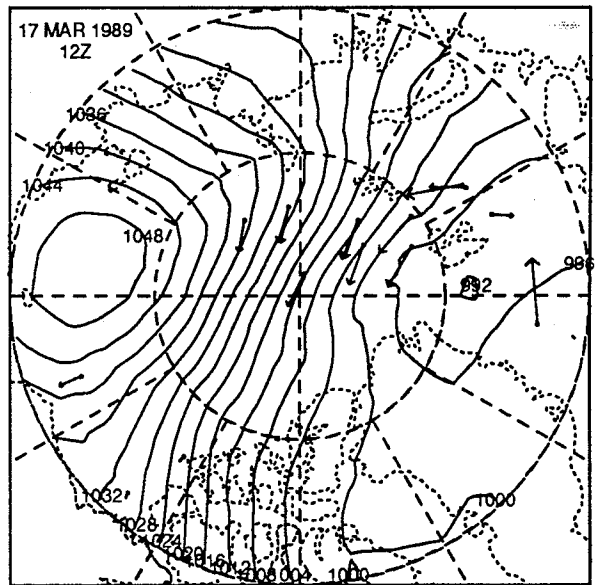
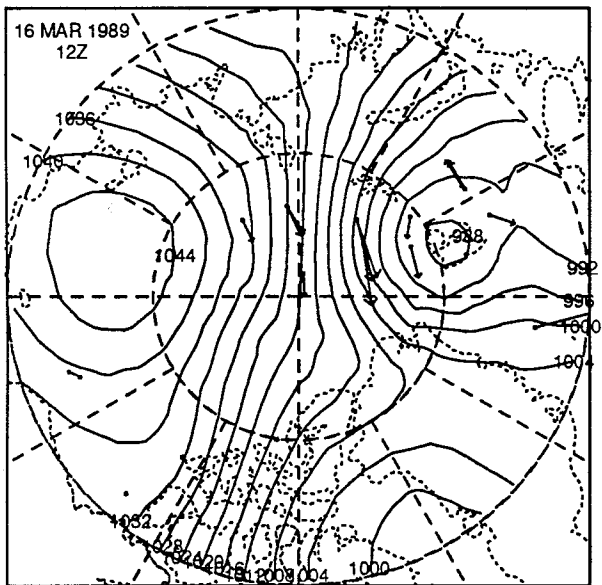
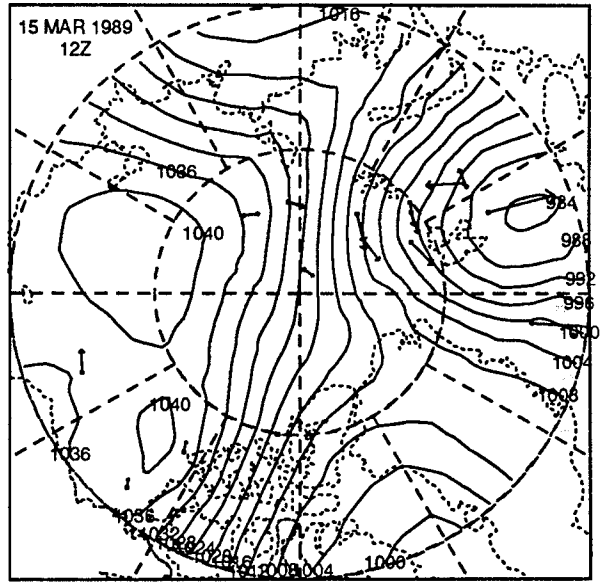
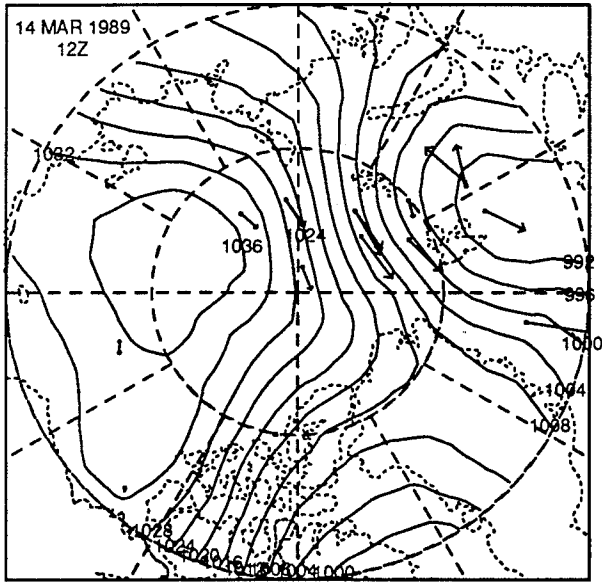
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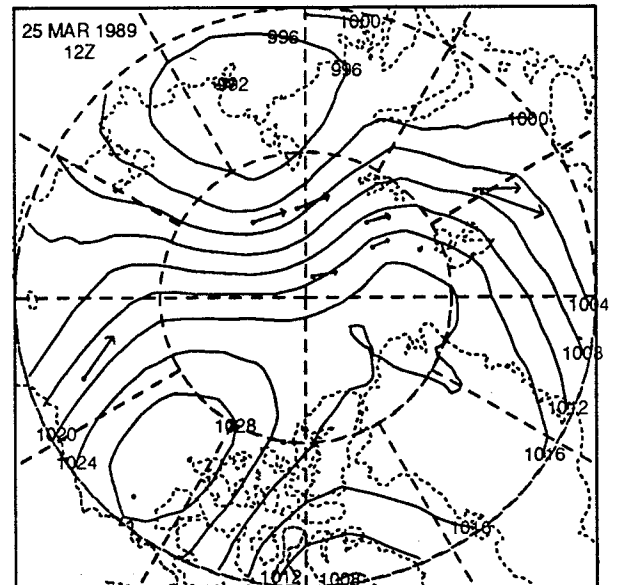
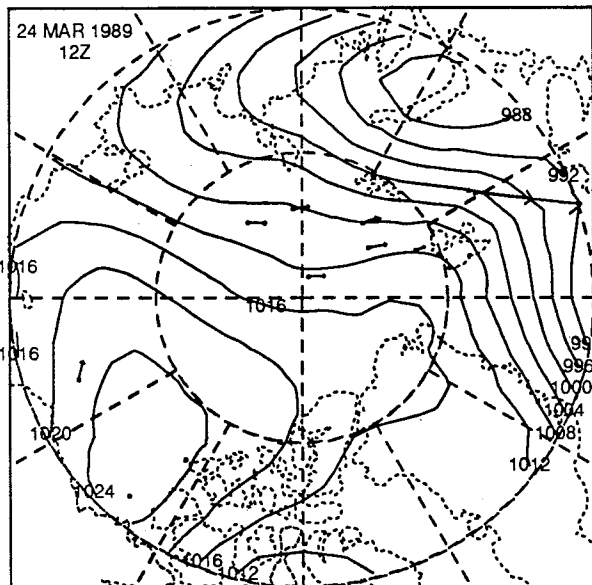
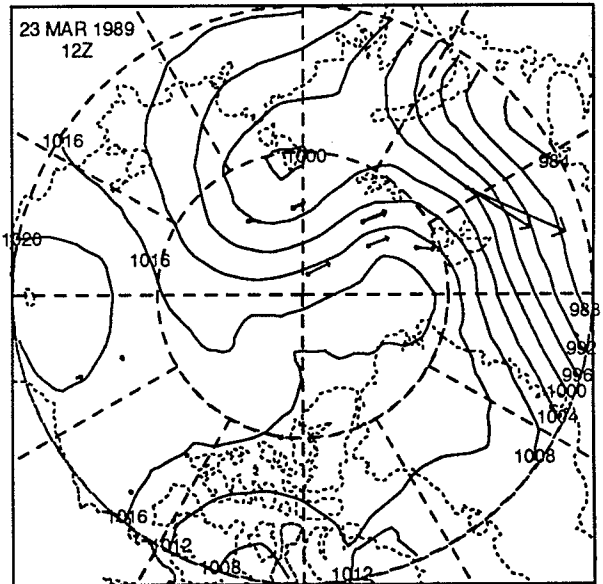
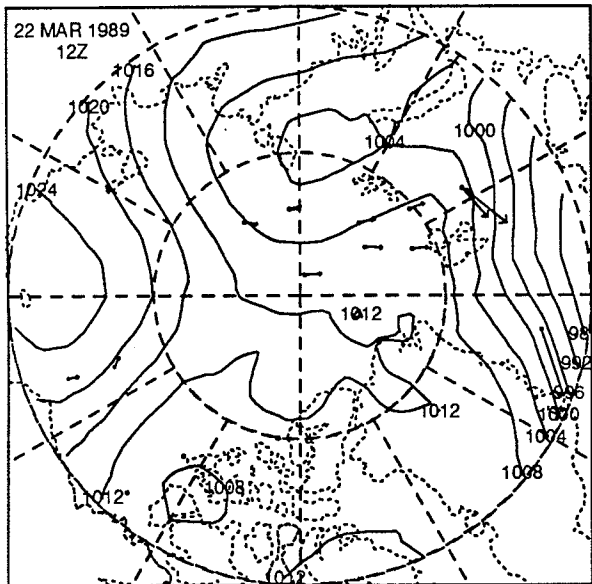
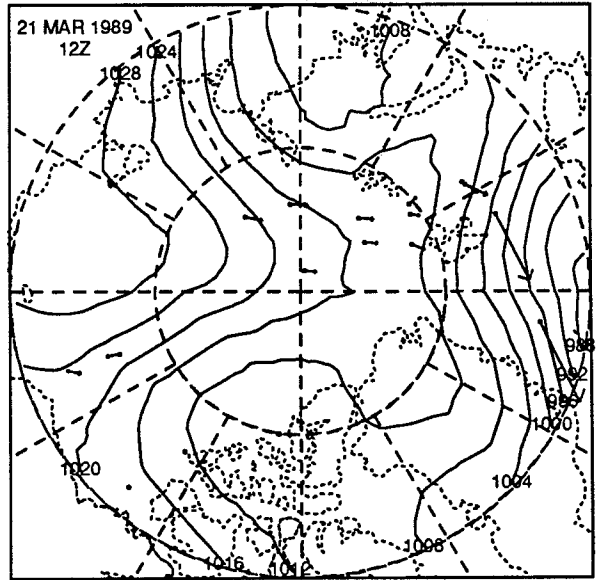
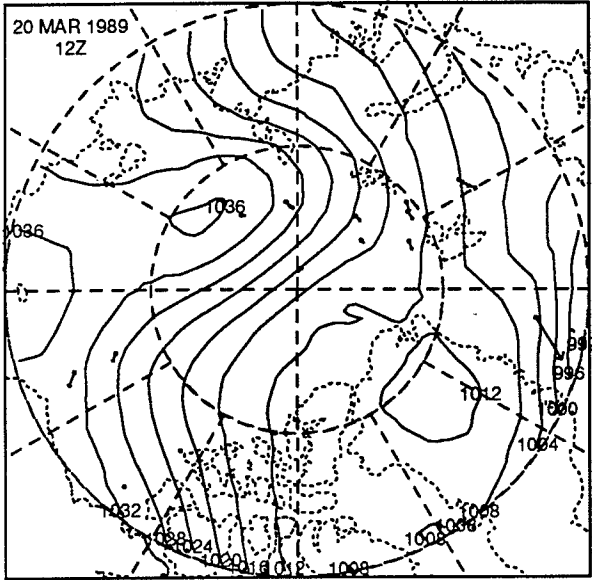
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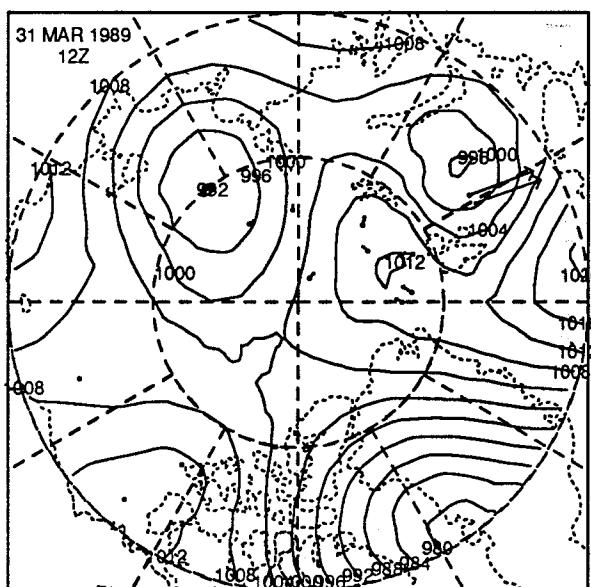
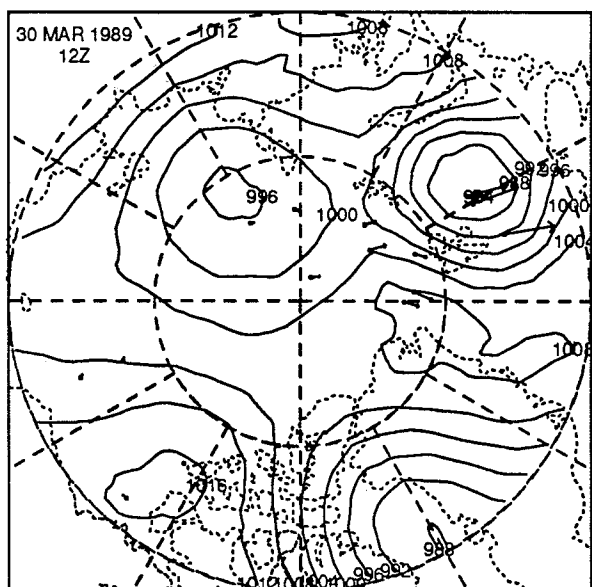
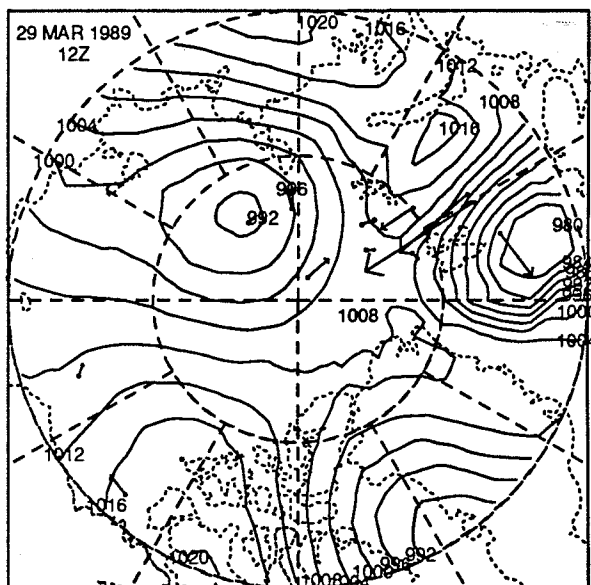
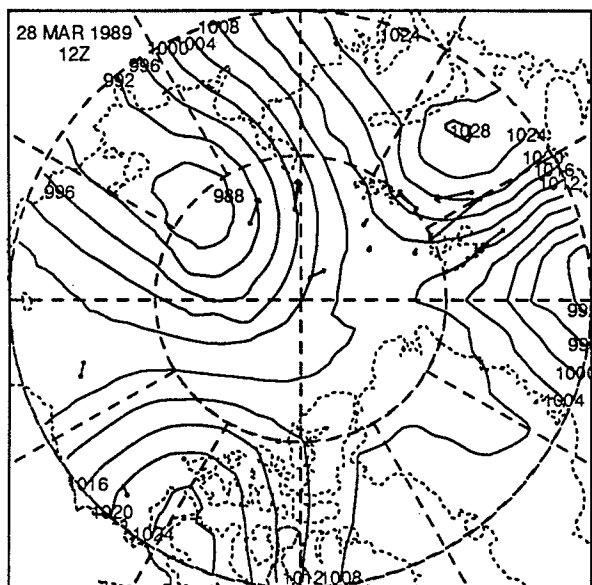
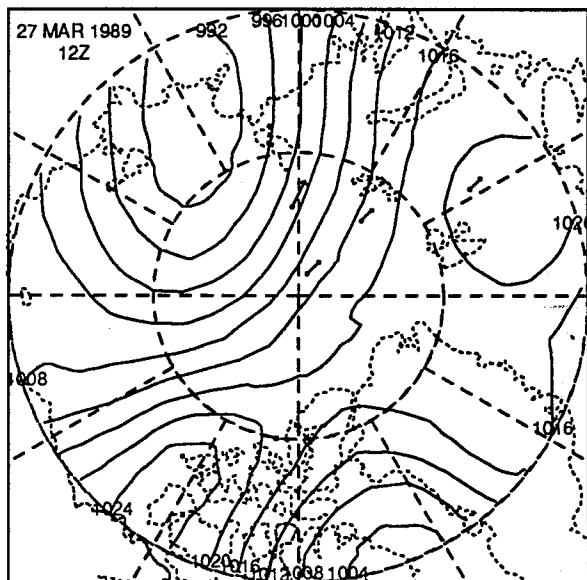
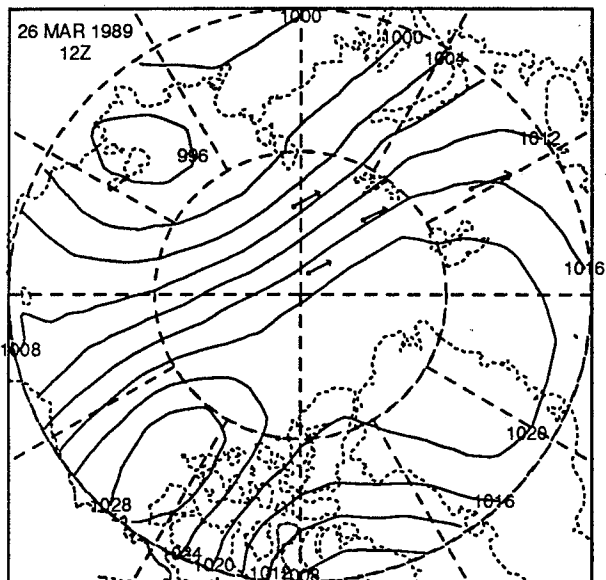


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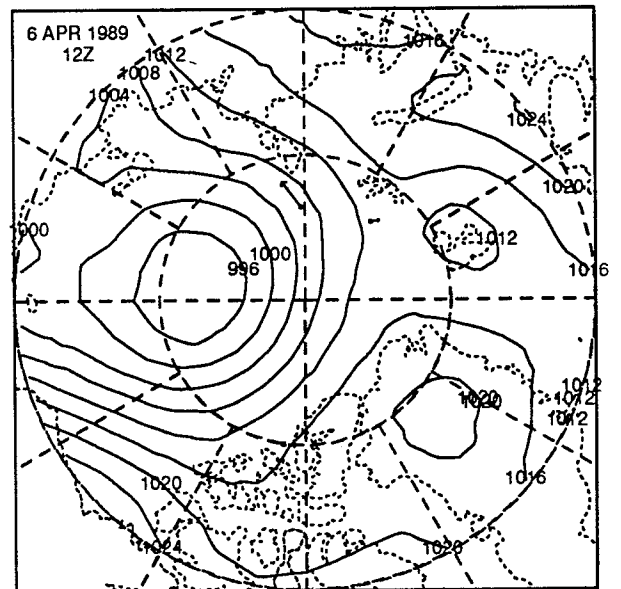
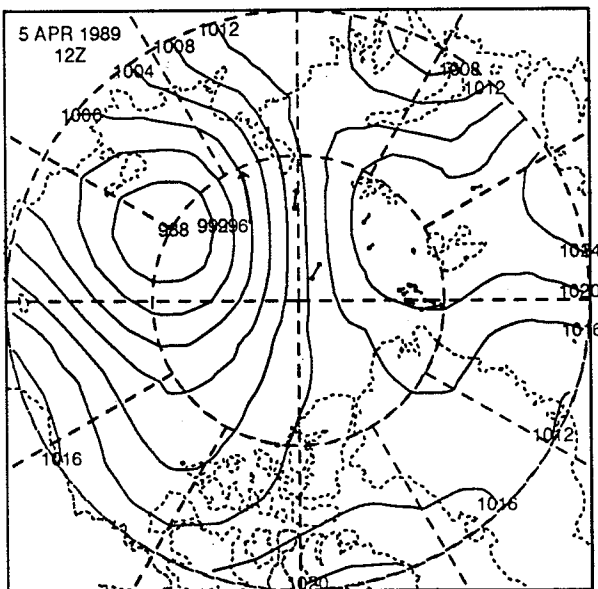
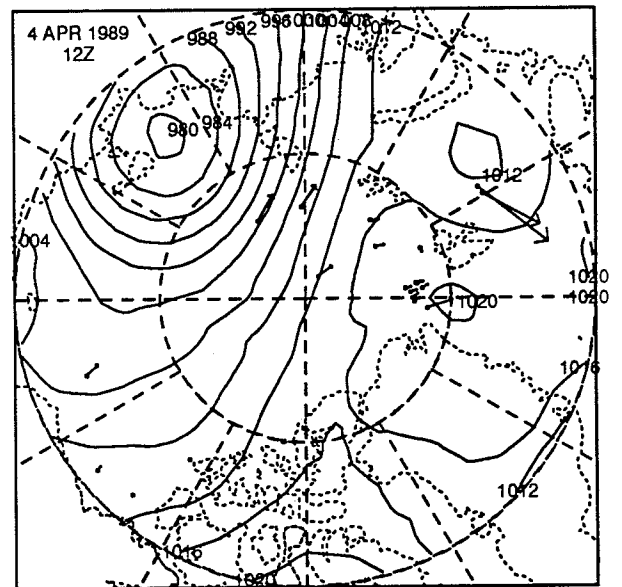
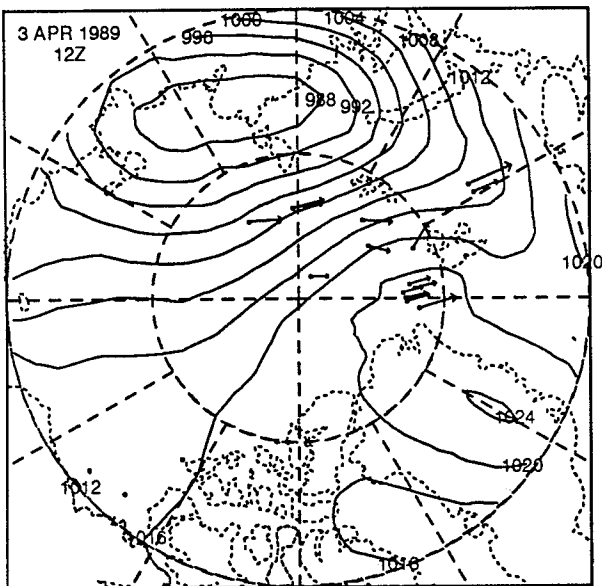
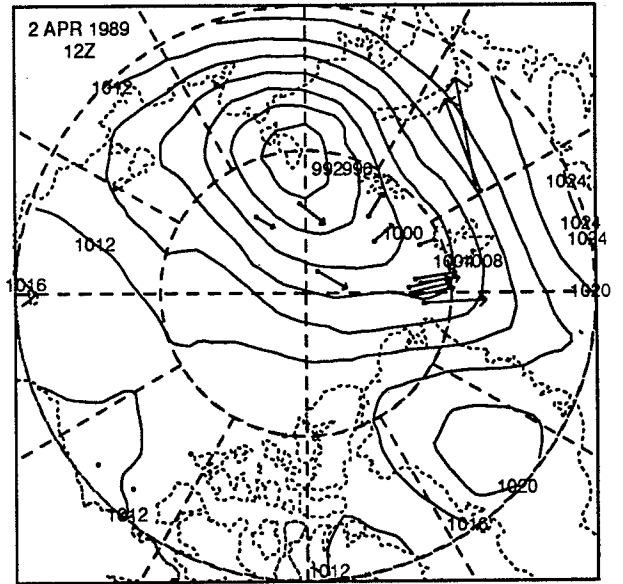
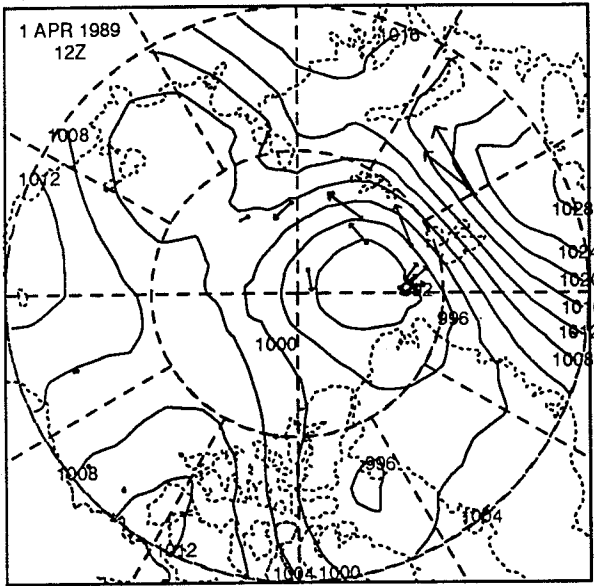


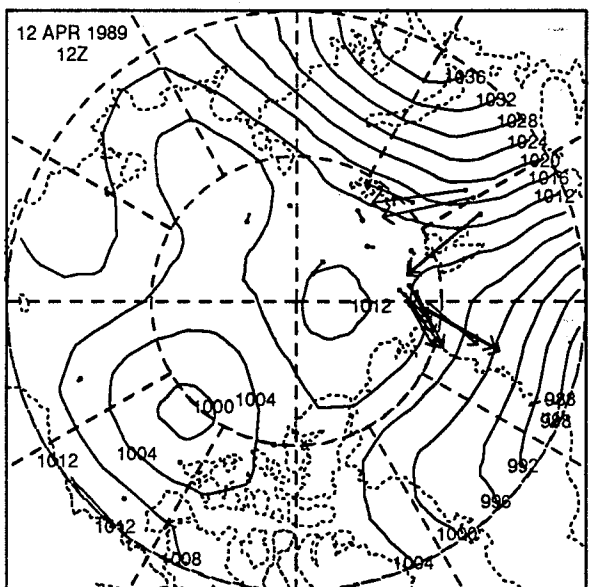
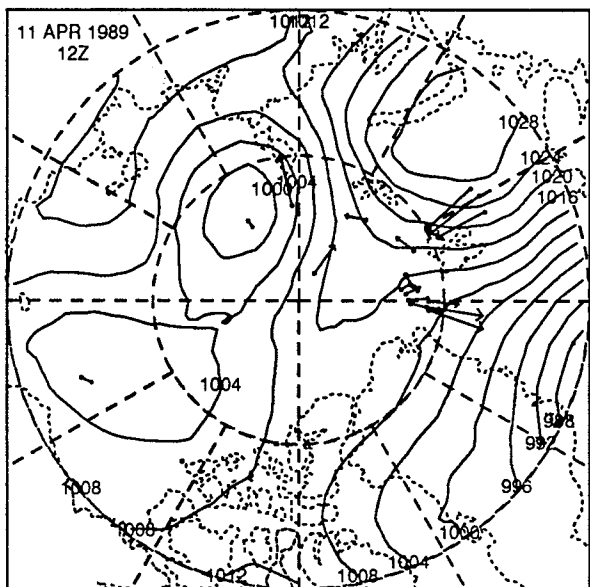
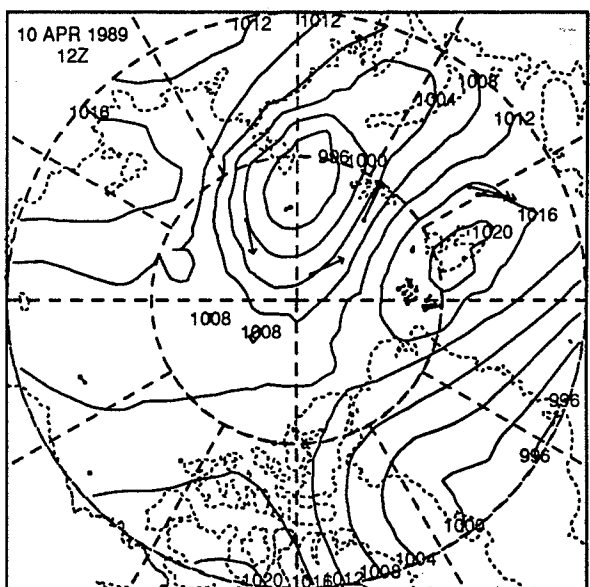
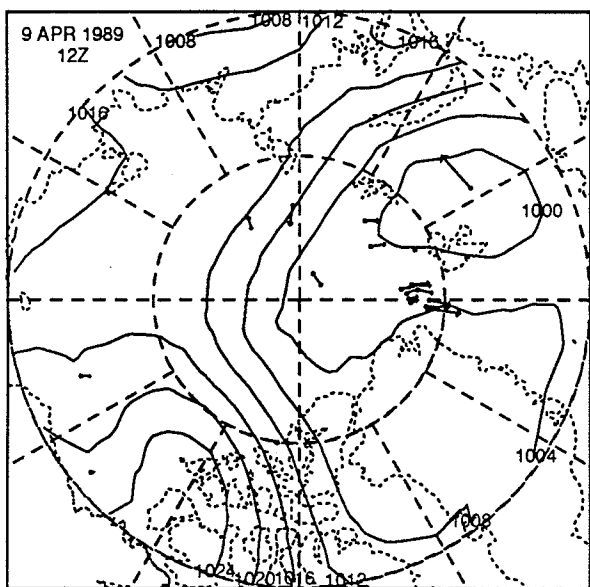
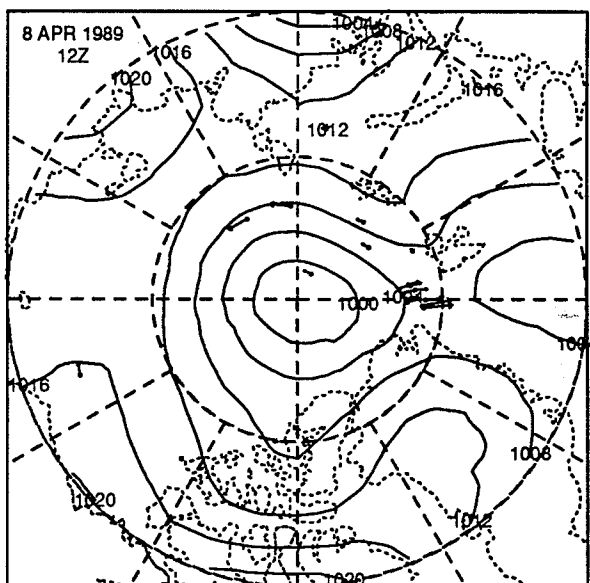
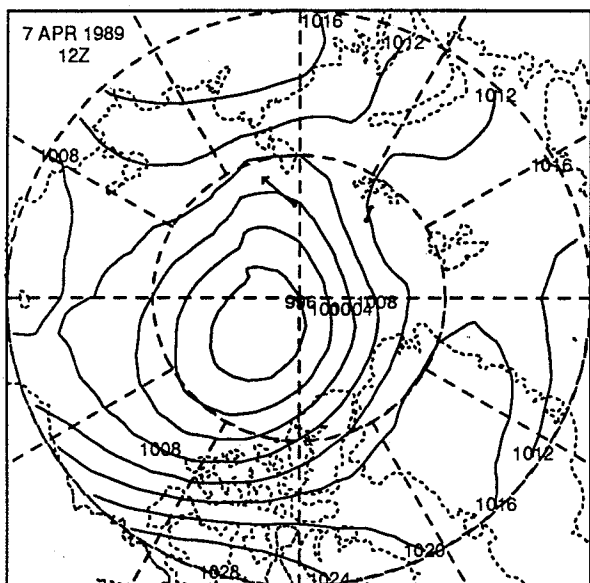
20 MAR 1989 - 25 MAR 1989

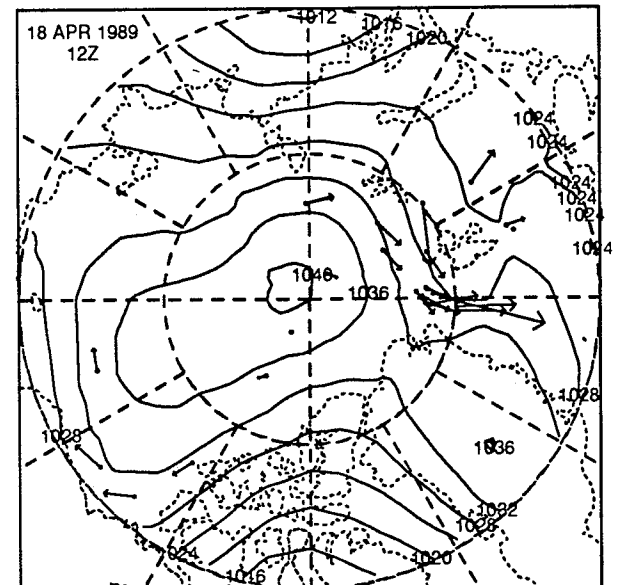
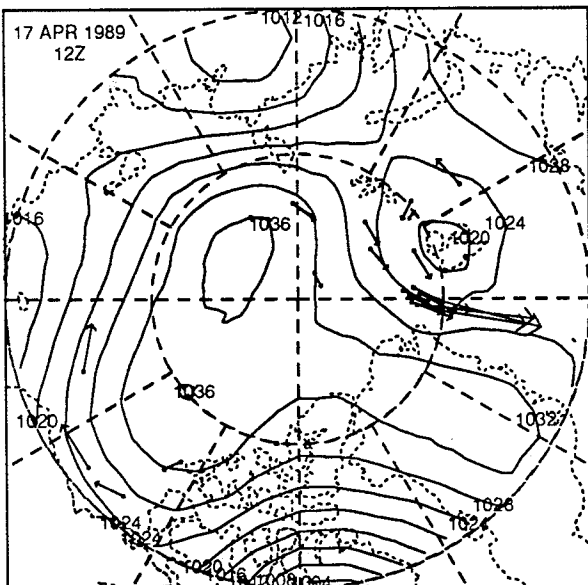
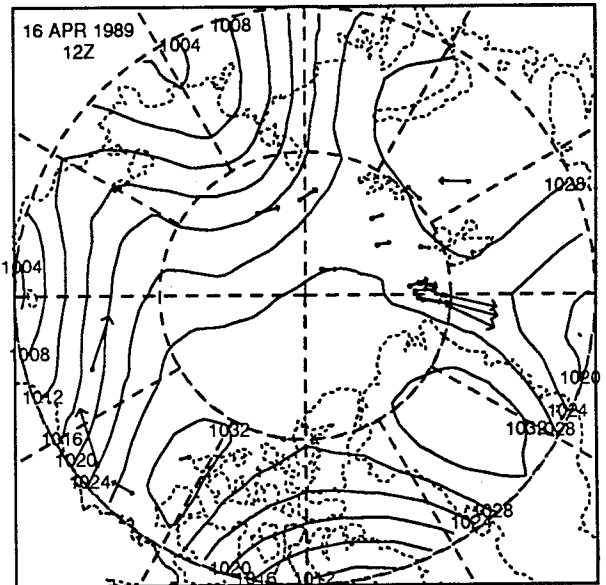
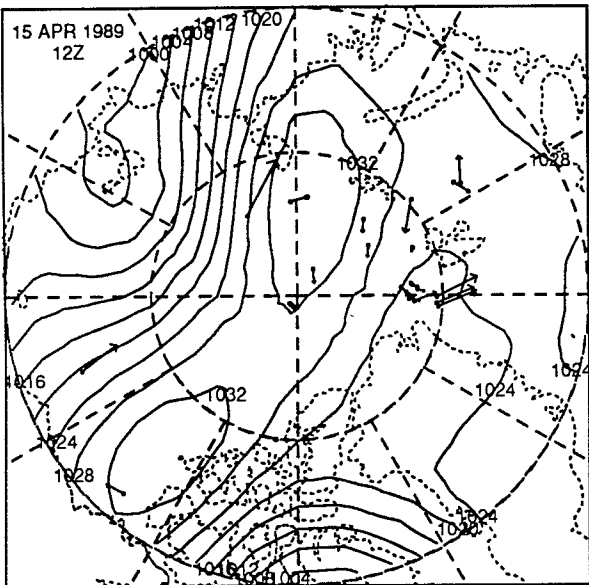
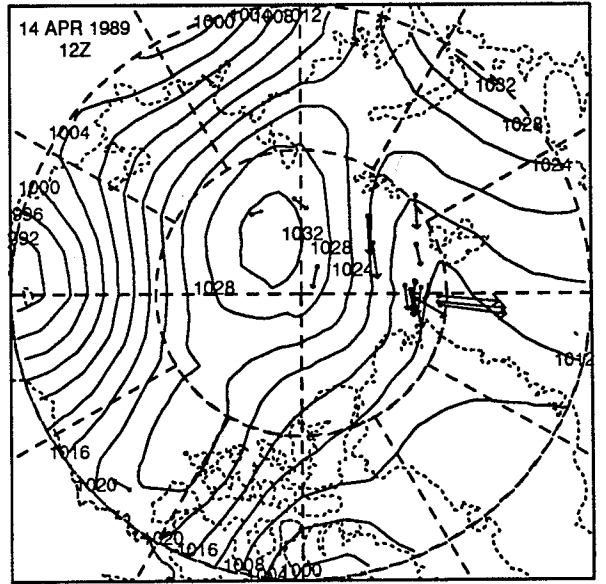
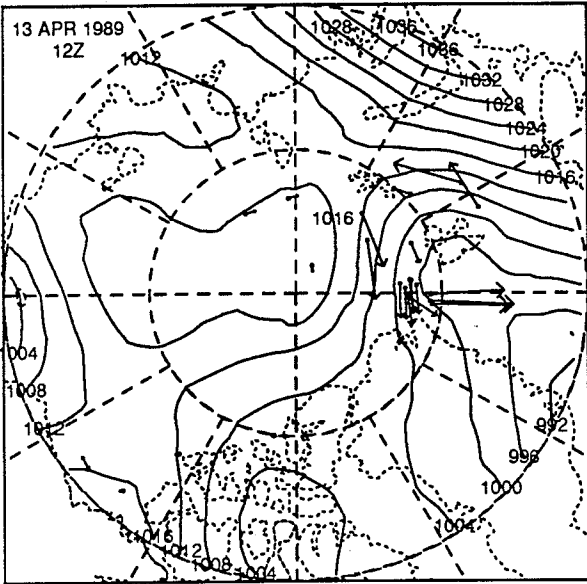


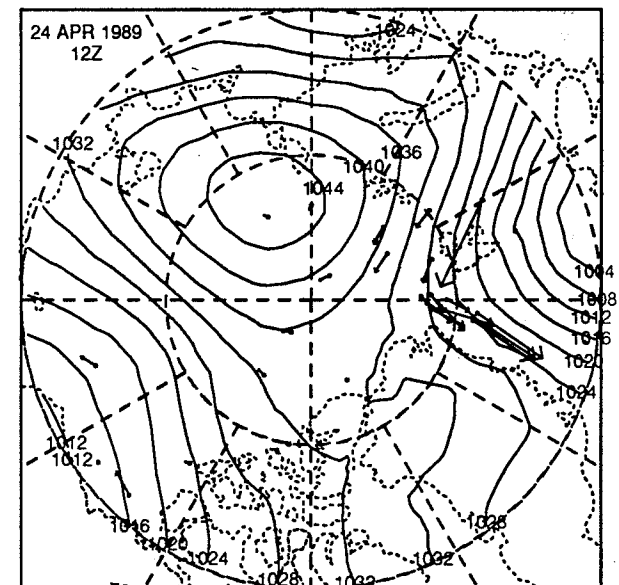
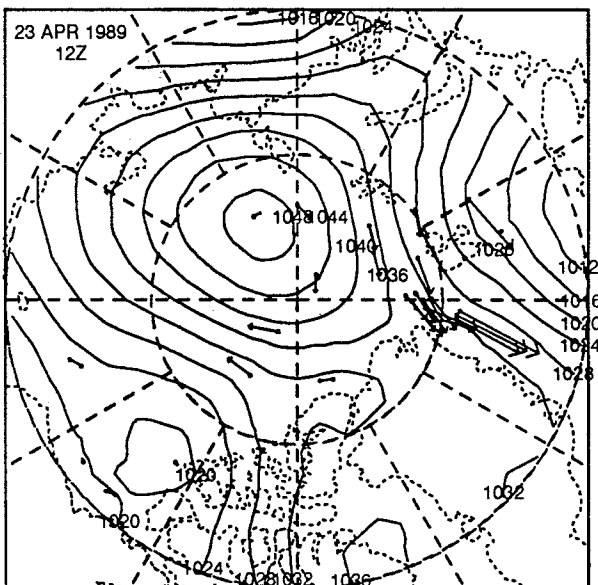
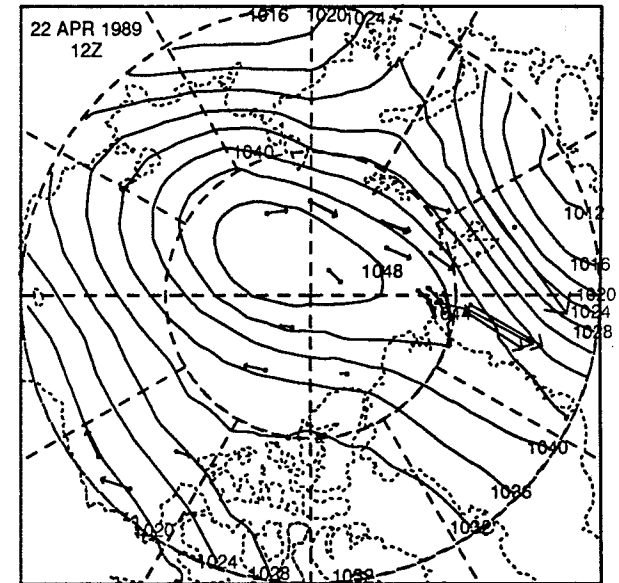
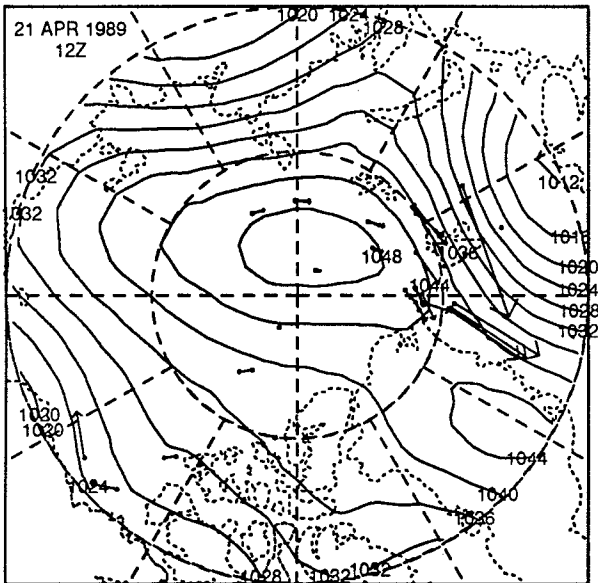
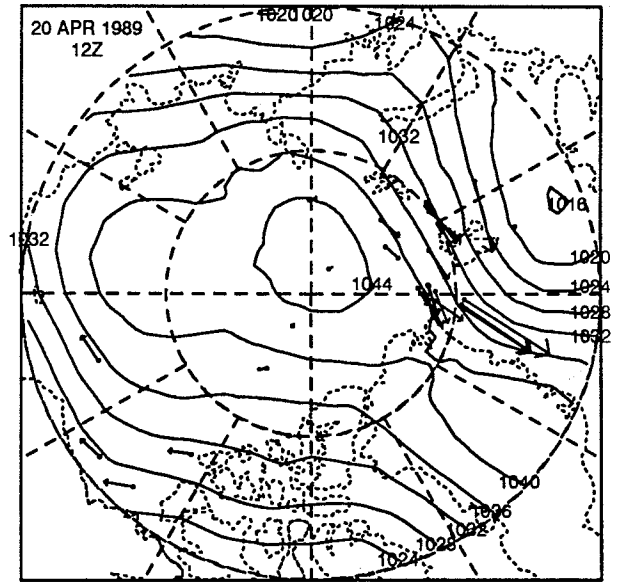
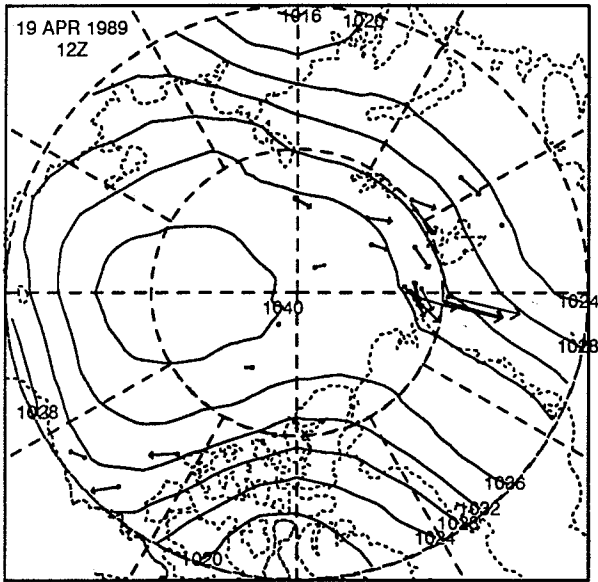


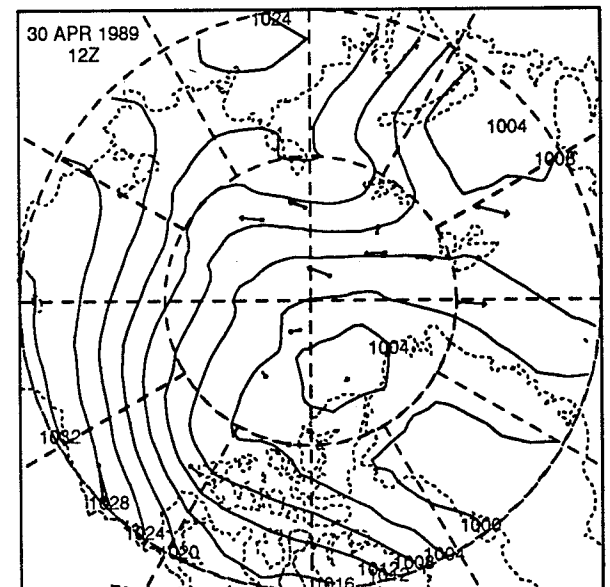
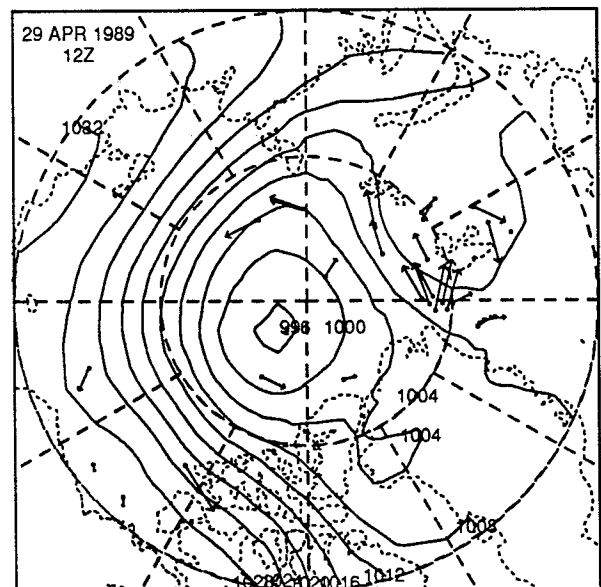
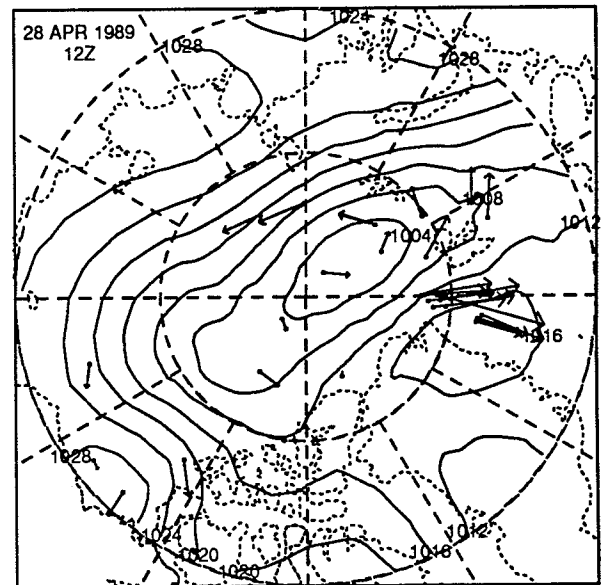
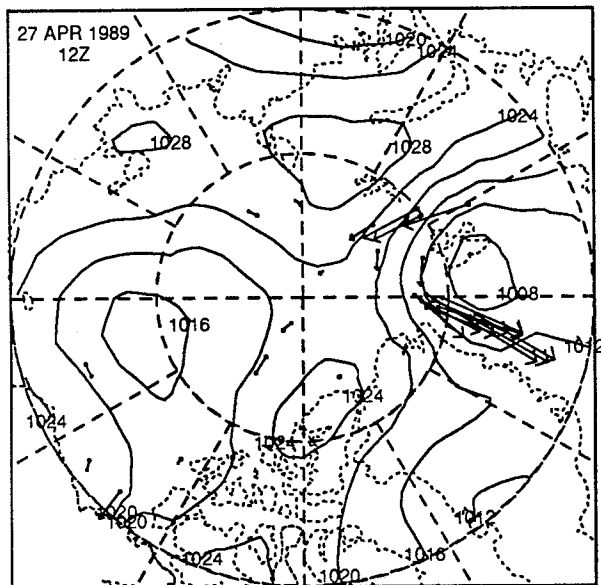
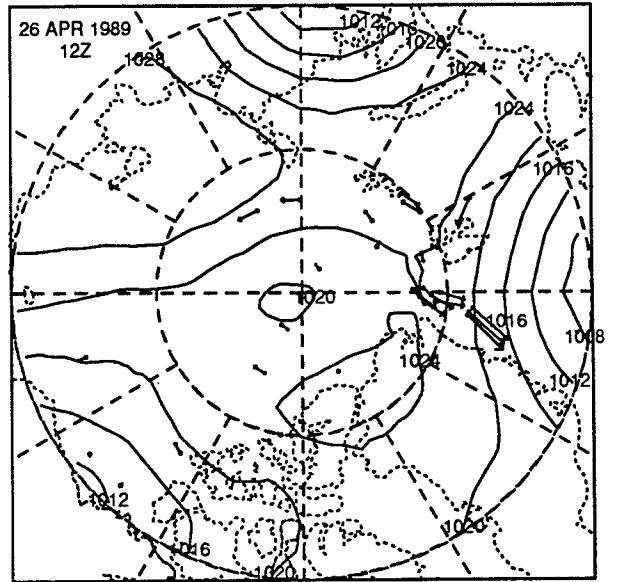
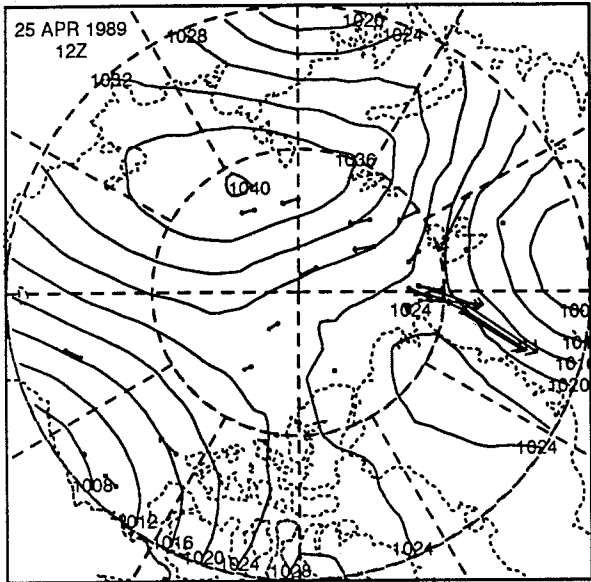
1 APR 1989 - 6 APR 1989



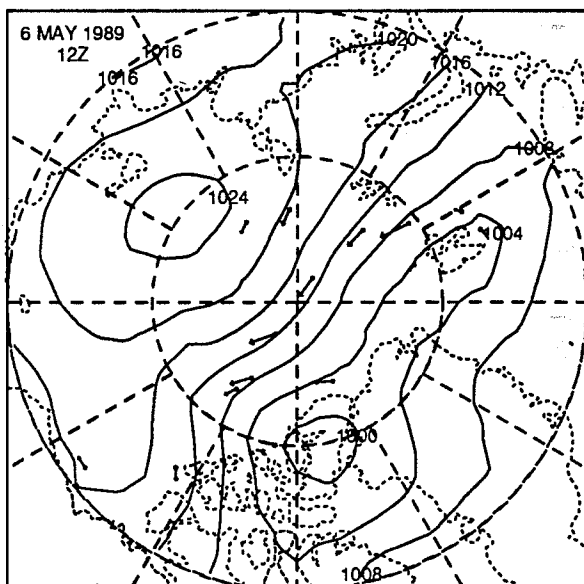
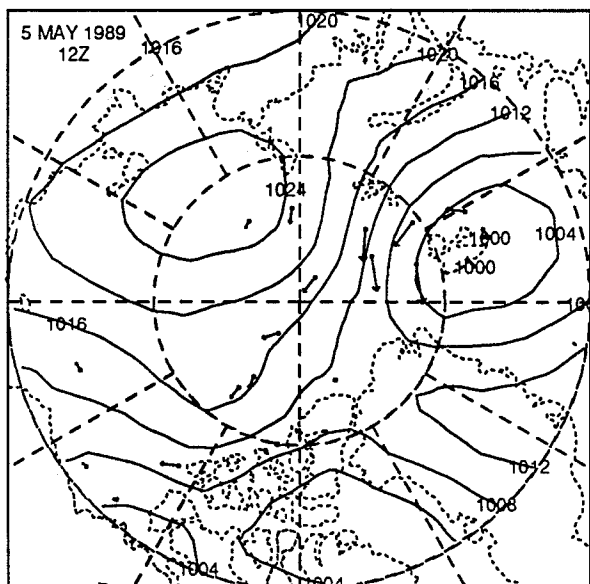
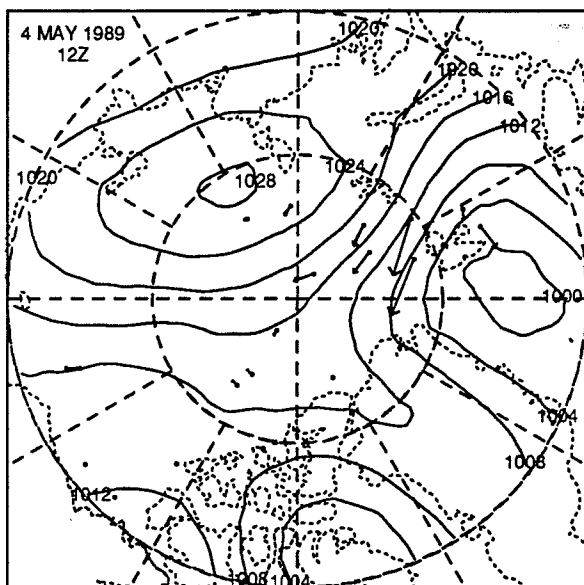
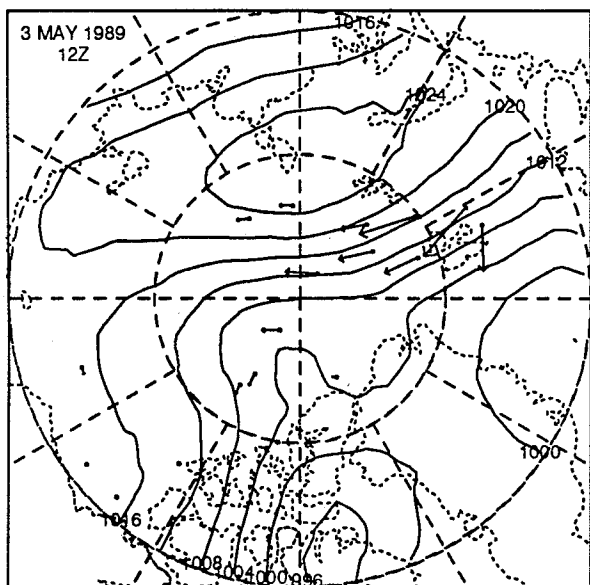
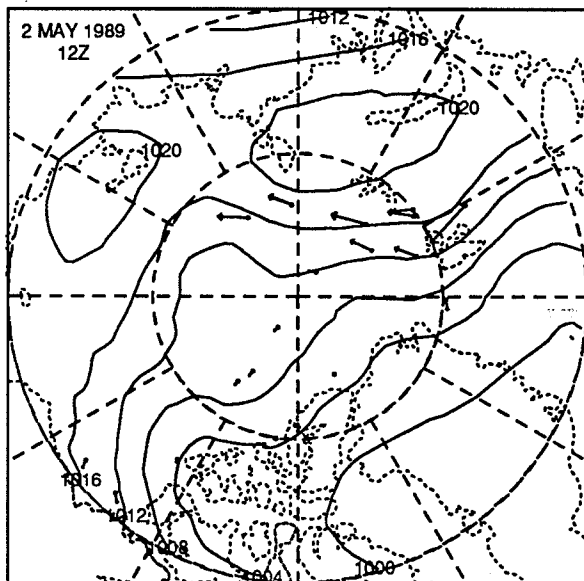
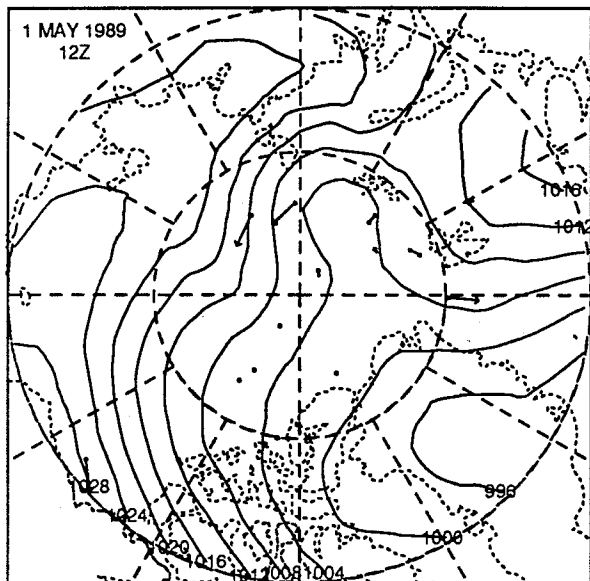




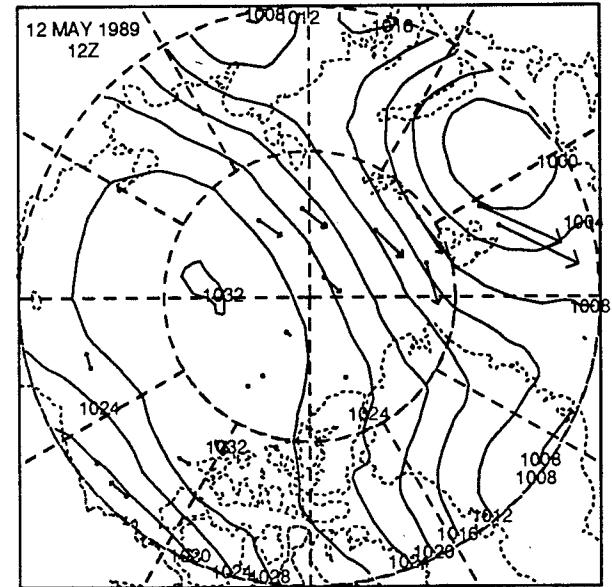
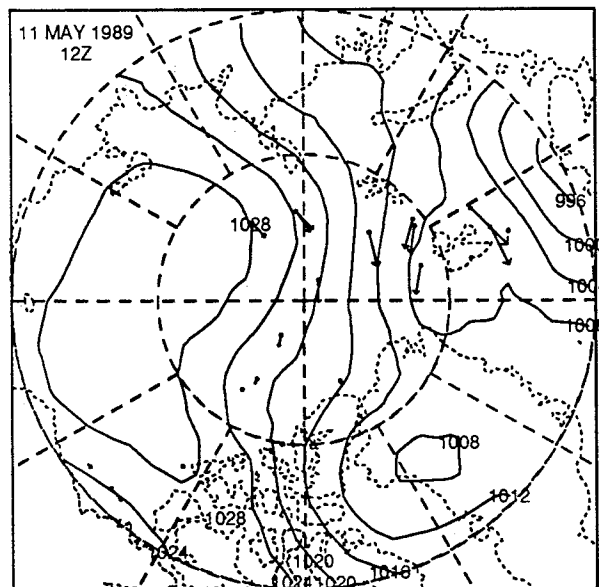
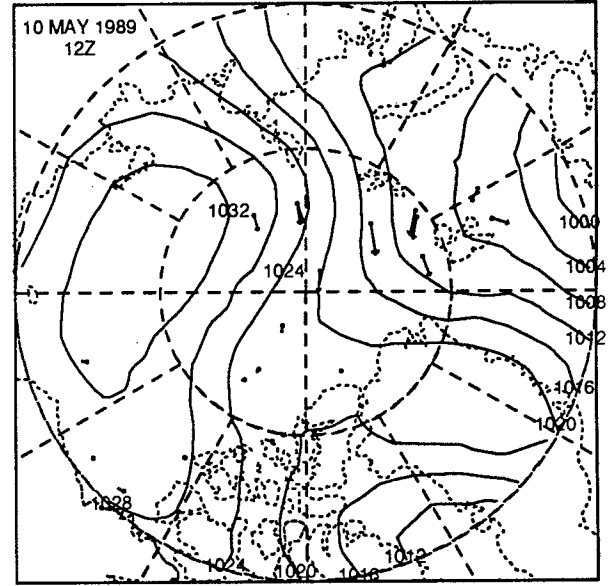
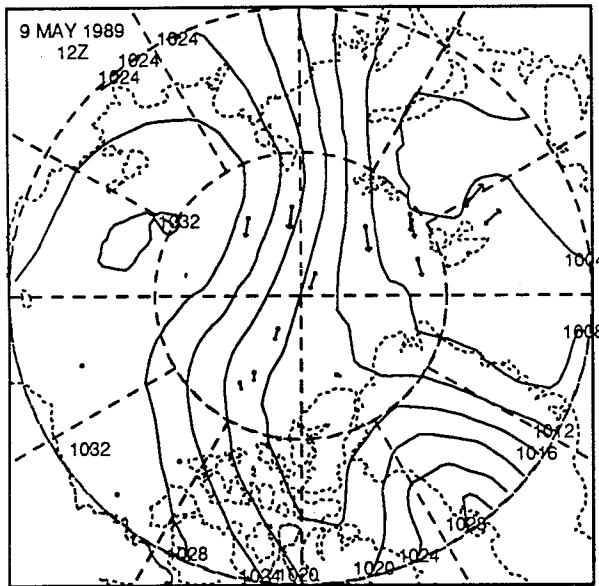
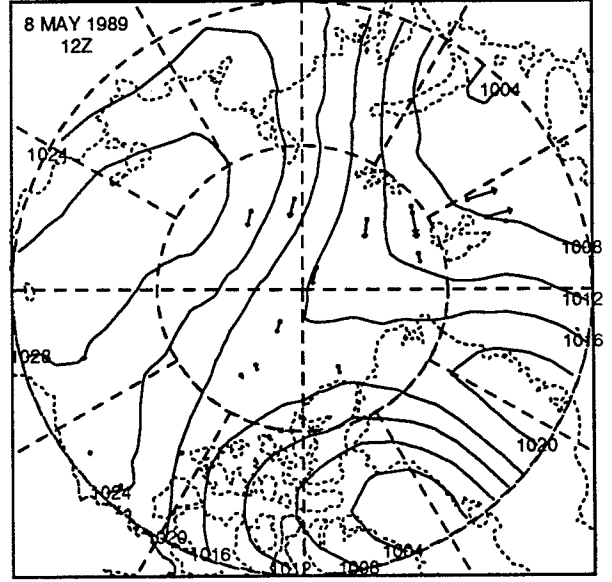
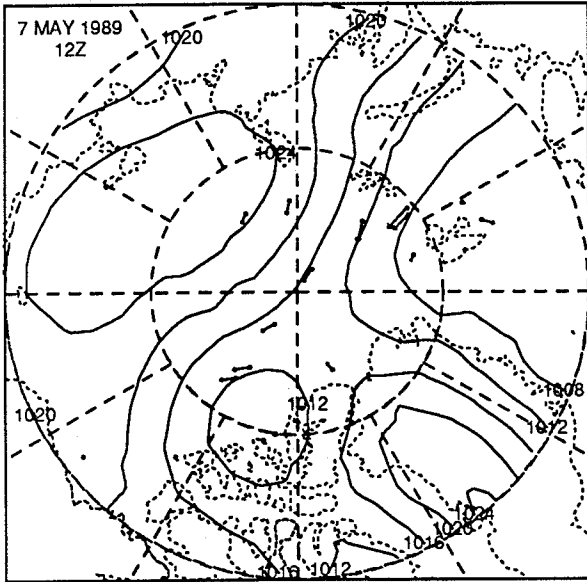




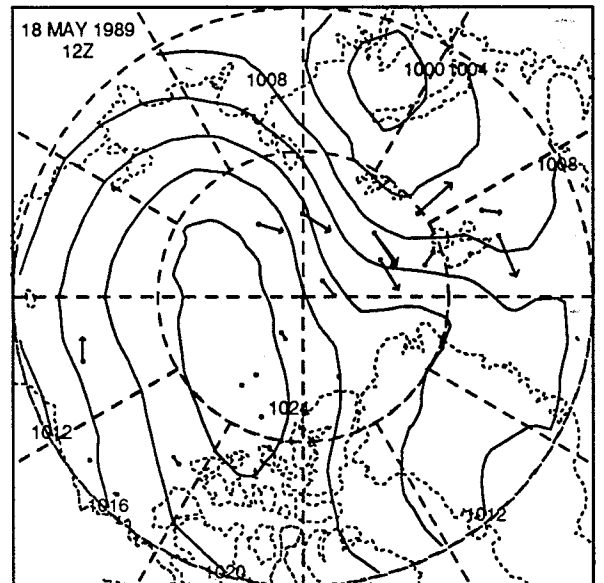
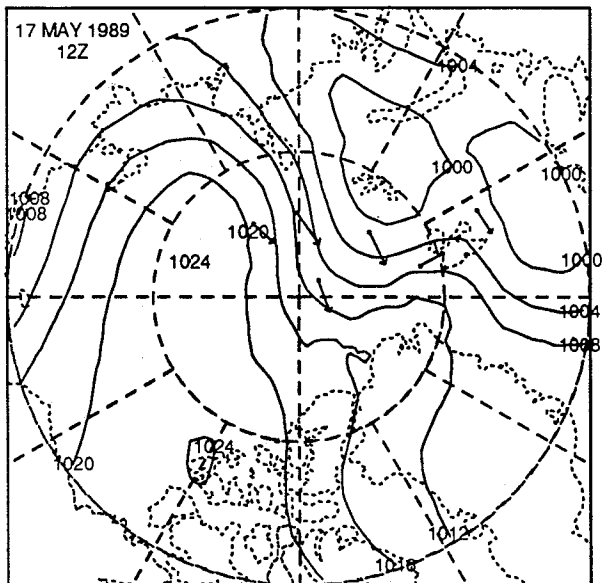
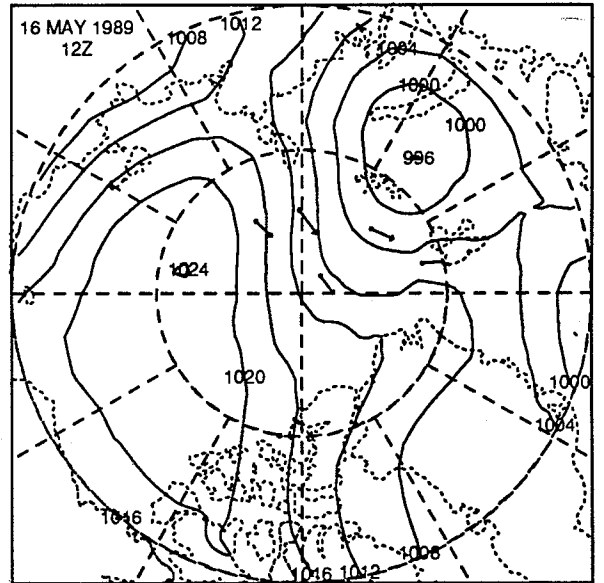
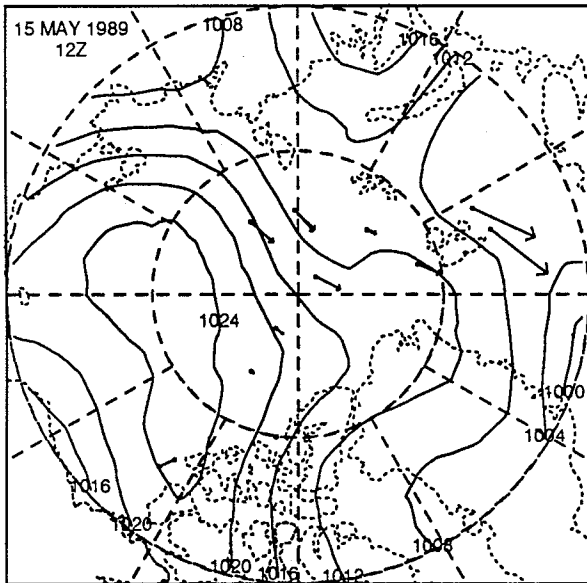
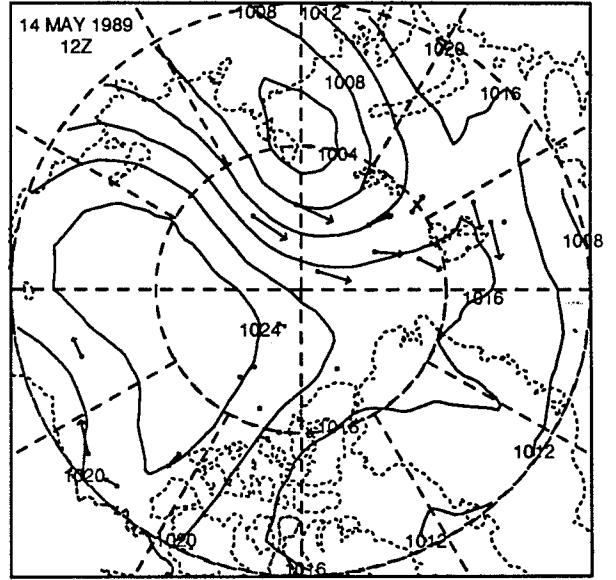
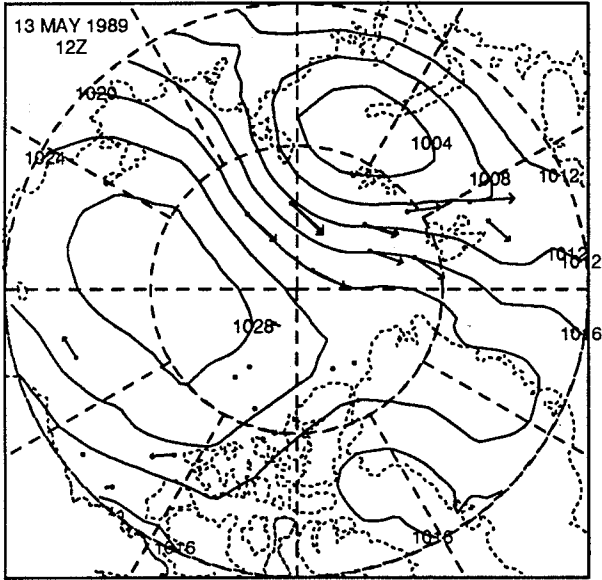
1 MAY 1989 - 6 MAY 1989



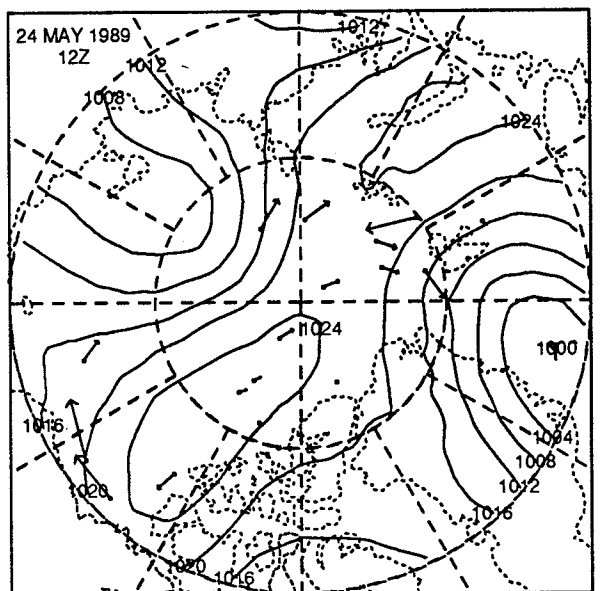
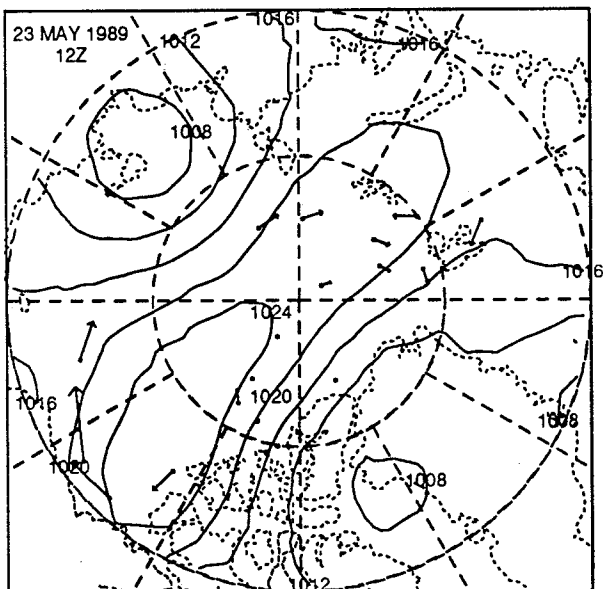
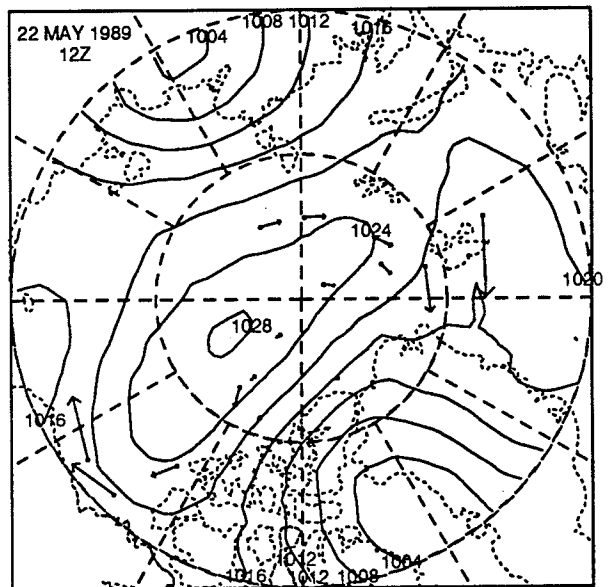
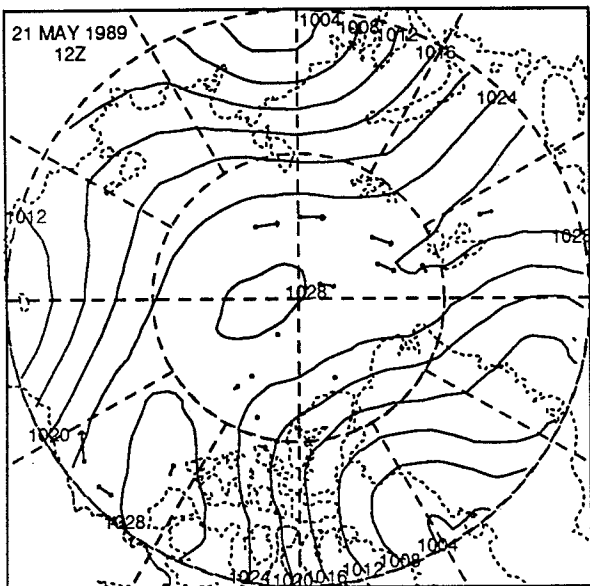
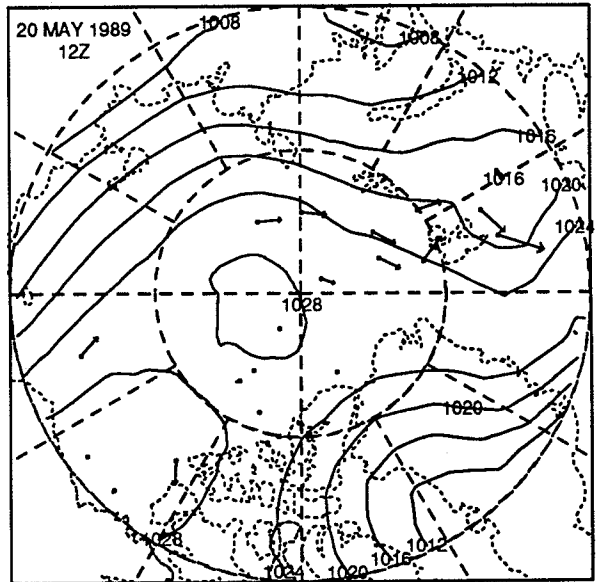
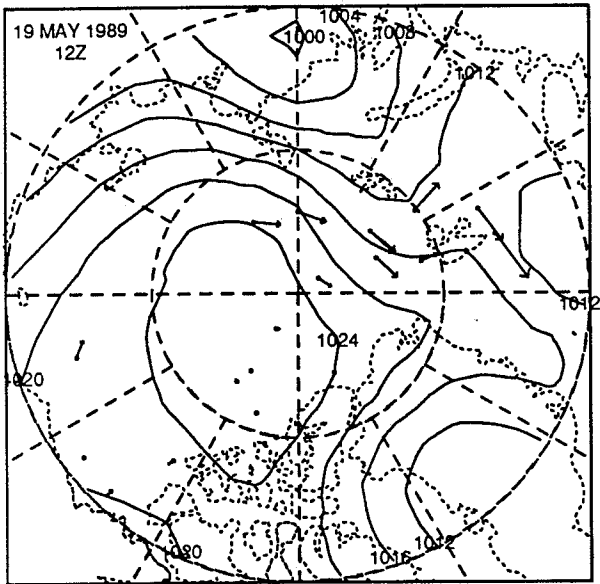
7 MAY 1989 - 12 MAY 1989

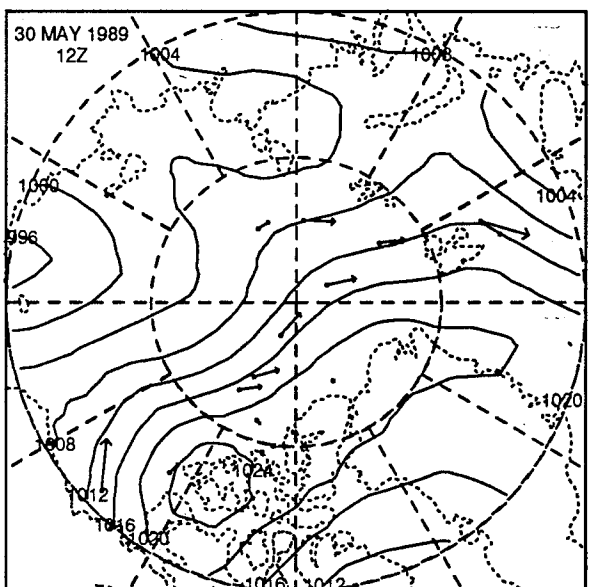
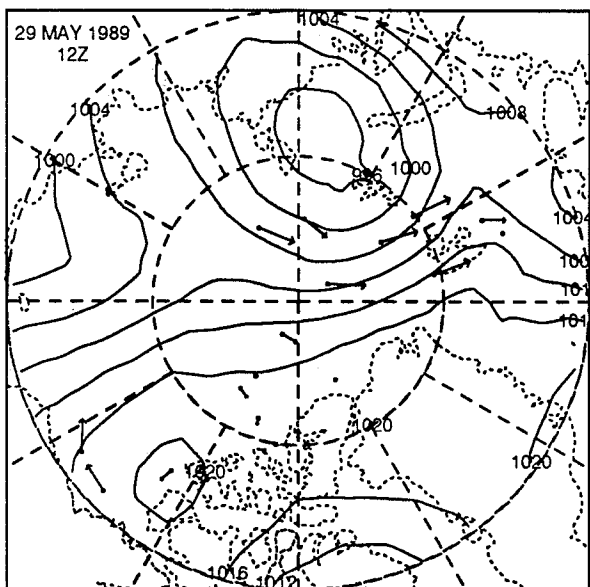
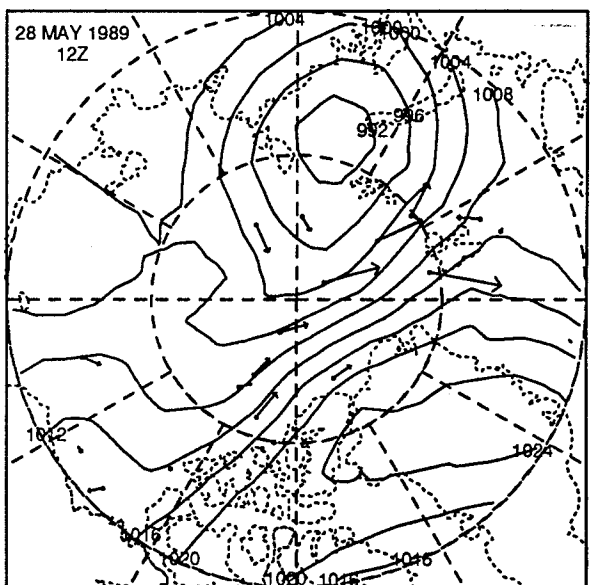
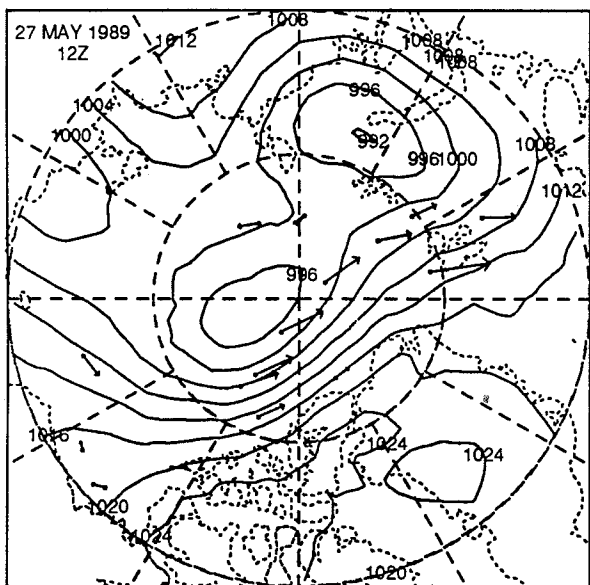
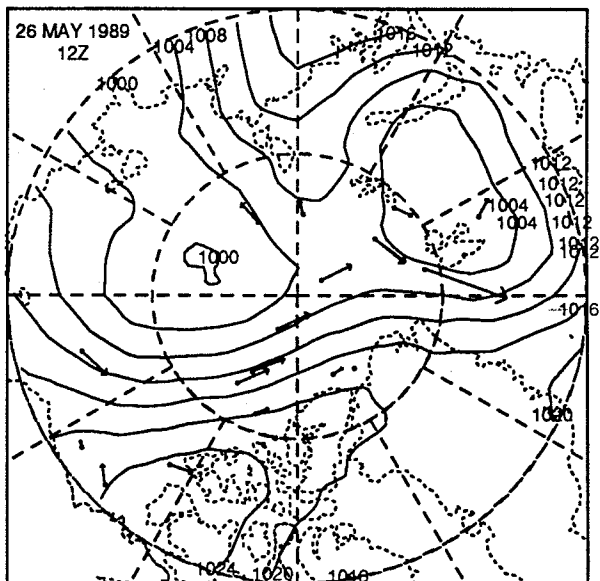
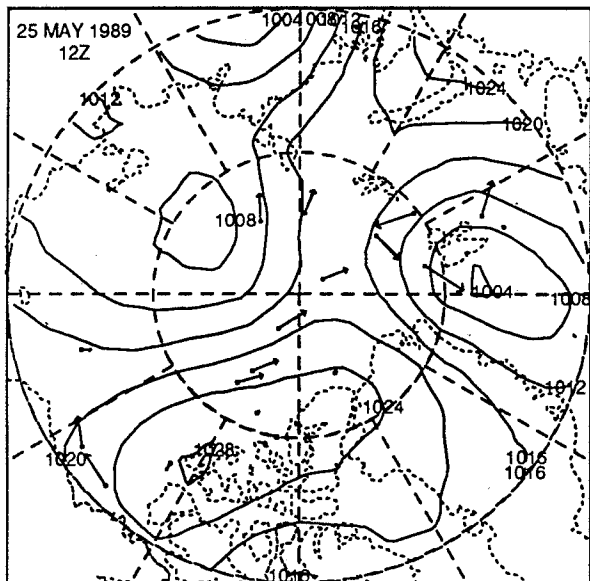


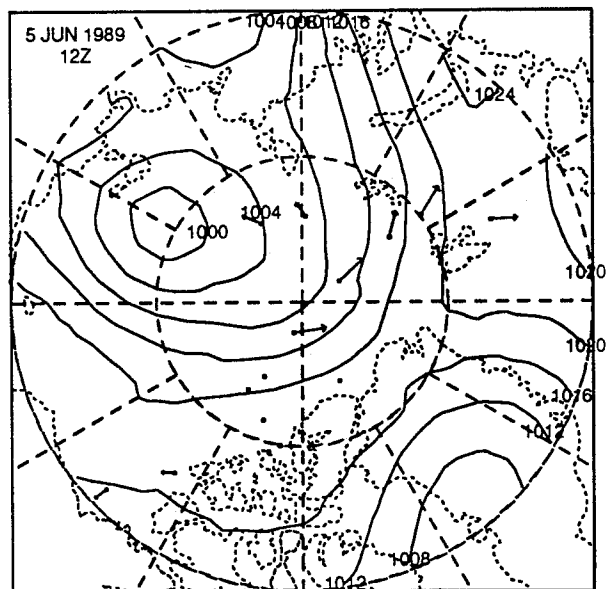
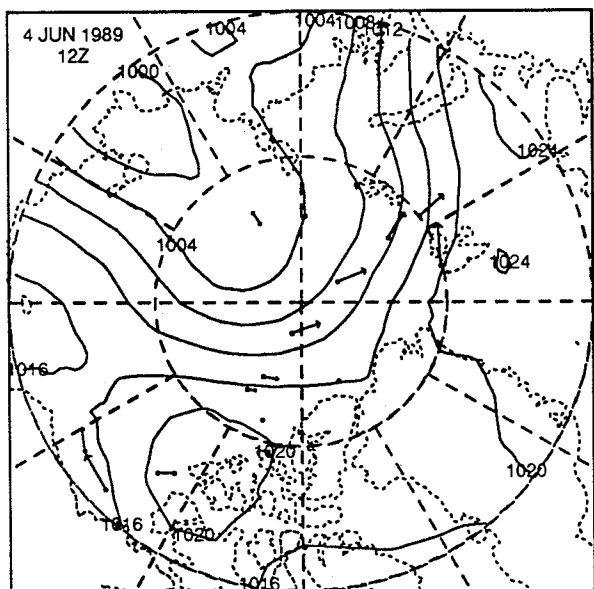
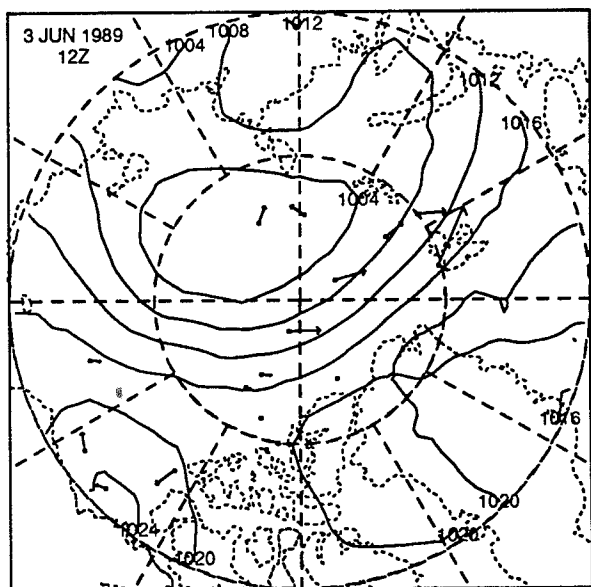
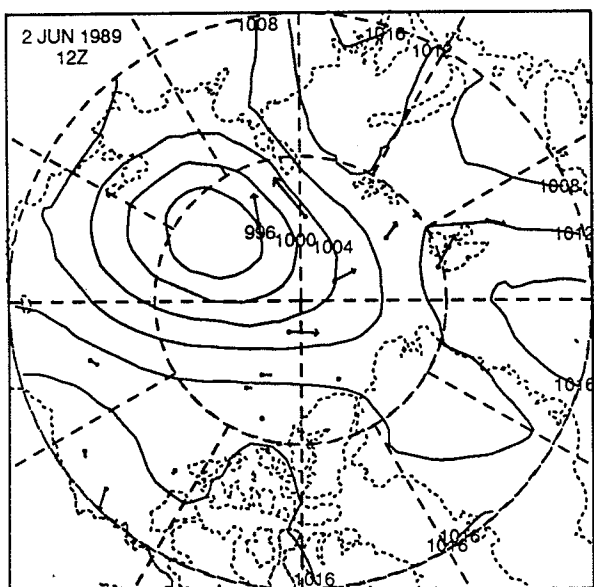
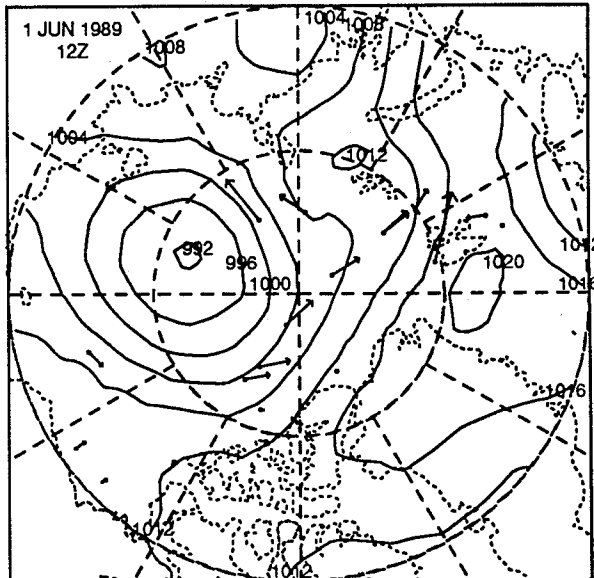
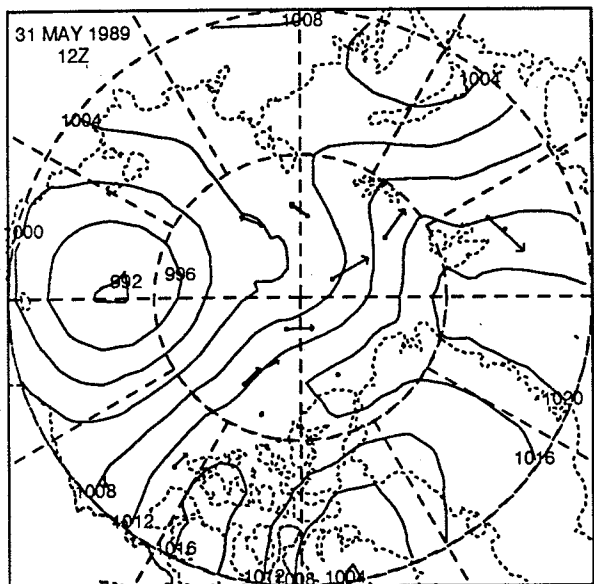
13 MAY 1989 - 18 MAY 1989

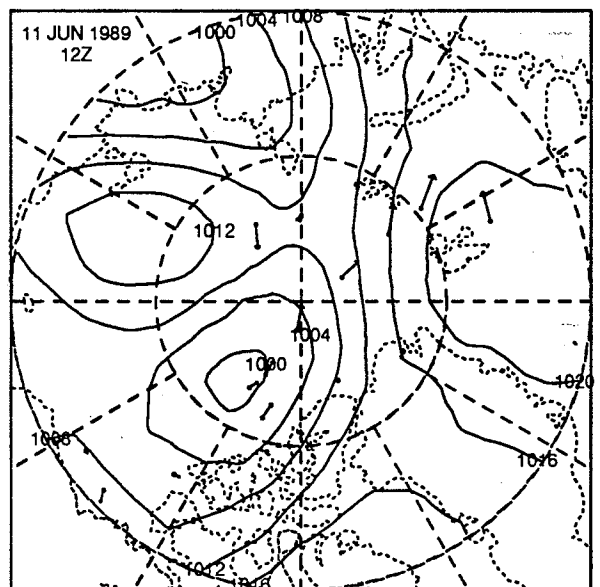
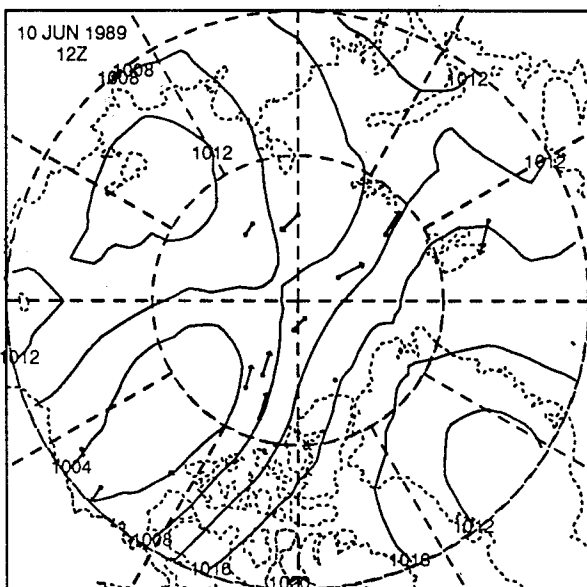
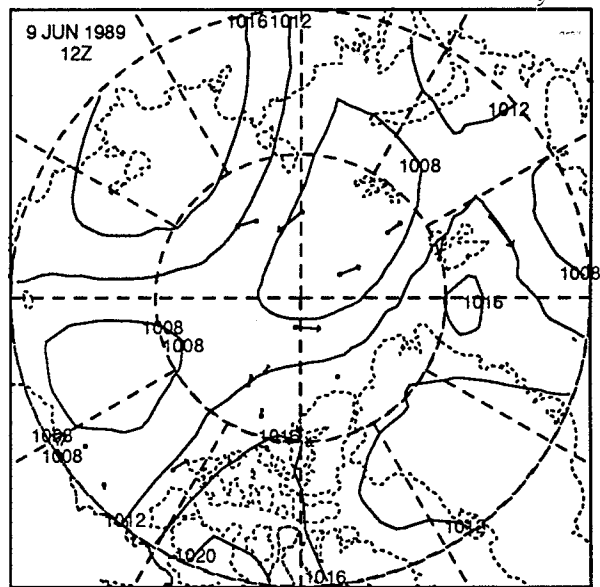
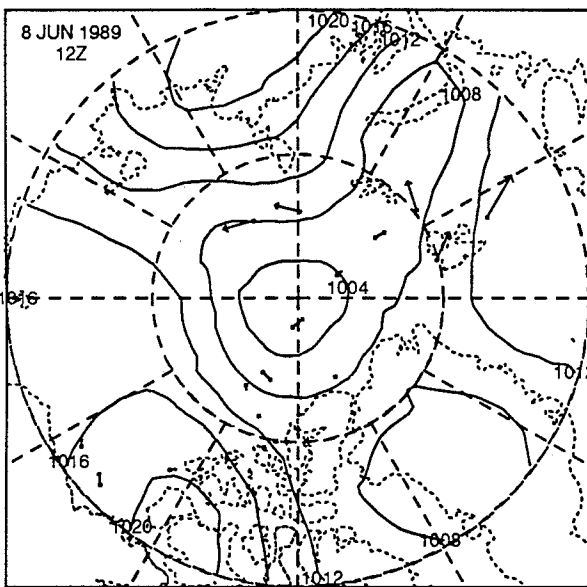
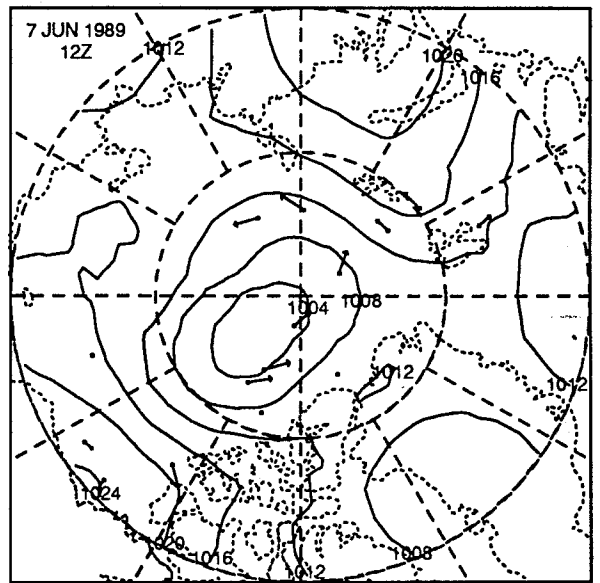
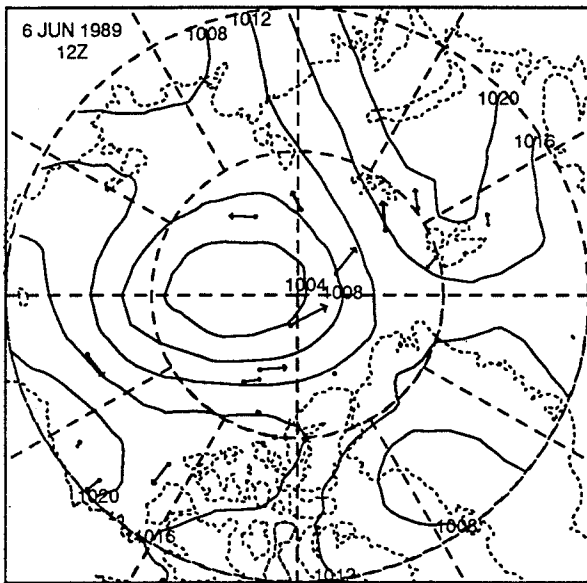


19 MAY 1989 - 24 MAY 1989

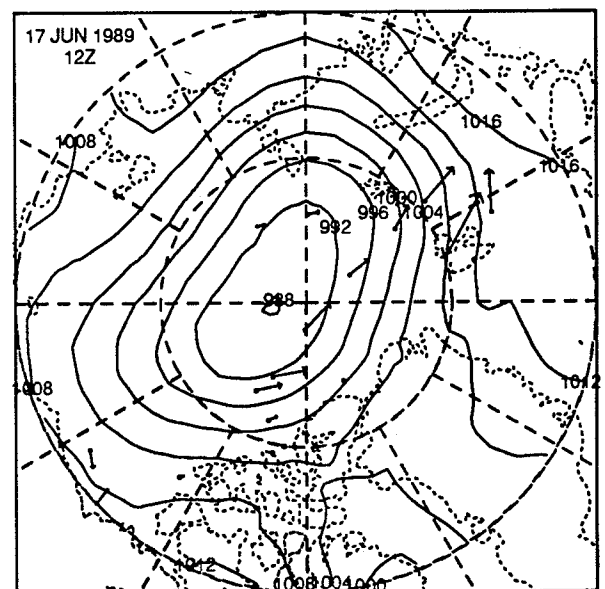
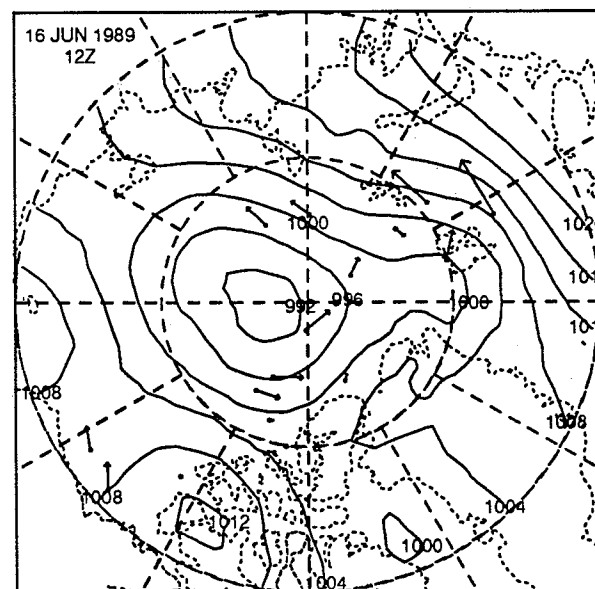
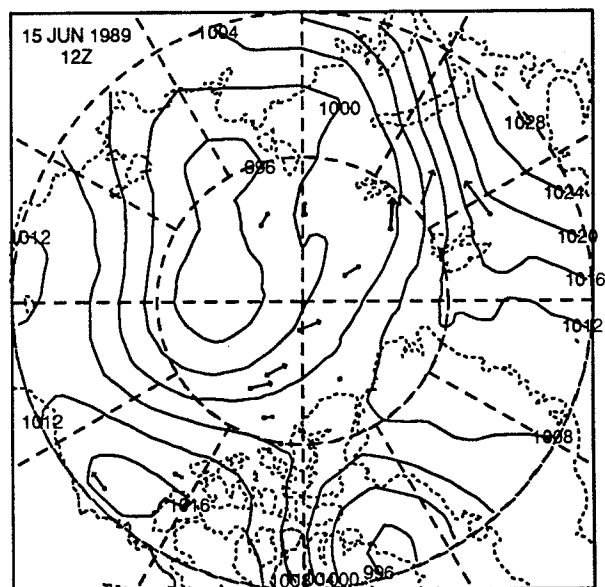
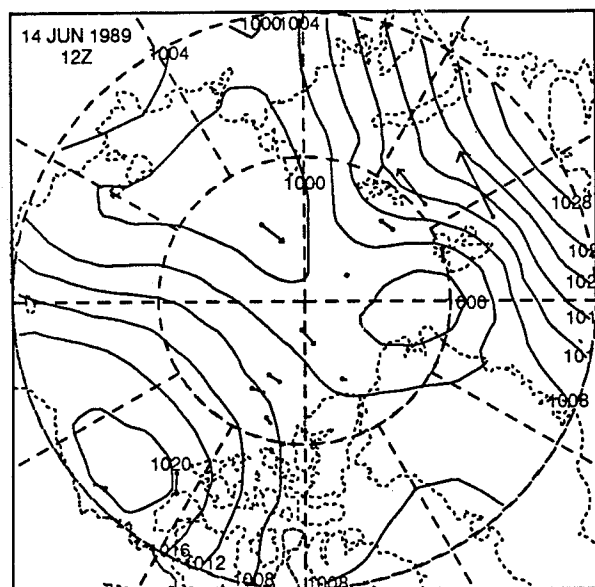
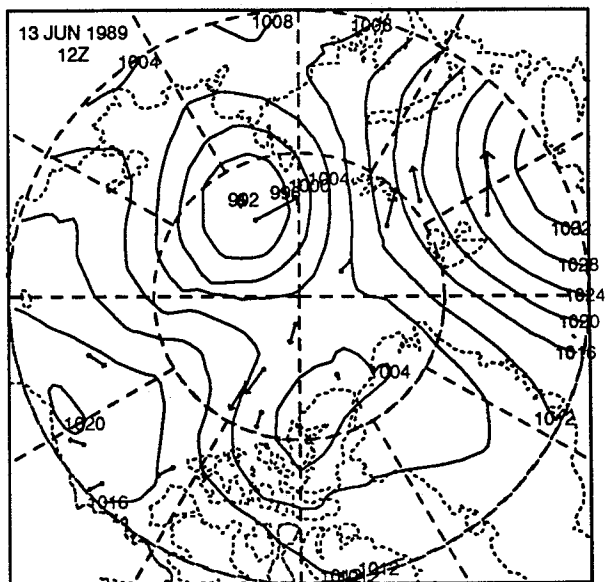
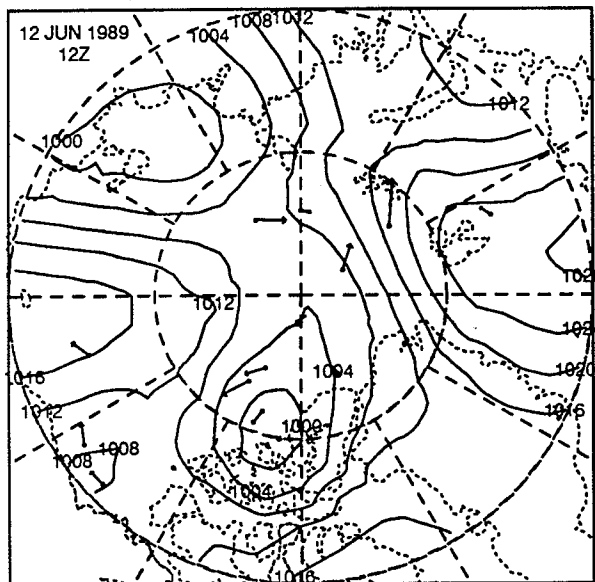




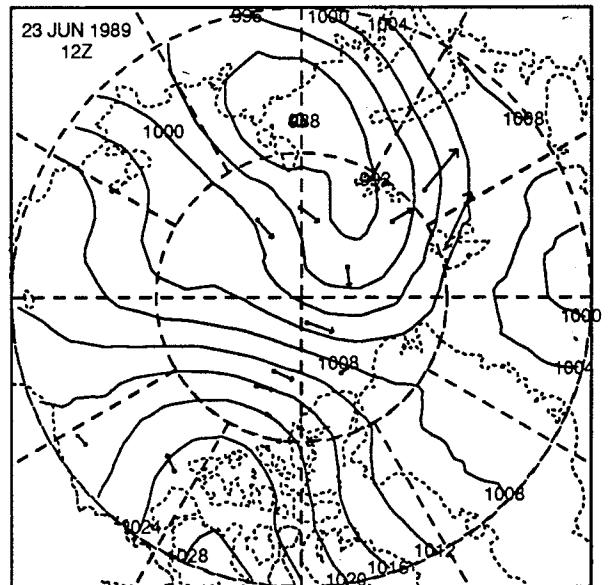
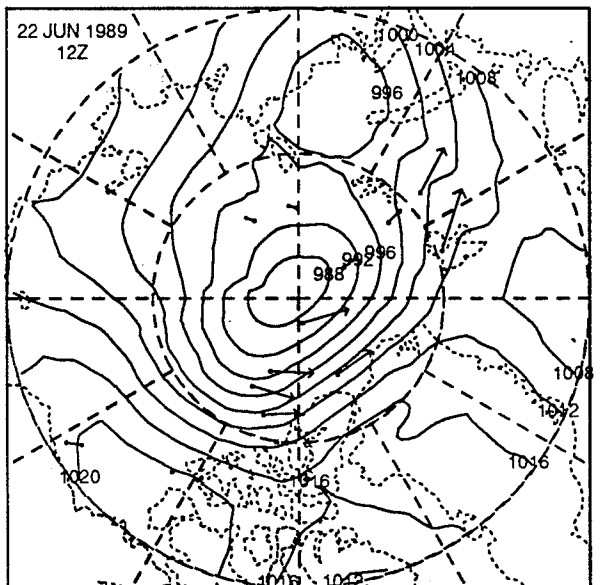
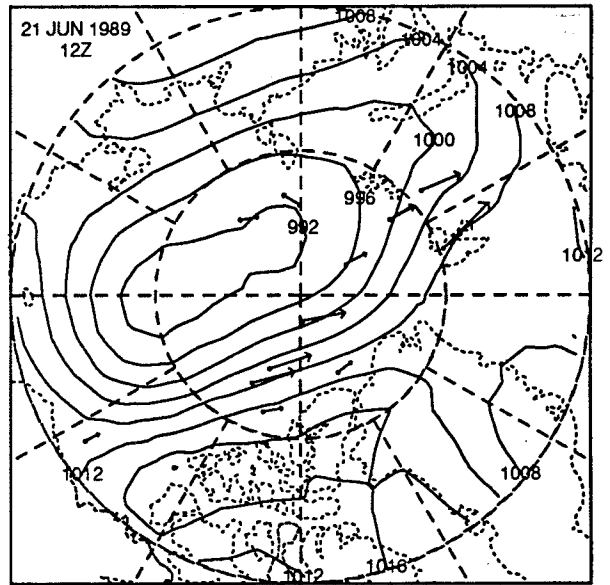
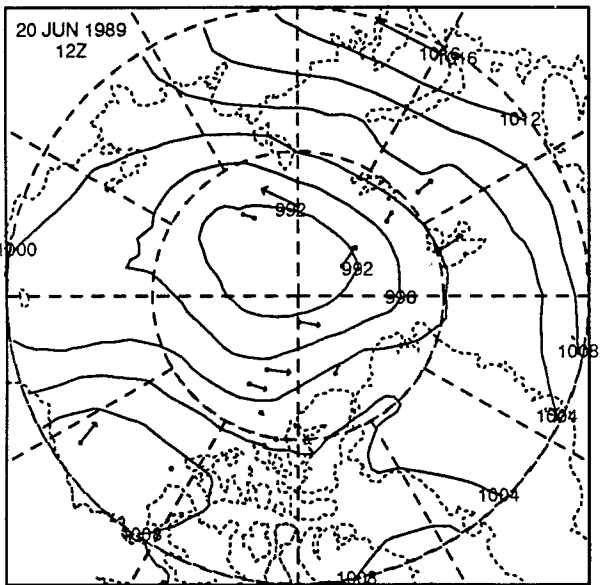
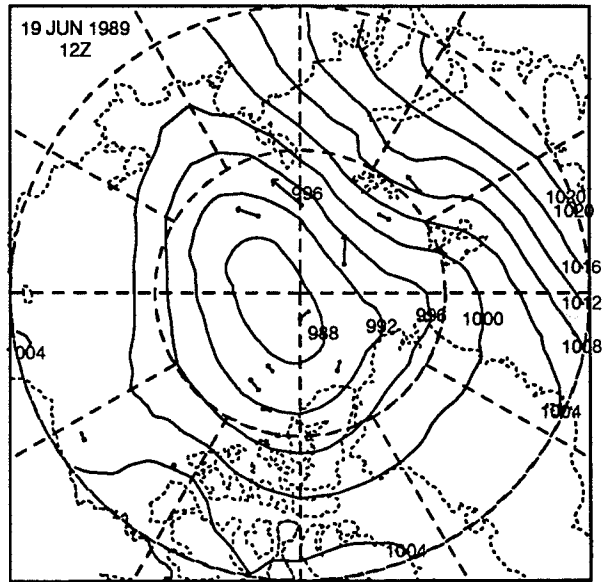
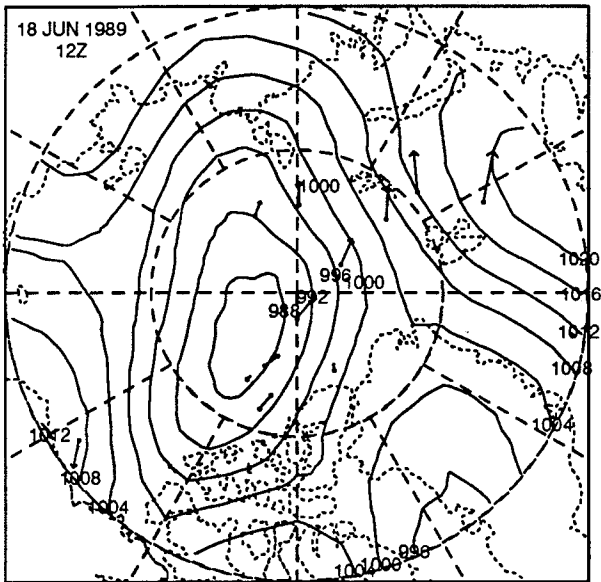




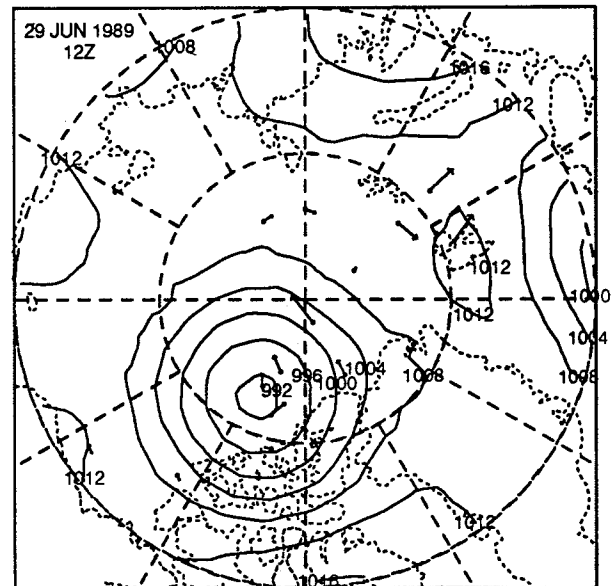
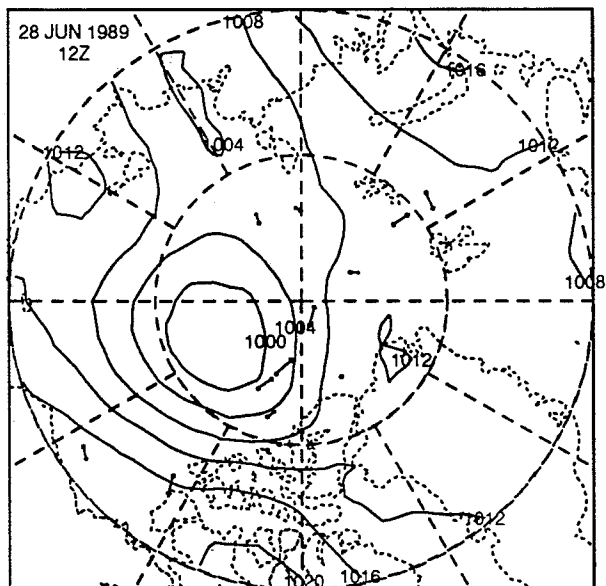
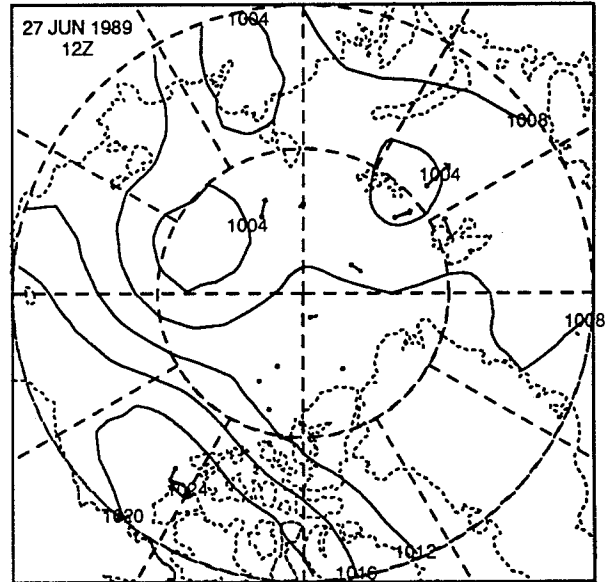
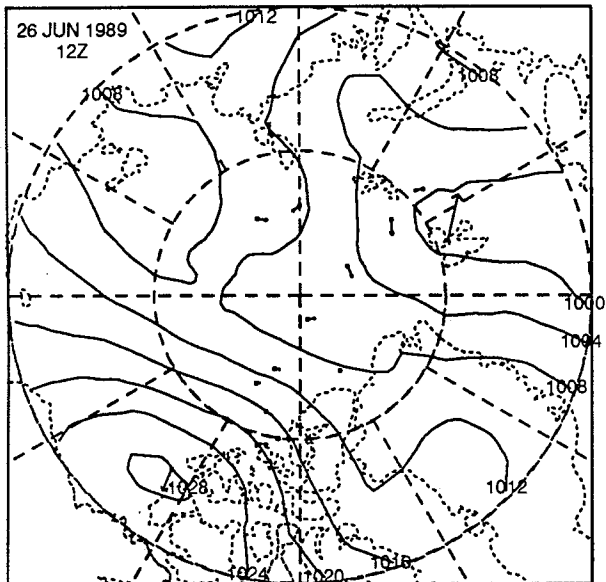
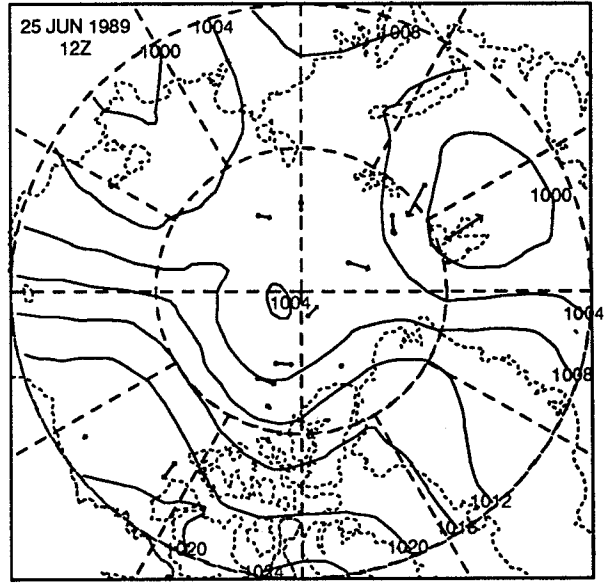
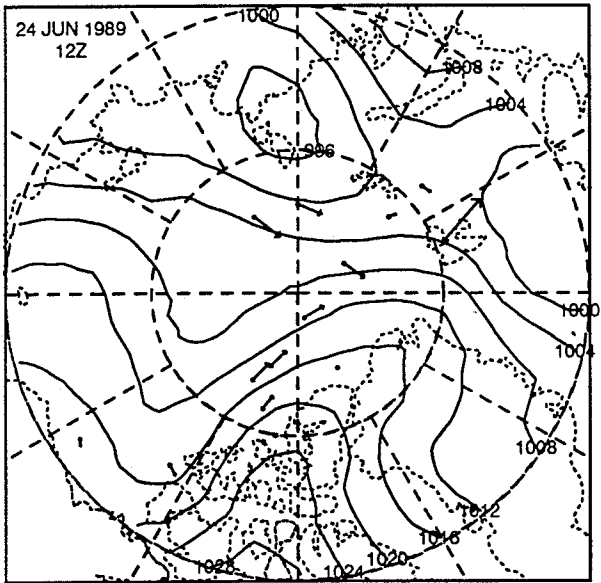
12 JUN 1989 - 17 JUN 1989

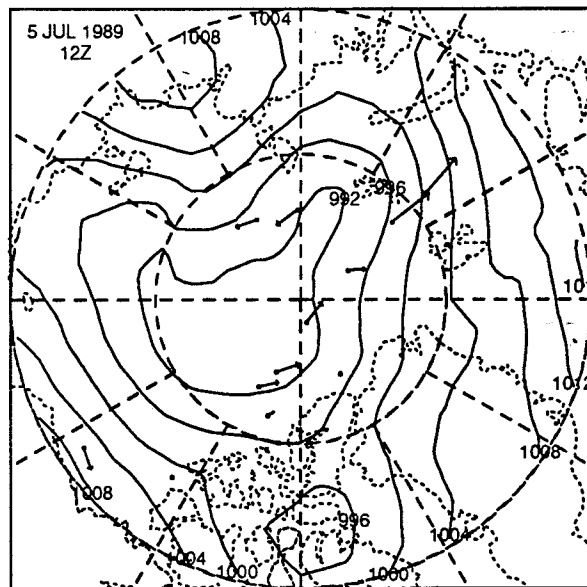
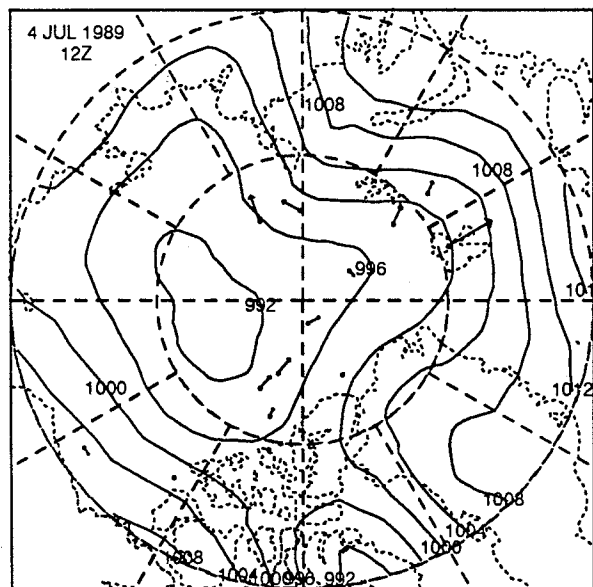
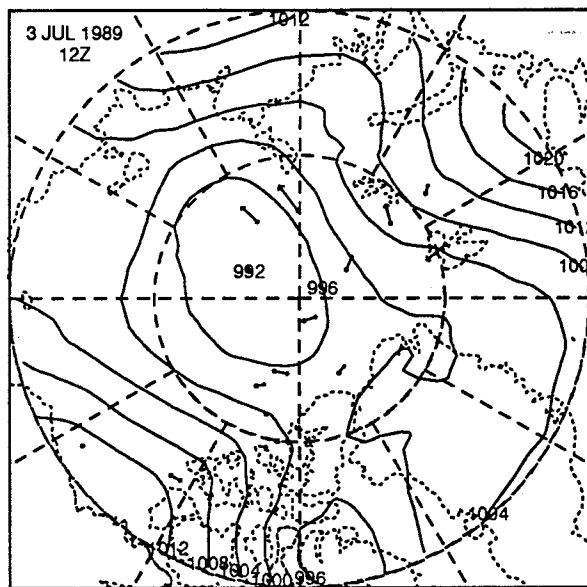
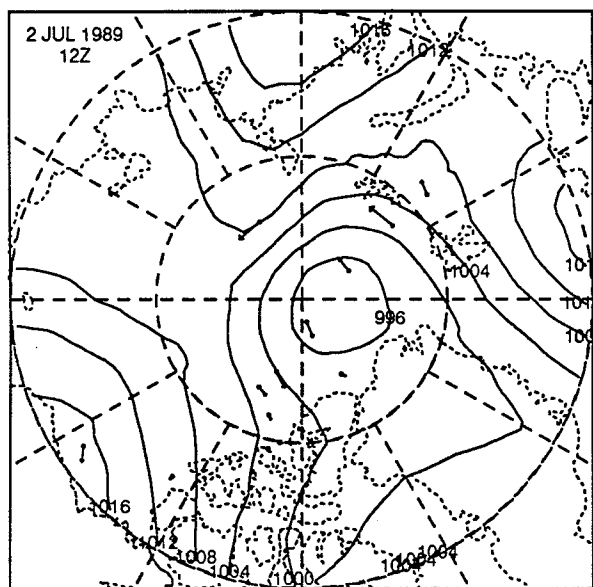
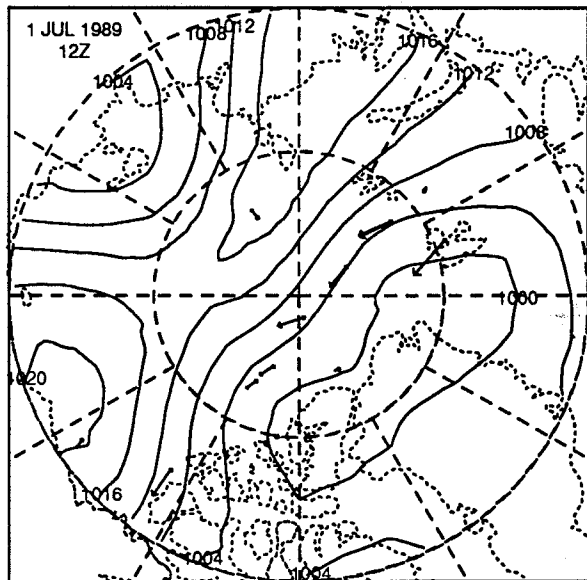
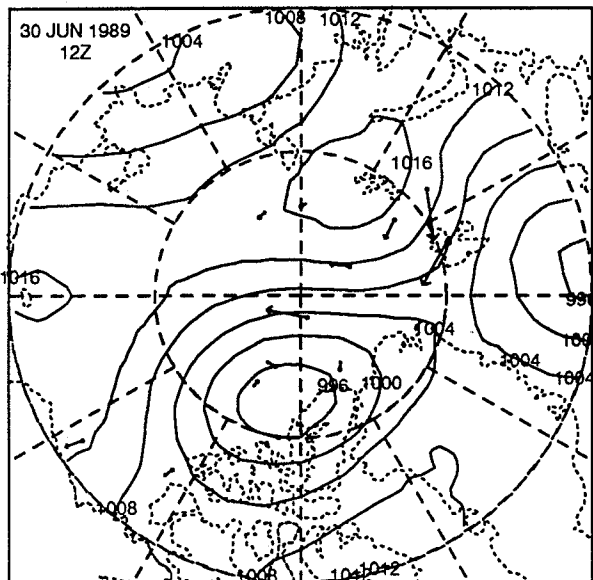


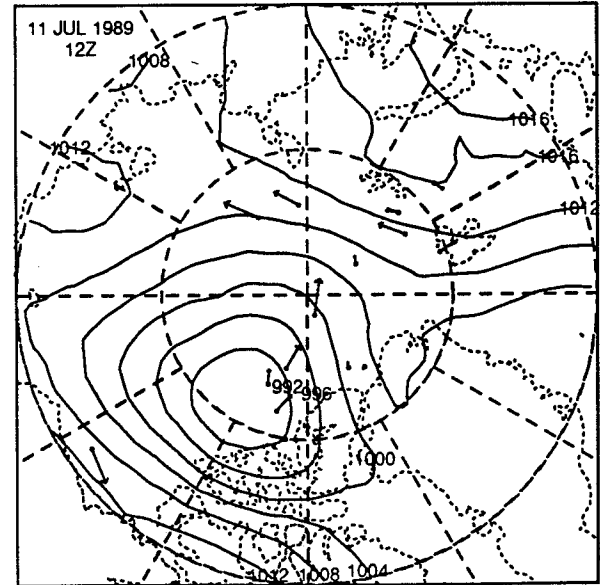
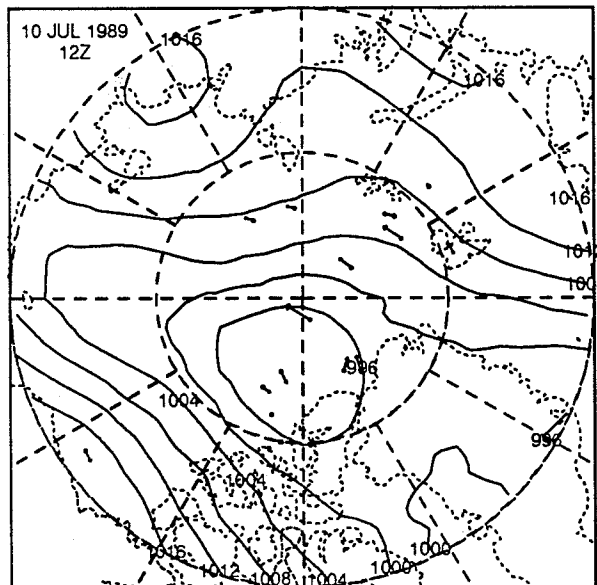
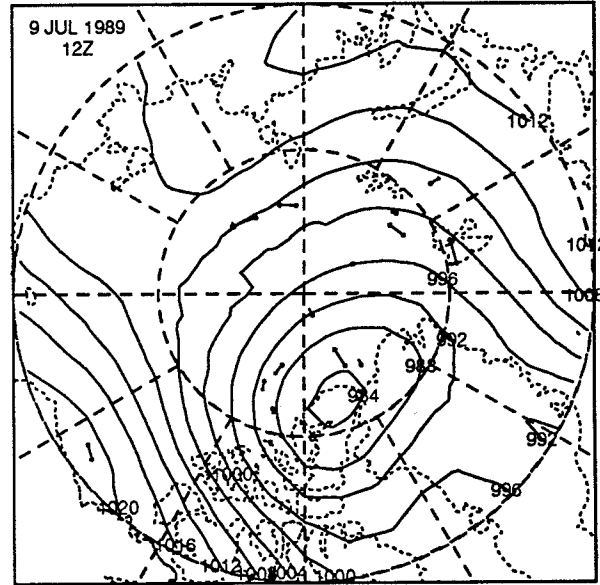
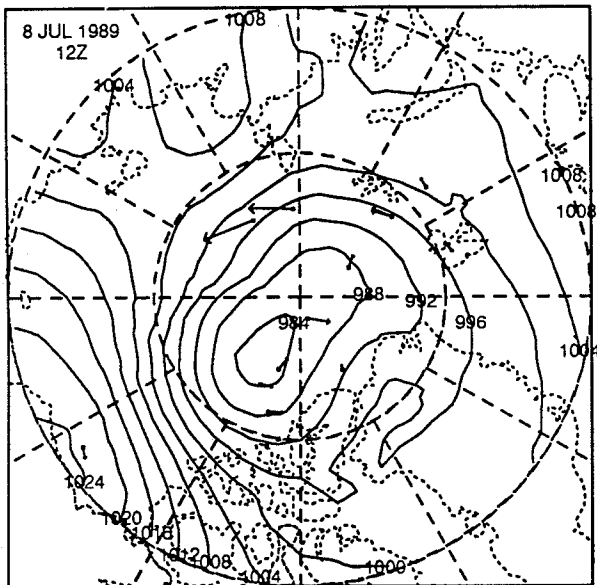
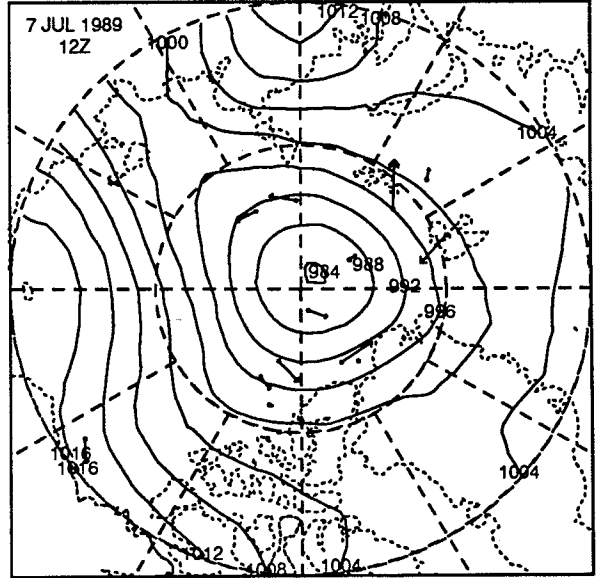
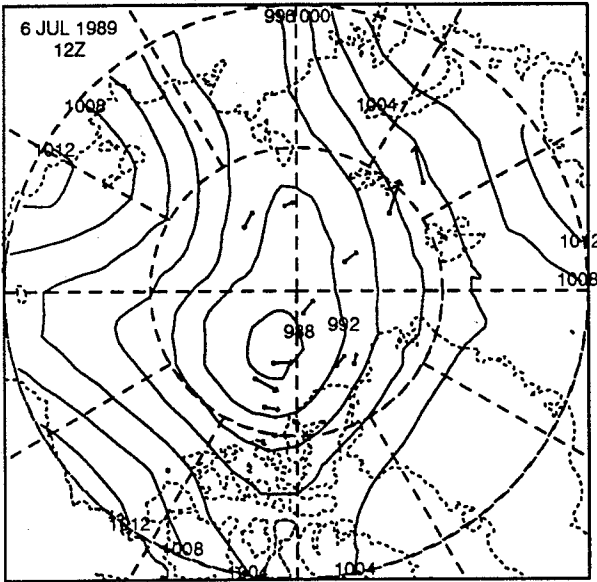
18 JUN 1989 - 23 JUN 1989



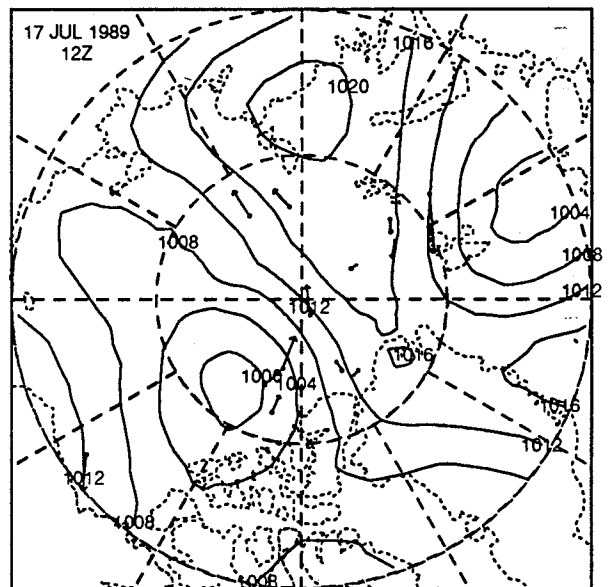
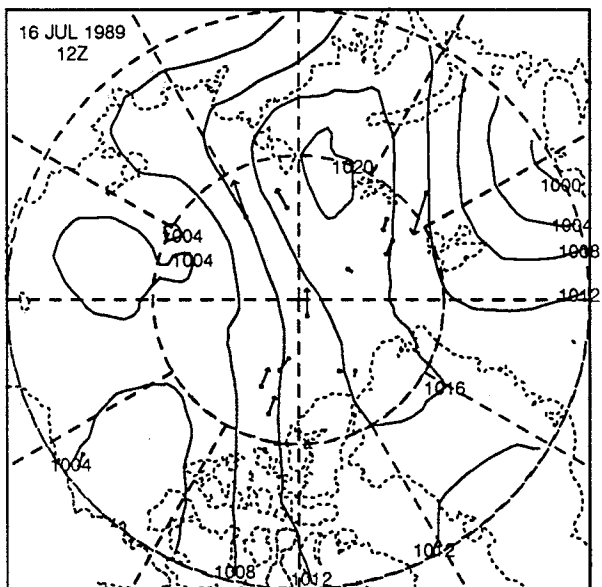
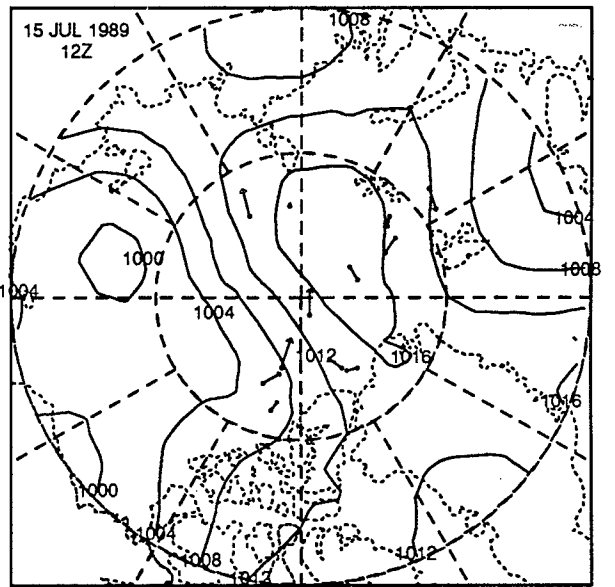
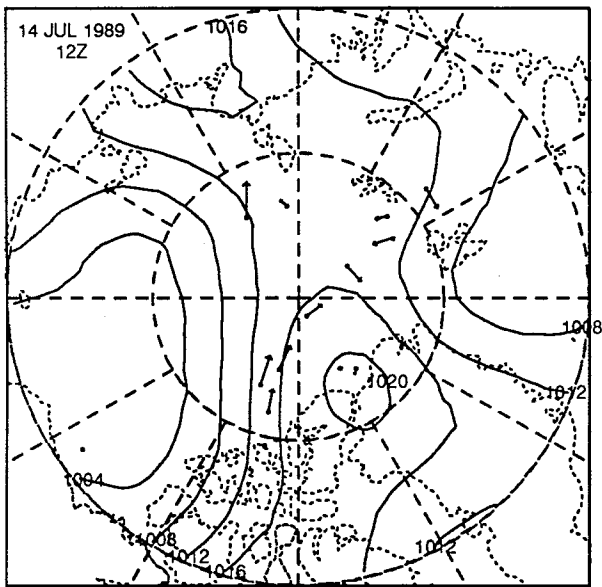
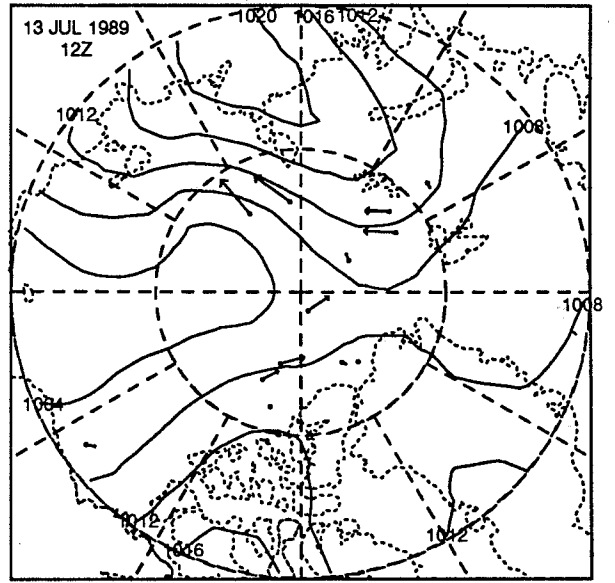
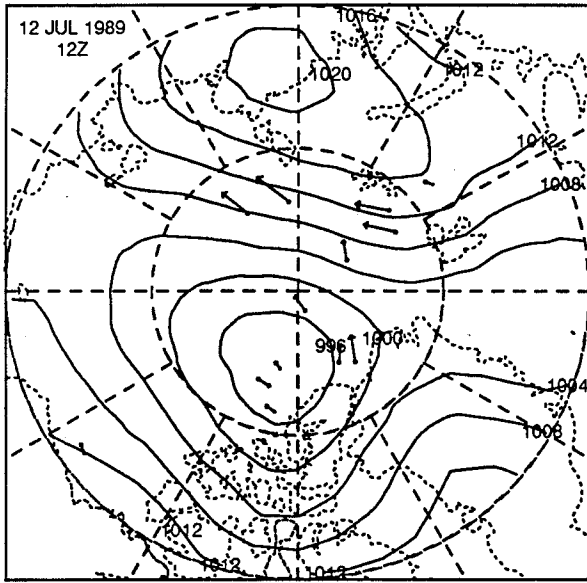
24 JUN 1989 - 29 JUN 1989

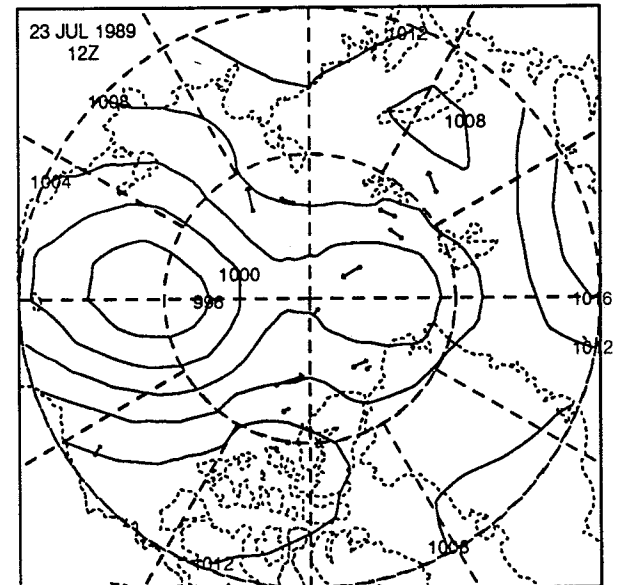
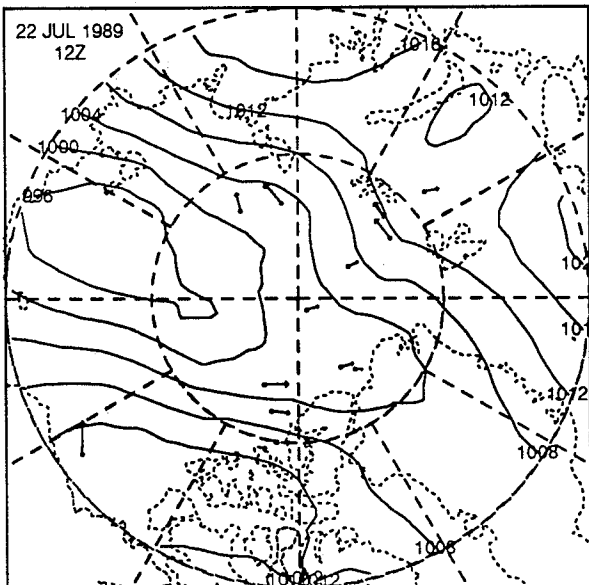
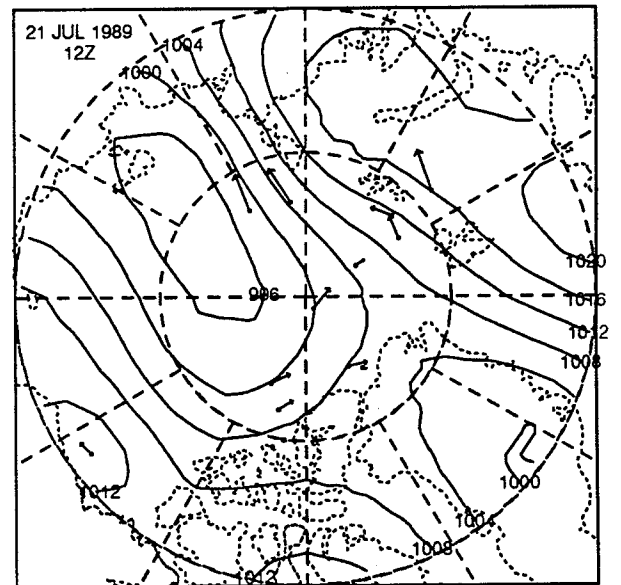
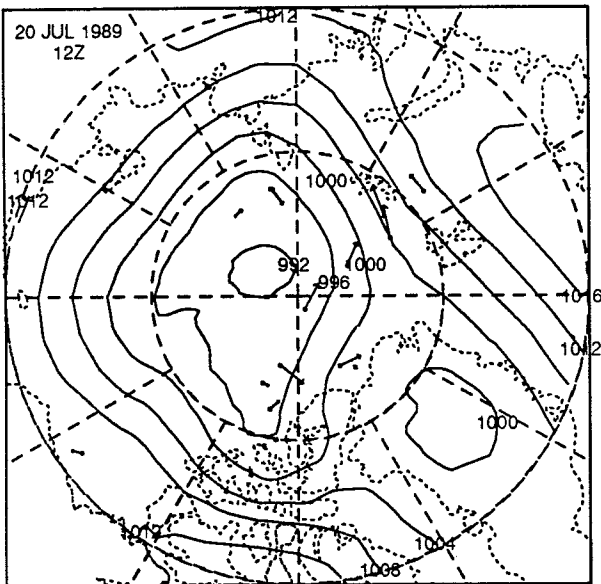
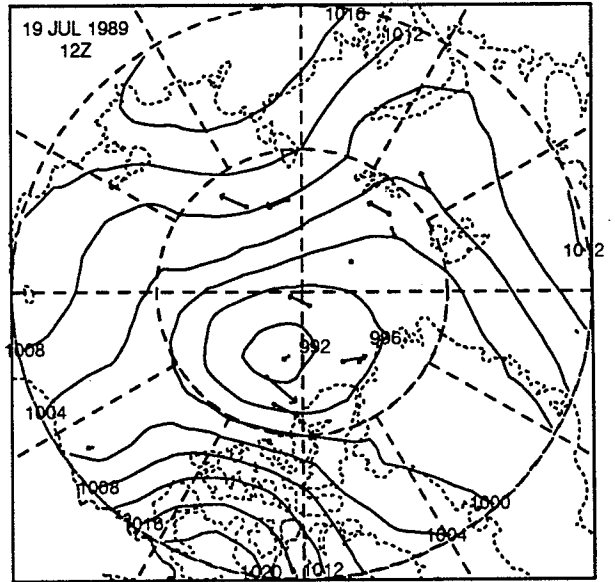
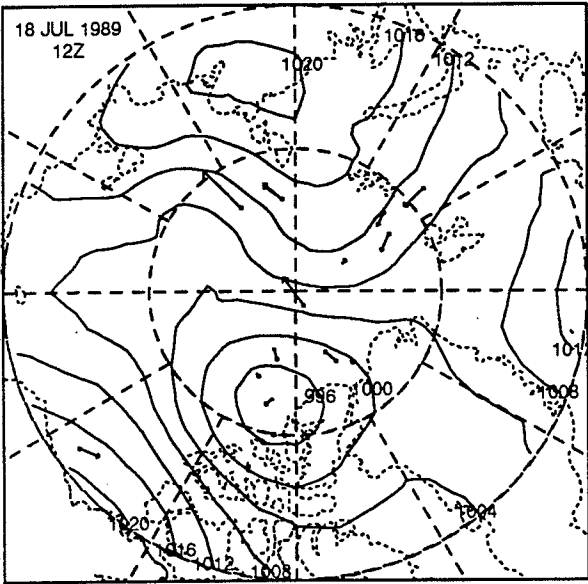




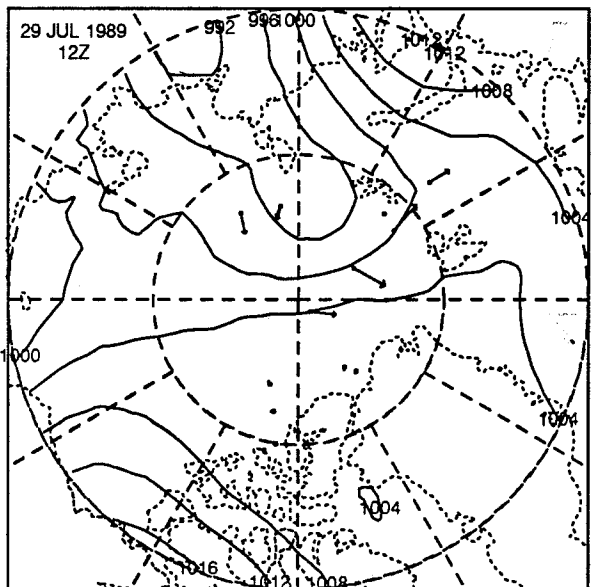
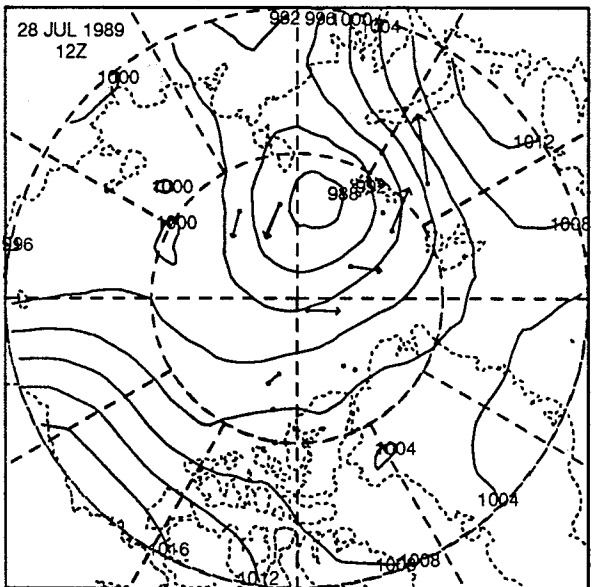
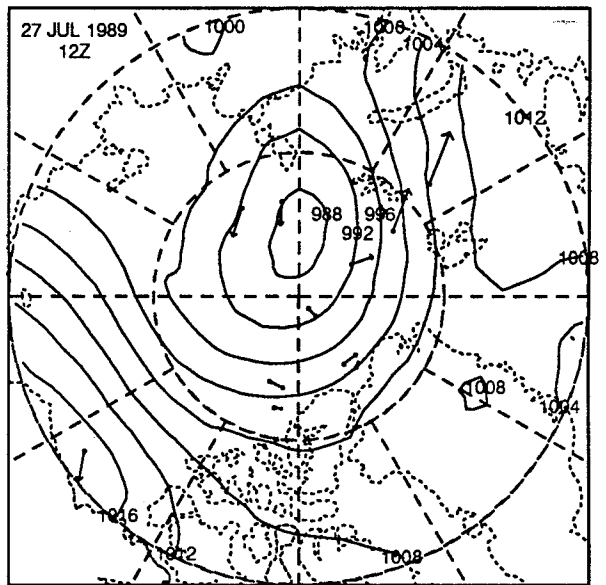
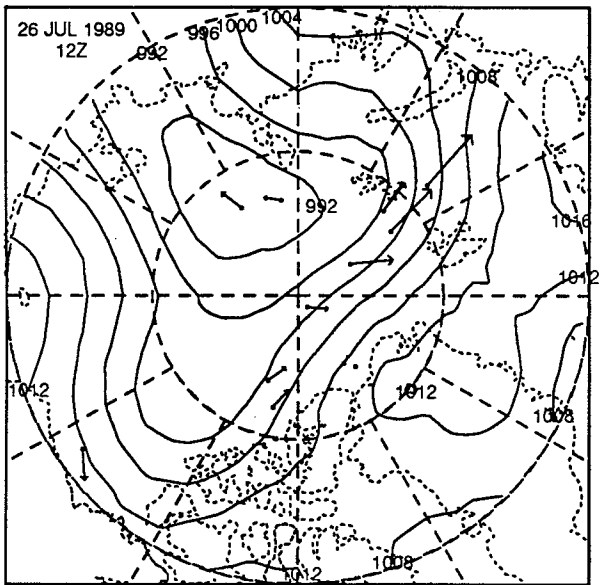
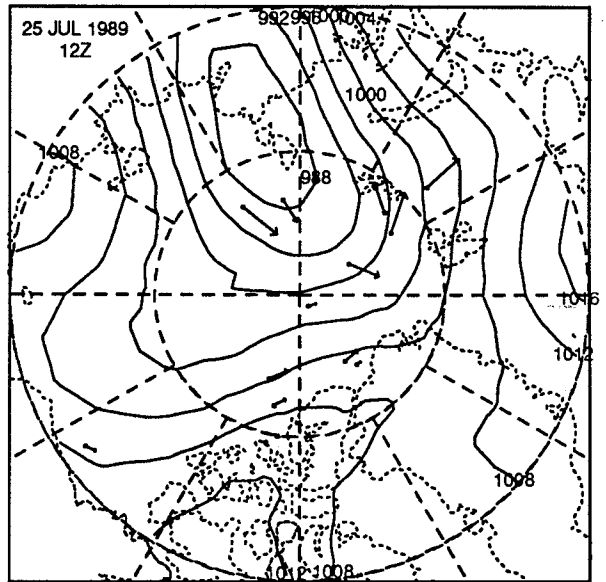
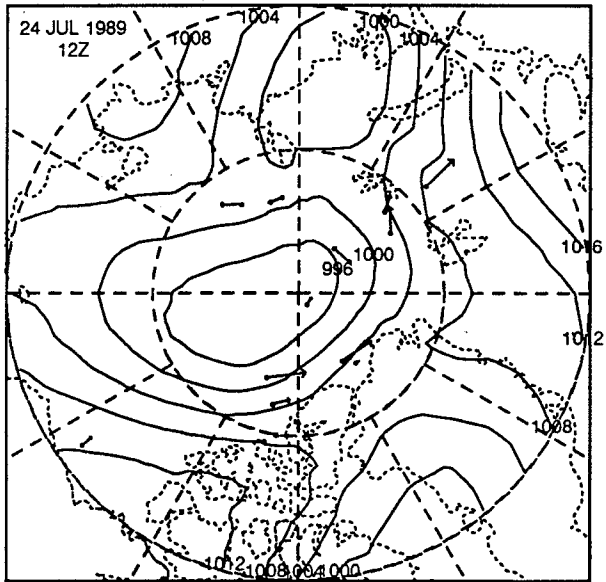


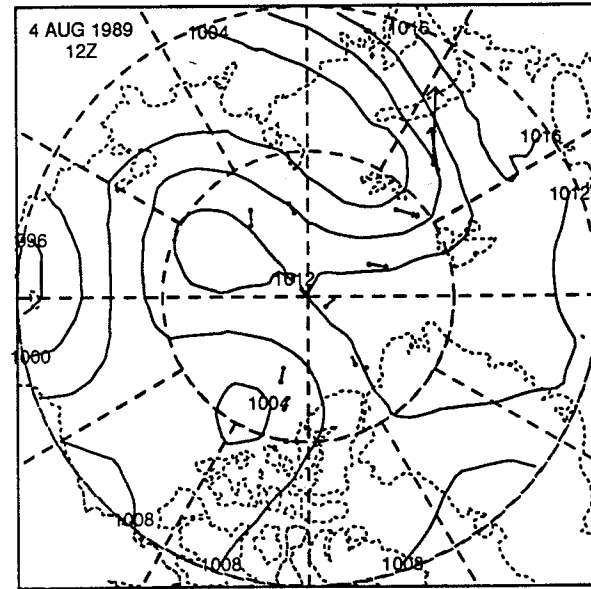
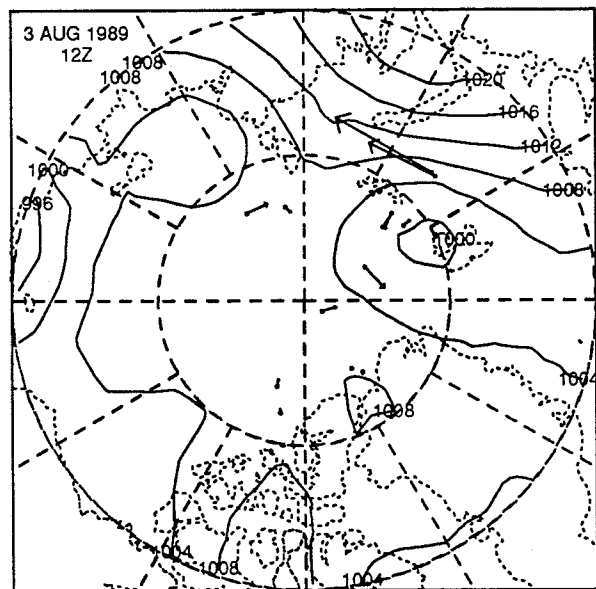
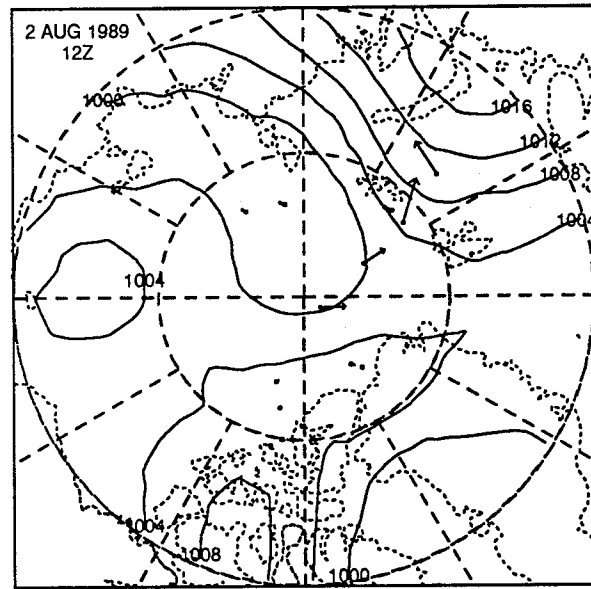
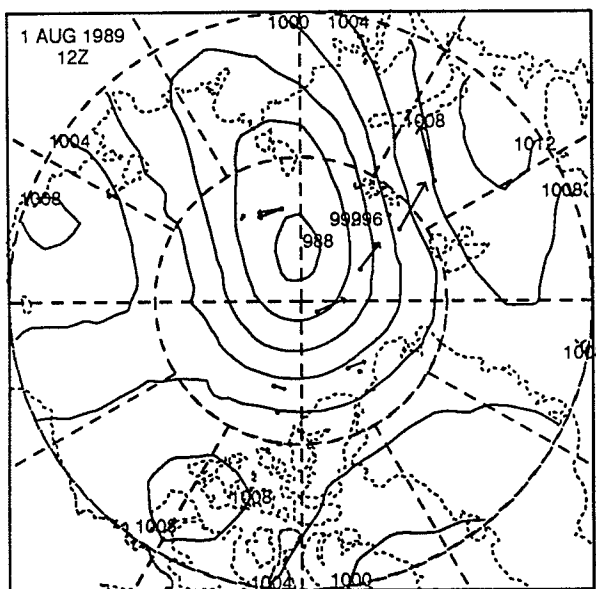
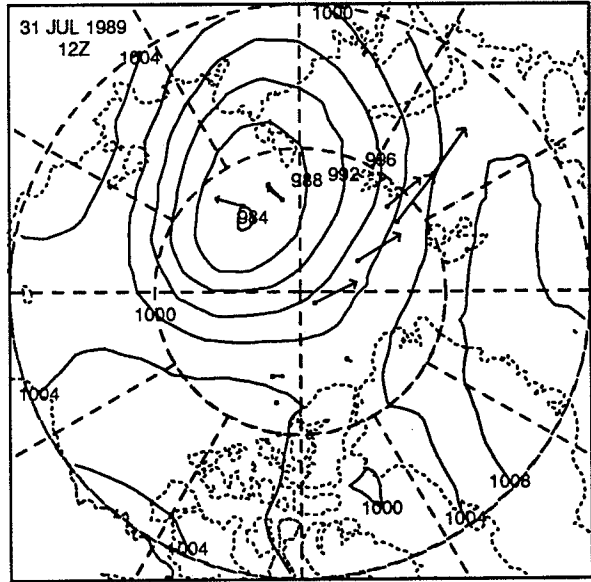
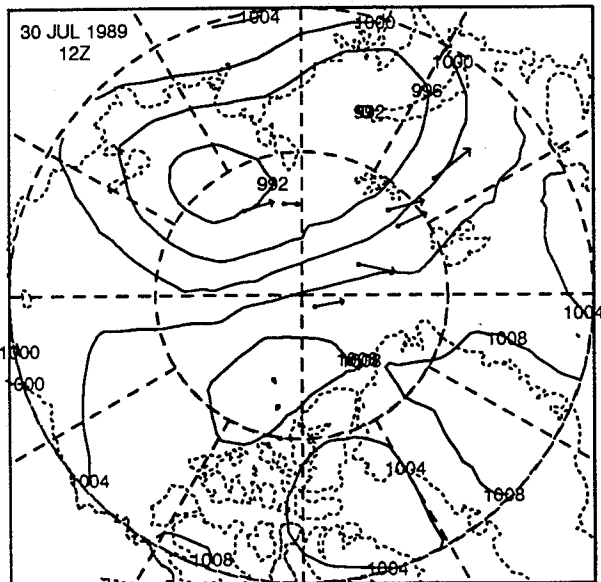
12 JUL 1989 - 17 JUL 1989



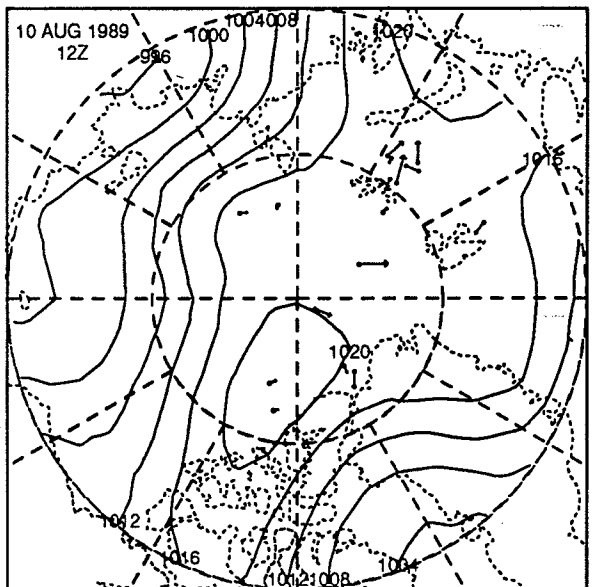
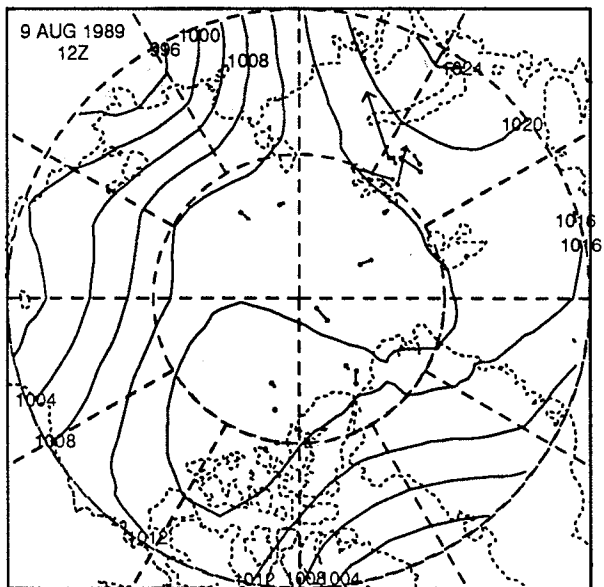
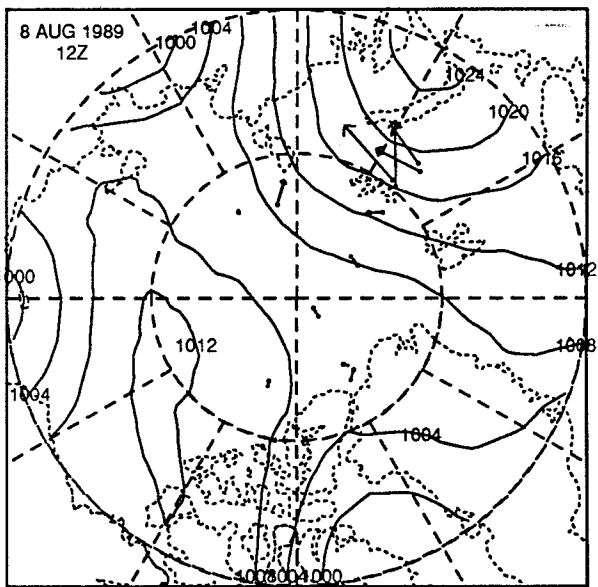
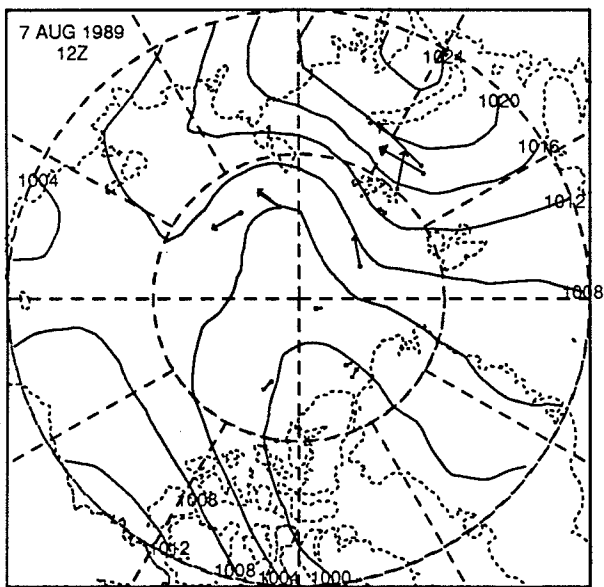
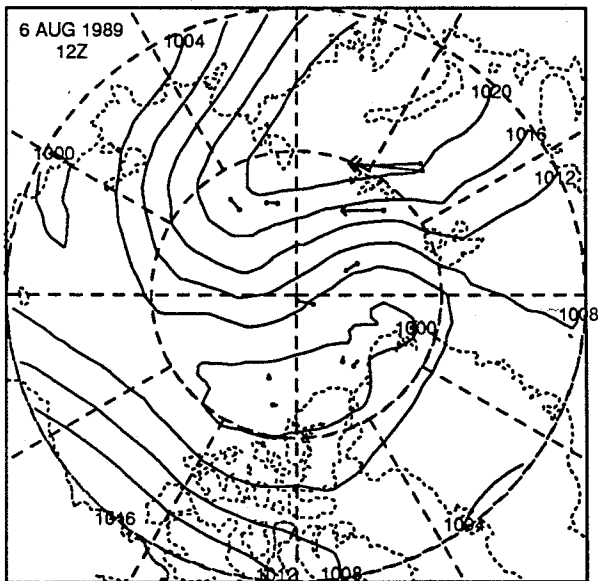
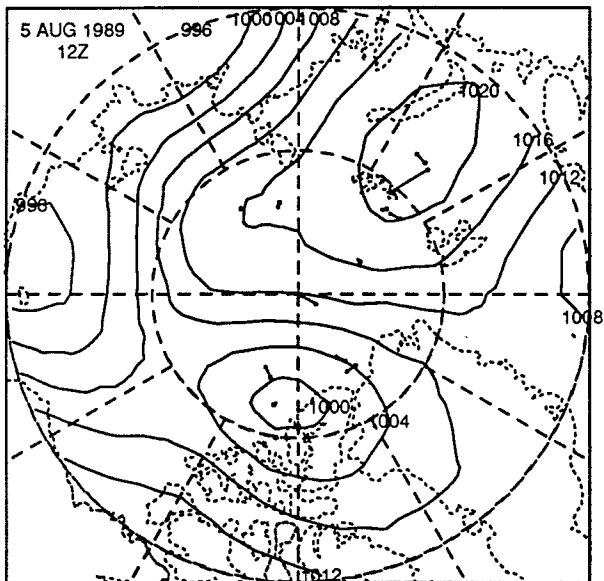


24 JUL 1989 - 29 JUL 1989

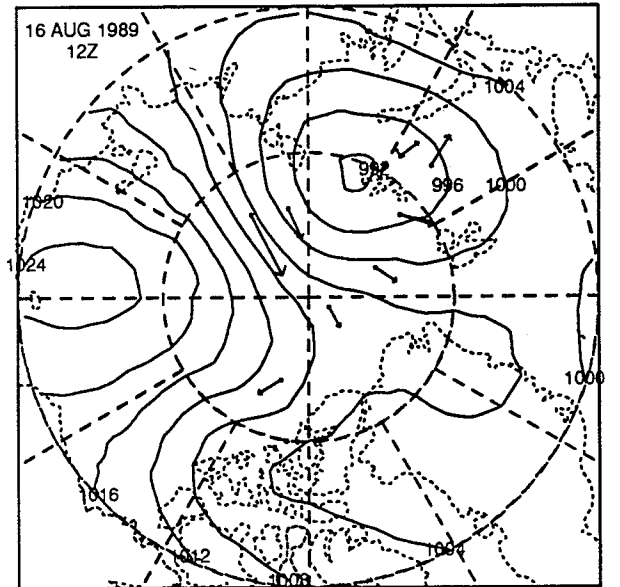
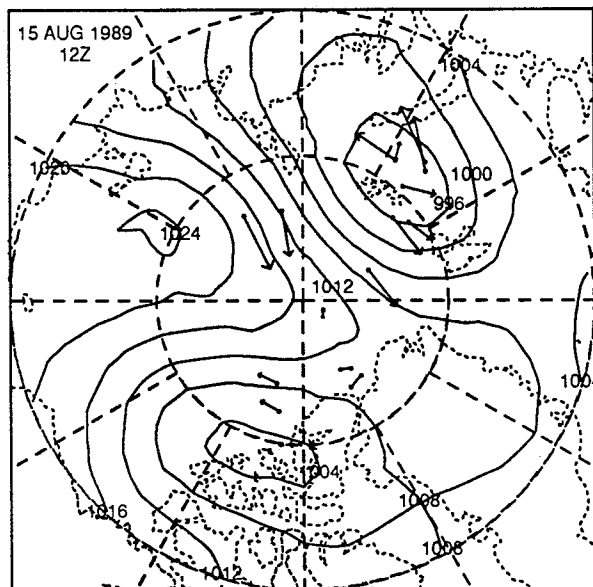
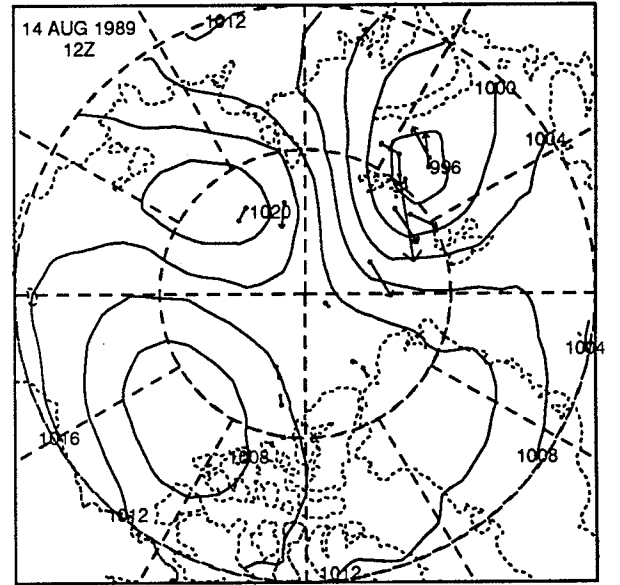
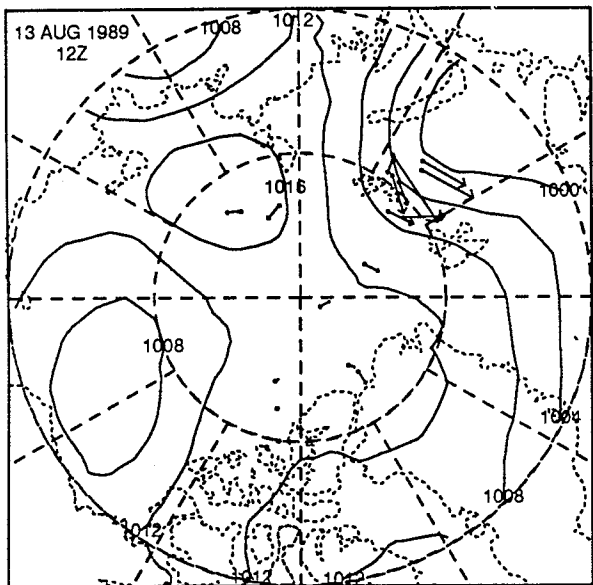
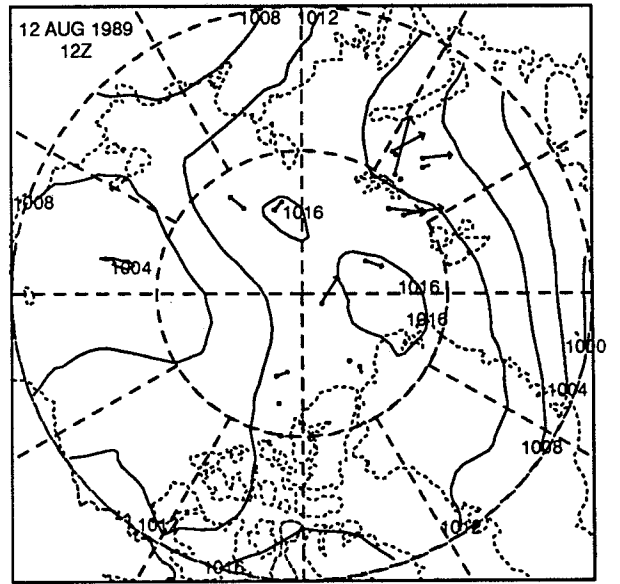
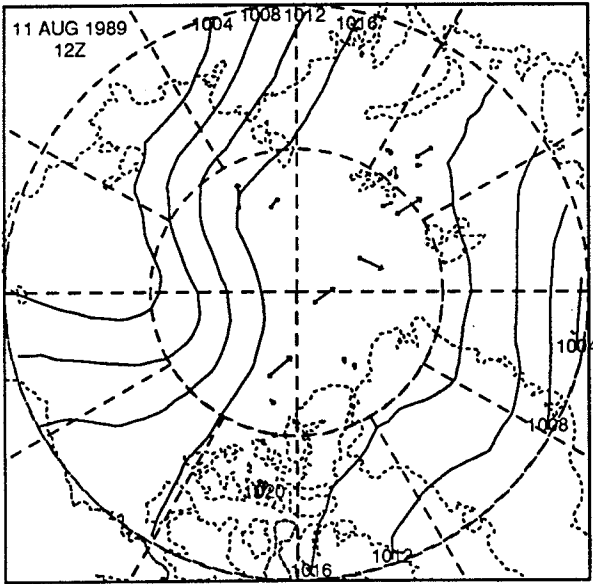


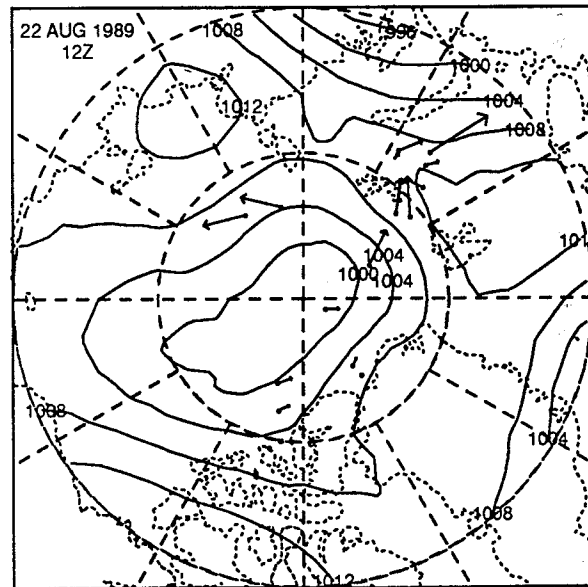
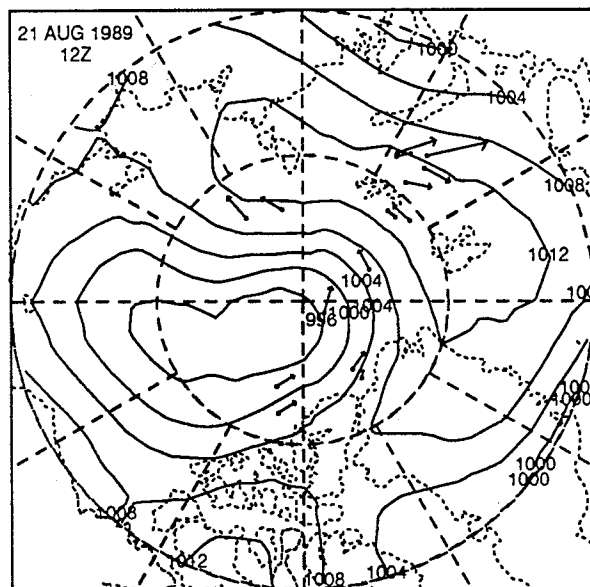
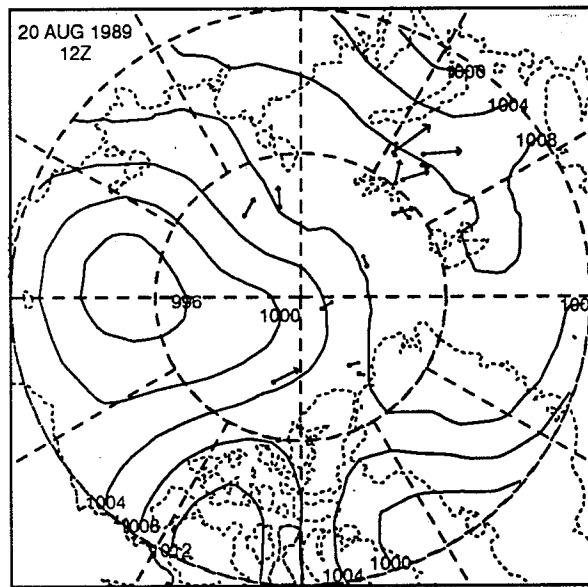
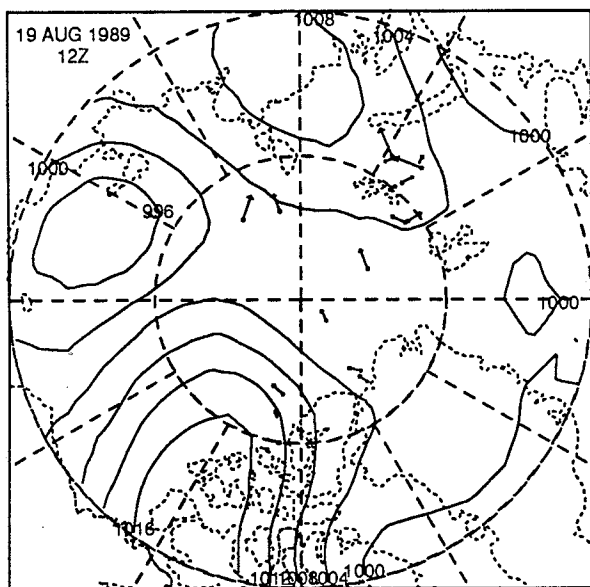
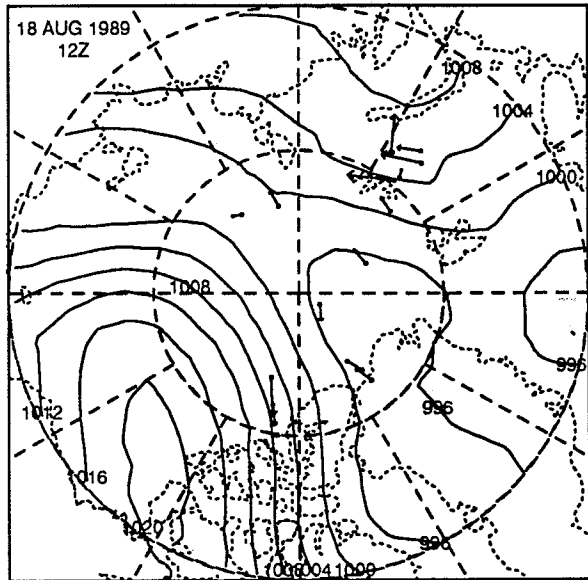
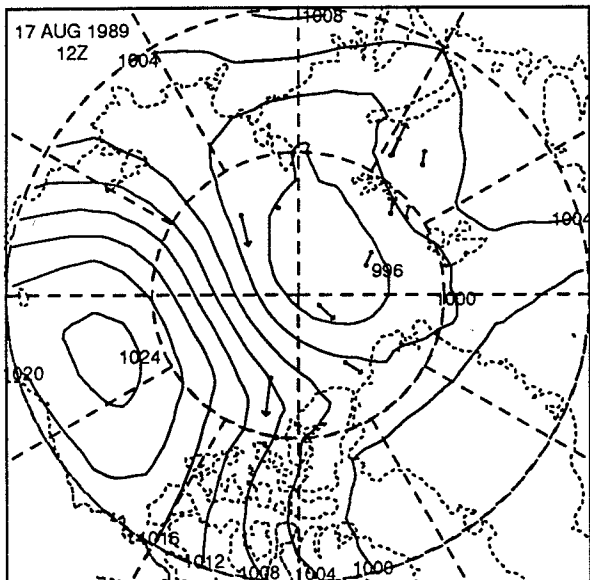


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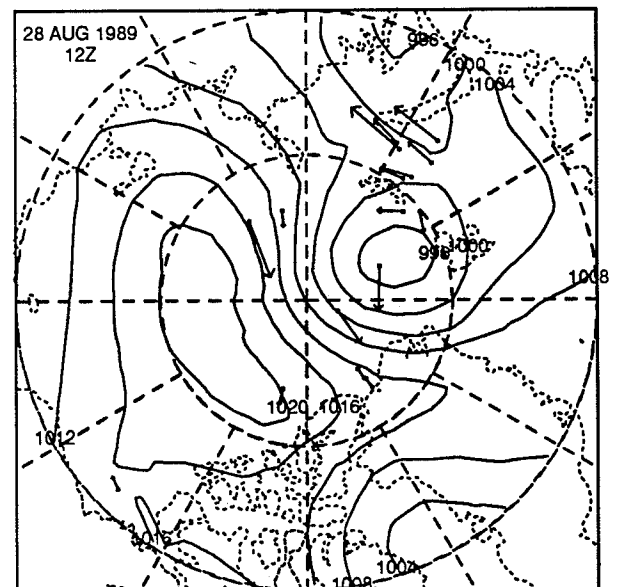
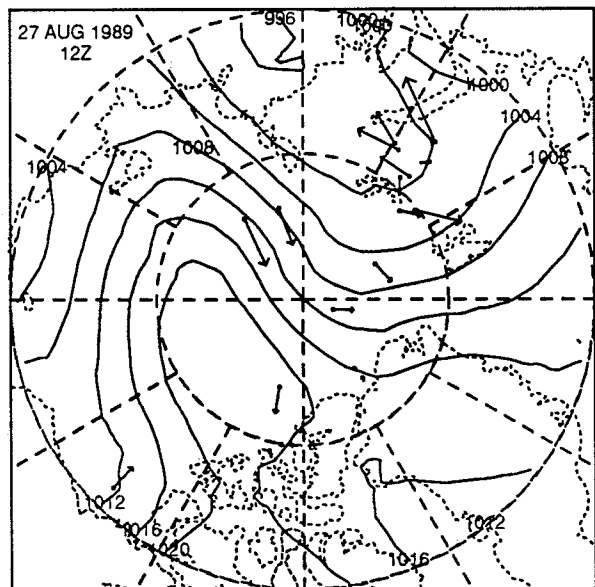
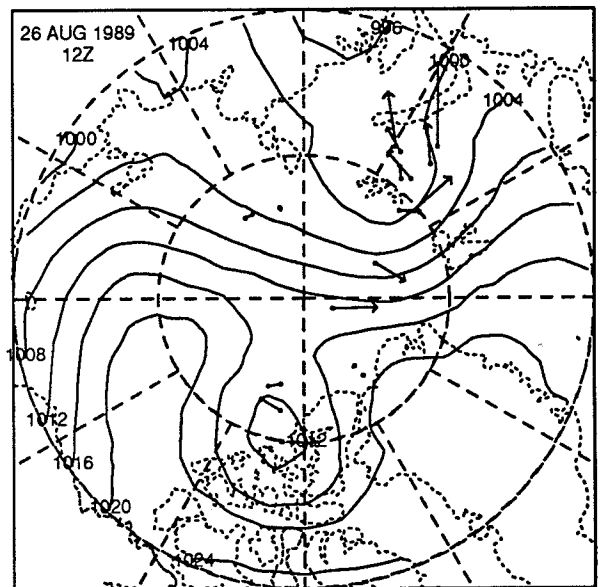
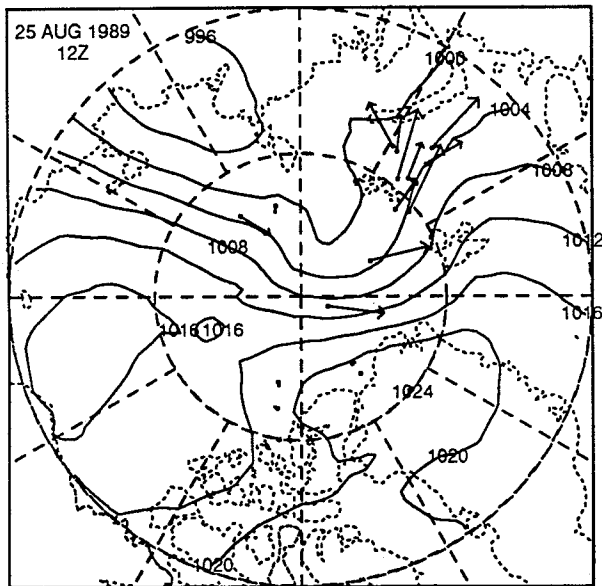
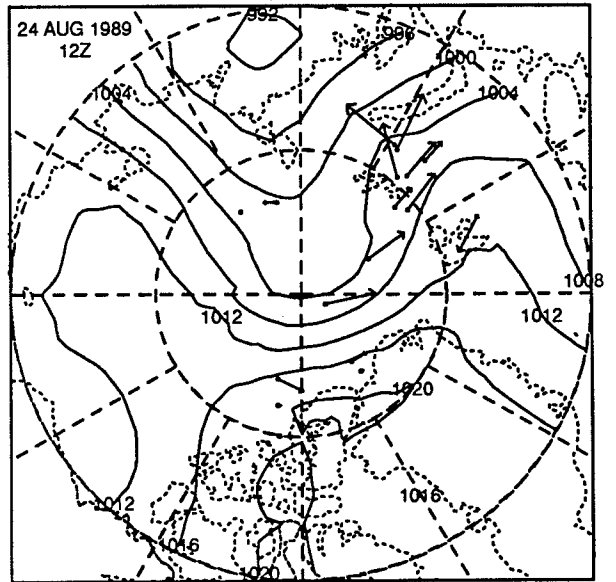
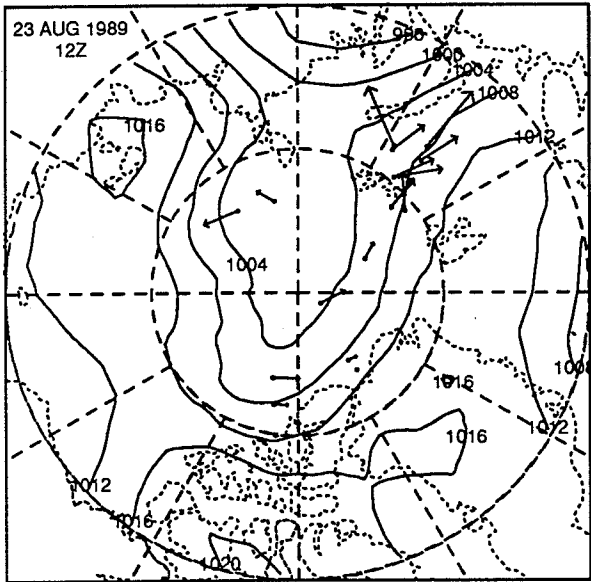


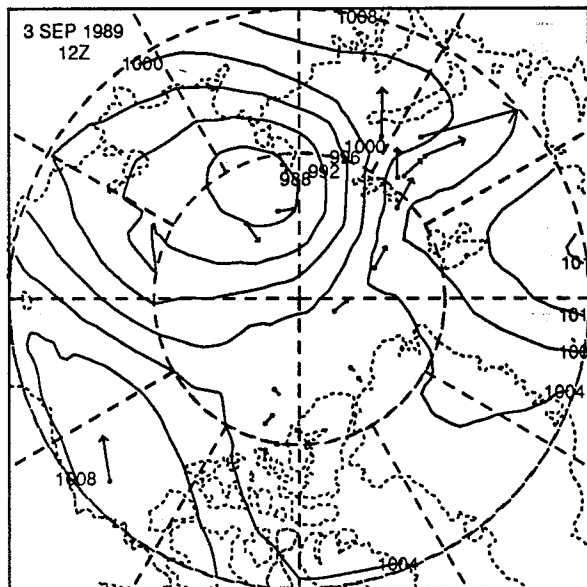
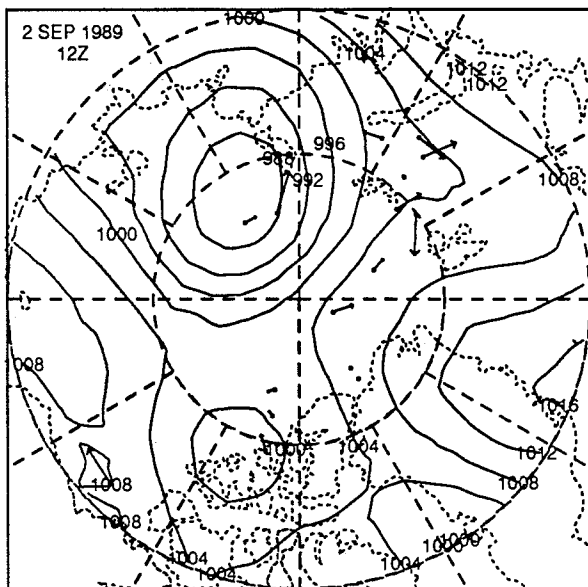
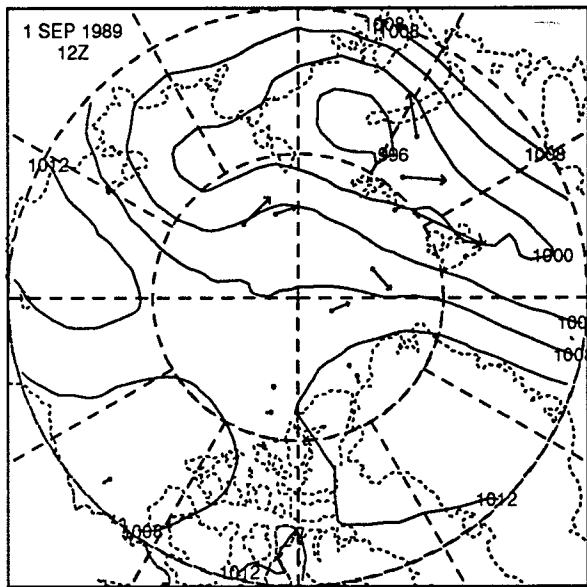
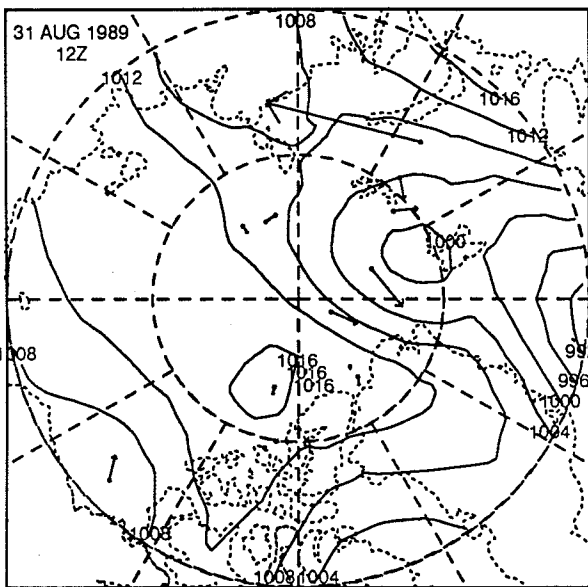
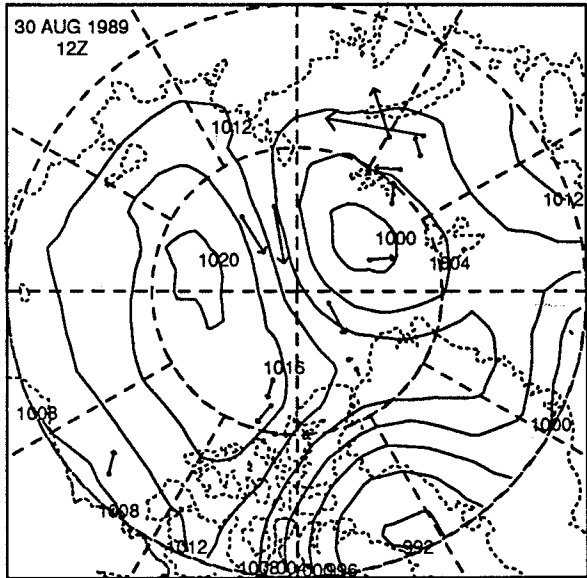
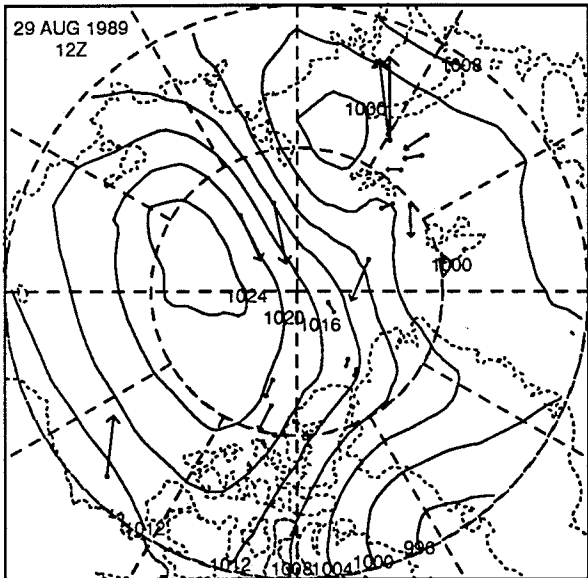
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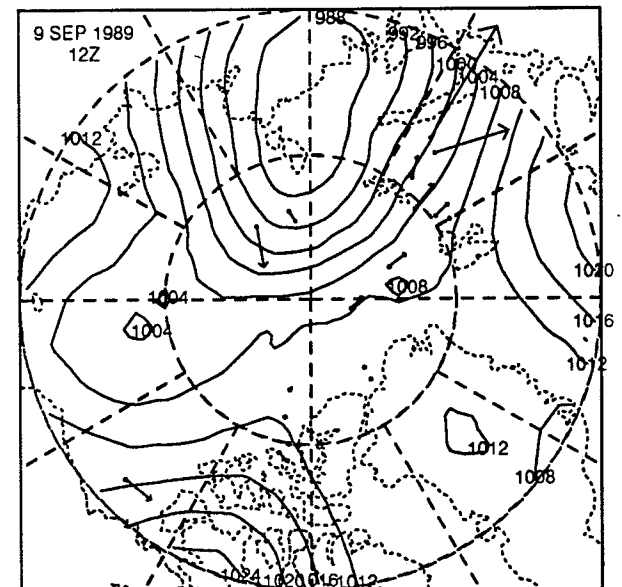
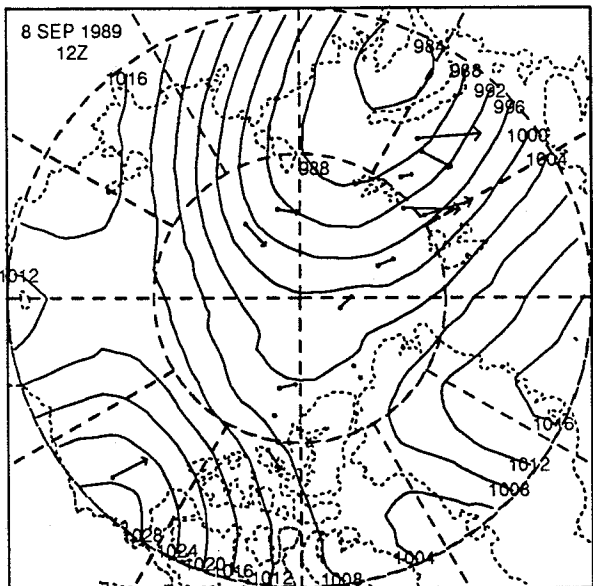
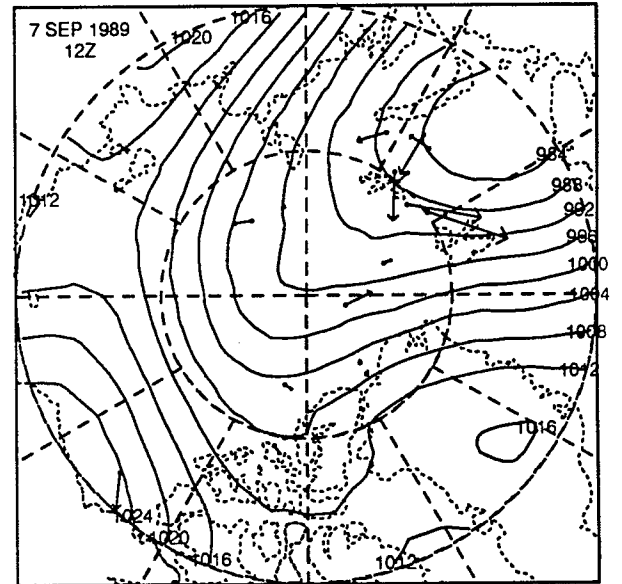
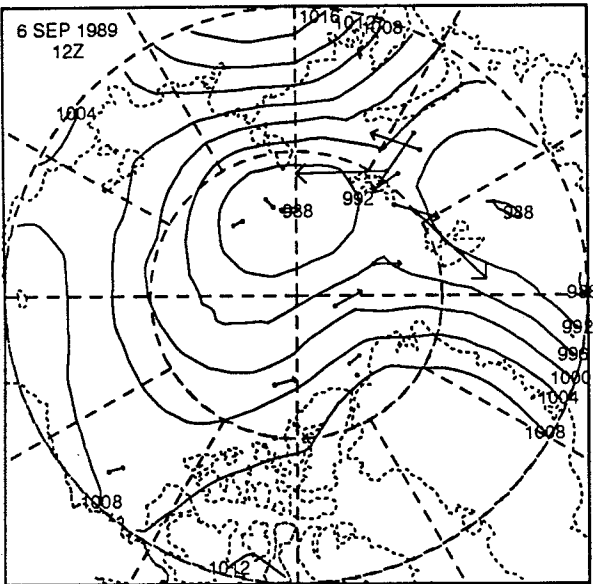
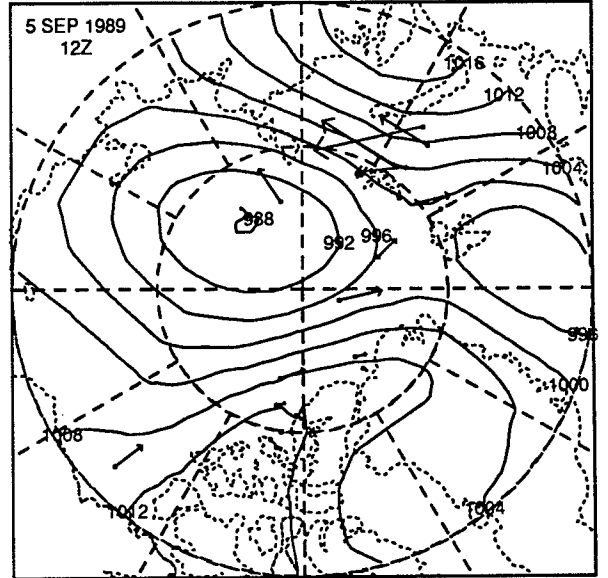
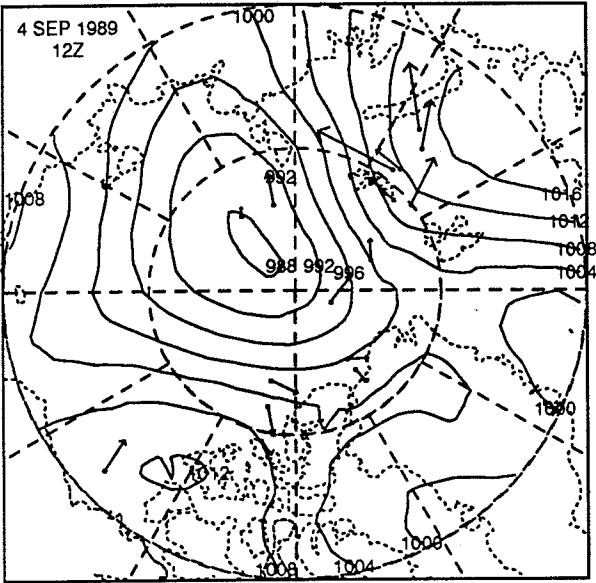


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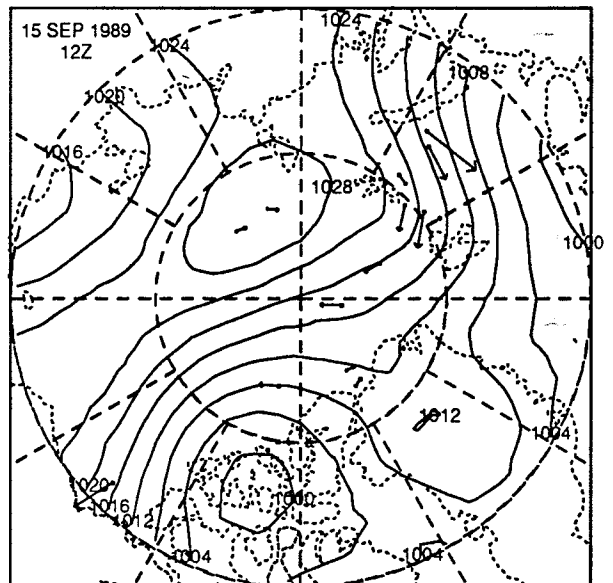
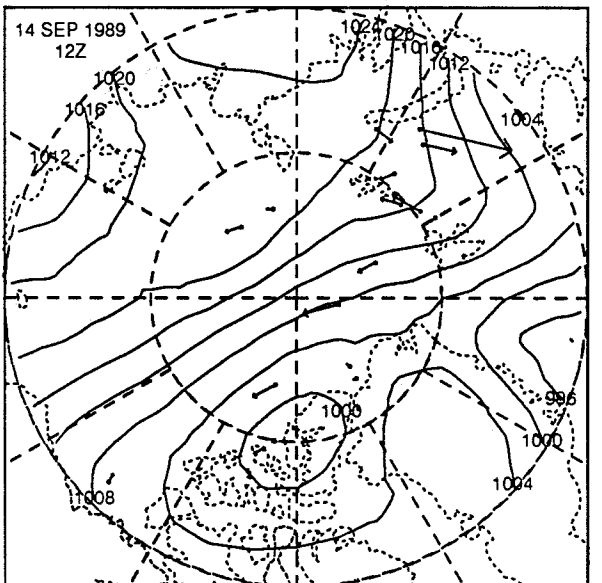
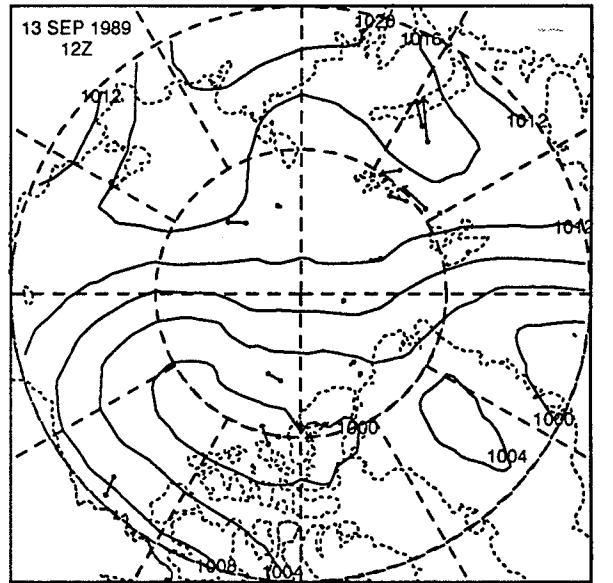
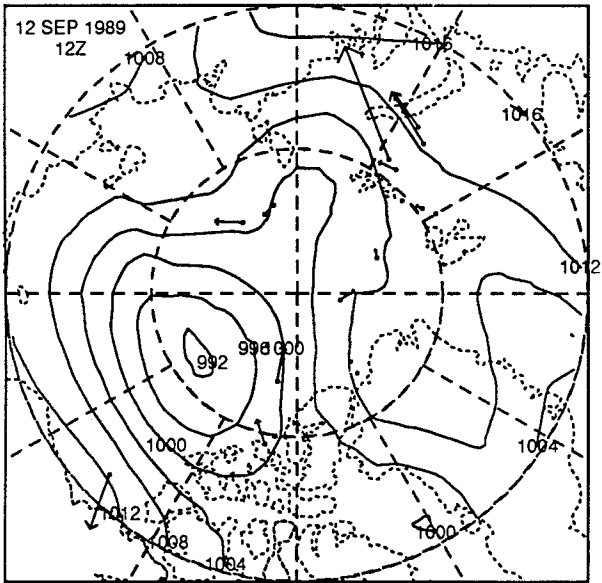
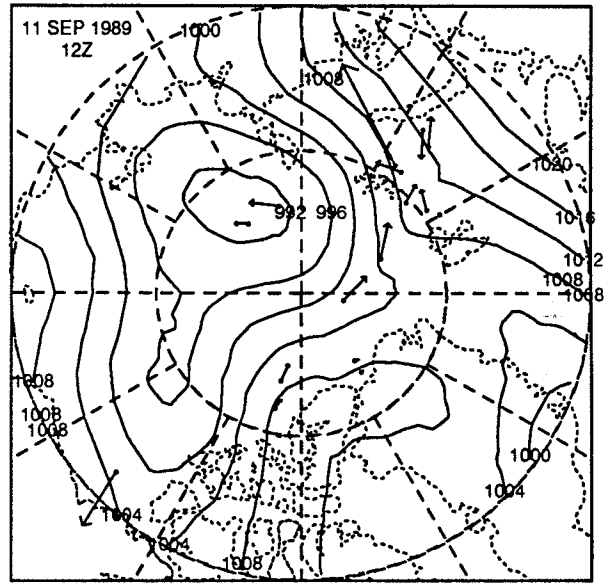
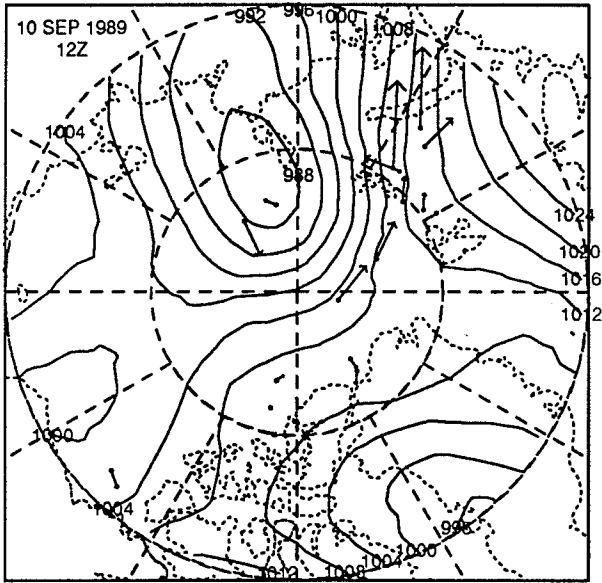


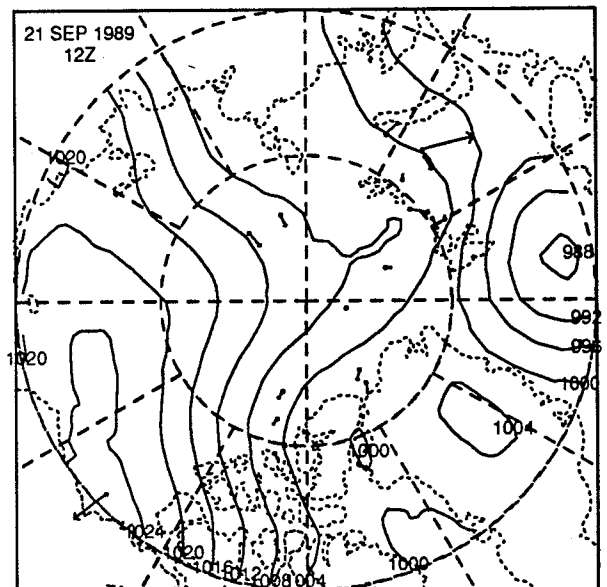
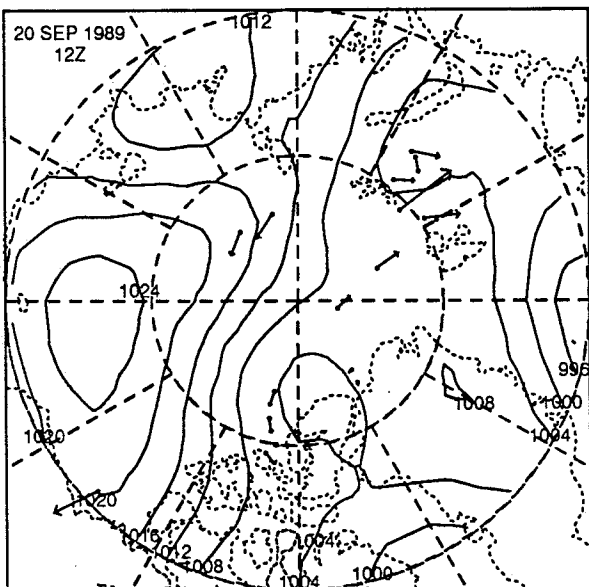
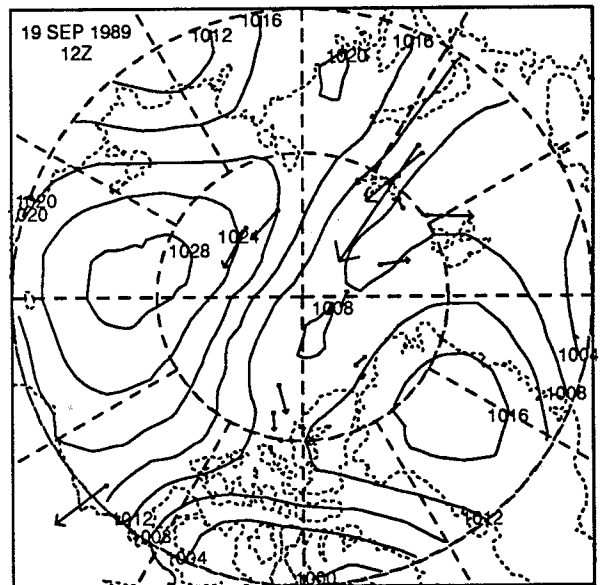
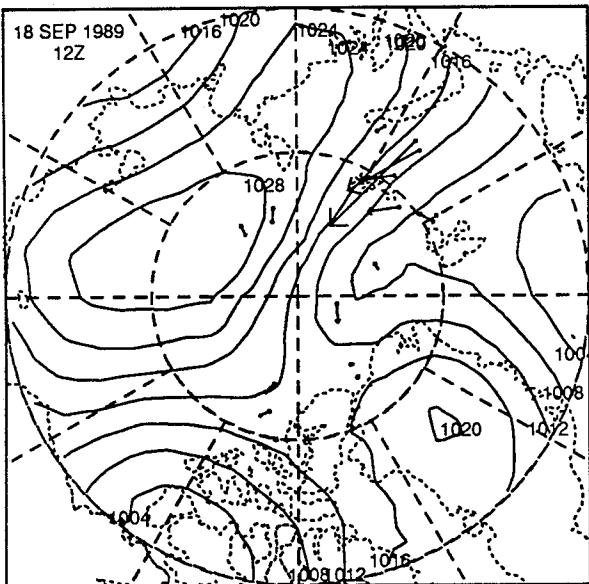
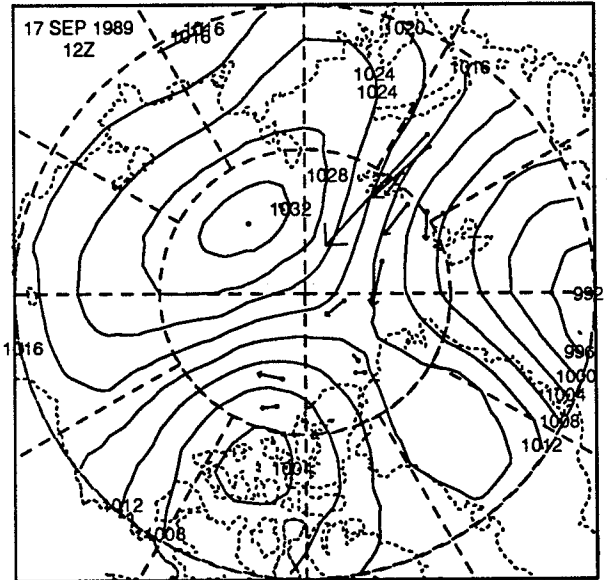
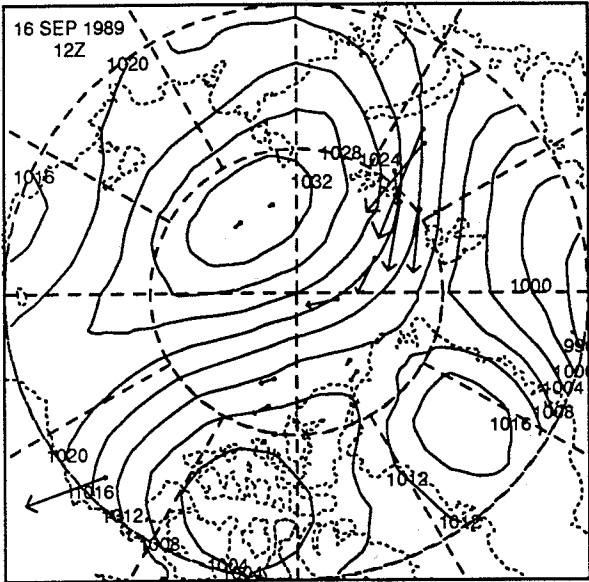


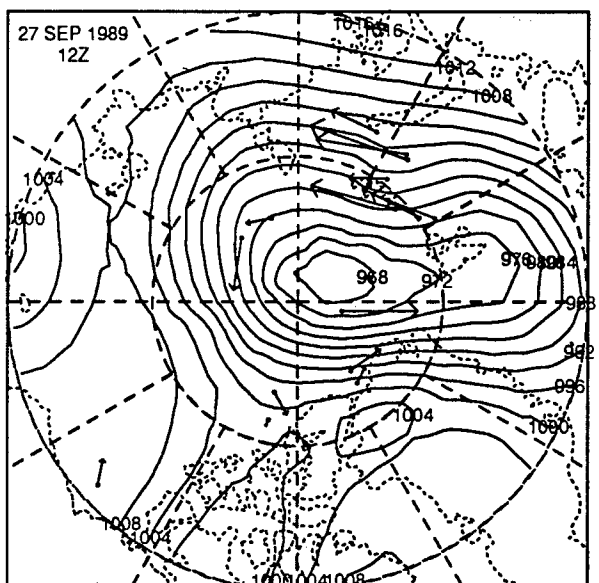
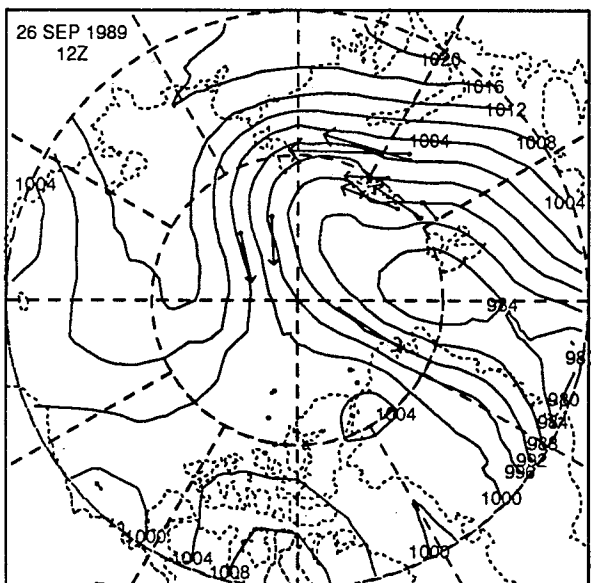
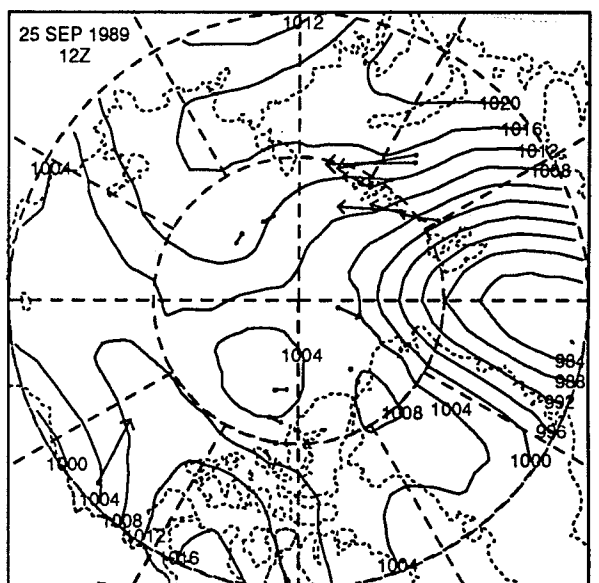
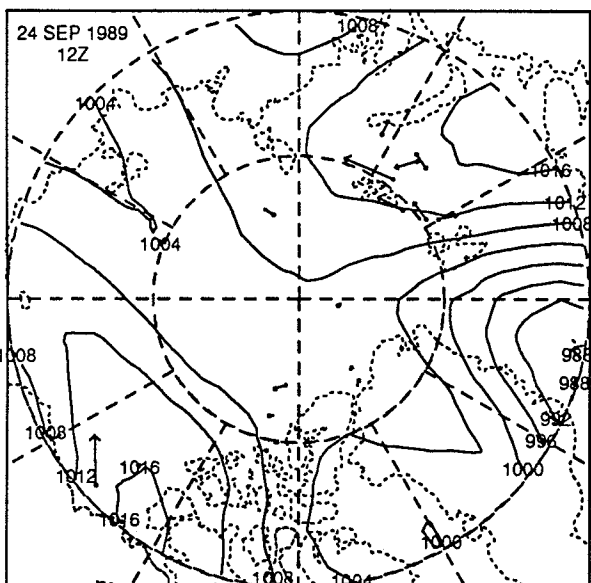
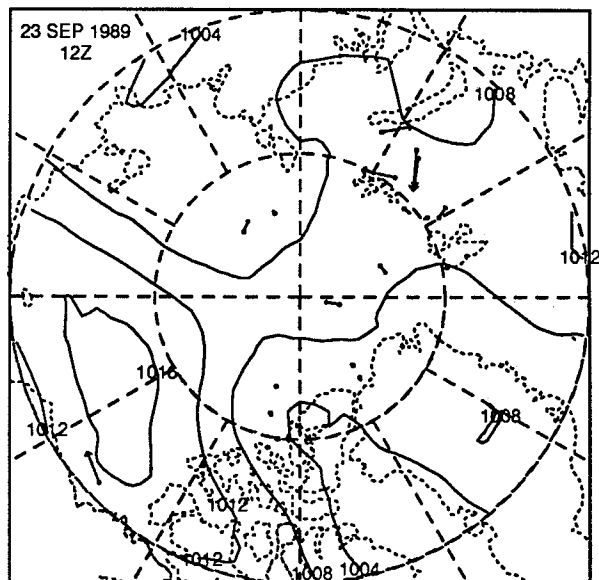
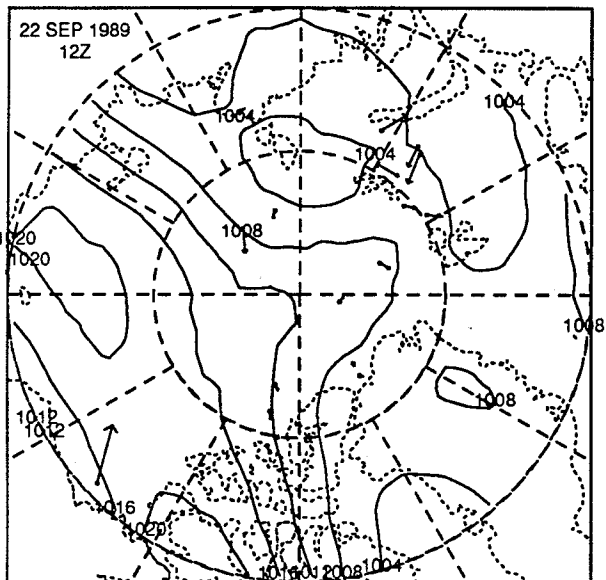
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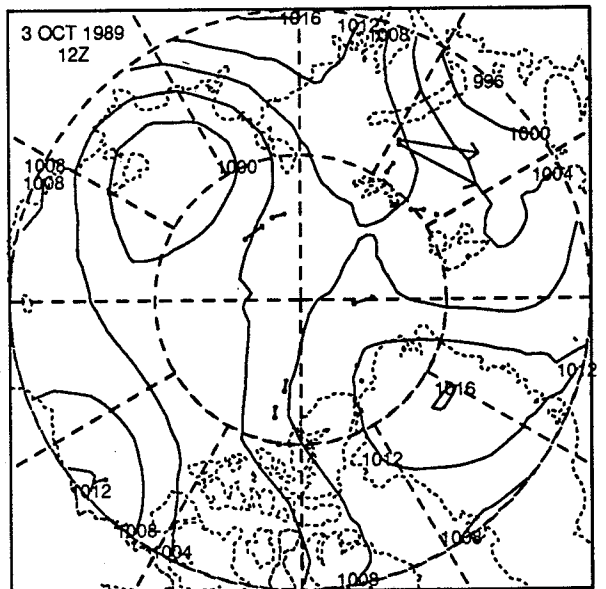
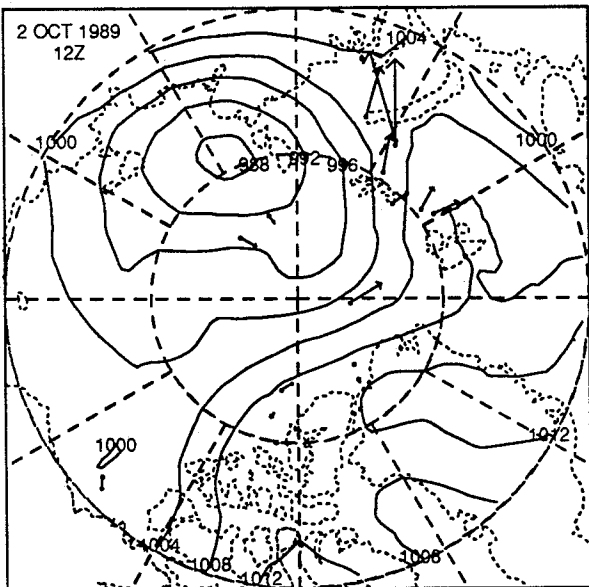
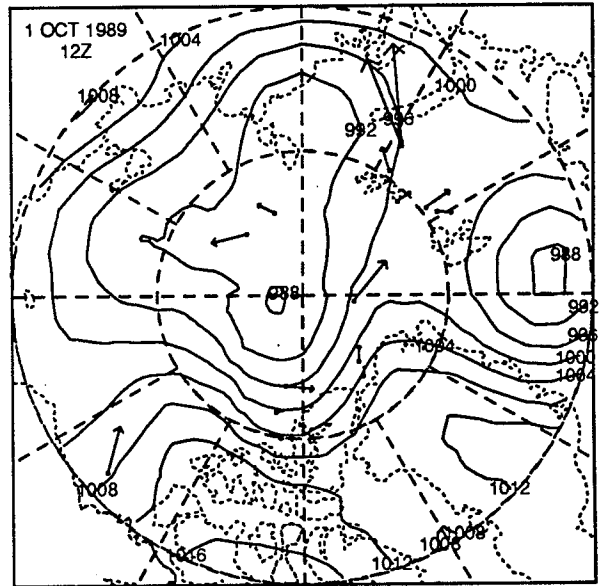
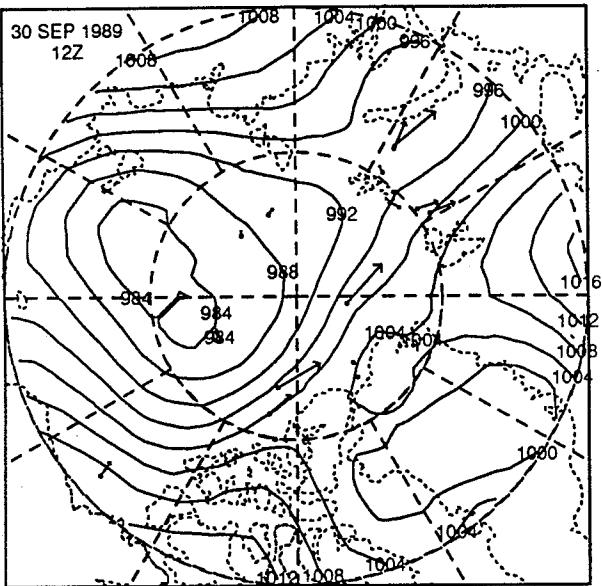
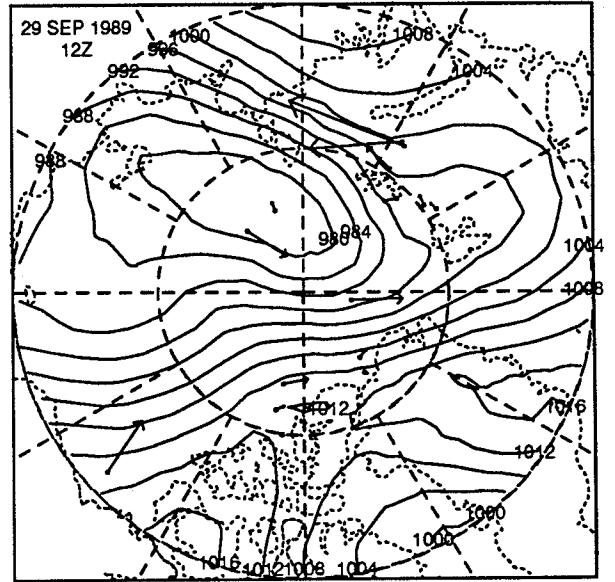
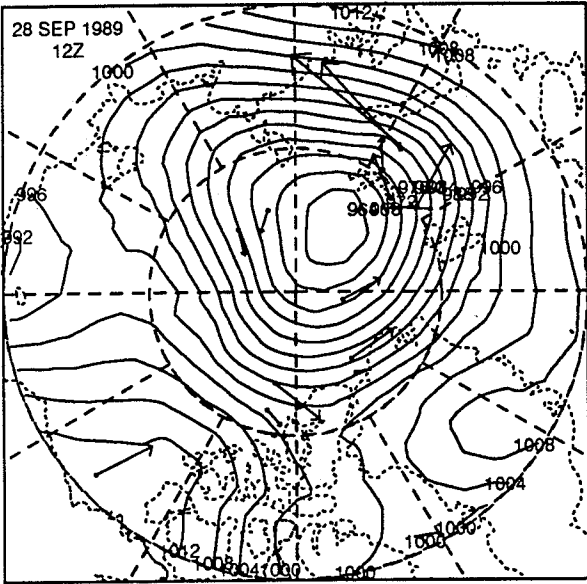


10 SEP 1989 - 15 SEP 1989

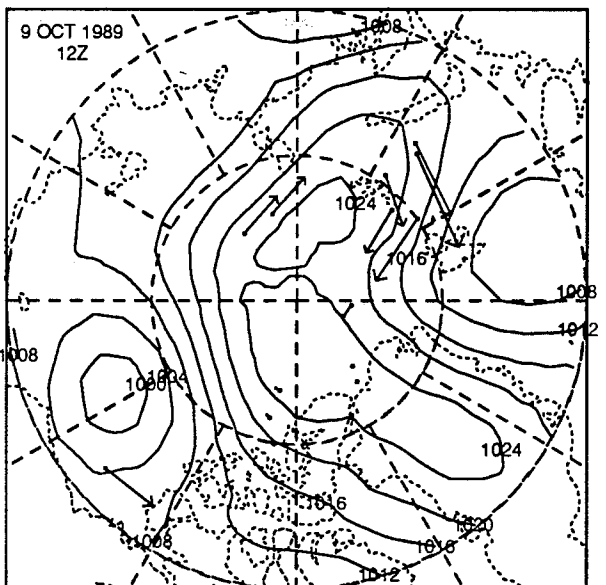
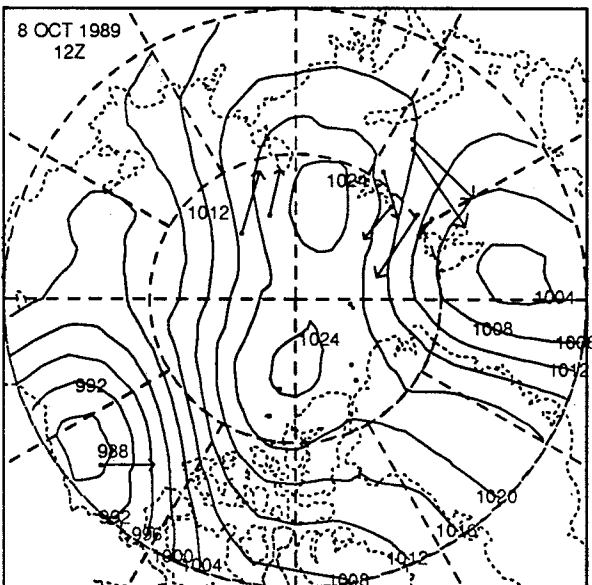
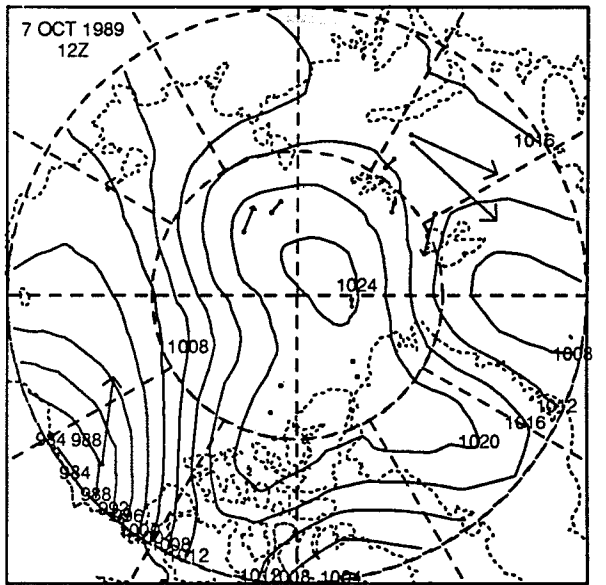
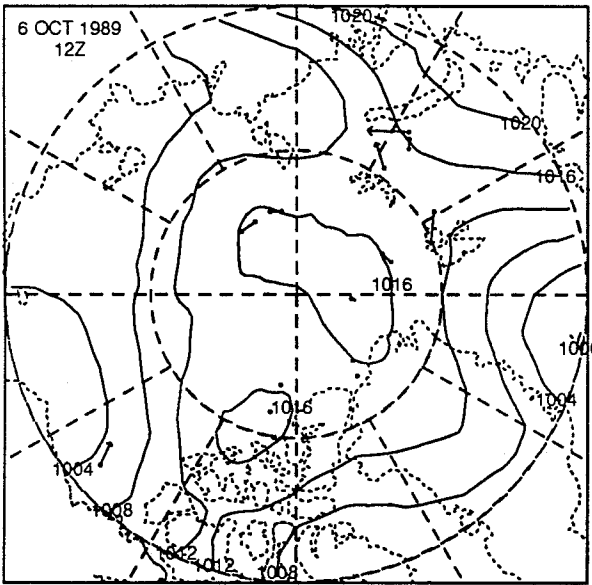
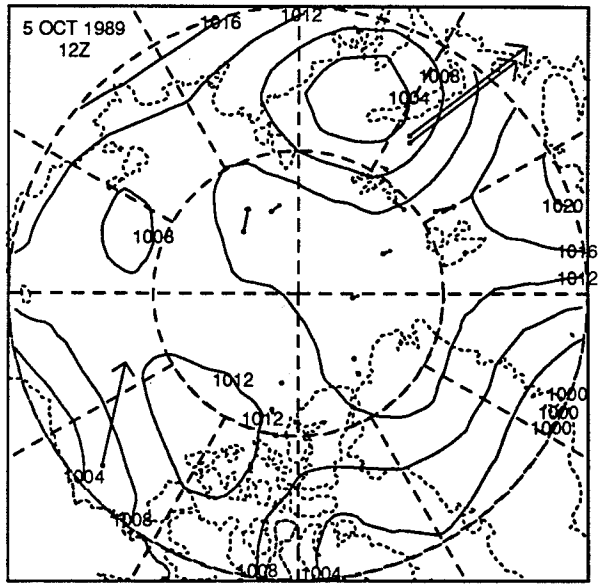
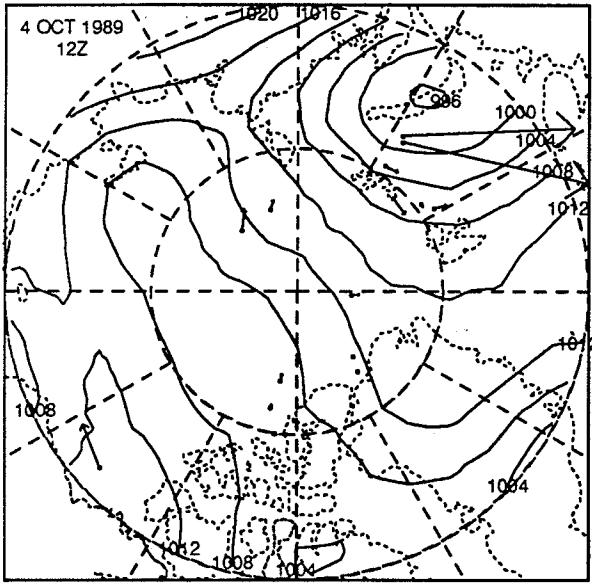




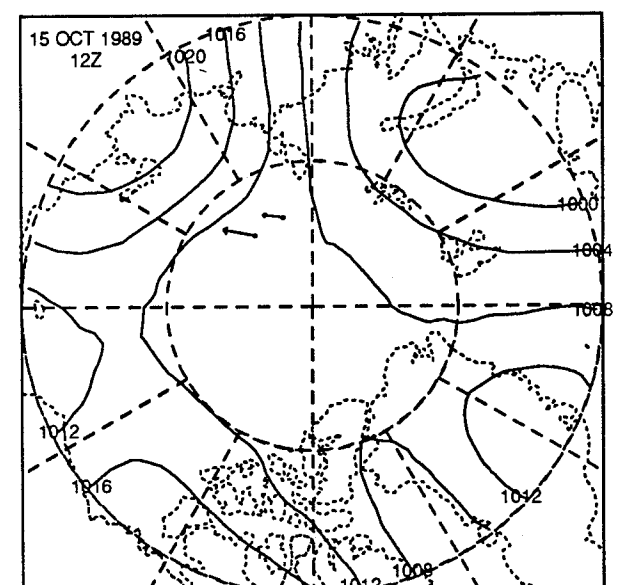
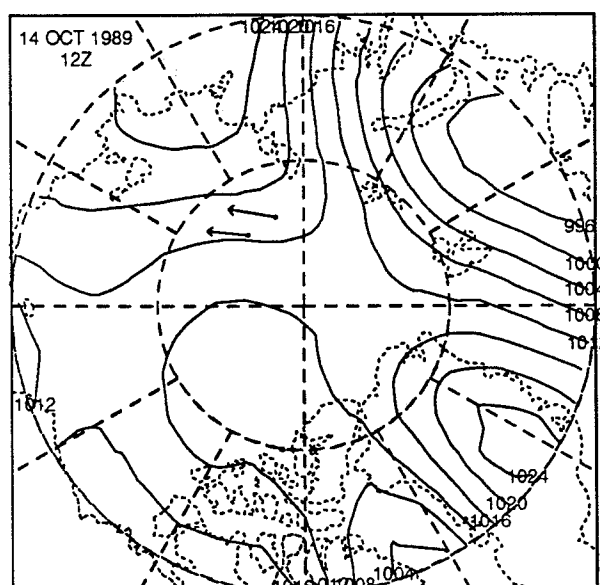
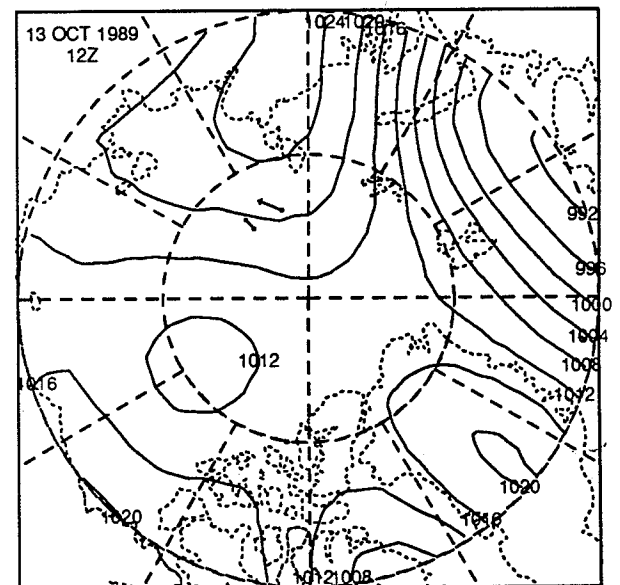
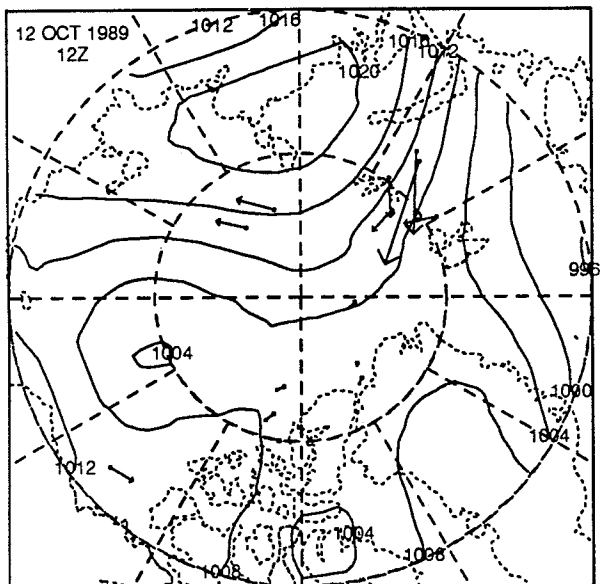
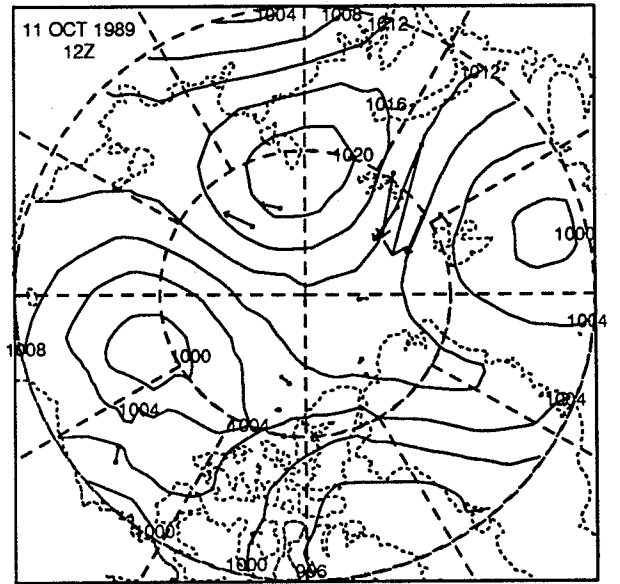
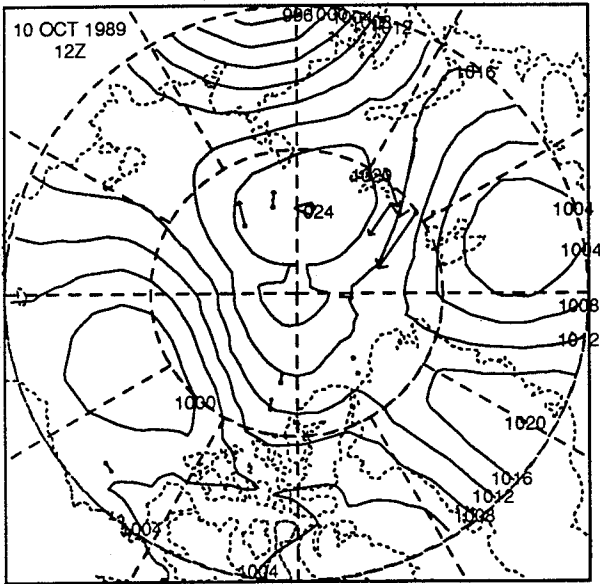




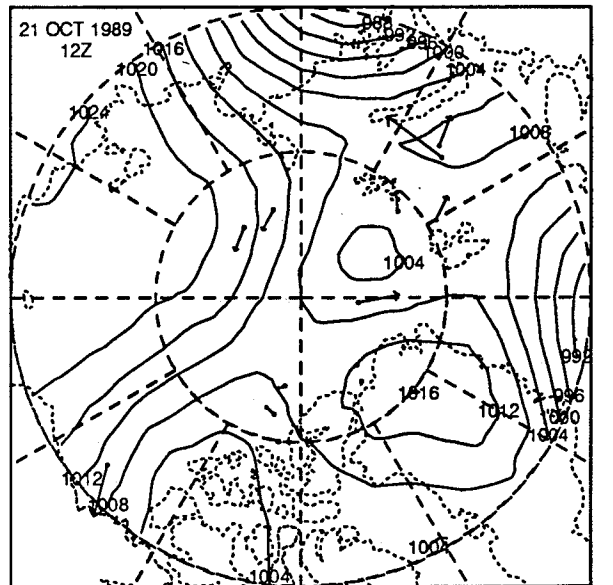
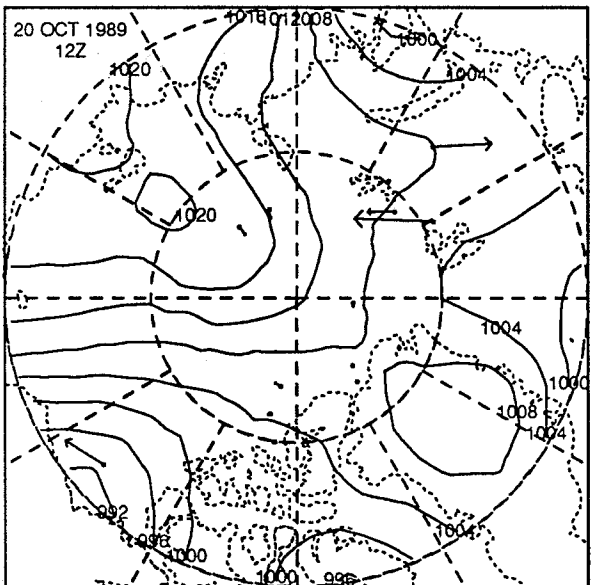
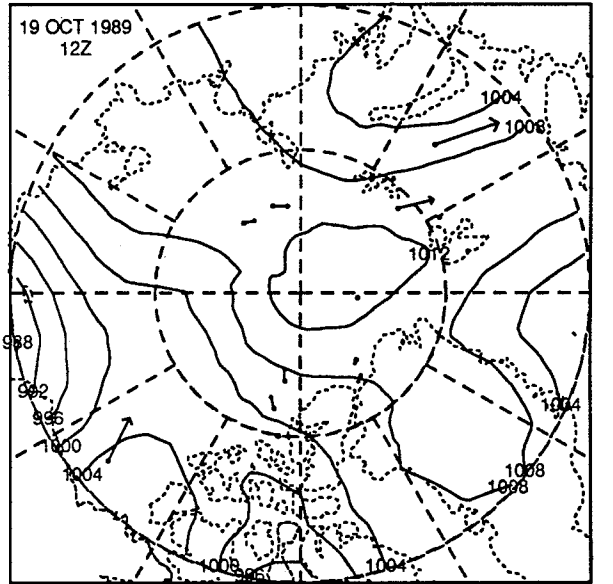
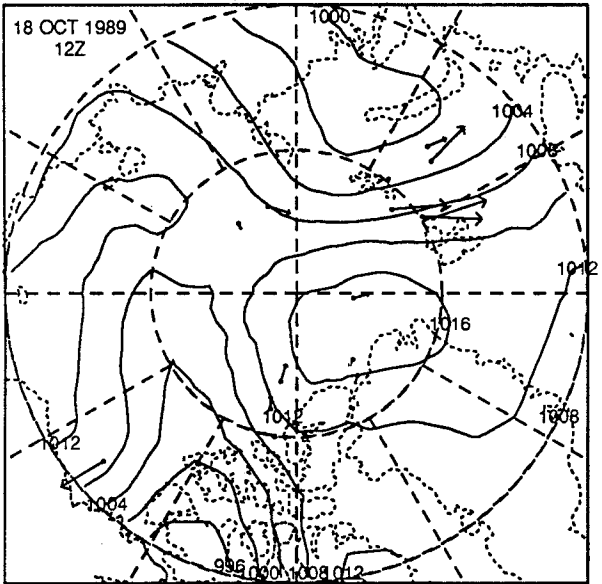
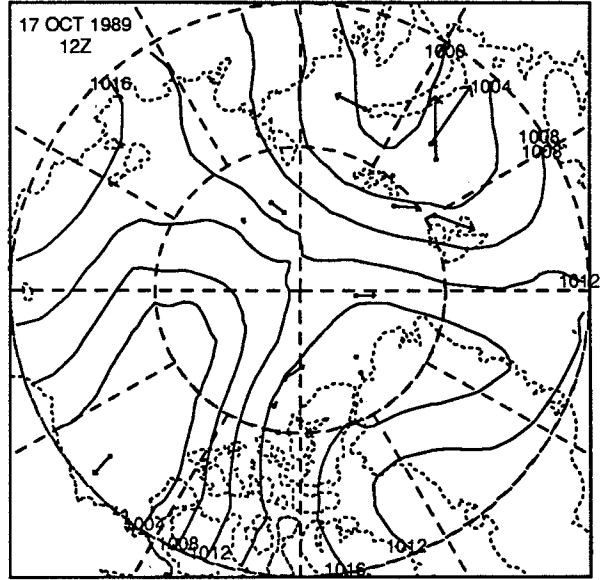
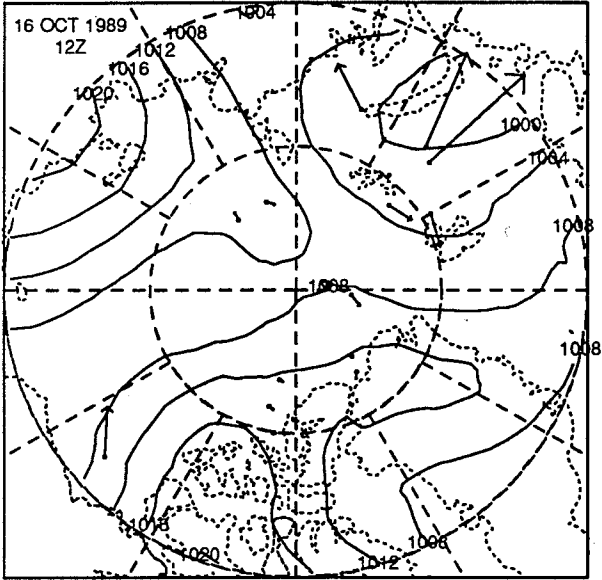
4 OCT 1989 - 9 OCT 1989

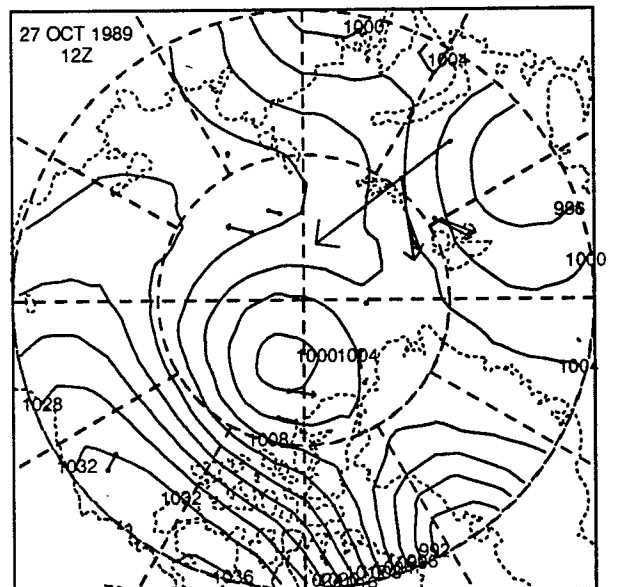
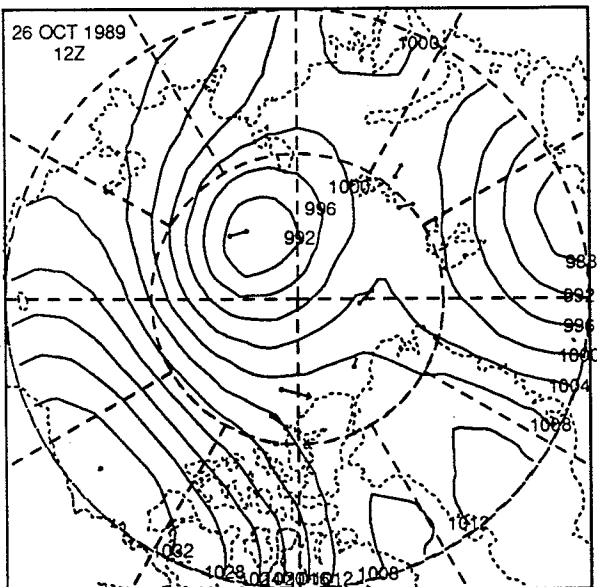
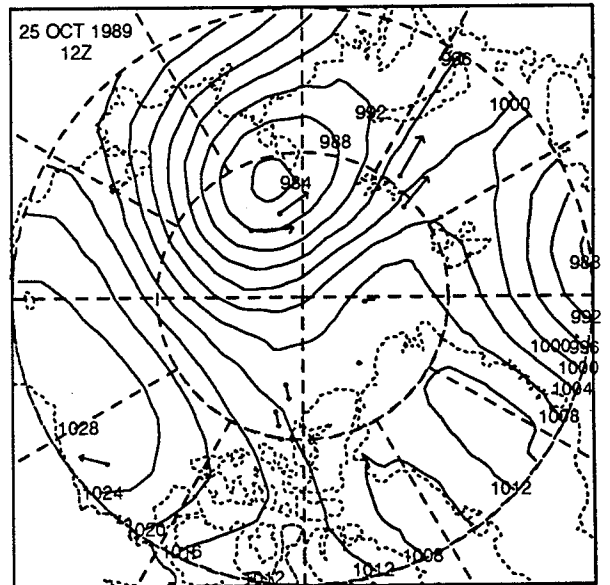
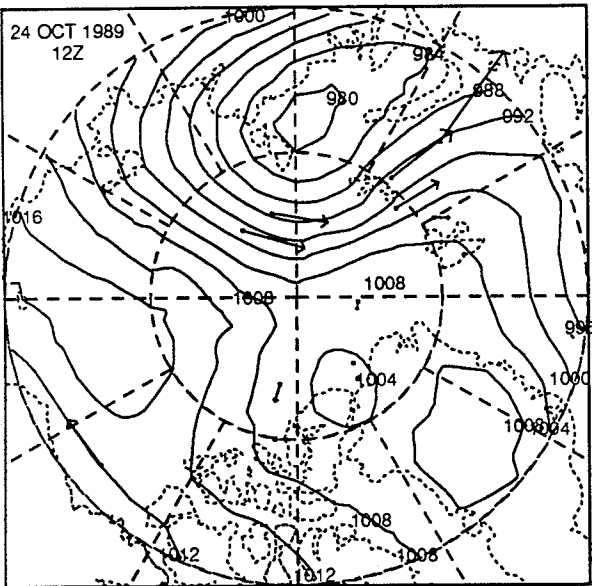
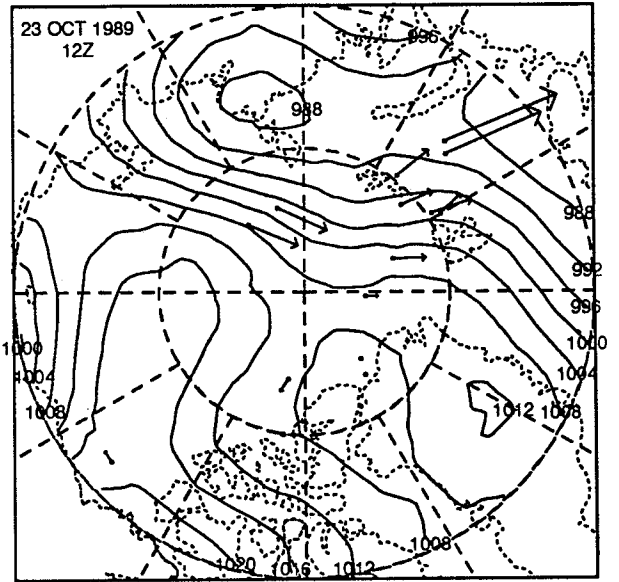
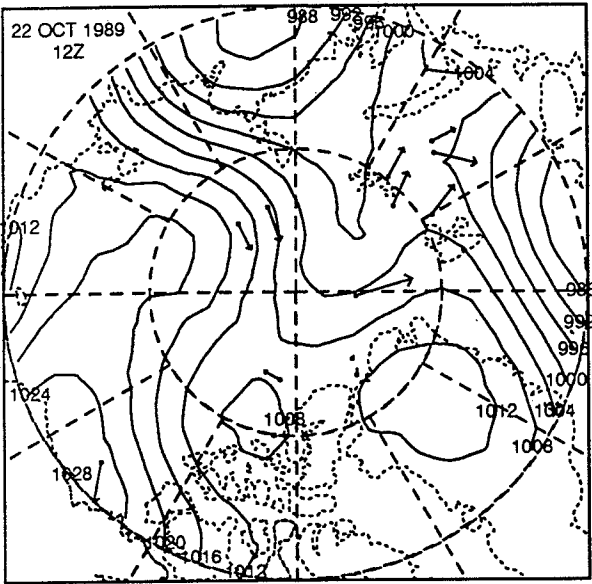


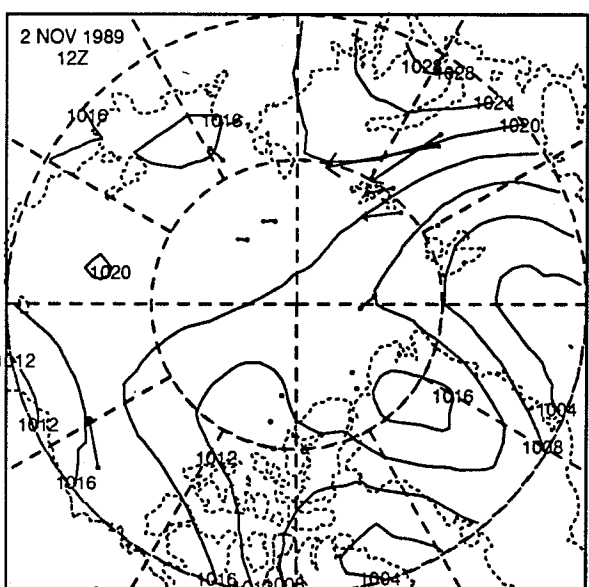
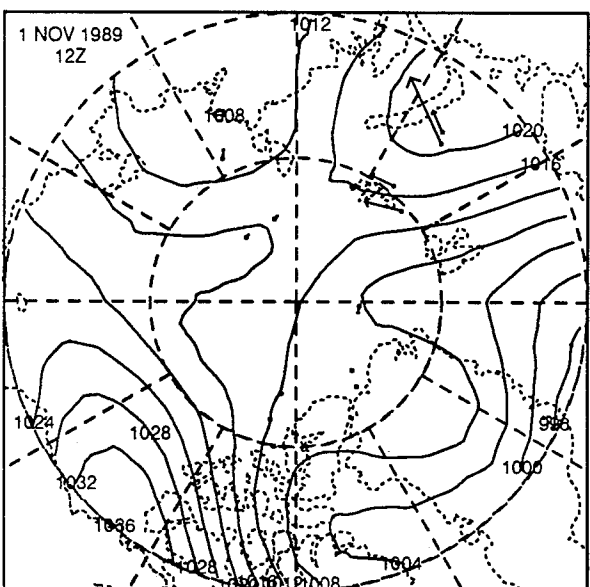
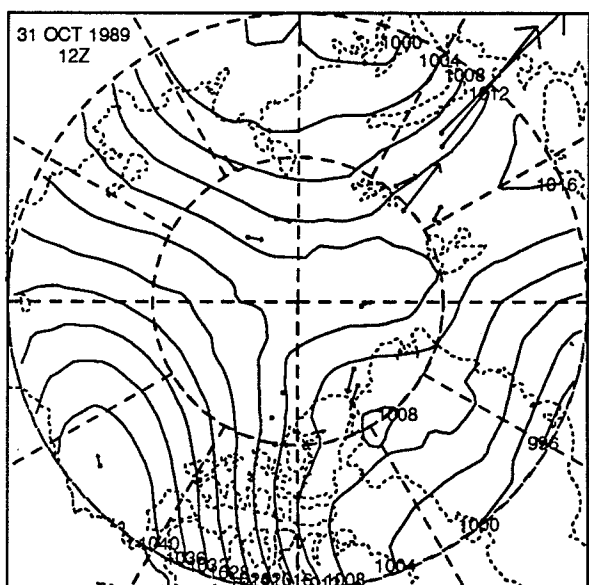
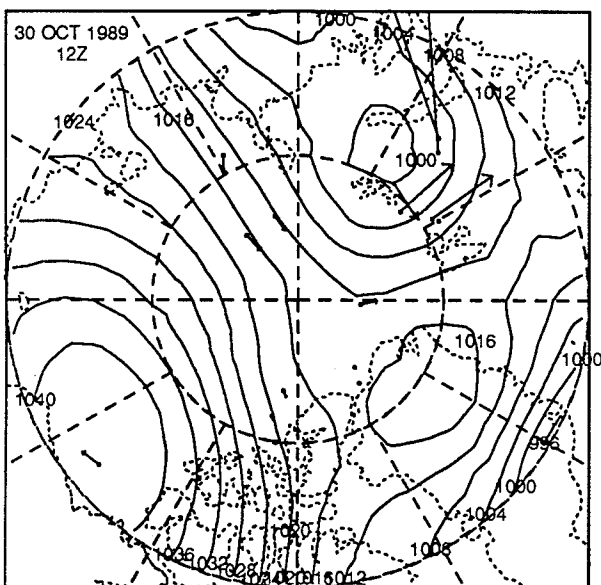
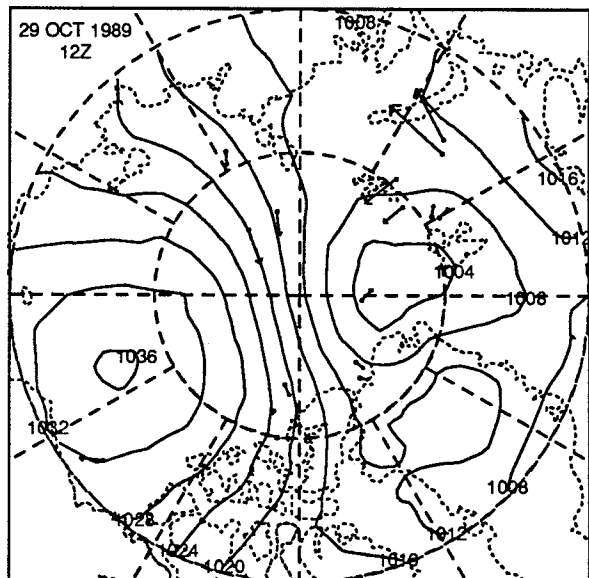
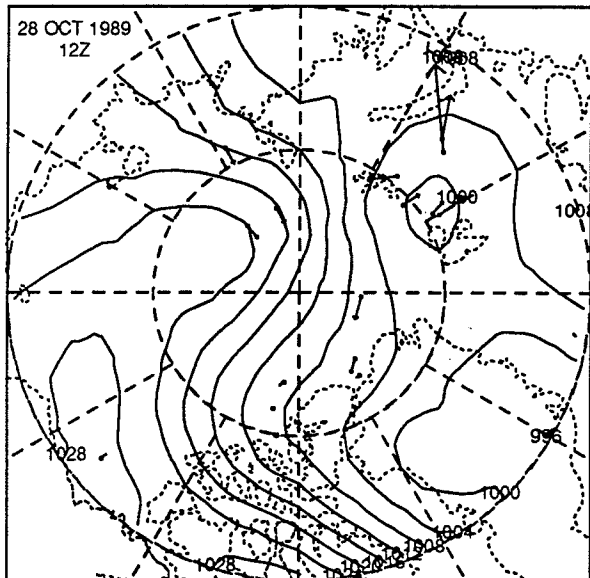
10 OCT 1989 - 15 OCT 1989



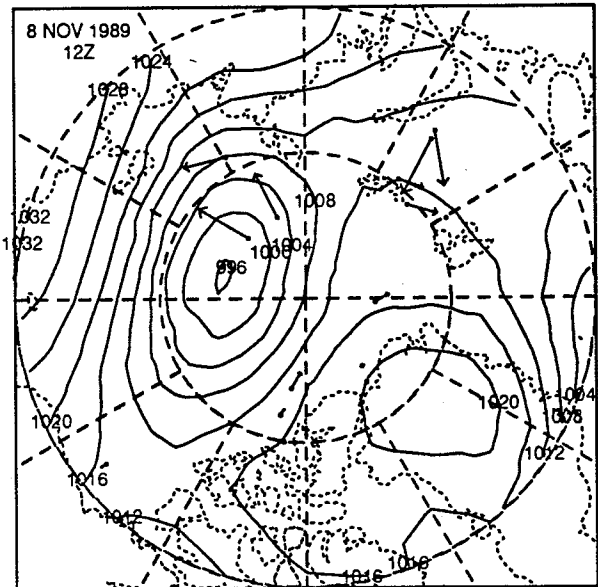
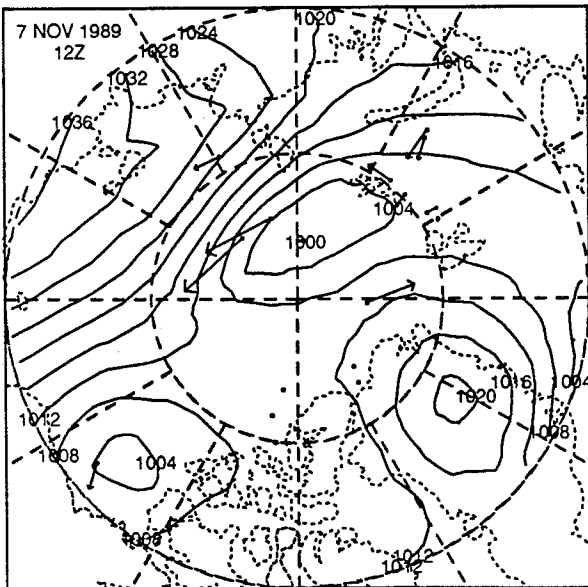
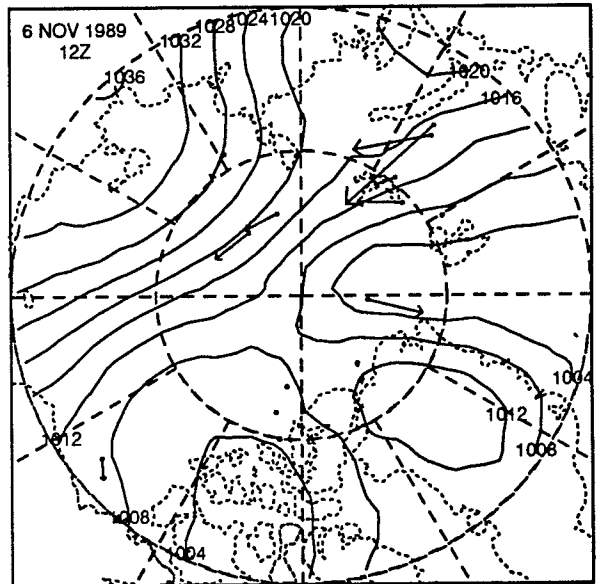
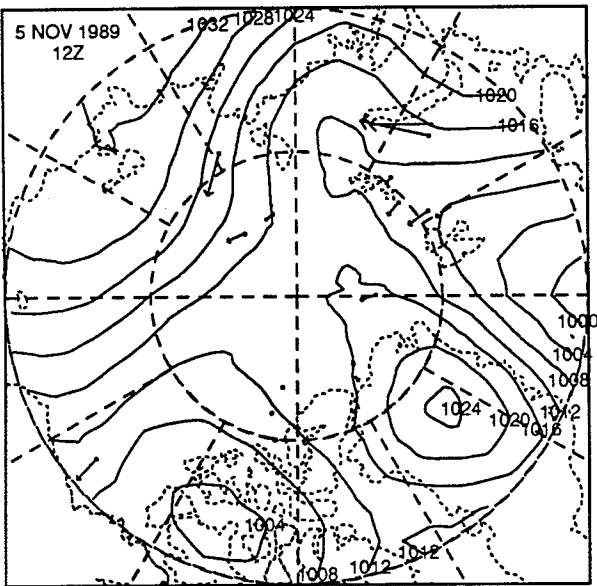
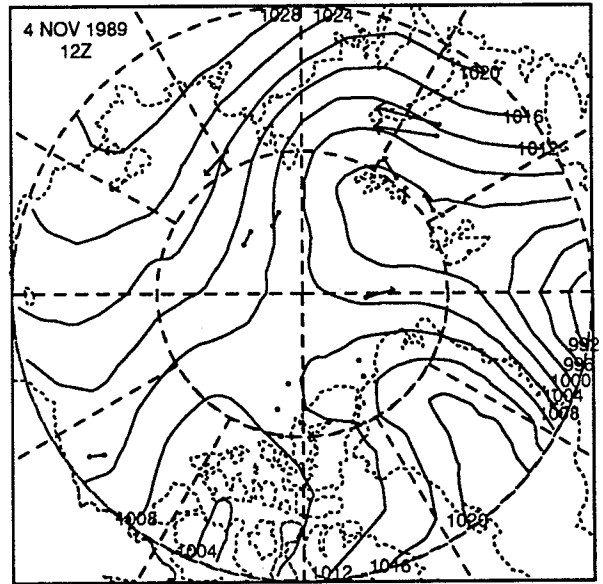
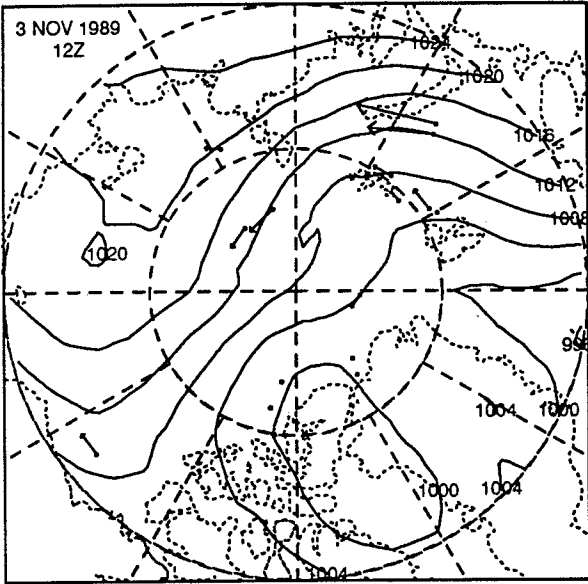
16 OCT 1989 - 21 OCT 1989

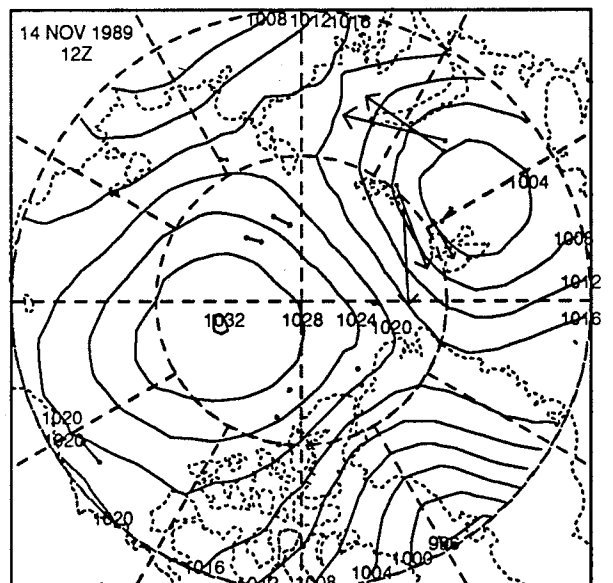
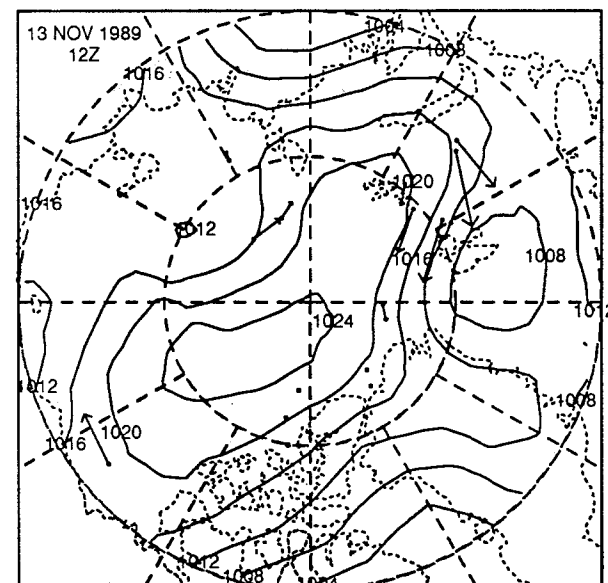
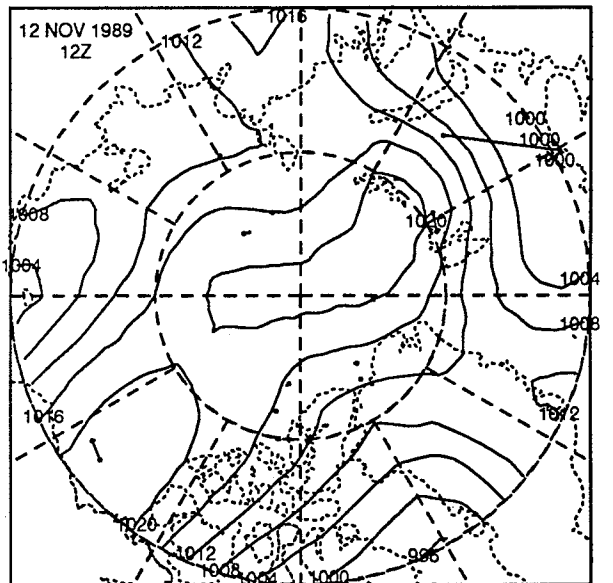
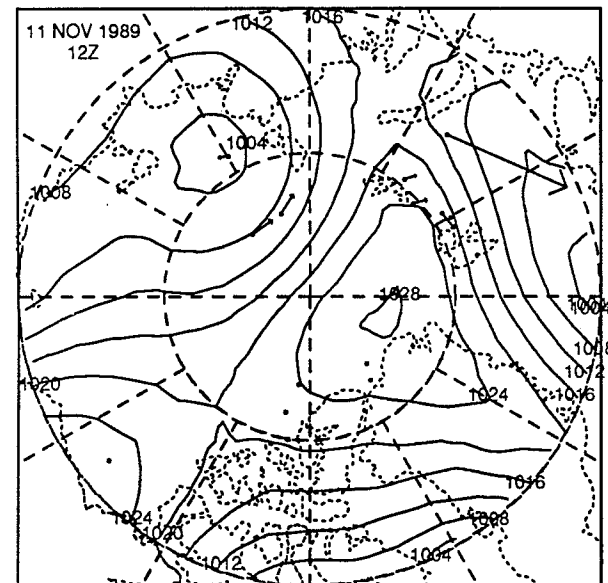
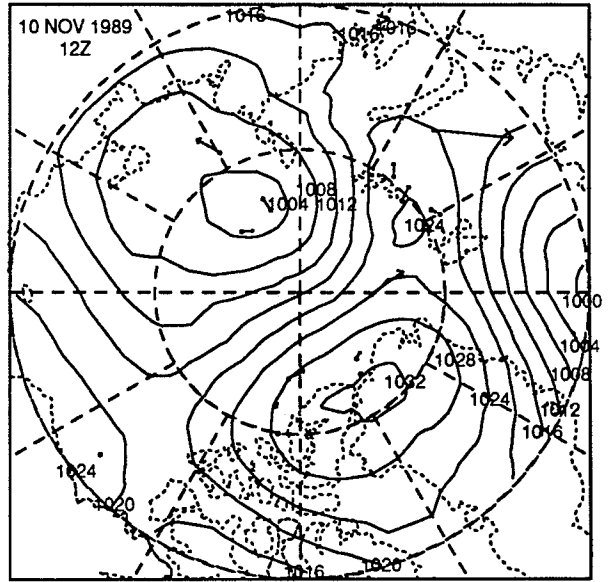
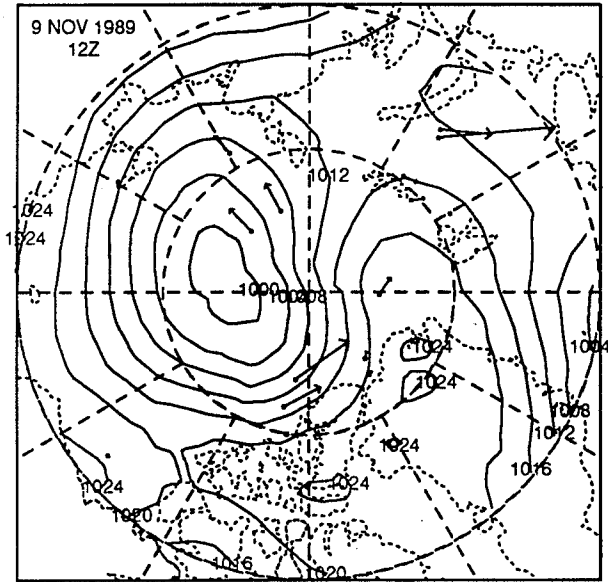


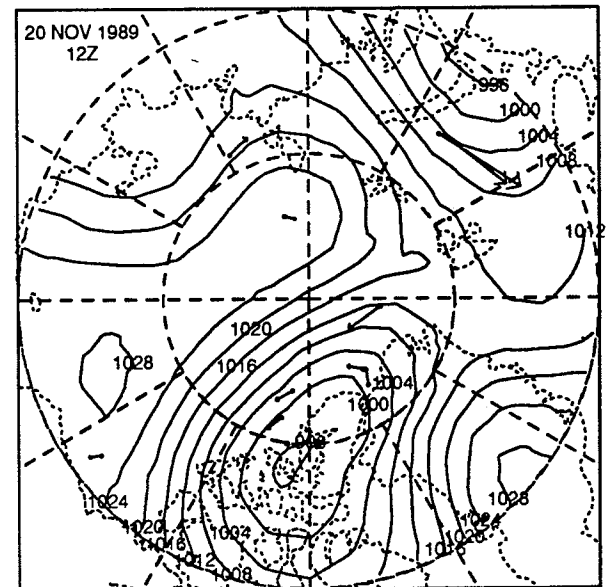
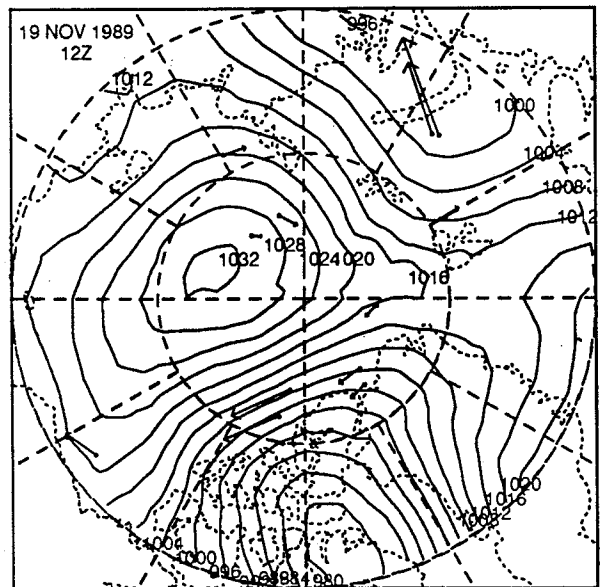
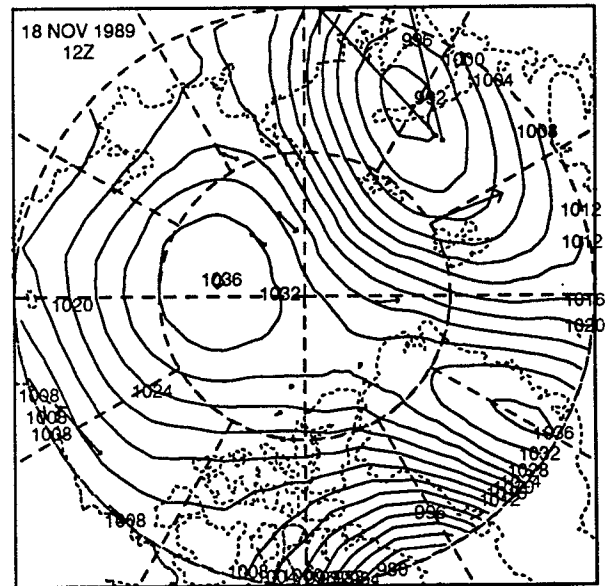
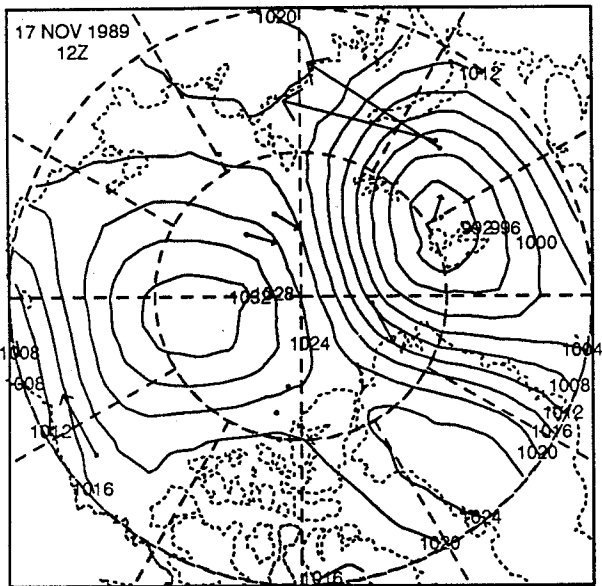
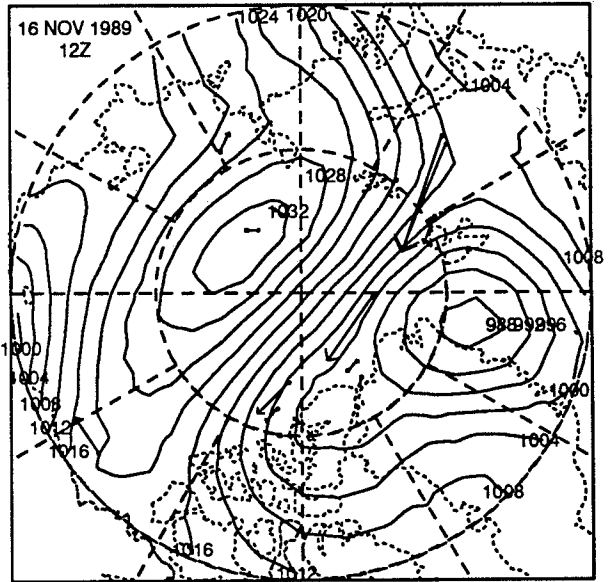
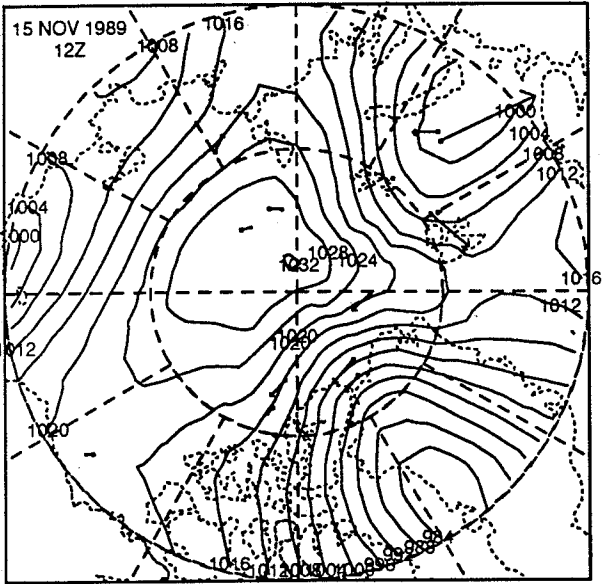


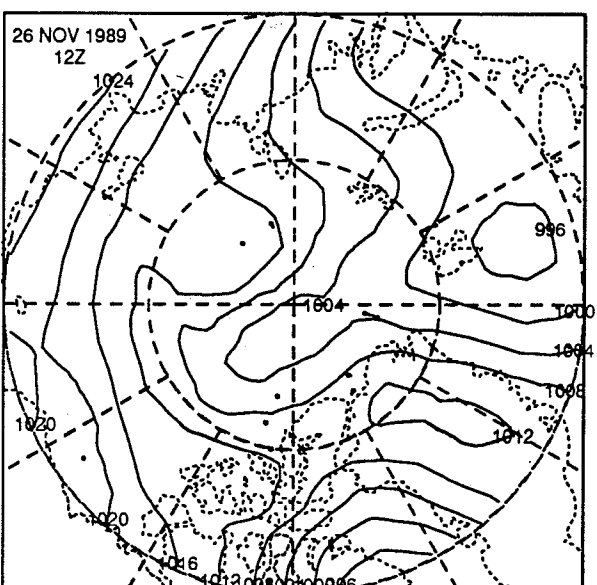
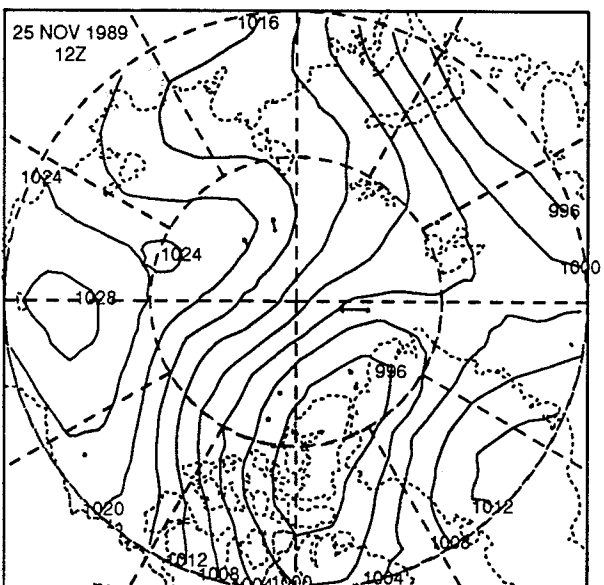
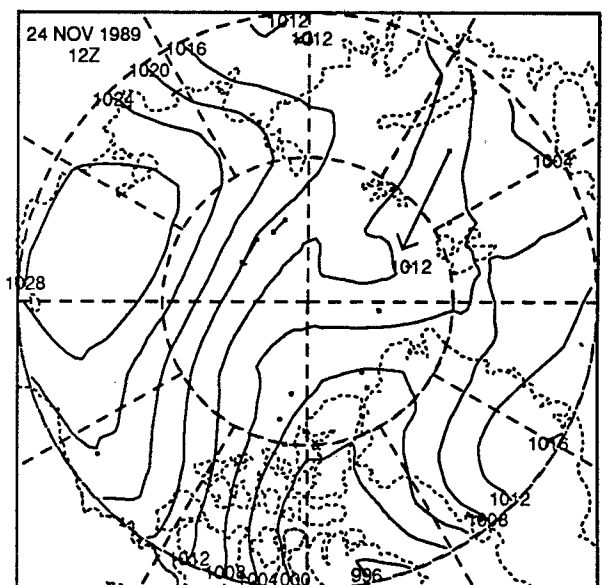
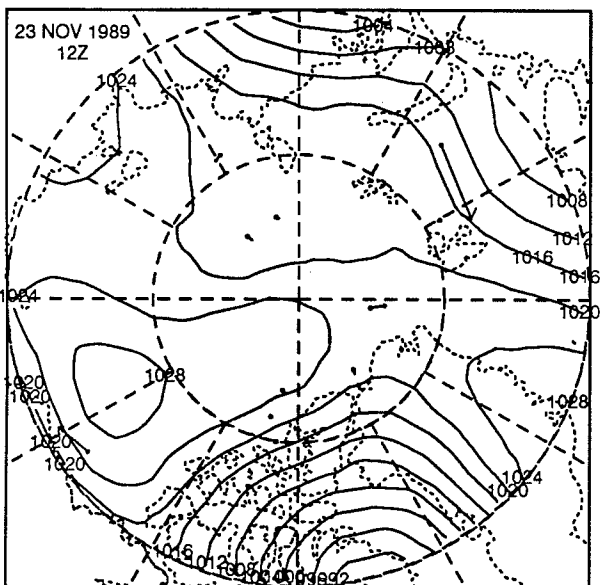
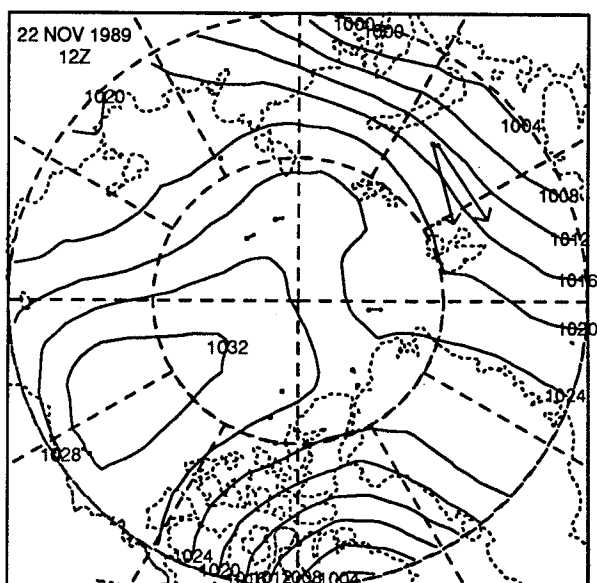
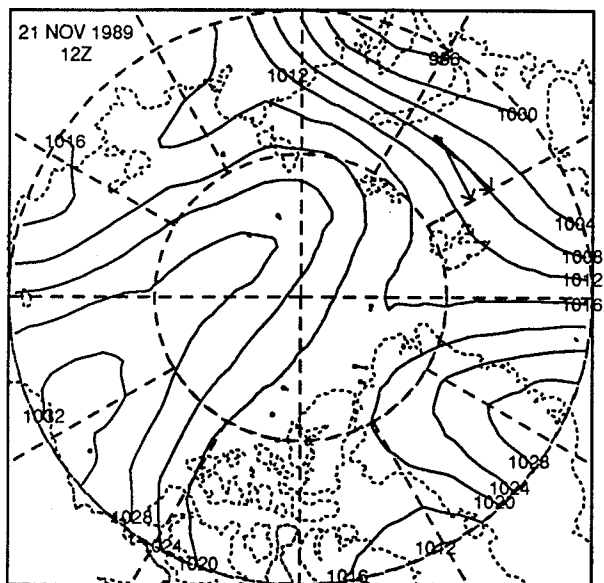


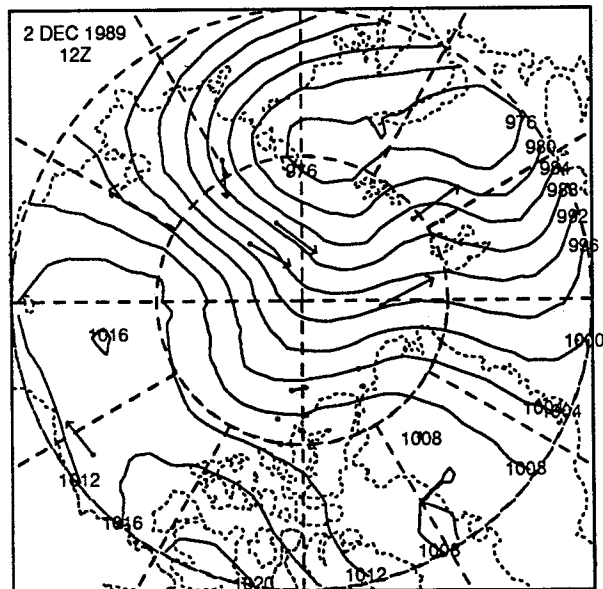
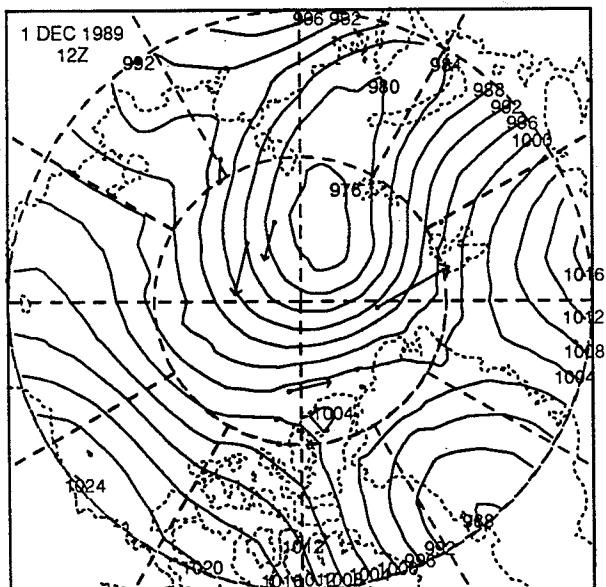
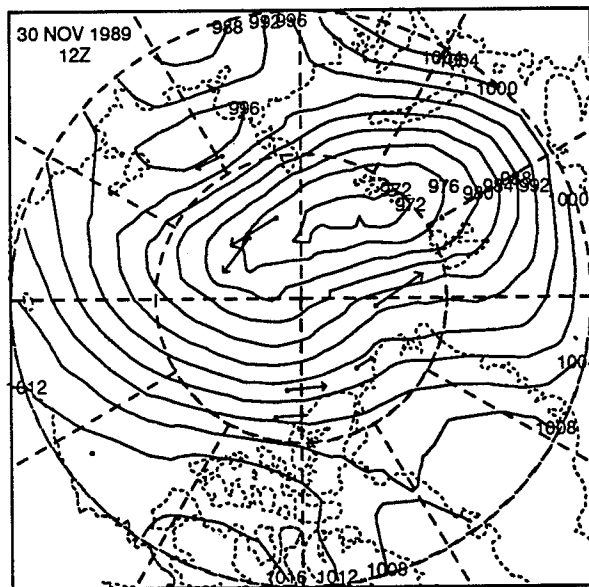
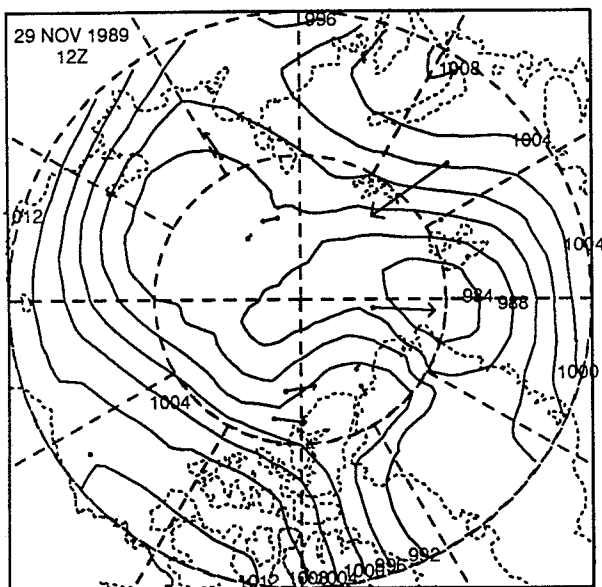
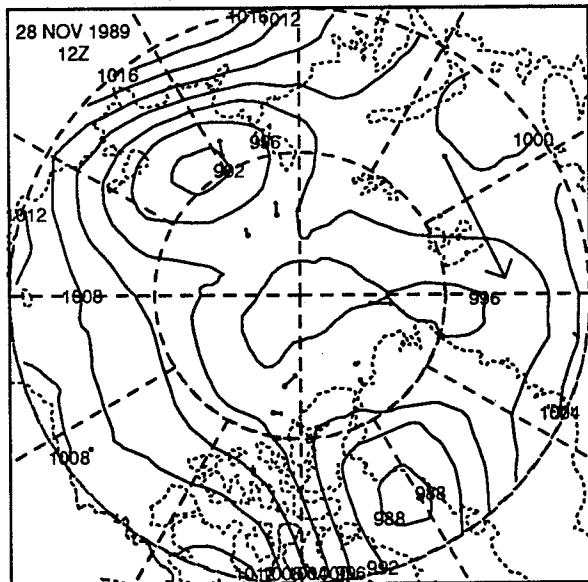
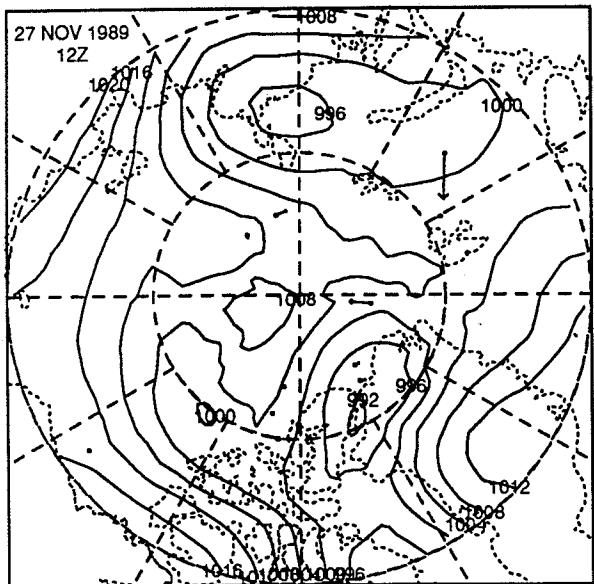
3 NOV 1989 - 8 NOV 1989

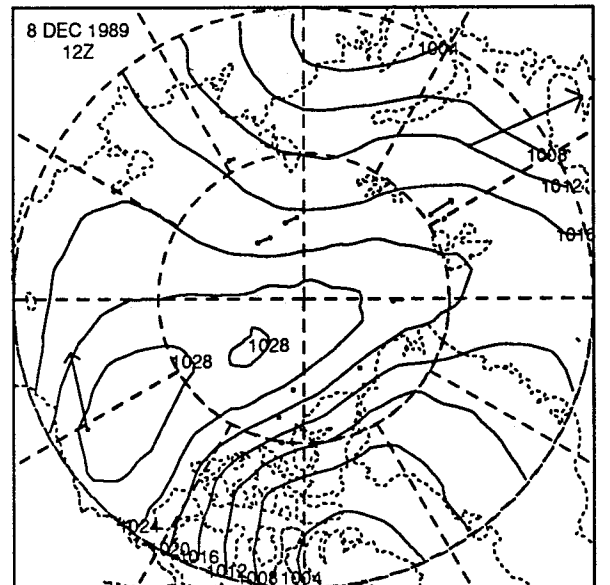
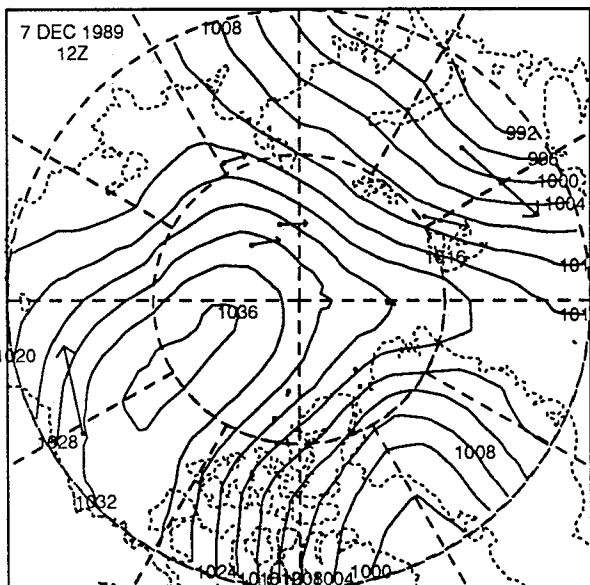
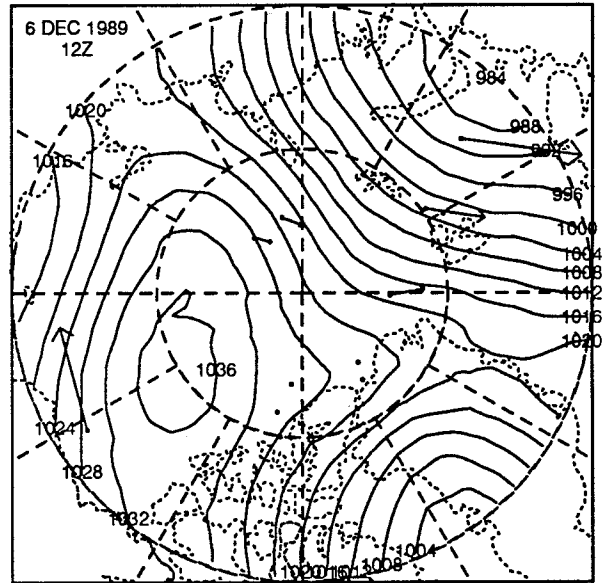
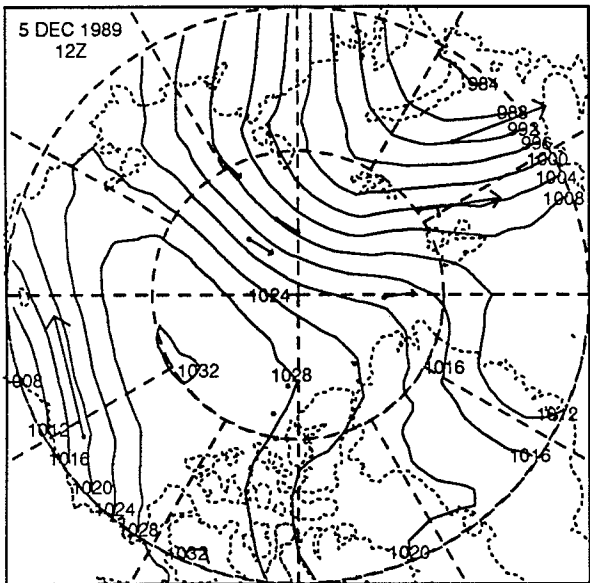
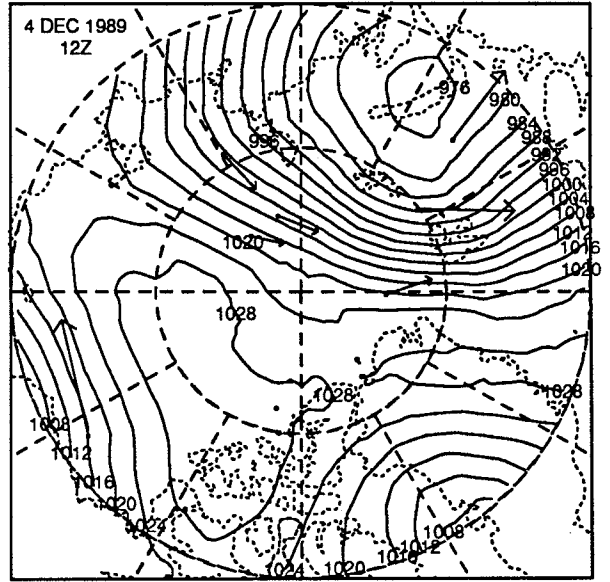
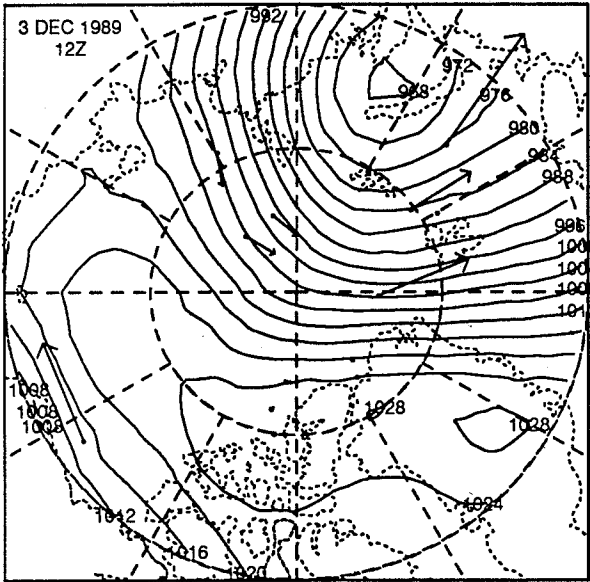


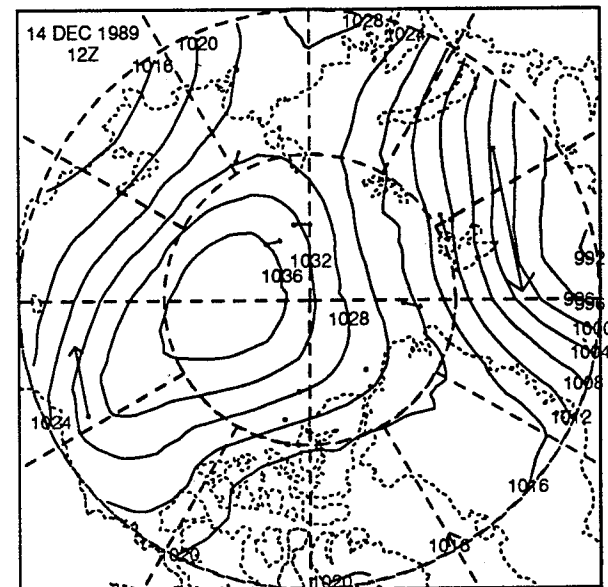
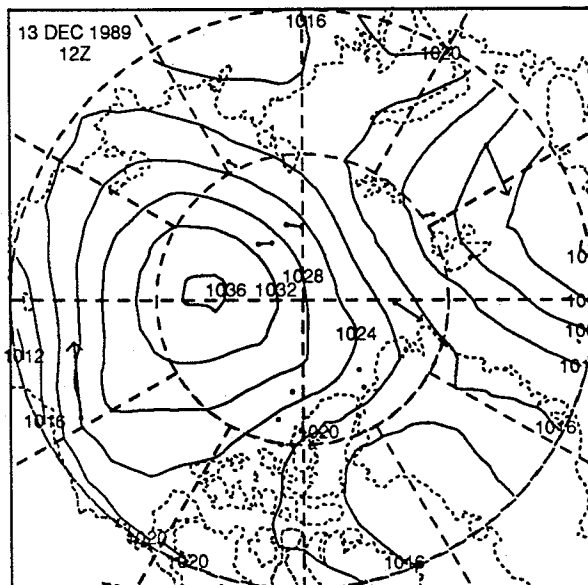
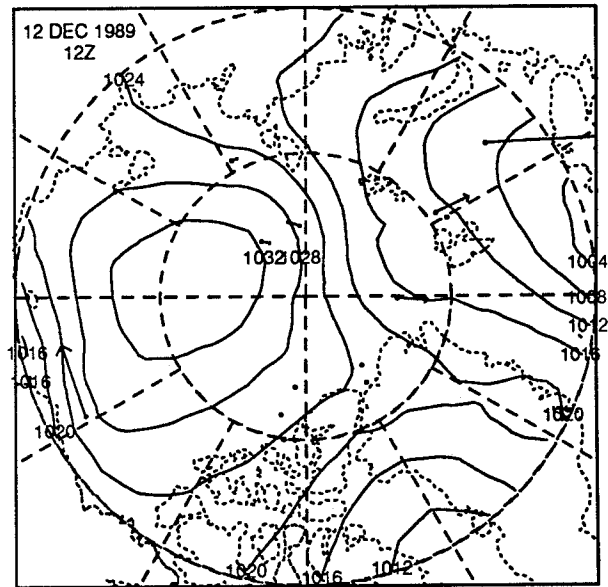
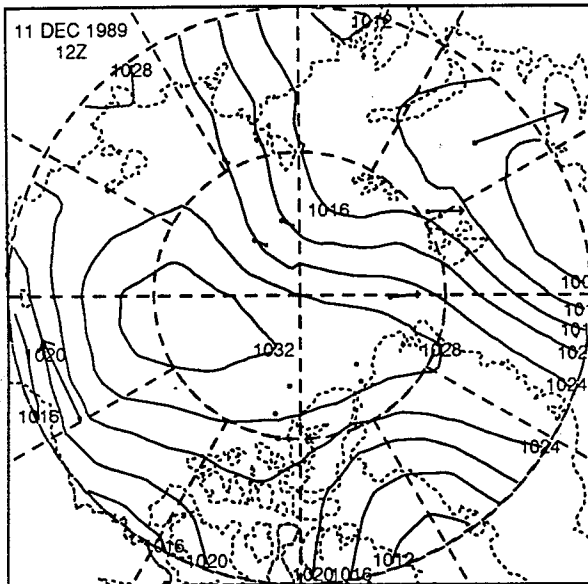
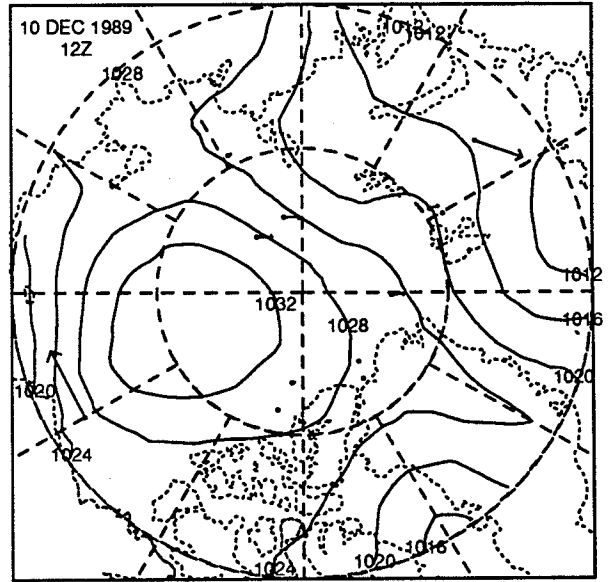
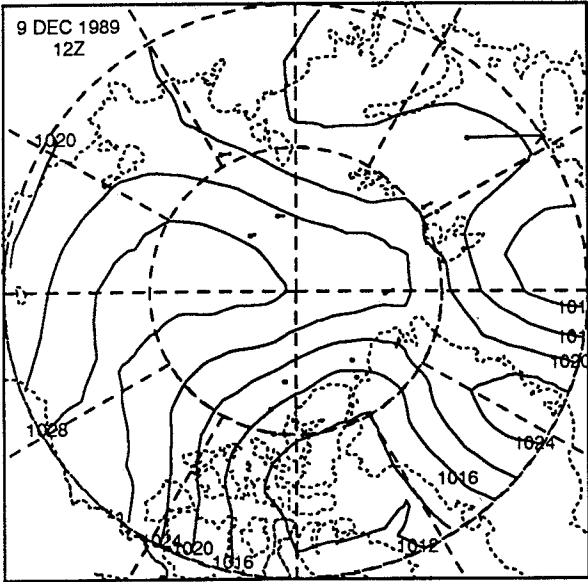


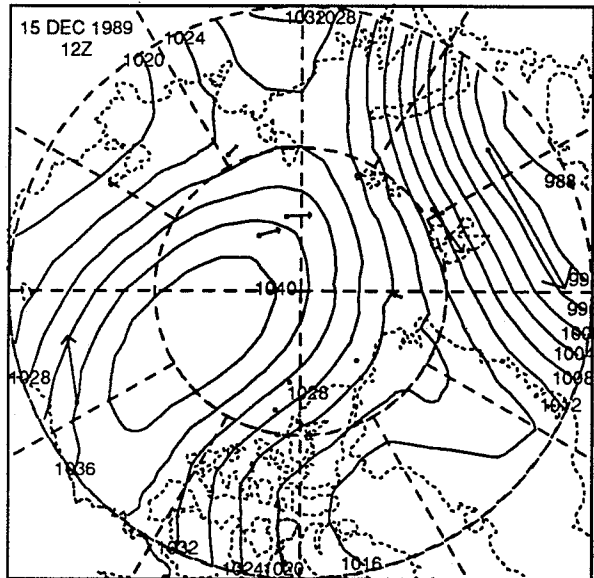


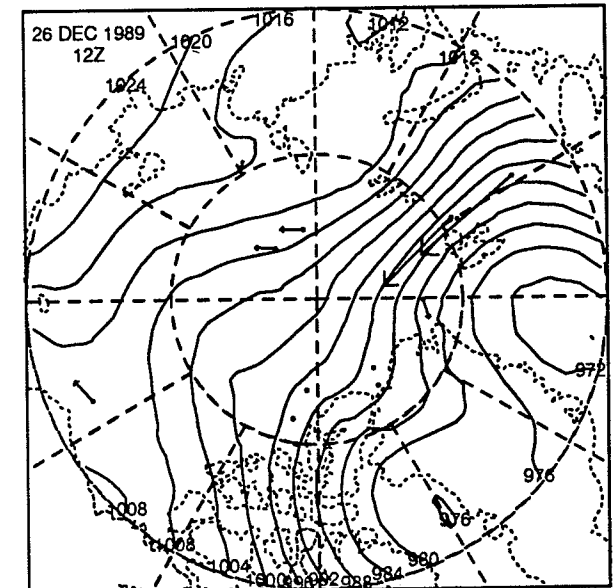
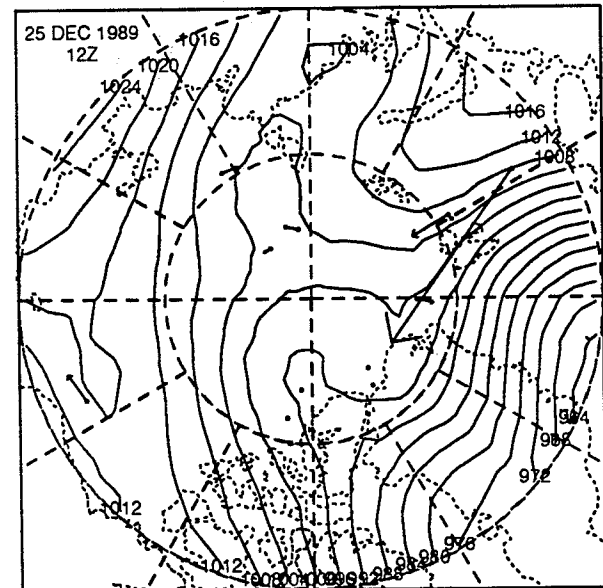
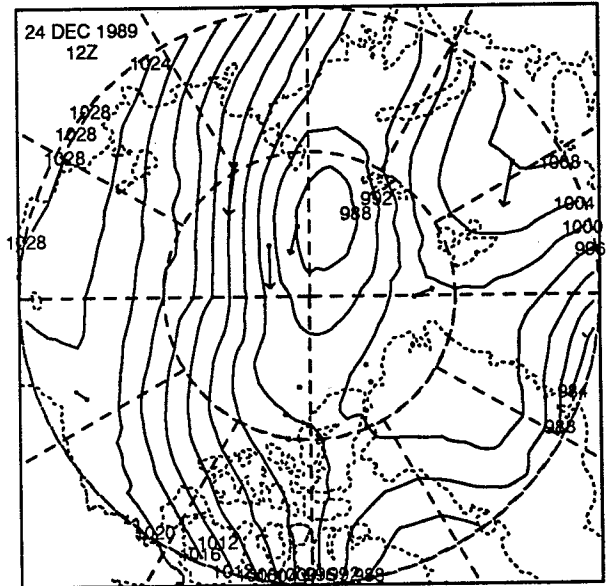
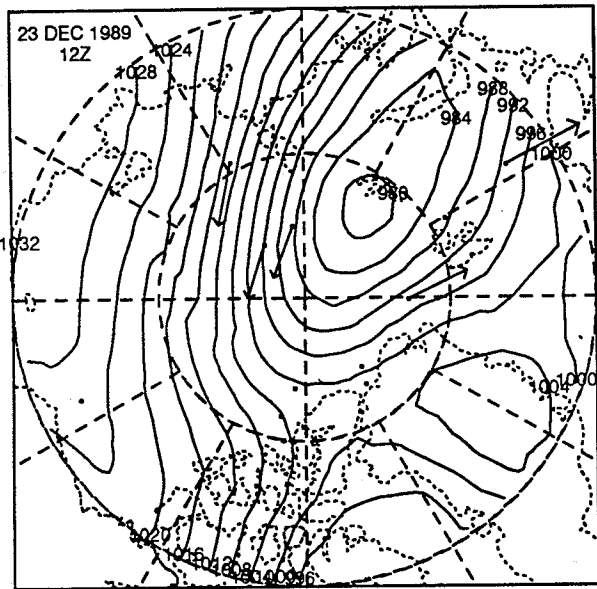
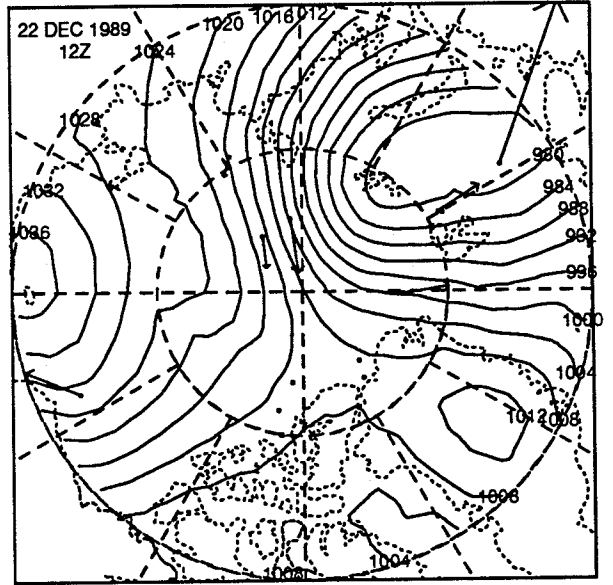
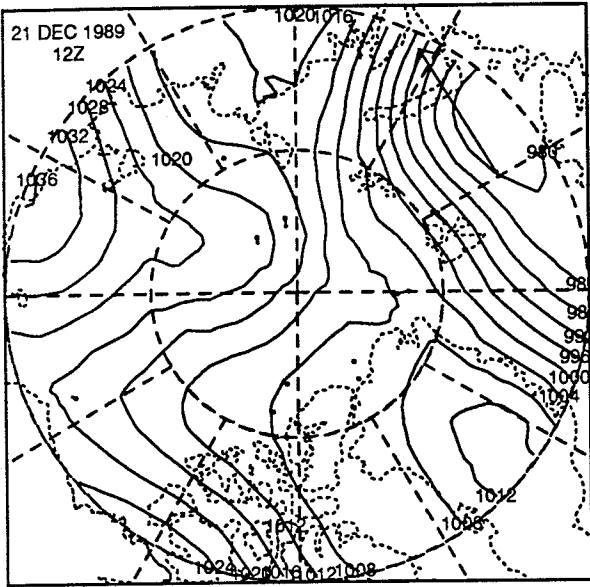


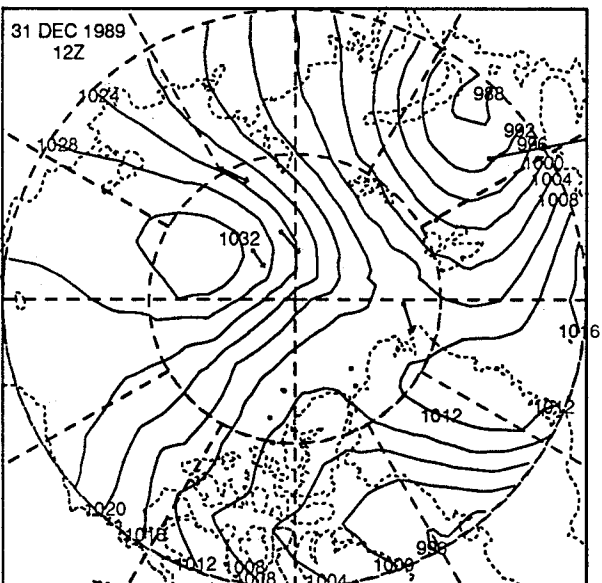
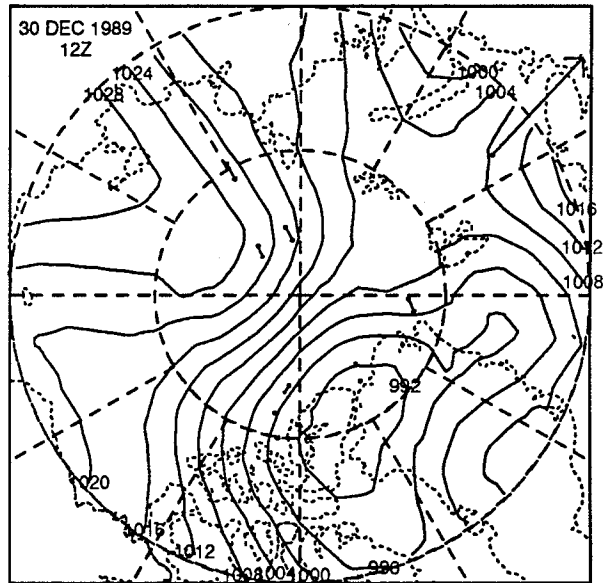
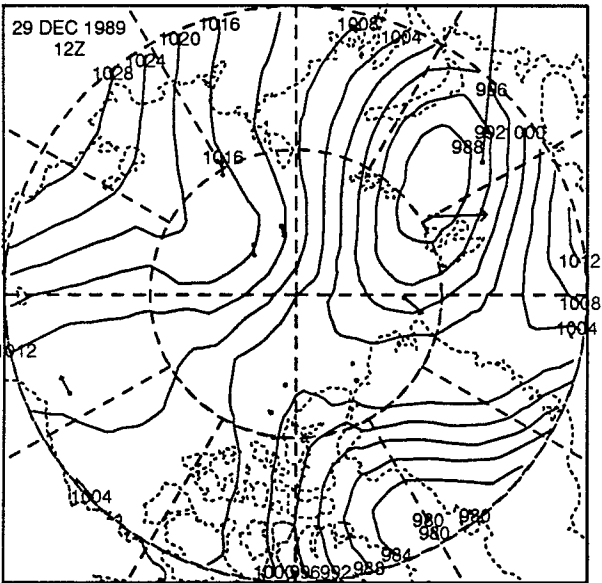
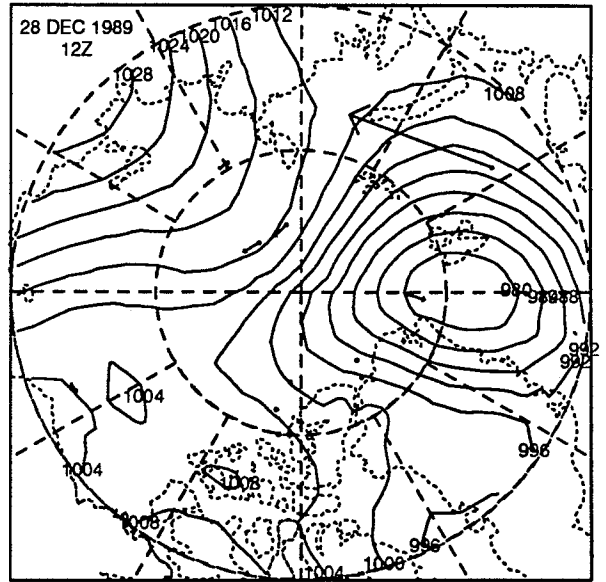
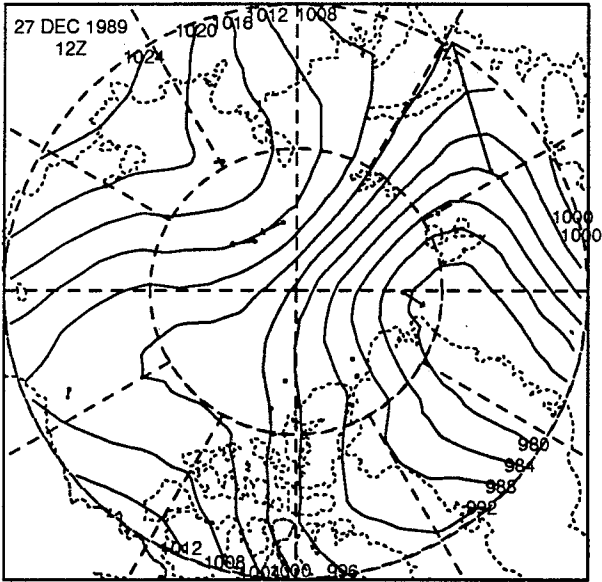












AVERAGE PRESSURE FIELDS

Average pressure fields are given for each month of 1989.

