Arctic Ocean Buoy Program

Data Report

1 January 1981 - 31 December 1981

by

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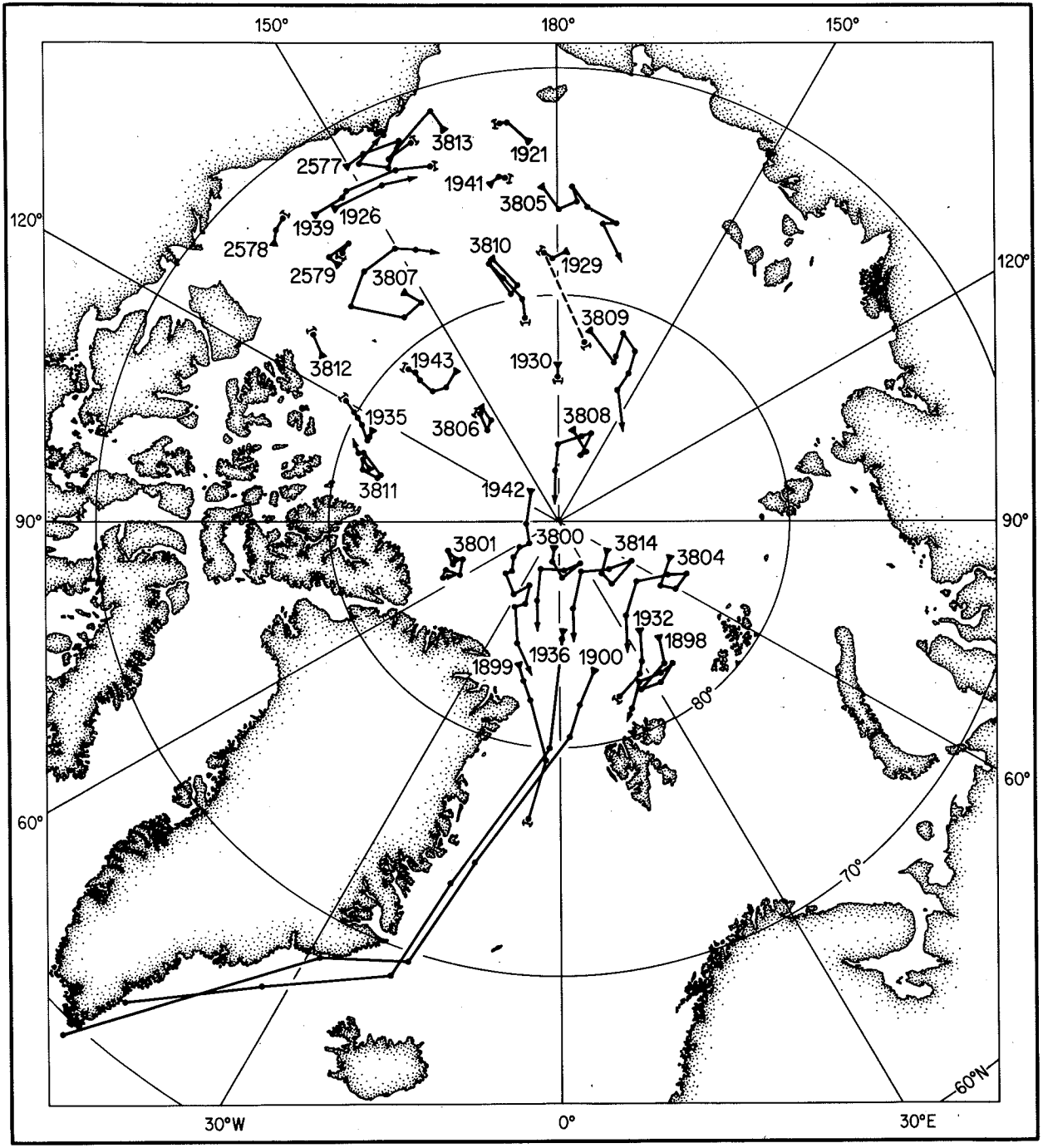
1982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1900

Acknowledgment

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Frontispiece The trajectories of each buoy are displayed by plotting the net buoy displacements for each month.

CONTENTS

I INTRODUCTION

This is the third in a series of reports containing data from the Arctic Basin Buoy Program. The data include the ice motion, atmospheric pressure, and temperature over the Arctic Ocean. This report covers the period 1 January 1981 through 31 December 1981. Additional copies of the data reports are available from the authors, upon request.

This report includes data from a number of automatic data buoys deployed on sea ice in the Arctic Ocean. Most of the buoys were deployed as part of the Arctic Basin Buoy Program, by the Polar Science Center of the University of Washington. During 1981, this program was coordinated with research and monitoring activities of the Norwegian Polar Institute, the Norwegian Meteorological Institute, the United States Coast Guard, and the Canadian Atmospheric Environment Service.

II MEASUREMENT PROGRAM

Deployments: Buoys with identification numbers 1929, 1930, 1932, 1934, 1935, 1936, 1939, 1941, 1942, and 1943 were deployed in 1980 and continued to operate into 1981. The schedule of buoy deployments in 1981 was approximately as follows:

1. 23 March. Norwegian buoy 1900 was deployed at research station Fram III.
2. 9 April. Norwegian buoys 1898 and 1899 were air dropped north of Spitzbergen.
3. 7-14 April. U.S. Coast Guard buoys 2577, 2578, and 2579 were deployed in the southern Beaufort Sea.
4. 22 April - 5 May. Buoy 3802 was installed temporarily at Fram III for comparison with buoy 1900.
5. 1-5 May. Buoys 3800, 3801, 3804, and 3814 were air dropped using Fram III and Polar Research Laboratory logistics, north of Greenland.
6. 15 May. Buoys 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, and 3813 were deployed north of Alaska and Canada.
7. 1 June. Buoy 1921 began to work. This buoy had been deployed earlier by the U.S. Coast Guard but did not begin to operate correctly until this date. This buoy had previously served as a fixed reference platform at Barrow, Alaska.
8. 7 October. Buoy 1926 was deployed by Atmospheric Environment Service, Canada.

There were no failures during deployment.

Transmit Schedule

In an attempt to extend the operating lifetime of the buoys, a change was made in their transmitting schedule. The earlier buoys transmit a one second burst of data every minute. The new design maintains this schedule for two hours, followed by two hours of silence, and the two hours on, two hours off cycle is repeated again and again. It is hoped that this change will increase the battery lifetime by about 50% to about 18 months. The change was only made on buoys 3805, 3806, 3807, 3809, 3810, 3811, 3812, and 3813.

Pressure Measurements

The sensors for the 1981 buoys were purchased from the manufacturer, Paroscientific, in late summer 1980, and tested for several months. A drift rate of about -0.2 mb per month was detected on all sensors relative to the aneroid reference barometer at the Polar Science Center. This drift was confirmed by a recalibration by the manufacturer. A drift rate of this magnitude is somewhat outside the specifications for these sensors. The manufacturer attributed the problem to faulty procedures in sealing the vacuum chamber which provides the zero pressure reference in each sensor. Ten of the sensors were returned to the manufacturer to be resealed. Time did not permit resealing the five others, if we were to take advantage of the logistic support at Fram III for deploying them.

Thus is happened that five buoys, 3800, 3801, 3802, 3804, and 3814 were deployed with pressure sensors which were known to be drifting toward lower pressure. To compensate for this drift an offset was added to the parameters used to convert the raw readings into physical units. Thus at the time of deployment, May 1981, these buoys were reading about 1 mb high. At the end of their expected life, if the same drift rate persisted, they would read about 1 mb low. In fact, buoy 3802 was returned to Seattle and tested in January 1982. It had a total drift of -1.6 mb over 16 months. Apparently the sensor continued to drift but at an average rate of -0.1 mb per month. Although no very strong statement can be made for the other four buoys it seems likely that the reported pressures from them are accurate to within ±1 mb and are probably biased toward higher pressure in the spring and summer of 1981.

Calibration coefficients for each buoy are given to Service Argos and applied by them in converting the raw data into physical units for broadcast

over the Global Telecommunications System. A side-by-side comparison of the buoys 3800, 3801, 3804, and 3814 at Nord, Greenland for one month prior to deployment, revealed some errors in the calibration coefficients for these buoys. These errors have the form of biases of -2.0 mb, -2.6 mb, -2.8 mb, and -3.6 mb respectively. These adjustments were not made in the data broadcast by Argos but have been incorporated into the analyses presented here. The source of the biases is not known, but it is believed that the problem was with the initial calibration procedure, not with the sensors themselves. Similar tests with other sets of buoys prior to deployment did not show any biases exceeding 1 mb.

Buoys 3805 through 3813, with rebuilt pressure sensors, were tested in Fairbanks prior to deployment. The pressure readings among the nine buoys agreed to within ±0.2 mb. The greatest difference between these buoys and our reference aneroid was 0.3 mb.

Temperature Measurements

The temperature readings among the buoys were consistent to within ±1°C except for 3800 which read about 3.5°C lower than the others tested at Nord, and 3807 which read 2.5°C higher than the others tested at Fairbanks.

Comparison Between U.S. and Norwegian Buoys

Buoys 3802 (U.S.) and 1900 (Norwegian) were installed within about 1 km of each other at the research station Fram III during part of April 1981. During this period, an observer at the station took measurements of the surface pressure and air temperature 2 meters above the surface. The surface pressure measurements were made with a Negretti and Zambra aneroid type M2236 serial number 732 for which a constant correction of -1.2 mb is made.

Several conclusions derive from these measurements:

1. Buoy 3802 read about 2 mb higher than the adjusted reference NZ 732, throughout the period. (Recall that the conversion parameters for this buoy were deliberately set to make it read 1 mb too high. This leaves unexplained a 1 mb offset.)
2. Buoy 1900 agreed with the adjusted NZ 732 to within ±0.5 mb. There seem to be occasional and isolated errors of +1 mb in the data from this buoy. There is also a suggestion that over the one month period, this buoy may have drifted about -0.5 mb.

3. The air temperature reading from buoy 1900 agreed well with the met observer's data. The diurnal temperature cycle is well resolved. Buoy 1900 tends to read 1°-2°C too warm at the warmest part of each day, as if there were some radiational heating of the sensor.
4. The internal temperature reading from buoy 3802 is biased 4°-8°C warmer than the air temperature, which was -20°C to -30° most of the time. The diurnal cycle is damped by about 50% and delayed by about eight hours. The bias is probably the result of radiational heating of the buoy. The response to the diurnal cycle is a consequence of the thermal inertia of the buoy.

III DATA PROCESSING

As described in the 1980 report, the objective analysis procedure adopted here involves making corrections to the standard analyses of the National Meteorological Center. The corrections are based only on the observed pressures and temperatures at the buoys. In previous years we had included data from high latitude weather stations. These data seem to be adequately represented in the NMC analyses so we no longer use them explicitly.

At each buoy the observed pressure is compared to the pressure interpolated from the NMC field. The difference, called the innovation, is used in conjunction with innovations from the other buoys to adjust the NMC field. The innovations are taken to be zero at high latitude land stations. This has the effect of preserving the NMC field over the land, but allowing it to adjust over the Arctic Ocean, in the region covered by the buoy array.

Some of the NMC analyses are missing or of poor quality on the data tapes we receive from NCAR. In these cases, the record is filled by interpolation for gaps of less than 36 hours. Longer gaps are filled by digitizing the standard NMC northern hemisphere charts. In 1981 this was necessary for the periods 1-7 February and 4-10 October.

For our use we extract NMC data for the 15 X 15 grid of asterisks shown in Figure 1.

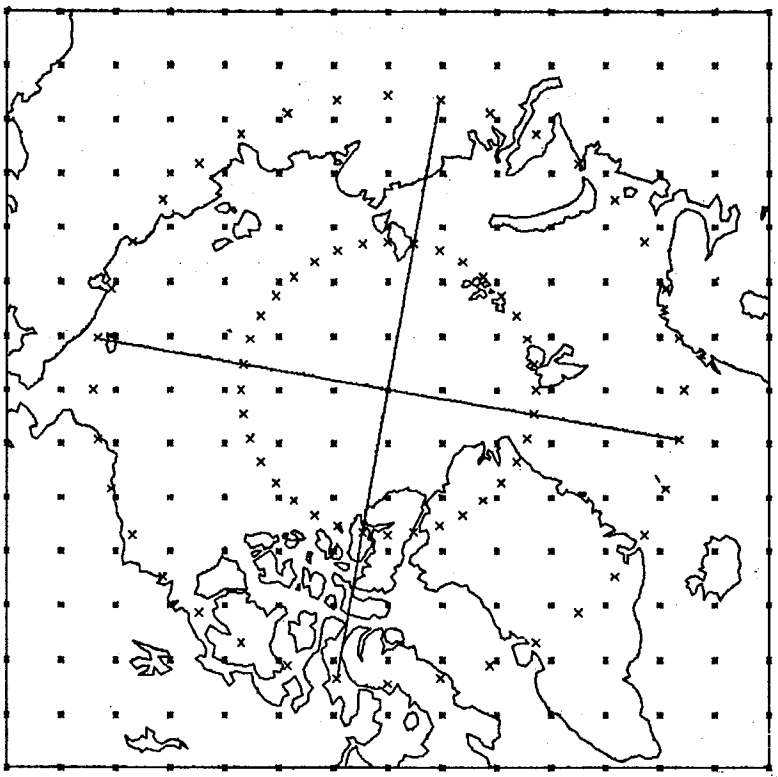

Figure 1. Position of the 15 X 15 grid of NMC data.

APPENDIX: AVAILABLE DATA SETS

Data Set AB. Twelve hourly pressure and temperature fields.

These data can be read with the FORTRAN statements:

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

LT	gives the day number beginning with 1 January 1981 = 11323.
LY	is the year less 1900. LY = 81.
LM	is the month number; 1 for January, 2 for February, etc.
LD	is the day of the month.
LH	is the hour in Greenwich Mean Time; 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 interpolated pressure derivatives times 10^3 in the x and y direction (see note below). PX and PY have units of millibars per 10^3 kilometers.
PXX, PYX PYY	are the interpolated second derivatives of pressure times 10^6. Their units are millibars/$(10^3$ kilometers$)^2$.

The data set begins with 0000 GMT 1 January 1981 and ends with 1200 GMT 31 December 1981; a total of 2 x 361 x 365 = 263,530 records. One 2,400 foot magnetic tape is sufficient to hold the data.

Data Set C. Daily buoy positions. These data can be read with the FORTRAN statements:

```
      INTEGER     ID1, ID2, ID3, KEY, LD, LH, LM, LT, LY
      REAL        BLAT1, BLAT2, BLAT3, BLONG1, BLONG2, BLONG3
      READ        (   , 1) KEY, LT, LY, LM, LD, LH, ID1, BLAT1, BLONG1,
                           ID2, BLAT2, BLONG2, ID3, BLAT3, BLONG3
1     FORMAT      (I2, I6, 4I3, 3(I4, F7.3, F9.3))
```

KEY always has the value 1.

LY, LY, LM LD, LH are as for Data Set AB.

ID is the buoy identification.*

BLAT is the buoy latitude in degrees north.

BLONG is the buoy longitude in degrees east.

*This code and the buoy identification code have the following correspondence:

1 - 1898	12 - 1941	23 - 3805
2 - 1899	13 - 1942	24 - 3806
3 - 1900	14 - 1943	25 - 3807
4 - 1921	15 - 2577	26 - 3808
5 - 1929	16 - 2578	27 - 3809
6 - 1930	17 - 2579	28 - 3810
7 - 1932	18 - 3800	29 - 3811
8 - 1934	19 - 3801	30 - 3812
9 - 1935	20 - 3802	31 - 3813
10 - 1936	21 - 3803	32 - 3814
11 - 1939	22 - 3804	33 - 1926

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     KEY, LAT, LD, LH, LM, LONG, LT, LY
      REAL        DUDX, DUDY, DVDX, DVDY, SIGMA2, UX, UY
      READ        (   , 1) KEY, LT, LY, LM, LD, LH, LAT, LONG, UX, UY, SIGMA2,
                           DUDX, DUDY, DVDX, DVDY
1     FORMAT      (I2, I6, 4I3, I4, I5, 2F7.1, F5.1, 4F8.2)
```

where

KEY	always has the value 2.
LT, LY, LM, LD, LH	are as for Data Set AB.
LAT	is the latitude of the grid point.
LONG	is the longitude of the grid point.
UX	is the interpolated ice velocity in the x direction in cm sec^{-1}. See note below.
UY	is the interpolated ice velocity in the y direction in cm sec^{-1}.
SIGMA2	is the variance of the interpolation error in velocity, in dimensionless units. No confidence should be placed on interpolated velocities for which SIGMA2 > 0.5
DUDX, DUDY, DVDX, DVDY	are interpolated velocity drivatives expressed in Cartesian coordinates. After multiplication by 10^{-7} the reported values have units of sec^{-1}.

One magnetic tape is sufficient to hold the data.

Note on coordinates. The pressure and velocity derivatives are expressed with respect to a rectangular coordinate system with the origin at the North Pole, and 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

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

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

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

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	1600 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:

World Data Center A: Glaciology
Institute of Arctic and Alpine Research
University of Colorado
Boulder, Colorado 80309 U.S.A.

Telephone (303) 492-5171

The authors of this report can be contacted at:

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4057 Roosevelt Way NE
Seattle, Washington 98105 U.S.A.

Telephone (206) 543-6613

Tabular Data. The tables give daily data for each buoy. The buoys are identified by their Argos identification number. The data are interpolated values for location and pressure at 1200 GMT. If the location or pressure is not reliably known at 12Z, the value is left blank. An asterisk indicates that the data was not reliably known for one of the eight synoptic intervals of that day, 0000 GMT, 0300 GMT, . . ., 2100 GMT. In order to eliminate the diurnal variation, the temperature was averaged over the eight synoptic intervals. In this case too, an asterisk indicates that one or more of the periods were not known. In that event, the temperature at 1200 GMT is given, or, if that is missing, the entry is left blank. Note that in some instances data gaps may be a few months long.

BUOY(1898) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8				
99	9	83.988*	49.790	1028.1	-27.6
100	10	84.043	49.253	1017.8	-25.1
101	11	84.070	47.900	1015.6	-21.1
102	12	84.056	47.035	1012.9	-17.1
103	13	84.057	46.490	1026.2	-21.5
104	14	84.020	46.021	1021.4	-19.1
105	15	83.971	45.540	1015.0	-19.1
106	16	83.958	45.356	1012.0	-20.5
107	17	83.941	45.331	1009.6	-23.1
108	18	83.917	45.178	1009.3	-25.6
109	19	83.895	44.949	1011.0	-26.5
110	20	83.836	44.624	1010.0	-22.7
111	21	83.713	43.743	1016.1	-21.3
112	22	83.605	42.778	1018.7	-16.7
113	23	83.548	41.949	1019.2	-17.7
114	24	83.516	41.640	1018.8	-19.0
115	25	83.498	41.206	1020.8	-18.3
116	26	83.434	40.681	1016.9	-20.4
117	27	83.369*	40.431	1013.5	-19.9
118	28	83.309*	40.266	1013.4	-18.5
119	29	83.277	40.101	1014.2	-18.4
120	30	83.250	39.860	1015.3	-15.6

BUOY(1898) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2	83.270	39.313	1024.5	-11.9
123	3	83.263	38.899	1025.3	-15.9
124	4	83.247	38.261	1028.4	-14.6
125	5	83.232	37.807	1028.9	-14.3
126	6	83.209	37.426	1030.9	-16.1
127	7	83.127	37.171	1027.2	-13.8
128	8	83.013	37.244	1020.8	-11.1
129	9	82.949	37.453	1018.7	-10.9
130	10	83.004	37.763	1009.6	-9.0
131	11	83.067	38.349	1000.9	-3.6
132	12	83.065	38.681	999.7	-4.2
133	13	82.978	38.361	1008.7	-10.5
134	14	82.838	38.237	1020.7	-12.8
135	15	82.762	38.041	1021.4	-10.2
136	16	82.775	37.722	1016.6	-8.0
137	17	82.834	37.371	994.6	-4.4
138	18	82.819	37.870	982.0	-4.5
139	19			1003.5	-6.4
140	20	82.625	37.341	1022.9	-6.6
141	21	82.705	37.453	1011.5	-3.7
142	22	82.794	37.357	994.9	-2.7
143	23	82.820	37.026	997.7	-2.0
144	24	82.813	36.502	1010.8	-1.8
145	25	82.798	35.546	1024.9	-4.6
146	26	82.713	35.120	1019.3	-5.5
147	27	82.558	35.198	1011.5	-5.8
148	28	82.415	35.146	1013.1	-4.7
149	29	82.338	35.016	1012.2	-3.3
150	30	82.345	34.925	1014.4	-4.5
151	31	82.299	34.825	1012.3	-4.8

BUOY(1898) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1				
153	2	82.065	35.355	1001.6	-3.8
154	3	81.997	35.075	1002.5	-3.8
155	4	82.009	34.612	1011.5	-4.0
156	5	82.005	34.007	1009.4	-3.9
157	6	81.978	32.995	1001.4	-4.1
158	7	81.982	32.304	1007.0	-2.7
159	8	81.993	31.876	1011.6	-2.5
160	9	82.021	31.342	1016.1	-1.5
161	10	82.050	30.719	1014.7	-1.6
162	11	82.047	29.749	1005.9	-2.6
163	12	82.073	28.757	1007.8	-1.5
164	13	82.062	28.243	1009.6	-2.2
165	14	82.033	27.400	1006.5	-1.8
166	15	82.032	26.815	1018.6	-1.5
167	16			1002.0	-2.1
168	17	82.056	25.390	1001.3	-1.2
169	18	82.103	24.817	1002.9	-.6
170	19	82.095	24.789	1017.0	.1
171	20	82.093	24.627	1016.3	.3
172	21			1011.1	.1
173	22	82.002	25.081	1007.3	-.0
174	23			1009.1	.2
175	24	81.923	24.886	1014.3	.2
176	25			1015.9	.3
177	26			1022.4	.3
178	27			1024.6	.3
179	28	81.740	24.887	1025.1	1.0
180	29			1021.3	.6
181	30			1020.9*	2.2*

BUOY(1898) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	81.740*	25.025	1019.6*	1.1*
183	2	81.722	25.132	1014.6	-.1
184	3	81.721	25.071	1013.4	.4
185	4	81.736	24.881	1014.5	1.3
186	5	81.769	24.841	1017.4	1.8
187	6	81.854	24.770	1011.5	1.3
188	7	81.869	24.963	1018.9	2.4
189	8	81.874	24.906	1022.0	1.3
190	9	81.883	24.754	1021.9	3.6
191	10	81.912	24.519	1020.1	1.6
192	11	81.911	24.069	1011.1	.3
193	12	81.888	23.662	1003.8	.4
194	13	81.852	23.430	1006.0	.7
195	14	81.771	23.293	1008.3	-.1
196	15	81.708	23.217	1005.2	.8
197	16			1006.2	1.4
198	17	81.565	23.750	999.2	.8
199	18	81.479	24.258	1003.2	.8
200	19	81.436	24.764	1006.2	1.1
201	20	81.401	25.249	1008.1	1.4
202	21	81.377	25.792	1007.3	.8
203	22	81.365	26.506	1008.1	1.2
204	23	81.283	27.511	1015.9	1.5
205	24	81.317	27.752	1007.7	.8
206	25	81.385	28.139	995.0	1.0
207	26	81.301	29.382	1014.0	1.7
208	27	81.331	29.697	1013.4	1.9
209	28	81.345	29.719	1014.9	.8
210	29	81.411	29.676	1012.4	.8
211	30	81.448	29.819	1013.5	1.8
212	31	81.459	30.063	1016.6	.5

BUOY(1898) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1				
214	2	81.444	30.707	1017.1	1.3
215	3	81.475	30.967	1016.9	.8
216	4	81.523	30.870	1002.0	.6
217	5	81.596	31.257	994.8	.5
218	6	81.600	32.086	1003.8	1.6
219	7	81.600	32.180	1011.2	.6
220	8	81.569	32.371	1020.0	.1
221	9	81.589	32.691	1022.1	1.3
222	10	81.609	32.968	1026.9	1.3
223	11	81.722	33.475	1024.9	1.0
224	12	81.775	33.732	1025.1	.3
225	13	81.833	33.894	1020.3	1.2
226	14	81.893	34.112	1016.4	.9
227	15	81.906	34.152	1009.4	.6
228	16				
229	17	81.866	34.811	1009.8	-1.1
230	18	81.859	34.898	1012.4	-1.4
231	19	81.860	34.953	1010.9	-.8
232	20	81.832	34.660	1008.4	-1.9
233	21	81.799	34.544	1014.3	-1.0
234	22	81.781	34.702	1016.7	-1.5
235	23	81.735	35.164	1019.9	-1.1
236	24	81.724	35.457	1016.5	-1.0
237	25	81.745	35.957	1010.4	.1
238	26	81.727	36.293	1017.6	-.1
239	27	81.751	36.548	1022.9	.3
240	28	81.809	36.823	1026.9	.1
241	29	81.918	37.228	1027.7	-.4
242	30	82.010	37.436	1024.6	-2.6
243	31	82.081	37.633	1015.5	-.2

BUOY(1898) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	82.116	37.833	1018.7	.3
245	2	82.161	37.898	1013.2	.2
246	3	82.250	38.353	1001.1	.6
247	4	82.256	39.611	1010.5	-1.0
248	5	82.298	39.808	1002.5	-.2
249	6	82.293	39.450	1003.6	-3.0
250	7	82.301	38.486	1012.4	-1.4
251	8	82.294	37.381	1022.5	-3.9
252	9	82.302	36.507	1032.1	-3.7
253	10	82.320	35.957	1034.8	-3.0
254	11	82.352	35.638	1032.8	-2.5
255	12	82.381	35.568	1032.3	-3.7
256	13	82.410	35.397	1029.9	-7.4
257	14	82.427	35.242	1029.7	-7.5
258	15	82.439	35.247	1026.1	-7.9
259	16	82.441	35.342	1022.4	-4.1
260	17	82.438	35.137	1015.1	-4.6
261	18	82.389	35.114	1018.5	-3.5
262	19	82.364	35.121	1015.4	-6.6
263	20	82.297	35.054	1019.4	-8.6
264	21	82.188	35.393	1019.2	-3.8
265	22	82.172	35.523	1016.6	-3.4
266	23	82.272	35.411	999.5	-1.0
267	24	82.347	35.697	1004.4	-1.0
268	25	82.407	35.679	1009.4	-.5
269	26	82.400	35.638	1018.3	-1.7
270	27	82.364	35.328	1020.4	-2.3
271	28	82.362	35.598	1019.1	-2.7
272	29	82.356	35.529	1019.8	-2.3
273	30	82.314	35.024	1018.1	-4.2

BUOY(1898) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1			1004.6	-4.6
275	2	82.131	35.771	1013.5	-3.8
276	3	82.167	35.344	1002.6	-4.1
277	4	82.092	33.770	1006.2	-2.9
278	5	81.992	32.548	1024.0	-4.0
279	6	81.929	31.868	1032.2	-3.8
280	7	81.888	31.336	1030.0	-3.3
281	8	81.864	30.809	1027.8	-3.2
282	9	81.855	30.307	1029.5	-4.0
283	10	81.820	29.575	1023.2	-5.0
284	11	81.770	28.394	1020.3	-4.4
285	12	81.752	27.672	1023.4	-4.7
286	13	81.758	27.188	1022.7	-4.1
287	14	81.802	26.294	1007.3	-3.0
288	15			1003.9	-2.0
289	16	82.019	24.594	999.9	-1.6
290	17	82.050	24.221	991.1	-1.5
291	18	81.998	24.757	1007.2	-1.9
292	19	81.984	25.086	1016.9	-3.4
293	20	81.958	25.266	1019.6	-4.6
294	21	81.953	25.113	1012.5	-4.4
295	22	81.969	24.914	1013.4	-3.8
296	23	81.990	24.844	1016.7	-2.9
297	24	82.045	24.624	1016.8	-2.5
298	25	82.086	24.356	1021.0	-2.2
299	26	82.123	24.231	1019.8	-1.9
300	27	82.186	24.561	1025.8	-1.9
301	28	82.250	24.976	1027.9	-1.9
302	29	82.257	25.643	1035.0	-1.7
303	30	82.272	25.916	1035.2	-1.9
304	31	82.270	25.973	1027.8	-2.0

BUOY(1898) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	82.256	25.516	1015.3	-2.1
306	2	82.239	25.217	1010.3	-2.6
307	3	82.222	25.199	1010.6	-3.5
308	4	82.143	25.261	1002.3	-4.0
309	5	82.031	25.245	1013.5	-4.0
310	6	81.990	25.519	1011.2	-4.2
311	7	81.941	26.030	1012.1	-3.6
312	8	81.929	25.700	1017.7	-4.1
313	9	82.004	25.256	990.7	-3.5
314	10	81.966	25.144	980.6	-2.8
315	11	81.798	24.227	991.8	-3.5
316	12	81.671	24.592	993.1	-4.5
317	13	81.545	24.757	1002.9	-5.4
318	14	81.434	25.641	1009.0	-5.1
319	15	81.391	25.489	991.1	-5.1
320	16	81.337	25.004	992.7	-4.5
321	17			998.0	-5.1
322	18	81.104	24.438	1012.5	-5.2
323	19	81.093	24.308	1012.3	-5.6
324	20	81.117	23.250	1007.6	-5.1
325	21	81.091	21.928	995.8	-4.3
326	22	81.124	21.737	1013.3	-3.6
327	23	81.138	21.440	1022.9	-3.0
328	24	81.173	21.003	1027.9	-3.5
329	25	81.183	20.701	1022.0	-4.2
330	26	81.166	20.641	1021.7	-4.9
331	27	81.172	20.633	1018.0	-5.8
332	28	81.188	20.780	1017.1	-5.4
333	29	81.180	20.908	1011.7	-4.7
334	30			1000.2*	-4.0*

BUOY(1898) DEC.	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	81.120	20.658	1009.3	-5.5
337	3			1012.1	-6.5
338	4	81.044	20.175	1018.9	-7.2
339	5	80.940	20.968	1007.2	-8.8
340	6	80.896	21.096	1017.7	-7.2
341	7	80.896	21.102	1026.2	-8.2
342	8	80.893	21.093	1025.7	-8.1
343	9	80.887	21.027	1030.3	-8.4
344	10	80.867	20.844	1030.3	-8.7
345	11	80.872	20.830	1022.0	-7.5
346	12	80.871	20.822	1009.9	-7.2
347	13	80.857	20.789	1015.1	-7.2
348	14	80.852	20.815	1012.4	-7.8
349	15	80.852	20.800	1009.4	-8.7
350	16	80.847	20.778	1009.4	-8.9
351	17	80.833	20.768	1012.8	-9.9
352	18	80.823	20.738	1013.5	-8.1
353	19	80.815	20.719	1015.9	-6.5
354	20	80.815	20.693	1021.5	-16.3
355	21	80.812	20.645	1028.6	-27.1
356	22			1010.2	-15.9
357	23	80.908	20.823	1010.8	-9.4
358	24	80.887*	21.017	1013.2	-8.4
359	25	80.884*	20.975	1015.6	-7.3
360	26	80.874*	20.607	1019.7	-9.3
361	27			1029.9	-16.4
362	28	80.851*	19.001	1040.1	-20.4
363	29	80.825	18.682	1041.1	-21.7
364	30			1035.9	-19.2
365	31			1037.5*	-20.5*

BUOY(1899) APR.	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8			1014.5	-15.8
99	9	84.102*	-21.370	1000.1	-13.5
100	10	84.116	-21.604	1017.9	-14.8
101	11	84.095	-21.589	1029.6	-16.8
102	12				
103	13				
104	14				
105	15				
106	16				
107	17				
108	18				
109	19				
110	20				
111	21				
112	22				
113	23	83.705*	-19.128	1030.6*	-19.6*
114	24	83.632	-18.672	1033.4	-16.6
115	25	83.516	-18.042	1036.7	-17.1
116	26	83.453	-17.585	1031.0	-17.9
117	27				
118	28			1021.0*	-19.0*
119	29			1020.2	-19.0
120	30				

BUOY(1899) MAY	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	83.413	-17.376	1021.6	-18.2
122	2	83.418	-17.420	1019.6	-18.1
123	3	83.452	-17.549	1026.0	-14.9
124	4	83.453	-17.678	1031.8	-14.0
125	5	83.480	-17.784	1029.4	-15.2
126	6	83.508	-18.004	1033.0	-14.9
127	7	83.512	-18.066	1031.1	-14.1
128	8	83.521	-18.108	1020.9	-12.9
129	9	83.571	-18.112	1002.9	-12.2
130	10	83.597	-17.965	996.8	-13.4
131	11	83.515	-17.830	1003.3	-12.4
132	12	83.397	-17.479	1009.2	-11.6
133	13	83.312	-17.103	1024.3	-11.9
134	14	83.303	-16.973	1024.6	-11.3
135	15	83.312	-17.032	1014.6	-8.7
136	16	83.285	-16.981	1015.2	-7.3
137	17	83.194	-16.834	1006.0	-8.0
138	18	83.105	-16.211	1014.5	-8.5
139	19	83.083	-16.005	1017.3	-9.9
140	20	83.103	-16.082	1011.6	-6.8
141	21	83.083	-16.006	1010.0	-6.8
142	22	83.073	-15.933	1006.9	-6.7
143	23	83.010	-15.683	1014.9	-7.1
144	24	82.926	-15.082	1024.8	-7.6
145	25	82.881	-14.862	1029.6	-6.9
146	26	82.879	-14.912	1025.0	-6.2
147	27	82.853	-14.812	1023.2	-6.7
148	28	82.822	-14.641	1026.2	-6.7
149	29	82.778	-14.435	1023.2	-4.6
150	30	82.704	-13.997	1019.7	-3.6
151	31	82.664	-13.778	1019.8	-3.2

BUOY(1899) JUNE	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	82.611	-13.485	1014.6	-3.8
153	2	82.531	-13.059	1021.4	-3.2
154	3	82.450	-12.781	1017.7	-3.6
155	4	82.433	-12.781	1022.6	-3.7
156	5	82.435	-12.790	1018.3	-3.1
157	6	82.433	-12.802	1017.1	-2.5
158	7	82.393	-12.640	1013.7	-2.5
159	8	82.337	-12.307	1014.9	-2.1
160	9	82.328	-12.237	1015.5	-2.1
161	10	82.324	-12.229	1014.7	-1.3
162	11	82.325	-12.251	1017.3	-1.2
163	12	82.315	-12.263	1014.4	-3.2
164	13	82.309	-12.260	1018.6	-2.3
165	14	82.308	-12.273	1017.0	-1.3
166	15	82.308	-12.259	1020.7	-1.0
167	16	82.308	-12.263	1017.0	-.5
168	17	82.294	-12.228	1005.7	-.4
169	18	82.295	-12.235	1006.6	-.3
170	19	82.295	-12.237	1011.8	-.3
171	20	82.297	-12.237	1014.3	-.3
172	21	82.295	-12.238	1014.0	-.3
173	22	82.267	-12.069	1012.5	-.4
174	23	82.179	-11.893	1018.4	-.3
175	24	82.108	-11.767	1023.9	-.1
176	25			1020.5	.1
177	26	82.065	-11.638	1018.8	.2
178	27	82.073	-11.613	1015.0	.2
179	28	82.047	-11.558	1020.6	.3
180	29			1012.5	.1
181	30				

BUOY(1899) JULY	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	81.974*	-11.717	1017.1*	2.2*
183	2	81.885	-11.684	1010.1	.7
184	3	81.777	-11.384	1008.6	-.4
185	4	81.764	-10.795	1008.5	.6
186	5	81.867	-10.411	1010.1	.7
187	6	81.955	-10.213	1005.8	.7
188	7	82.061	-9.753	1011.8	.2
189	8	82.158	-9.618	1020.4	-.3
190	9	82.192	-10.021	1020.1	.6
191	10	82.233	-10.773	1020.7	.9
192	11	82.190	-11.403	1017.7	-.1
193	12	82.111	-11.704	1006.5	.8
194	13	82.080	-11.818	1011.7	-.4
195	14	81.961	-11.755	1015.4	1.9
196	15	81.864	-11.651	1009.3	1.5
197	16	81.745	-11.246	1005.7	4.0
198	17	81.593	-10.540	1008.1	2.6
199	18	81.487	-9.648	1004.6	2.2
200	19	81.414	-8.580	1008.3	1.3
201	20	81.389	-8.271	1010.7	.8
202	21	81.385	-7.581	1007.4	1.7
203	22	81.283	-6.812	1006.4	1.6
204	23	81.107	-5.998	1009.3	.4
205	24	80.974	-5.853	1000.5	.3
206	25	80.829	-5.870	1001.4	.6
207	26	80.755	-5.469	1008.0	1.0
208	27	80.666	-5.261	1009.0	.6
209	28	80.593	-4.942	1009.6	.8
210	29	80.504	-4.643	1005.9	.6
211	30	80.382	-4.145	1011.2	.5
212	31	80.302	-3.081	1007.4	-.4

BUOY(1899) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	80.238	-2.417	1008.7	-1.0
214	2	80.156	-2.459	1010.8	-.8
215	3	80.025	-2.727	1009.2	.5
216	4	79.826	-3.202	1003.3	.8
217	5	79.583	-4.101	1002.1	.5
218	6	79.306	-4.324	1009.2	.9
219	7	79.088	-4.754	1012.2	.0
220	8	78.885	-4.574	1010.5	-.2
221	9	78.806	-4.207	1014.9	.1
222	10	78.788	-4.250	1010.3	1.3
223	11	78.767	-4.341	1014.4	1.0
224	12	78.719	-4.717	1013.1	1.3
225	13	78.622	-4.941	1009.1	1.0
226	14	78.494	-4.550	1007.3	.2
227	15	78.367	-4.092	1005.1	-.5
228	16	78.214	-4.217	1003.0	-1.1
229	17	77.898	-4.401	1004.6	-2.0
230	18	77.580	-4.592	1008.0	-3.1
231	19	77.405	-4.751	1008.2	-3.8
232	20	77.290	-4.879	1010.7	-3.2
233	21	77.208	-5.013	1014.8	-4.1
234	22	77.148	-5.075	1017.7	-2.0
235	23	77.099	-5.080	1018.8	-1.8
236	24	77.076	-4.989	1009.2	.1
237	25	77.031	-5.171	1004.5	.9
238	26	77.002	-5.544	1011.9	1.0
239	27	76.943	-5.849	1010.7	.6
240	28	76.884	-6.008	1013.2	-.4
241	29	76.858	-6.195	1007.4	.9
242	30	76.755	-6.401	1011.9	-.2
243	31	76.684	-6.489	1001.2	.2

BUOY(1899) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	76.650	-6.498	1004.6	-.1
245	2	76.554	-6.550	1004.9	-1.3
246	3	76.449	-6.698	1000.3	-.8
247	4	76.275	-7.056	1005.0	-1.1
248	5	76.088	-7.842	1000.5	-1.8
249	6	75.881	-8.629	1001.5	-2.0
250	7	75.600	-9.976	1001.2	-1.9
251	8	75.267	-11.544	1008.4	-.5
252	9	74.872	-13.040	1016.5	-.7
253	10	74.648	-14.330	1024.0	-1.2
254	11	74.567	-14.708	1026.3	-1.4
255	12	74.517	-14.678	1020.4	-.7
256	13	74.505	-14.777	1015.1	-1.3
257	14	74.439	-15.087	1019.9	-3.1
258	15	74.381	-15.129	1021.6	-3.3
259	16	74.400	-15.197	1022.9	-2.0
260	17	74.290	-15.483	1014.9	-1.6
261	18	73.875	-16.351	1014.0	-5.1
262	19	73.565	-17.476	1015.8	-4.5
263	20	73.249	-18.178	1023.7	-4.8
264	21	72.838	-18.686	1014.9	-5.9
265	22	72.538	-19.053	1005.3	-4.5
266	23	72.223*	-19.089	1004.4	-4.4
267	24	71.692*	-19.185	1007.6	-4.5
268	25	71.343	-20.115	1018.1	-5.1
269	26	71.248	-20.359	1022.0	-5.4
270	27	71.296	-20.489	1020.1	-4.1
271	28	71.066	-20.347	1016.6	-4.7
272	29	70.856	-20.283	1019.3	-3.8
273	30	70.420	-20.876	1026.2	-7.7

BUOY(1900) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1				
61	2				
62	3				
63	4				
64	5				
65	6				
66	7				
67	8				
68	9				
69	10				
70	11				
71	12				
72	13				
73	14				
74	15				
75	16				
76	17				
77	18				
78	19				
79	20				
80	21				
81	22				
82	23	83.449	13.586		
83	24	83.408	12.981		
84	25	83.365	12.825		
85	26	83.354	12.733		
86	27	83.347	12.716		
87	28	83.332	12.669		
88	29	83.311	12.477		
89	30	83.263	12.379		
90	31	83.200	12.324		

BUOY(1900) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1	83.162	12.280		
92	2	83.134	12.128	1014.8	-28.3
93	3	83.122	11.873	1013.3	-25.7
94	4			1012.1	-25.1
95	5	83.113	10.994	1003.8	-17.2
96	6	83.103	10.227	1016.5	-25.4
97	7	83.086	9.999	1023.9	-26.2
98	8	83.093	9.890	1022.6	-23.1
99	9	83.208	9.453	1008.0	-19.0
100	10	83.274	8.622	1010.2	-21.2
101	11	83.187	8.051	1018.3	-23.4
102	12	83.111	7.638	1016.6	-23.5
103	13	83.063	7.361	1021.4	-25.8
104	14	83.034	7.081	1024.6	-24.7
105	15	82.979	6.950	1020.8	-26.3
106	16	82.952	6.896	1011.3	-25.9
107	17	82.919	6.795	1011.4	-27.5
108	18	82.858	6.749	1013.5	-27.6
109	19	82.810	6.686	1014.4	-25.6
110	20	82.749	6.627	1021.9	-24.2
111	21	82.584	6.487	1028.9	-19.8
112	22	82.410	6.377	1029.4	-19.8
113	23	82.317	6.146	1025.8	-20.7
114	24	82.234	6.018	1023.1	-20.5
115	25	82.122	5.781	1025.9	-19.4
116	26	82.003	5.574	1024.1	-20.1
117	27	81.950*	5.542	1019.6	-21.1
118	28	81.928*	5.527	1017.5	-19.1
119	29	81.900	5.425	1016.7	-20.2
120	30	81.861	5.327	1018.9	-21.0

BUOY(1900) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	81.817	5.168	1017.4	-18.4
122	2	81.793	5.010	1017.2	-15.6
123	3	81.805	4.747	1023.5	-16.8
124	4	81.784	4.324	1028.3	-18.5
125	5	81.763	4.033	1027.6	-18.4
126	6	81.745	3.780	1030.1	-18.7
127	7	81.714	3.483	1030.0	-17.6
128	8	81.690	3.308	1024.0	-16.0
129	9	81.690	3.283	1010.0	-8.8
130	10	81.783	3.691	996.4	-3.7
131	11	81.798	3.687	997.9	-4.8
132	12	81.758	3.299	999.3	-10.3
133	13	81.640	3.279	1022.0	-10.6
134	14	81.584	3.293	1025.9	-10.2
135	15	81.602	3.486	1012.3	-3.5
136	16	81.591	3.492	1009.6	-3.5
137	17	81.563	3.349	987.4	-3.8
138	18	81.360	3.786	1010.9	-7.6
139	19			1017.2	-8.0
140	20	81.307	3.804	1008.9	-4.7
141	21			1005.1	-2.6
142	22	81.230	3.384	997.5	-5.3
143	23	81.115	3.382	1010.7	-8.2
144	24	81.000	3.402	1020.3	-8.1
145	25	80.891	3.353	1026.9	-6.0
146	26	80.858	3.393	1021.8	-4.5
147	27	80.811	3.379	1020.6	-4.7
148	28	80.725	3.286	1020.6	-5.8
149	29	80.635	3.138	1018.4	-3.4
150	30	80.529	2.996	1014.3	-2.4
151	31	80.450	2.747	1018.2	-3.2

BUOY(1900) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	80.376	2.683	1013.9	-2.8
153	2	80.277	2.684	1013.1	-2.8
154	3	80.141	2.379	1011.2	-3.8
155	4	80.025	1.888	1014.0	-3.9
156	5	79.931	1.394	1011.7	-2.6
157	6	79.809	.910	1007.7	-3.3
158	7			1004.8	-4.5
159	8			1005.3	-2.6
160	9			1006.5	-1.8
161	10			1003.9	-1.1
162	11	79.135	-2.389	999.3	-1.1
163	12	78.844	-3.453	1003.7	-3.4
164	13	78.503	-3.754	1007.0	-2.7
165	14	78.180	-4.640	1007.5	-2.5
166	15	77.859	-5.269	1009.3	-2.1
167	16	77.548	-5.600	1008.4	-2.0
168	17	77.230	-5.678	1004.5	-1.8
169	18	76.992	-5.700	1008.5	-.6
170	19	76.845	-6.087	1014.7	-.2
171	20	76.693	-6.416	1015.9	-.1
172	21	76.541	-6.484	1013.2	-.1
173	22	76.403	-6.702	1010.7	.1
174	23	76.200	-7.277	1014.5	.5
175	24	76.000	-7.911	1022.1	.4
176	25	75.952*	-8.541	1022.2	.8
177	26	75.869*	-9.275	1023.9	.8
178	27			1020.5	.8
179	28	75.775	-9.791	1022.1	1.1
180	29				
181	30			1021.7*	3.1*

BUOY(1900) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1020.1*	4.3*
183	2			1012.8	1.2
184	3			1007.7	1.2
185	4	75.035*	-12.764	1004.6	1.2
186	5	74.774	-13.433	1000.0	.8
187	6	74.527	-14.133	1003.7	2.5
188	7	74.403	-14.611	1010.5	1.0
189	8	74.251	-15.151	1016.2	.7
190	9	74.137	-15.311	1014.9	1.1
191	10	73.929	-15.441	1014.9	.9
192	11	73.647	-15.676	1017.2	2.1
193	12	73.353	-16.089	1012.3	1.1
194	13	73.155	-16.171	1008.0	2.9
195	14	72.860	-16.328	1013.2	-.1
196	15	72.583	-16.154	1010.7	.5
197	16	72.382	-16.502	1014.9	.0
198	17	72.278	-16.975	1012.9	.8
199	18	72.190	-17.223	1002.7	-.1
200	19	72.090	-17.547	1004.9	.9
201	20	71.851	-18.176	1010.2	.0
202	21	71.570	-18.830	1014.3	.6
203	22	71.433	-19.042	1012.3	.3
204	23	71.362	-18.847	997.2	1.7
205	24	71.159	-18.859	1003.0	1.7
206	25	71.012	-18.663	995.0	1.1
207	26	70.842	-18.609	996.0	.5
208	27	70.615	-18.794	1002.7	1.1
209	28	70.495	-18.995	1009.9	1.7
210	29	70.441	-19.040	1007.7	.8
211	30	70.320	-19.234	1016.8	2.2
212	31	70.153	-18.916	1012.2	.9

BUOY(1900) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	70.066	-18.437	1011.1	.0
214	2	70.031	-18.049	1006.7	.8
215	3	69.809	-17.751	1004.3	2.3
216	4	69.592	-18.031	1007.1	2.1
217	5	69.479	-18.843	1010.6	1.3
218	6	69.368	-19.379	1014.0	1.3
219	7	69.262	-19.742	1010.4	1.5
220	8	69.257	-20.239	1001.7	1.6
221	9	69.204	-20.853	1002.6	1.5
222	10	68.944	-21.706	1000.5	.7
223	11	68.575	-23.179	996.9	1.5
224	12	68.662	-23.715	1008.6	1.2
225	13	68.621	-23.432	1010.6	2.3
226	14	68.398	-23.436	1011.1	1.0
227	15	68.305*	-23.795	1011.3	.6
228	16	68.166*	-23.683	1010.3	2.2
229	17	67.984	-24.101	1003.1	1.2
230	18	67.761	-24.599	1011.6	2.2
231	19	67.777	-24.892	1013.3	1.3
232	20	67.815	-24.759	1007.0	1.5
233	21	67.674	-25.094	1013.9	.9
234	22	67.696	-25.428	1014.2	.8
235	23	67.806	-26.119	1002.4	1.5
236	24	67.737	-27.187	996.0	1.2
237	25	67.759*	-27.014	1007.0	.7
238	26	67.797*	-27.160	1013.1	1.2
239	27	67.838	-27.713	1004.7	2.1
240	28	67.984	-27.857	1008.0	1.6
241	29	68.169	-27.933	1011.0	1.7
242	30	68.144	-28.135	1016.1	1.8
243	31	68.136	-28.675	1006.9	1.5

BUOY(1900) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	68.148	-29.092	1003.9	1.0
245	2	68.140*	-29.490	1023.8	1.0
246	3	68.013*	-29.415	1004.0	2.8
247	4	67.798	-30.194	1014.0	1.6
248	5	67.629	-30.962	1013.6	1.5
249	6	67.233	-31.273	1012.5	1.7
250	7	66.863	-31.617	1010.7	1.1
251	8	66.680	-32.347	1012.2	2.0
252	9	66.700	-32.540	1016.3	2.2
253	10	66.688	-32.757	1023.3	1.9
254	11	66.584	-33.012	1021.5	1.9
255	12	66.123	-33.563	1015.1	2.8
256	13	65.804	-34.924	1015.1	3.2
257	14	65.432	-35.727	1013.9	2.7
258	15	65.257	-37.009	1012.4	3.2
259	16	65.196	-37.810	1007.5	4.1
260	17	64.999	-38.738	1009.8	3.7
261	18	64.797	-39.017	1007.5	3.5
262	19	64.435	-39.257	1006.7	2.9
263	20	64.283	-39.497	1018.8	2.1
264	21	64.035	-40.096	1017.4	1.8
265	22	63.364*	-40.010	1004.4	2.1
266	23	62.844	-40.486	1000.8	3.0
267	24	62.431	-40.655	1006.8	1.8
268	25	62.335	-41.149	1014.4	1.5
269	26	62.205	-41.004	1024.4	2.0
270	27	61.985	-41.082	1020.9	2.1
271	28	61.363	-41.415	1021.7	3.3
272	29	61.077	-41.563	1020.4	3.8
273	30	60.734	-41.697	1027.9	4.8

BUOY(1900) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	60.314	-41.940	1032.1	3.8
275	2	59.632	-42.779	1029.0	3.9
276	3	59.429	-43.476	1034.2	5.3
277	4	59.363	-43.364	1031.7	4.6
278	5	59.210	-43.882	1031.8*	3.0*
279	6	59.117	-45.088	1027.0*	3.3*
280	7	58.993	-46.161		
281	8	58.783	-46.428	1024.8	3.5
282	9	58.710	-46.567	1022.0	3.2
283	10	58.849	-46.768	1021.2	3.5
284	11	58.797	-46.832	1021.3	3.2
285	12	58.685	-46.747	1020.8	3.4
286	13	58.851	-47.024	1018.9	4.3
287	14	58.810	-47.088	1018.2	4.1
288	15	59.007	-47.241	999.9	5.6
289	16	59.182	-47.181	998.6	5.5
290	17	59.059	-46.835	1006.2	2.7
291	18	58.769	-46.565	1008.7	2.0
292	19	58.604	-46.179	1016.7	3.9
293	20	58.854*	-46.211	1020.2	6.1
294	21	59.128*	-46.276	1014.0	5.2
295	22	59.210	-46.102	1012.5	3.3
296	23	59.050	-45.752	1019.8*	2.5*
297	24	58.944	-45.327	1021.2*	1.5*
298	25	59.030*	-45.973	990.5*	5.6*
299	26	58.801*	-45.672		
300	27	58.741	-45.220	1008.0*	3.1*
301	28	58.654	-44.722		
302	29	58.917	-44.756	992.6	2.5
303	30	58.962	-44.855	989.6	1.8
304	31	58.899	-45.184	1007.9	3.6

BUOY(1900) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	59.097	-45.252	1010.2	2.9
306	2	59.238	-46.017	1007.9	2.4
307	3	59.458	-47.196	991.3	3.6
308	4	59.676	-47.972	989.5	5.1
309	5	59.666	-48.143	989.8	4.6
310	6	59.580	-48.055	997.9	3.7
311	7	59.638	-47.503	1005.8	2.7
312	8	59.454	-47.377	1005.6	2.6
313	9	59.284*	-47.230	1005.2	3.4
314	10	59.435*	-47.130	1006.9	3.2
315	11	59.537*	-46.663	1020.1	3.3
316	12	59.927*	-46.918	1011.3	5.1
317	13	60.254*	-48.348		
318	14	60.275*	-48.833		
319	15	60.190	-48.938	1000.1	7.3
320	16	59.884	-48.728		
321	17	59.591	-48.475	1006.4	4.9
322	18	59.331	-48.038	1008.3	1.8
323	19	58.864	-47.616	1012.2	1.5
324	20	58.531	-47.362		
325	21	58.226	-47.196		
326	22	57.986*	-46.840		
327	23	58.140*	-47.022		
328	24	58.130	-47.618	1005.2*	5.4*
329	25	58.258	-48.549		
330	26	58.180	-49.119		
331	27	58.024	-49.113	1017.5*	4.3*
332	28				
333	29				
334	30				

BUOY(1900) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	57.385*	-51.317		
337	3				
338	4				
339	5				
340	6				
341	7				
342	8				
343	9				
344	10				
345	11				
346	12				
347	13				
348	14				
349	15				
350	16				
351	17				
352	18				
353	19				
354	20				
355	21				
356	22				
357	23				
358	24				
359	25				
360	26				
361	27				
362	28				
363	29				
364	30				
365	31				

BUOY(1921) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	72.345*	-170.794	1026.2*	
153	2	72.376	-171.007	1023.1	
154	3	72.418	-171.276	1023.4	
155	4	72.433	-171.441	1022.6	
156	5	72.440	-171.507	1018.4	
157	6	72.465	-171.543	1011.0	
158	7	72.492	-171.677	1012.9	
159	8	72.476	-171.690	1008.8	
160	9	72.499	-171.610	1012.8	
161	10	72.576	-171.637	1013.6	
162	11	72.624	-171.656	1016.2	
163	12	72.660	-171.686	1018.2	
164	13	72.722	-171.830	1017.4	
165	14	72.780	-171.969	1020.3	
166	15			1020.7	
167	16				
168	17	73.019*	-172.413	1013.7	
169	18			1017.5	
170	19	72.977	-172.690	1013.5	
171	20	72.972	-172.886	1011.1	
172	21	73.005	-173.191	1013.8	
173	22	73.056	-173.466	1016.1	
174	23	73.130	-173.522	1015.9	
175	24			1020.3	
176	25	73.195	-173.292	1010.5	
177	26	73.174	-173.300	1011.5	
178	27	73.146	-173.417	1019.2	
179	28			1016.0	
180	29				
181	30			1023.9*	

BUOY(1921) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1019.6*	
183	2	73.022	-173.931	1019.2	
184	3	73.041	-173.858	1007.5	
185	4	73.039	-173.835	998.3	
186	5	72.977	-173.903	1011.1	
187	6	72.985	-173.756	1001.4	
188	7	72.921	-173.954	1006.0	
189	8	72.842*	-173.976	1007.6	
190	9	72.851*	-173.813	1005.0	
191	10	72.868	-173.843	1005.4	
192	11	72.864	-173.723	1001.8	
193	12	72.834	-173.444	1005.1	
194	13	72.789	-173.119	1008.6	
195	14	72.786	-173.014	1012.6	
196	15	72.788	-172.977	1019.5	
197	16	72.837	-173.090	1015.7	
198	17			1009.0	
199	18	72.917*	-173.991	1001.4	
200	19	72.863	-173.935	1008.2	
201	20	72.780	-173.879	1019.8	
202	21	72.816	-173.852	1018.9	
203	22			1013.6	
204	23				
205	24	72.978	-173.674	1013.0	
206	25	73.025	-173.634	1010.7	
207	26	73.046	-173.742	1007.4	
208	27	73.103	-173.932	1006.2	
209	28	73.193	-174.310	994.5	
210	29			995.3	
211	30	73.127	-174.985	1001.5	
212	31	73.064	-175.167	1009.1	

BUOY(1921) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	72.970*	-175.422	1015.7	
214	2			1017.6	
215	3	73.012	-175.165	1011.8	
216	4	73.052	-175.295	1008.6	
217	5				
218	6	72.902	-175.779	1026.1	
219	7	72.831	-175.762	1024.8	
220	8	72.791	-175.535	1022.0	
221	9	72.798	-174.945	1016.9	
222	10	72.727	-174.724	1017.8	
223	11	72.768*	-174.669	1015.5	
224	12				
225	13				
226	14				
227	15				
228	16				
229	17				
230	18				
231	19				
232	20				
233	21				
234	22				
235	23				
236	24				
237	25				
238	26				
239	27				
240	28				
241	29				
242	30				
243	31				

BUOY(1926) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1				
275	2				
276	3				
277	4				
278	5				
279	6				
280	7	73.500*	-135.813	1022.2	-6.0
281	8	73.483	-135.937	1026.5	-14.0
282	9	73.437	-136.341	1021.8	-11.7
283	10	73.518	-136.738	1025.4	-9.2
284	11	73.605	-137.112	1022.9	-8.5
285	12	73.742	-137.327	1017.9	-8.5
286	13	73.820	-137.723	1017.1	-9.7
287	14	73.877	-138.172	1018.6	-11.5
288	15	73.909	-138.715	1021.8	-14.4
289	16	73.882	-139.183	1026.4	-18.5
290	17	73.813	-139.385	1030.5	-24.4
291	18	73.725	-139.652	1026.7	-23.5
292	19	73.691	-140.003	1032.4	-22.8
293	20	73.647	-140.384	1035.1	-22.7
294	21	73.609	-140.510	1034.2	-26.9
295	22	73.623	-140.778	1020.8	-22.4
296	23	73.609	-141.159	1032.2	-26.3
297	24	73.620	-141.575	1030.0	-28.7
298	25	73.645	-142.154	1025.7	-28.3
299	26	73.618	-142.672	1017.5	-26.9
300	27	73.562	-143.186	1018.6	-27.3
301	28	73.513	-143.672	1016.8	-27.9
302	29	73.458	-144.108	1012.6	-23.1
303	30	73.401	-144.460	1005.2	-23.7
304	31	73.319	-144.814	1004.6	-22.5

BUOY(1926) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	73.196	-145.174	1015.1	-25.0
306	2	73.097	-145.378	1026.7	-27.8
307	3	73.051	-145.470	1024.7	-31.3
308	4	73.054	-145.843	1013.5	-30.3
309	5	73.039	-146.248	1003.7	-25.7
310	6			1003.6	-22.0
311	7	72.938	-146.684	1013.3	-24.1
312	8	72.908	-146.752	1016.7	-30.3
313	9	72.909	-146.908	1019.0	-32.3
314	10	72.904	-147.181	1021.6	-27.5
315	11	72.962	-147.924	1012.4	-25.2
316	12	73.071	-148.927	1005.9	-24.1
317	13	73.174	-149.766	1005.4	-21.9
318	14	73.343	-150.107	1009.1	-20.1
319	15	73.446	-150.325	1013.3	-21.9
320	16				
321	17	73.516	-150.674	1014.0	-24.6
322	18	73.479	-150.498	1026.1	-24.7
323	19			1019.8	-20.1
324	20	73.474	-150.685	1027.8	-28.4
325	21	73.457	-150.923	1032.5	-32.4
326	22	73.452	-151.052	1027.1	-29.7
327	23	73.433	-151.228	1031.4	-33.3
328	24	73.378	-151.657	1021.4	-34.7
329	25	73.347	-151.989	1015.7	-36.0
330	26	73.310	-152.142	1022.3	-33.4
331	27	73.278	-152.322	1011.6	-35.5
332	28	73.276	-152.473	1004.2	-38.1
333	29	73.299	-152.663	998.4	-34.9
334	30	73.284*	-152.597		

BUOY(1926) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2			986.1	-32.5
337	3	73.233	-153.091	992.5	-28.6
338	4	73.167	-153.062	1007.3	-27.6
339	5	73.080	-153.260	1009.0	-28.9
340	6	72.990	-153.496	1009.2	-31.9
341	7			1019.0	-32.6
342	8	73.009	-153.603	1022.5	-34.6
343	9	73.131	-153.836	1015.3	-31.4
344	10	73.181	-153.856	1006.9	-29.4
345	11	73.123	-153.710	1016.3	-31.1
346	12	73.103	-153.509	1032.5	-36.8
347	13	73.112	-153.489	1035.4	-39.6
348	14	73.207	-153.742	1020.9	-35.8
349	15	73.297	-154.114	1013.3	-33.6
350	16	73.309	-154.302		
351	17	73.317	-154.526	1007.8	-37.2
352	18	73.404	-155.255	993.0	-29.1
353	19	73.491	-155.966	984.2	-25.0
354	20	73.537	-156.080	1000.2	-25.0
355	21	73.550	-156.080	1008.5	-27.0
356	22	73.562	-156.146	1018.9	-27.9
357	23	73.589	-156.276	1024.3	-33.4
358	24	73.607	-156.550	1018.6	-33.9
359	25	73.618	-156.850	1029.1	-32.6
360	26	73.580	-157.041	1043.6	-33.0
361	27	73.565	-157.159	1046.3	-36.4
362	28	73.545	-157.604	1041.0	-37.8
363	29	73.518	-157.707	1024.2	-38.1
364	30	73.480*	-157.651	1014.3	-37.9
365	31				

BUOY(1929) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1			1038.7*	-18.4*
2	2			1021.8	-16.8
3	3			1017.5	-17.0
4	4			1024.4	-17.4
5	5			1032.0	-17.6
6	6			1028.4	-16.3
7	7			1018.0	-14.3
8	8			1009.0	-13.2
9	9			1013.4	-13.9
10	10			1016.2	-15.8
11	11			1018.2	-17.2
12	12			1012.4	-16.9
13	13			1011.2	-16.4
14	14			1010.0	-15.6
15	15			1009.3	-16.0
16	16			1010.0	-17.6
17	17			1009.5	-17.7
18	18			1011.5	-16.8
19	19			1003.5	-15.3
20	20			1004.5	-14.9
21	21			1011.7	-16.7
22	22			1006.0	-16.1
23	23			1000.0	-16.2
24	24			1003.5	-16.8
25	25			1017.4	-17.6
26	26			1018.2	-17.8
27	27			1015.9	-18.2
28	28			1017.1	-18.4
29	29			1016.1	-17.5
30	30			1018.0	-17.3
31	31			1016.8	-17.4

BUOY(1929) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1			994.2	-16.5
33	2			1001.7	-16.7
34	3			1017.4	-17.4
35	4			1026.2	-17.5
36	5			1026.9	-17.0
37	6			1027.0	-16.9
38	7				
39	8				
40	9			1047.1	-17.7
41	10				
42	11			1046.3	-17.2
43	12			1031.1	-15.4
44	13			1023.1	-14.7
45	14			1011.5*	-14.9*
46	15				
47	16			1021.3	-14.4
48	17			1007.4	-14.7
49	18			1007.8	-14.2
50	19			1000.5	-14.8
51	20			994.9	-15.1
52	21			1007.9	-16.1
53	22			1013.8	-16.4
54	23				
55	24				
56	25				
57	26				
58	27			1037.2*	-18.6*
59	28				

BUOY(1929) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1				
153	2			1019.9*	-3.3*
154	3			1019.6	-3.0
155	4			1016.3	-2.3
156	5				
157	6			1008.0	-1.8
158	7			1010.6*	-1.6*
159	8			1014.7*	-1.2*
160	9				
161	10				
162	11				
163	12				
164	13				
165	14				
166	15				
167	16				
168	17				
169	18				
170	19				
171	20				
172	21				
173	22				
174	23				
175	24				
176	25				
177	26				
178	27				
179	28				
180	29				
181	30				

BUOY(1930) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2				
3	3	83.209*	179.101	1008.7	-20.1
4	4				
5	5				
6	6				
7	7				
8	8				
9	9				
10	10				
11	11				
12	12				
13	13				
14	14				
15	15				
16	16				
17	17				
18	18				
19	19	83.552	-179.028	994.6	-16.1
20	20				
21	21				
22	22				
23	23				
24	24				
25	25				
26	26				
27	27				
28	28				
29	29				
30	30				
31	31				

BUOY(1930) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1				
33	2				
34	3				
35	4				
36	5				
37	6				
38	7			1029.7	-24.6
39	8			1038.7	-25.2
40	9			1049.9	-26.1
41	10				
42	11				
43	12				
44	13				
45	14				
46	15				
47	16				
48	17				
49	18				
50	19				
51	20				
52	21				
53	22				
54	23				
55	24				
56	25				
57	26				
58	27				
59	28				

BUOY(1930) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1				
61	2			1048.3	-27.7
62	3			1051.7	-28.4
63	4			1054.8	-28.0
64	5			1047.8	-26.1
65	6			1039.6*	-25.0*
66	7			1033.8*	-23.9*
67	8			1034.6	-26.2
68	9			1036.7	-26.3
69	10			1034.2	-24.1
70	11			1032.9	-24.0
71	12			1031.0	-24.4
72	13			1028.5	-24.4
73	14			1028.2	-25.2
74	15				
75	16				
76	17				
77	18				
78	19				
79	20			1046.9	-20.9
80	21			1046.0*	-20.9*
81	22			1040.0*	-20.3*
82	23				
83	24				
84	25			1025.3	-21.0
85	26				
86	27				
87	28				
88	29				
89	30				
90	31				

BUOY(1932) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2			1024.2	-24.7
3	3			1022.5	-25.3
4	4	83.813	29.506	1010.5	-26.5
5	5	83.737	29.594	1007.3	-28.6
6	6			1014.4	-33.0
7	7			1014.0	-33.6
8	8	83.693	29.561	1013.2	-31.8
9	9	83.671	28.877	1013.4	-26.9
10	10	83.613	28.327	1006.9	-27.9
11	11	83.588*	28.379	1001.8	-31.7
12	12			1001.7*	-33.9*
13	13				
14	14				
15	15				
16	16			995.1*	-30.0*
17	17	83.400	27.333	990.9	-32.2
18	18	83.353	27.671	993.2	-32.3
19	19	83.254	28.329	998.7	-29.4
20	20	83.129	29.015	1010.8	-27.0
21	21	83.097	29.213	1003.0	-28.9
22	22	83.085	29.268	1004.8	-29.1
23	23	83.046	29.205	999.3	-31.1
24	24				
25	25			976.8*	-34.2*
26	26			977.9*	-33.8*
27	27			979.8	-31.1
28	28	82.915	29.199	996.7	-29.2
29	29	82.812	29.257	996.4	-29.0
30	30	82.740	29.372	996.4	-29.4
31	31			998.5	-31.9

BUOY(1932) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1			1008.7	-33.8
33	2			1012.6	-33.6
34	3			1010.0	-33.0
35	4			1011.5	-31.8
36	5	82.683*	28.648	1012.1	-31.7
37	6	82.705*	28.537	1010.3	-31.0
38	7	82.756	27.930	1007.3	-27.7
39	8	82.829	26.963	1006.5	-23.8
40	9				
41	10				
42	11				
43	12				
44	13			1025.3*	-22.7*
45	14			1012.6*	-17.7*
46	15				
47	16				
48	17				
49	18				
50	19			991.9*	-19.9*
51	20	83.024*	26.354	1011.3	-22.8
52	21	82.906	26.517	1012.4	-26.1
53	22	82.804*	26.144	1001.0	-26.5
54	23	82.645*	25.896	1015.0	-26.4
55	24	82.515	26.179	1029.8	-25.8
56	25	82.426	26.654	1032.1	-25.0
57	26	82.369	26.974	1028.5	-25.5
58	27	82.306*	27.022	1023.8	-27.2
59	28			1030.6	-30.2

BUOY(1932) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	82.235*	26.523	1032.9	-30.5
61	2	82.203*	26.248	1038.1	-30.1
62	3	82.171	25.987	1038.7	-28.0
63	4	82.132*	25.658	1039.9	-27.7
64	5	82.107*	25.276	1042.8	-28.3
65	6	82.086*	25.037	1036.4	-28.0
66	7	82.096*	24.854	1034.1	-26.2
67	8	82.142	24.648	1031.3	-23.0
68	9	82.205	24.394	1030.6	-21.9
69	10	82.255	24.140	1029.8	-22.8
70	11	82.327	23.990	1019.4	-20.3
71	12	82.406	23.780	1017.0	-17.9
72	13	82.457	23.466	1007.3	-19.0
73	14	82.482	22.871	1000.7	-18.6
74	15	82.402	22.404	1009.5	-23.6
75	16	82.262	22.179	1010.5	-25.2
76	17	82.119	21.940	1010.5	-24.4
77	18	82.014*	21.329	1024.7	-23.7
78	19				
79	20	81.856*	20.046	1029.4	-23.6
80	21	81.798	19.506	1025.1	-22.9
81	22	81.754	18.902	1026.2	-24.5
82	23	81.705	18.490	1018.3	-25.5
83	24	81.670*	18.213	1010.8	-26.0
84	25				
85	26				
86	27				
87	28				
88	29				
89	30				
90	31				

BUOY(1932) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2	81.424*	16.684	1014.8	-21.4
93	3	81.421*	16.384	1013.8	-20.7
94	4			1011.0	-18.3
95	5			996.5	-15.4
96	6	81.402*	14.290	1011.9	-15.7
97	7	81.384*	13.585	1022.4	-18.0
98	8	81.379	13.343	1022.5	-18.4
99	9	81.498*	13.036	1005.5	-15.3
100	10			1003.9	-13.4
101	11	81.500*	11.415	1016.3	-16.8
102	12	81.413*	11.048	1016.0	-17.9
103	13				
104	14			1023.6*	-16.1*
105	15				
106	16			1005.3*	-15.8*
107	17			1009.5*	-15.3*
108	18				
109	19				
110	20				
111	21				
112	22				
113	23				
114	24				
115	25				
116	26				
117	27				
118	28				
119	29				
120	30				

BUOY(1934) MAR.	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1				
61	2				
62	3				
63	4				
64	5				
65	6				
66	7				
67	8				
68	9				
69	10				
70	11				
71	12				
72	13				
73	14				
74	15				
75	16				
76	17				
77	18				
78	19				
79	20				
80	21				
81	22			1021.9*	-16.7*
82	23			1023.2	-17.0
83	24			1020.5*	-17.8*
84	25			1015.4*	-18.6*
85	26				
86	27				
87	28			1006.8*	-15.3*
88	29			1008.2*	-14.9*
89	30				
90	31				

BUOY(1935) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1	80.863*	-116.006	1043.1*	
2	2	80.866	-115.980	1039.4	
3	3	80.875	-115.984	1033.5	
4	4	80.915	-115.878	1029.7	
5	5	80.905	-115.845	1026.4	
6	6	80.878	-115.847	1032.6	
7	7	80.877*	-115.813	1019.9	
8	8	80.877*	-115.798	1022.7	
9	9	80.916*	-115.811	1009.5	
10	10	80.928*	-115.959	1000.8	
11	11	80.888	-115.963	1013.4	
12	12	80.886	-115.964	1013.4	
13	13	80.881	-115.905	1015.7	
14	14	80.892	-115.778	1017.1	
15	15	80.897	-115.742	1016.9	
16	16	80.891	-115.796	1002.9	
17	17	80.871	-116.039	1003.2	
18	18	80.862*	-115.881	1007.3	
19	19	80.868*	-115.668	1008.2	
20	20	80.877	-115.626	1005.9	
21	21	80.869	-115.676	1009.7	
22	22	80.866	-115.652	1021.7	
23	23	80.920	-115.687	995.0	
24	24	80.962	-115.290	997.2	
25	25	80.956	-115.265	1013.5	
26	26	80.946	-115.176	1017.1	
27	27	80.945	-115.152	1010.4	
28	28	80.946	-115.290	996.2	
29	29	80.871	-115.415	1002.6	
30	30	80.862	-115.273	1016.8	
31	31	80.859	-115.177	1027.3	

BUOY(1935) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	80.874	-115.222	1020.5	
33	2	80.906	-115.017	1004.6	
34	3	80.901	-114.928	999.9	
35	4	80.897	-114.955	1013.4	
36	5	80.898	-114.987	1018.8	
37	6	80.887	-114.979	1012.2	
38	7	80.864	-115.039	1002.3	
39	8	80.807	-115.114	1023.7	
40	9	80.762	-115.220	1030.9	
41	10	80.698	-115.361	1025.5	
42	11	80.642	-115.494	1018.3	
43	12	80.624	-115.578	1013.6	
44	13	80.631	-115.831	999.9	
45	14	80.595	-116.054	998.2	
46	15	80.596	-116.060	1005.9	
47	16	80.596*	-116.031	1003.9	
48	17	80.614*	-115.783	987.7	
49	18	80.650	-115.648	992.3	
50	19	80.649	-115.684	1003.9	
51	20	80.677	-115.456	1011.0	
52	21	80.742	-114.877	1016.5	
53	22	80.770	-114.540	1027.2	
54	23	80.805	-114.475	1028.8	
55	24	80.819	-114.480	1029.3	
56	25	80.817	-114.481	1029.7	
57	26			1033.4	
58	27	80.803	-114.461	1039.6	
59	28	80.791	-114.506	1043.4	

BUOY(1935) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	80.748	-114.770	1033.1	
61	2	80.697	-115.371	1028.3	
62	3	80.652*	-115.788	1034.9	
63	4			1037.2	
64	5	80.603	-116.499	1031.7	
65	6	80.602	-116.760	1027.1	
66	7	80.590	-116.930	1021.0	
67	8	80.555	-117.014	1023.5	
68	9	80.514	-117.005	1023.6	
69	10	80.471	-117.028	1018.5	
70	11	80.422	-117.065	1016.5	
71	12	80.380	-117.035	1016.6	
72	13	80.378	-117.064	1014.9	
73	14			1019.2	
74	15	80.383*	-117.081	1031.9	
75	16				
76	17				
77	18	80.382	-117.042	1055.7	
78	19				
79	20	80.381*	-117.074	1037.0	
80	21				
81	22				
82	23			1033.3*	
83	24				
84	25			1022.3	
85	26			1020.8	
86	27				
87	28				
88	29				
89	30				
90	31				

BUOY(1935) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8				
99	9				
100	10				
101	11				
102	12				
103	13				
104	14			1024.7*	
105	15				
106	16				
107	17				
108	18				
109	19				
110	20				
111	21				
112	22				
113	23				
114	24				
115	25				
116	26			1023.7*	
117	27	80.146*	-118.068	1021.0	
118	28	80.137*	-118.033	1015.7	
119	29	80.130	-118.048	1010.0	
120	30	80.107	-118.011	1015.2	

BUOY(1935) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	80.099*	-118.027	1016.1	
122	2			1010.3	
123	3			1004.6	
124	4			1011.1	
125	5				
126	6				
127	7				
128	8				
129	9			994.0	
130	10	79.950	-118.355	1001.7	
131	11	79.946	-118.334	1006.5	
132	12	79.945	-118.344	1014.9	
133	13	79.950	-118.275	1019.1	
134	14	80.006	-117.928	1009.1	
135	15	80.003	-117.759	1009.2	
136	16			1006.4	
137	17			1001.9	
138	18			1005.6	
139	19			1003.1	
140	20				
141	21				
142	22				
143	23				
144	24			1025.3	
145	25			1020.5	
146	26				
147	27				
148	28	79.938*	-118.639	1031.3	
149	29	79.945	-118.511	1029.8	
150	30	79.954	-118.513	1019.5	
151	31	79.942	-118.491	1012.0	

BUOY(1935) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	79.915	-118.585	1020.6	
153	2	79.873	-118.664	1019.4	
154	3	79.803	-118.979	1013.4	
155	4	79.793	-119.161	1014.5	
156	5			1020.1	
157	6	79.736*	-118.985	1023.0	
158	7	79.734	-118.948	1022.3	
159	8	79.788	-119.102	1020.7	
160	9	79.803	-119.125	1020.7	
161	10	79.786	-119.082	1020.7	
162	11	79.708	-118.992	1024.9	
163	12	79.664	-118.944	1025.4	
164	13	79.639	-118.850	1024.3	
165	14	79.637	-118.842	1026.6	
166	15	79.637	-118.844	1025.3	
167	16	79.630	-118.881	1024.0	
168	17	79.592	-118.894	1021.8	
169	18	79.577	-118.835	1022.5	
170	19	79.581	-118.832	1021.6	
171	20	79.584	-118.869	1021.4	
172	21	79.556	-118.971	1021.4	
173	22	79.513	-119.156	1020.2	
174	23	79.460*	-119.330	1023.7	
175	24	79.429*	-119.452	1023.1	
176	25	79.392	-119.412	1019.0	
177	26	79.358	-119.309	1015.0	
178	27	79.340	-119.195	1013.5	
179	28	79.345*	-119.268	1011.2	
180	29				
181	30				

BUOY(1935) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1013.1*	
183	2	79.302*	-119.736	1011.0	
184	3	79.298	-119.839	1007.6	
185	4	79.297	-119.940	1003.6	
186	5	79.279	-119.889	1001.6	
187	6				
188	7				
189	8				
190	9				
191	10				
192	11				
193	12				
194	13				
195	14				
196	15				
197	16				
198	17				
199	18				
200	19				
201	20				
202	21				
203	22				
204	23				
205	24				
206	25				
207	26				
208	27				
209	28				
210	29				
211	30				
212	31				

BUOY(1936) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1			1022.1*	-22.0*
2	2			1031.5	-26.9
3	3			1032.2	-29.8
4	4			1015.9*	-29.2*
5	5				
6	6				
7	7				
8	8				
9	9				
10	10			1007.9*	-34.8*
11	11			1003.3	-32.1
12	12				
13	13			997.9	-36.5
14	14			1000.2	-34.1
15	15				
16	16				
17	17				
18	18				
19	19				
20	20				
21	21				
22	22				
23	23				
24	24				
25	25				
26	26				
27	27				
28	28				
29	29				
30	30			998.4*	-30.4*
31	31				

BUOY(1936) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1				
33	2				
34	3			1003.0*	-26.7*
35	4			1002.6*	-24.5*
36	5			1001.7	-24.9
37	6				
38	7				
39	8			998.5*	-20.0*
40	9			997.8	-18.2
41	10			1006.1	-19.1
42	11			1007.5	-18.9
43	12			1026.1	-21.4
44	13			1017.7	-21.8
45	14			1002.0	-14.3
46	15			993.3	-8.5
47	16	81.670	-2.802	996.4	-9.8
48	17	81.603	-2.963	999.4	-13.3
49	18			998.6	-16.3
50	19			1003.1*	-21.1*
51	20				
52	21			1015.9*	-28.6*
53	22			1013.5*	-24.2*
54	23			1031.7	-22.7
55	24			1036.6	-23.2
56	25			1034.2*	-25.9*
57	26				
58	27			1030.2*	-20.5*
59	28			1028.3	-21.9

BUOY(1936) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1			1031.9	-26.7
61	2			1036.4	-27.5
62	3			1036.8	-25.5
63	4			1038.7	-22.9
64	5			1034.5*	-24.6*
65	6			1031.2*	-25.3*
66	7			1021.7*	-23.7*
67	8			1007.7*	-19.2*
68	9			1006.1	-12.0
69	10	77.431	-8.402	1010.2	-10.0
70	11	77.274	-8.875	1001.0	-9.6
71	12	77.114	-9.127	1009.8	-10.8
72	13	77.036*	-9.309	1007.6	-12.9
73	14	76.915*	-9.506	1012.8	-15.0
74	15			1019.7	-17.3
75	16	76.634*	-10.352	1026.1	-17.4
76	17			1028.5	-17.6
77	18			1030.8	-16.1
78	19				
79	20			1030.0*	-18.3*
80	21	75.146*	-13.578	1021.9	-17.0
81	22			1020.3*	-18.9*
82	23			1022.1*	-19.2*
83	24			1019.9*	-19.1*
84	25			1014.8	-18.5
85	26			1014.3	-18.8
86	27			1012.9	-16.2
87	28			1005.4	-14.0
88	29			1006.9	-15.2
89	30			1007.3	-15.8
90	31			1004.7*	-11.8*

BUOY(1936) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1			1001.5*	-9.1*
92	2			1013.7*	-11.2*
93	3			1016.1*	-8.9*
94	4			1007.6*	-7.3*
95	5			1007.2	-7.8
96	6			1003.8*	-7.1*
97	7			998.1*	-7.0*
98	8			995.1*	-7.2*
99	9			987.8	-7.9
100	10			1004.8*	-9.4*
101	11	70.320	-18.535	1014.2	-9.0
102	12			1020.6	-8.2
103	13			1014.8	-8.2
104	14			1032.9*	-7.7*
105	15			1027.5*	-7.0*
106	16			1012.4*	-5.3*
107	17	69.515*	-19.159	1022.6	-3.0
108	18	69.418	-19.295	1026.5	-2.6
109	19	69.277	-19.043	1021.2	-1.0
110	20	69.184	-19.196	1037.4	-2.0
111	21	69.084	-19.412	1042.7	-4.6
112	22	69.013	-19.533	1041.6	-6.4
113	23			1034.6	-7.0
114	24			1028.0	-5.3
115	25	68.834	-19.790	1026.9	-5.1
116	26			1033.1	-6.0
117	27	68.802*	-20.079	1017.5*	-6.8*
118	28			1020.0*	-6.5*
119	29			1019.0	-7.3
120	30	68.659*	-20.493	1020.3	-6.4

BUOY(1936) MAY	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)	BUOY(1936) JUNE	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	68.630*	-20.388	1018.6	-4.4	152	1	65.947	-32.380	1024.1	1.9
122	2	68.615*	-20.497	1014.0	-3.6	153	2			1022.5	1.6
123	3			1014.0	-3.8	154	3	66.123	-33.988	1021.2	1.3
124	4	68.569*	-21.324	1020.6	-5.6	155	4	66.265	-34.345	1017.5	2.8
125	5	68.330	-22.004	1020.9	-5.7	156	5	66.055	-34.851	1013.5	3.4
126	6			1024.2	-5.8	157	6			1013.8	2.6
127	7			1029.5	-5.6	158	7	65.362	-35.154	1014.2	1.6
128	8			1029.9*	-5.2*	159	8	65.206	-35.605	1016.6	.6
129	9			1018.7*	-2.7*	160	9			1015.0	.8
130	10			1008.5	.6	161	10				
131	11	67.213*	-25.581	1007.6	.5	162	11				
132	12	67.044*	-25.736	1016.6	-.5	163	12				
133	13	67.100	-26.962	1013.6	-1.1	164	13				
134	14			1014.6	-1.9	165	14				
135	15			1003.3	-.6	166	15				
136	16	67.026*	-28.963	1017.2	.8	167	16				
137	17	66.961	-28.911	1018.0	1.0	168	17				
138	18	66.945	-29.157	1014.6	.2	169	18				
139	19	67.012	-29.945	1009.6	.2	170	19				
140	20	67.178	-30.483	1012.3	1.5	171	20				
141	21	67.215	-30.770	1012.4	2.0	172	21				
142	22	67.122	-30.880	1016.5	1.7	173	22				
143	23	67.086	-30.786	1011.2	1.6	174	23				
144	24			1011.8	.8	175	24			1023.8	3.2
145	25	66.985	-30.919	1018.7	.6	176	25				
146	26	66.826	-30.855	1021.7	1.6	177	26				
147	27	66.700	-30.767	1021.6	1.2	178	27				
148	28			1019.1	.8	179	28				
149	29	66.459	-30.946	1020.4	.8	180	29				
150	30	66.211	-31.288	1020.7	.8	181	30				
151	31	65.976	-31.665	1023.3	1.3						

BUOY(1939) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1			1022.0*	-29.3*
2	2				
3	3			1005.8	-18.9
4	4	72.965	-143.728	1016.9	-16.5
5	5	72.945	-143.831	1028.1	-16.0
6	6	72.937*	-144.031	1034.7	-19.6
7	7				
8	8			1005.0	-20.9
9	9	73.195	-144.686	1001.4	-16.4
10	10	73.172	-144.723	1004.5	-16.4
11	11	73.167	-145.009	1001.0	-16.4
12	12	73.133	-145.086	1008.8	-14.1
13	13	73.115	-145.068	1018.5	-15.6
14	14	73.113	-145.159	1011.2	-17.0
15	15	73.101	-145.420	996.9	-14.3
16	16	73.055	-145.518	992.5	-13.2
17	17	73.044	-145.545	1007.8	-14.0
18	18	73.064	-145.882	1002.1	-14.8
19	19	73.022	-146.151	996.1	-13.7
20	20	72.989	-146.340	992.7	-12.8
21	21	72.972	-146.357	1010.7	-14.0
22	22	73.008	-146.625	999.9	-13.5
23	23	72.990	-146.490	1002.3	-14.2
24	24			1011.1	-18.9
25	25			1015.9	-18.4
26	26			998.0	-16.5
27	27			996.1	-12.4
28	28			1011.0	-15.9
29	29				
30	30				
31	31				

BUOY(1939) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1				
33	2				
34	3			1015.5	-14.1
35	4			1020.4*	-14.0*
36	5				
37	6			1037.5*	-25.6*
38	7	73.029	-147.485	1036.3	-26.0
39	8			1051.3	-26.8
40	9	72.984	-147.540	1044.3	-28.2
41	10				
42	11			1041.4*	-26.9*
43	12			1033.9	-24.1
44	13				
45	14				
46	15	72.759*	-147.855	1004.9*	-26.2*
47	16				
48	17				
49	18	72.752*	-147.773	1002.5*	-25.3*
50	19			1006.0	-25.3
51	20				
52	21				
53	22				
54	23	72.755*	-147.819	1026.2*	-21.8*
55	24			1026.7	-20.5
56	25			1021.6*	-22.4*
57	26			1022.0*	-21.6*
58	27	72.747	-147.962	1027.8	-20.4
59	28	72.760	-148.431	1016.9*	-19.1*

BUOY(1939) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1				
61	2				
62	3				
63	4				
64	5				
65	6				
66	7				
67	8				
68	9			1017.6	-18.9
69	10				
70	11				
71	12				
72	13				
73	14				
74	15				
75	16				
76	17				
77	18				
78	19				
79	20			1020.4	-13.1
80	21				
81	22				
82	23				
83	24				
84	25				
85	26	72.884	-155.682	1022.2	-22.6
86	27	72.886	-155.681	1016.6	-22.8
87	28	72.869	-155.684	1020.2	-22.4
88	29	72.861	-155.705	1020.8	-21.9
89	30	72.860	-155.746	1015.5	-20.4
90	31			1010.6	-20.0

BUOY(1939) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1			1005.3	-18.5
92	2				
93	3	73.029*	-156.809	1003.9	-15.8
94	4				
95	5				
96	6				
97	7	73.061	-157.500	1020.4	-15.7
98	8	73.068	-157.686	1016.0	-15.3
99	9			1029.4	-19.8
100	10			1040.3	-19.6
101	11				
102	12			1043.9	-17.3
103	13			1047.6	-17.2
104	14				
105	15				
106	16				
107	17				
108	18				
109	19			1011.8*	-14.4*
110	20				
111	21				
112	22				
113	23				
114	24				
115	25				
116	26			1021.3	-12.0
117	27				
118	28				
119	29			1009.0	-11.5
120	30				

BUOY(1941) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2				
3	3				
4	4				
5	5				
6	6	74.780	-170.204	1027.3	-18.5
7	7	74.860	-170.369	1020.4	-17.8
8	8	74.874	-170.598	1003.1	-19.6
9	9	74.842	-170.700	1006.2	-21.4
10	10			1010.6	-21.6
11	11			1014.5	-21.3
12	12				
13	13				
14	14				
15	15				
16	16			1008.9	-23.1
17	17				
18	18				
19	19	74.666	-170.786	1006.8	-16.5
20	20	74.659	-170.773	1004.4	-14.9
21	21	74.658	-170.793	1010.6	-14.6
22	22	74.681	-170.915	998.7	-15.3
23	23	74.633	-170.856	997.8	-14.9
24	24	74.603*	-170.648	1013.5	-17.4
25	25				
26	26				
27	27				
28	28				
29	29				
30	30				
31	31				

BUOY(1942) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1	88.221*	-136.554	1043.8*	-34.4*
2	2	88.224	-136.555	1043.0	-36.0
3	3	88.275	-136.646	1029.1	-33.1
4	4	88.372	-135.924	1010.8	-31.2
5	5	88.402	-133.696	1018.4	-33.8
6	6	88.421	-131.587	1021.2	-32.6
7	7	88.427	-130.695	1008.7	-32.7
8	8	88.436	-130.749	1015.4	-38.2
9	9	88.463	-130.897	1012.8	-34.2
10	10	88.481	-130.844	1006.1	-32.1
11	11	88.463	-129.695	1004.3	-40.8
12	12	88.485	-128.713	1011.3	-46.6
13	13	88.494	-128.077	1006.0	-46.8
14	14	88.528	-127.522	1002.0	-44.1
15	15	88.535	-126.468	1005.5	-41.7
16	16	88.553	-124.647	1000.2	-35.1
17	17	88.566	-123.309	996.1	-35.8
18	18	88.594	-120.245	988.5	-34.1
19	19	88.616	-116.586	992.3	-29.8
20	20	88.643	-114.530	999.0	-32.8
21	21	88.659	-113.199	1003.2	-35.6
22	22	88.688	-110.996	1001.3	-35.2
23	23	88.708	-107.196	998.0	-37.1
24	24	88.725	-105.724	989.1	-40.0
25	25	88.717	-100.241	989.3	-33.1
26	26	88.640	-95.759	994.9	-26.1
27	27	88.590	-92.275	996.5	-27.1
28	28	88.579	-90.774	999.6	-33.1
29	29	88.560	-88.738	1000.2	-37.1
30	30	88.537	-85.338	992.2	-33.0
31	31	88.499	-82.509	1004.8	-25.6

BUOY(1942) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	88.488	-81.052	1014.7	-29.1
33	2	88.500	-80.303	1007.5	-32.9
34	3	88.518	-80.072	1008.2	-35.0
35	4	88.505	-80.069	1012.1	-35.9
36	5	88.492	-80.088	1011.8	-33.2
37	6	88.477	-80.866	1006.0	-28.1
38	7	88.460	-82.092	1018.8	-27.5
39	8	88.410	-83.517	1027.1	-30.7
40	9	88.330	-84.356	1033.1	-28.8
41	10	88.243	-85.561	1026.0	-23.7
42	11	88.169	-86.761	1020.0	-24.6
43	12	88.147	-86.864	1017.7	-24.7
44	13	88.168	-86.656	1016.7	-31.3
45	14	88.165	-90.741	996.5	-22.2
46	15	88.157	-91.634	1000.1	-16.5
47	16	88.131	-93.274	996.2	-12.3
48	17	88.146	-95.380	1006.0	-22.1
49	18	88.125	-92.994	981.8	-23.9
50	19	88.203	-86.565	978.4	-26.6
51	20	88.309	-80.022	994.0	-29.1
52	21	88.402	-73.749	1001.9	-30.5
53	22	88.417	-70.604	1006.5	-29.4
54	23	88.403	-66.421	1018.1	-27.6
55	24	88.402	-62.578	1022.2	-32.0
56	25	88.418	-58.773	1022.1	-32.6
57	26	88.432	-54.940	1021.2	-31.4
58	27	88.372	-53.723	1033.9	-35.0
59	28	88.365	-53.852	1045.3	-39.1

BUOY(1942) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	88.353	-53.901	1047.7	-39.8
61	2	88.339	-54.711	1046.9	-38.1
62	3	88.319	-56.377	1046.9	-36.3
63	4	88.305	-57.585	1050.9	-36.1
64	5	88.302	-58.839	1053.8	-36.8
65	6	88.310	-59.546	1046.7	-36.6
66	7	88.302	-60.503	1036.4	-36.0
67	8	88.318	-62.443	1031.8	-30.0
68	9	88.319	-64.406	1028.6	-25.3
69	10	88.320	-66.533	1025.6	-24.8
70	11	88.297	-69.109	1018.3	-24.5
71	12	88.274	-71.195	1016.1	-21.5
72	13	88.241	-72.884	1012.3	-21.0
73	14	88.210	-72.832	1019.4	-31.2
74	15	88.191	-71.151	1021.0	-34.8
75	16	88.133	-68.466	1022.2	-26.8
76	17	88.071	-66.123	1033.4	-22.1
77	18	87.994	-63.928	1044.2	-24.6
78	19				
79	20	87.944	-62.725	1048.0	-29.2
80	21	87.940	-62.534	1045.1	-27.7
81	22	87.939	-61.918	1037.6	-25.4
82	23	87.941	-61.929	1034.5	-24.5
83	24	87.934	-62.153	1029.6	-27.8
84	25	87.928	-62.111	1019.9	-24.4
85	26	87.932	-62.073	1018.8	-26.7
86	27	87.930	-62.113	1013.4	-28.7
87	28	87.926	-62.085	1010.4	-33.4
88	29	87.928	-61.922	1008.5	-35.5
89	30	87.916	-60.417	1005.8	-33.7
90	31	87.877	-57.735	1008.9	-29.9

BUOY(1942) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1	87.845	-56.497	1018.2	-26.3
92	2	87.828	-56.056	1020.4	-27.1
93	3	87.813	-55.882	1021.2	-26.7
94	4	87.813	-55.862	1020.8	-25.6
95	5	87.815	-55.882	1018.1	-25.4
96	6	87.810	-56.065	1024.0	-25.0
97	7	87.807	-56.206	1029.6	-22.6
98	8	87.816	-56.891	1020.1	-20.9
99	9	87.831	-59.906	1016.8	-16.1
100	10	87.791	-62.899	1028.4	-19.4
101	11	87.749	-62.709	1032.7	-21.4
102	12	87.733	-62.594	1033.3	-19.5
103	13	87.700	-62.377	1027.8	-15.9
104	14	87.690	-62.332	1029.6	-17.2
105	15	87.674	-62.379	1018.6	-18.2
106	16	87.674	-62.257	1015.0	-17.5
107	17	87.687	-62.191	1014.9	-20.5
108	18	87.689	-61.391	1013.1	-21.0
109	19	87.682	-60.906	1012.8	-20.1
110	20	87.668	-60.017	1021.1	-19.0
111	21	87.643	-58.225	1032.0	-17.5
112	22	87.603	-56.399	1034.7	-16.3
113	23	87.597	-55.728	1028.9	-14.8
114	24	87.575	-54.847	1031.8	-14.3
115	25	87.532	-53.649	1035.8	-15.8
116	26	87.512	-52.521	1026.4	-15.4
117	27	87.498*	-51.785	1017.3	-15.0
118	28	87.468*	-51.449	1017.2	-14.7
119	29	87.473	-51.208	1019.9	-15.2
120	30	87.468	-51.390	1023.2	-15.2

BUOY(1942) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	87.472	-51.734	1023.4	-14.4
122	2	87.485	-52.260	1020.8	-13.7
123	3	87.527	-53.309	1026.7	-11.8
124	4	87.546	-54.259	1029.8	-11.5
125	5	87.554	-55.483	1029.5	-11.9
126	6	87.547	-56.226	1033.1	-10.8
127	7	87.527	-56.112	1029.6	-9.0
128	8	87.518	-55.272	1017.0	-8.4
129	9	87.524	-54.906	1003.7	-7.9
130	10	87.528	-55.563	998.5	-8.3
131	11	87.498	-55.244	1002.0	-6.6
132	12	87.461	-53.886	1008.9	-8.7
133	13	87.412	-51.904	1016.6	-9.8
134	14	87.393	-50.384	1018.9	-8.4
135	15	87.410	-49.755	1017.8	-5.4
136	16	87.435	-49.902	1010.2	-5.9
137	17	87.420	-49.284	1009.2	-7.6
138	18	87.386	-48.127	1009.5	-8.5
139	19	87.356	-47.777	1017.1	-8.0
140	20	87.367	-48.544	1014.4	-6.5
141	21	87.376	-49.916	1007.9	-5.4
142	22	87.329	-50.700	1004.3	-4.1
143	23	87.264	-51.151	1009.8	-3.6
144	24	87.217	-51.248	1025.3	-4.5
145	25	87.213	-50.996	1028.1	-2.9
146	26	87.193	-50.192	1023.6	-4.1
147	27	87.141	-48.809	1018.7	-4.2
148	28	87.081	-48.254	1023.8	-.4
149	29	87.030	-47.151	1021.0	-.2
150	30	86.989	-46.254	1016.5	-.0
151	31	86.954	-45.183	1014.9	-.7

BUOY(1942) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	86.885	-44.028	1010.1	-1.4
153	2	86.841	-44.018	1022.3	-2.1
154	3	86.804	-43.394	1018.0	-2.0
155	4	86.803	-43.654	1021.4	-.5
156	5	86.800	-43.644	1017.5	1.0
157	6	86.799	-43.330	1017.7	-.3
158	7	86.769	-42.526	1017.7	.8
159	8	86.755	-42.436	1019.3	1.0
160	9	86.755	-42.487	1022.0	1.9
161	10	86.752	-42.553	1023.3	1.3
162	11	86.752	-42.687	1023.9	.8
163	12	86.731	-42.791	1020.6	.8
164	13	86.728	-42.758	1022.7	2.0
165	14	86.728	-42.778	1023.8	3.1
166	15	86.729	-42.763	1025.5	4.8
167	16	86.730	-42.762	1024.8	6.9
168	17	86.728	-42.766	1016.9	4.3
169	18	86.720	-42.971	1014.8	2.9
170	19	86.716	-42.927	1016.2	3.5
171	20	86.718	-42.960	1021.6	3.3
172	21	86.716	-43.014	1018.0	2.5
173	22	86.715	-43.030	1013.6	2.9
174	23	86.708	-42.978	1022.6	3.4
175	24	86.704	-42.712	1022.5	4.0
176	25	86.703	-42.585	1018.6	5.3
177	26	86.703	-42.485	1016.7	7.4
178	27	86.703	-42.443	1015.2	6.9
179	28	86.704	-42.462	1018.8	5.8
180	29			1014.3	3.5
181	30			1015.0*	4.7*

BUOY(1942) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	86.708*	-42.710	1015.5*	4.1*
183	2	86.697	-42.928	1012.8	5.1
184	3	86.667	-43.653	1011.6	2.4
185	4	86.670	-44.557	1007.7	2.0
186	5	86.673	-44.567	1007.6	5.6
187	6	86.692	-44.836	1005.6	4.1
188	7	86.696	-45.008	1007.8	5.4
189	8	86.708	-44.441	1018.9	4.4
190	9	86.732	-44.679	1022.1	3.4
191	10	86.761	-44.882	1020.1	3.2
192	11	86.756	-44.681	1018.9	4.0
193	12	86.766	-44.975	1007.8	5.3
194	13	86.771	-44.883	1008.1	4.9
195	14	86.729	-43.594	1009.7	2.9
196	15	86.743	-43.708	1005.8	3.2
197	16	86.740	-44.011	999.9	2.8
198	17	86.667	-43.103	1000.1	1.8
199	18	86.605	-41.114	995.4	1.6
200	19	86.515	-40.274	1006.9	1.7
201	20	86.496	-39.240	1001.4	1.6
202	21	86.485	-38.059	999.2	1.7
203	22	86.462	-36.783	1000.6	1.8
204	23	86.462	-35.853	1001.7	2.1
205	24	86.459	-34.909	1007.3	2.5
206	25	86.436	-35.350	999.3	1.7
207	26	86.359	-34.398	1004.9	1.2
208	27	86.324	-32.879	1009.8	1.5
209	28	86.292	-32.035	1016.6	3.2
210	29	86.290	-32.099	1017.3	3.8
211	30	86.286	-32.617	1008.3	2.2
212	31	86.292	-32.393	1001.8	2.3

BUOY(1942) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	86.317	-31.714	1001.3	2.1
214	2	86.317	-30.728	1007.6	3.0
215	3	86.312	-30.389	1011.1	3.7
216	4	86.282	-30.725	1010.2	1.5
217	5	86.196	-30.724	1003.7	.7
218	6	86.091	-29.571	1006.3	1.9
219	7			1006.3	3.4
220	8	86.127	-28.759	1006.1	1.6
221	9	86.154	-28.334	1010.5	1.5
222	10	86.209	-28.350	1013.1	.7
223	11	86.276	-28.490	1005.6	.8
224	12	86.316	-28.117	1011.5	.2
225	13	86.333	-27.916	1011.2	.4
226	14	86.396	-28.185	1004.9	1.0
227	15	86.436	-27.830	1005.7	.9
228	16	86.407	-27.568	996.1	.6
229	17	86.334	-26.591	1003.3	-.6
230	18	86.340	-26.122	1002.9	-1.7
231	19	86.344	-25.413	1006.2	-.4
232	20	86.340	-24.701	1008.3	.6
233	21	86.329	-24.252	1010.8	.8
234	22	86.316	-23.661	1012.4	.3
235	23	86.282	-23.228	1013.2	-.8
236	24	86.334	-22.874	1001.5	-1.8
237	25	86.361	-22.368	1004.9	-1.8
238	26	86.331	-22.225	1010.3	-1.2
239	27	86.419	-22.632	1006.8	-.3
240	28	86.501	-22.539	1013.5	-.2
241	29	86.679	-24.066	1005.1	.5
242	30	86.745	-24.403	1006.4	.5
243	31	86.865	-24.875	1003.4	-.2

BUOY(1942) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	86.918	-24.857	1013.9	-1.7
245	2	86.887	-25.036	1008.8	-2.1
246	3	86.880	-26.806	1000.9	-.7
247	4	86.775	-28.575	1014.9	-.8
248	5	86.703	-28.996	1013.0	-2.3
249	6	86.659	-28.888	1011.6	-2.3
250	7	86.603	-29.082	1025.2	-1.8
251	8	86.558	-29.044	1034.9	-3.6
252	9	86.546	-29.180	1036.4	-3.7
253	10	86.596	-29.917	1031.9	-4.9
254	11	86.723	-30.700	1021.3	-4.7
255	12	86.852	-30.963	1021.3	-5.1
256	13	86.949	-30.694	1022.1	-3.5
257	14	86.970	-30.795	1022.5	-2.8
258	15	86.891	-30.259	1022.3	-4.9
259	16	86.847	-29.002	1018.5	-5.8
260	17	86.813	-28.067	1015.4	-5.9
261	18	86.766	-27.673	1018.7	-6.8
262	19	86.723	-27.326	1022.5	-7.3
263	20	86.686	-26.035	1017.8	-6.9
264	21	86.695	-25.049	1005.5	-9.9
265	22	86.711	-24.045	1005.7	-9.9
266	23			1008.5	-9.0
267	24	86.705	-23.076	1014.4	-10.5
268	25	86.601	-22.930	1009.4	-9.2
269	26	86.610	-21.823	1013.2	-11.0
270	27	86.657	-21.688	1015.9	-13.1
271	28	86.685	-21.719	1015.6	-12.2
272	29	86.652	-21.134	1020.3	-11.6
273	30	86.603	-20.371	1019.6	-11.9

BUOY(1942) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	86.532	-20.268	1024.2	-12.9
275	2	86.356	-20.731	1020.9	-10.4
276	3	86.234	-21.426	1026.1	-11.2
277	4	86.105	-21.691	1039.2	-12.9
278	5	86.011	-21.477	1041.0	-14.9
279	6	86.014	-21.533	1037.7	-16.0
280	7	86.065	-21.338	1031.4	-12.4
281	8	86.057	-21.020	1028.8	-11.7
282	9	86.049	-20.981	1033.5	-11.3
283	10	86.021	-21.451	1036.6	-12.8
284	11	85.972	-21.598	1037.7	-13.7
285	12	85.941	-21.614	1032.8	-10.8
286	13	85.929	-22.261	1030.7	-8.6
287	14	85.959	-23.665	1022.7	-9.3
288	15	85.971	-24.704	1019.8	-12.3
289	16	85.968	-26.948	1005.9	-9.1
290	17	85.970	-29.246	999.6	-7.5
291	18	85.902	-29.532	999.4	-7.9
292	19	85.831	-28.052	1011.4	-7.2
293	20	85.812	-26.806	1013.4	-6.7
294	21	85.817	-26.835	1013.4	-6.5
295	22	85.819	-27.664	1014.9	-6.5
296	23	85.792	-28.158	1019.3	-6.8
297	24	85.744	-28.638	1020.7	-7.0
298	25	85.701	-28.413	1024.3	-6.9
299	26	85.703	-28.706	1013.1	-6.6
300	27	85.689	-28.397	1016.8	-6.0
301	28	85.709	-27.770	1022.8	-6.1
302	29	85.711	-27.673	1027.5	-6.2
303	30	85.724	-27.586	1023.5	-6.7
304	31	85.709	-27.338	1024.3	-7.2

BUOY(1942) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	85.713	-27.078	1023.1	-7.6
306	2	85.714	-27.392	1014.3	-7.7
307	3	85.717	-27.745	1014.1	-7.5
308	4	85.714	-28.001	1013.4	-7.7
309	5	85.677	-27.763	1014.4	-7.5
310	6	85.651	-27.637	1007.7	-7.7
311	7	85.610	-27.225	1013.9	-8.2
312	8	85.583	-26.812	1016.2	-8.6
313	9	85.565	-26.962	1009.2	-8.8
314	10	85.484	-26.974	1010.2	-8.7
315	11	85.433	-26.526	1007.0	-9.5
316	12	85.287	-25.252	1007.7	-10.7
317	13	85.156	-23.546	1002.0	-10.5
318	14	85.072	-22.124	1002.0	-10.0
319	15	85.013	-21.154	1000.7	-9.5
320	16	84.931	-20.506	1006.0	-9.2
321	17	84.814	-20.067	1015.2	-8.8
322	18	84.738	-19.533	1018.0	-8.8
323	19	84.709	-19.439	1020.4	-9.0
324	20	84.706	-19.504	1026.1	-9.1
325	21	84.660	-19.513	1024.8	-9.1
326	22	84.568	-19.753	1027.6	-8.6
327	23	84.486	-19.791	1032.6	-8.0
328	24	84.434	-20.014	1028.1	-7.8
329	25	84.445	-20.163	1022.5	-7.9
330	26	84.442	-20.124	1021.2	-8.2
331	27	84.450	-19.877	1010.6	-8.6
332	28	84.442	-19.412	1014.7	-9.0
333	29	84.427	-19.401	1004.8	-8.8
334	30	84.379*	-19.234		

BUOY(1942) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	84.353	-18.909	1008.0	-9.4
337	3	84.332	-18.646	1017.8	-9.9
338	4	84.293	-18.235	1018.8	-10.4
339	5	84.244	-17.621	1008.9	-10.9
340	6	84.159	-17.242	1025.9	-10.8
341	7	84.058	-16.826	1040.4	-10.6
342	8	84.008	-16.331	1025.4	-11.2
343	9	83.827	-15.648	1045.5	-10.8
344	10	83.792	-15.530	1040.6	-10.4
345	11	83.796	-15.486	1024.7	-10.9
346	12	83.760	-15.211	1017.6	-11.2
347	13	83.690	-14.687	1019.1	-10.7
348	14	83.597	-13.991	1019.0	-10.4
349	15	83.417	-13.047	1022.3	-10.3
350	16	83.246	-12.054	1021.4	-10.4
351	17	83.158*	-11.552	1018.8	-10.3
352	18			1018.7	-10.2
353	19				
354	20				
355	21				
356	22				
357	23				
358	24				
359	25				
360	26				
361	27				
362	28				
363	29				
364	30				
365	31				

BUOY(1943) JAN. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1	82.047*	-145.556	1044.2*	-34.1*
2	2	82.096	-145.700	1036.4	-33.1
3	3	82.173	-146.147	1018.3	-29.5
4	4	82.233	-145.758	1024.7	-31.2
5	5	82.247	-145.589	1027.5	-31.6
6	6	82.236	-145.411	1034.0	-32.8
7	7	82.260	-145.216	1018.1	-27.1
8	8	82.268	-145.274	1016.4	-27.6
9	9	82.292	-145.443	1004.0	-24.6
10	10	82.265	-145.560	1007.9	-28.6
11	11	82.248	-145.404	1013.5	-32.9
12	12	82.276	-145.165	1014.2	-34.7
13	13	82.292	-144.980	1010.7	-33.1
14	14	82.333	-144.584	1008.1	-30.0
15	15	82.338	-144.558	1012.1	-27.5
16	16	82.343	-144.575	1005.0	-29.6
17	17	82.333	-144.528	1006.0	-31.6
18	18	82.346	-144.156	1002.3	-28.6
19	19	82.352	-143.681	1000.5	-23.2
20	20	82.388	-143.447	1000.9	-23.4
21	21	82.382	-143.340	1009.8	-27.4
22	22	82.403	-142.945	1014.1	-26.7
23	23	82.447	-143.153	985.7	-21.8
24	24	82.390	-143.073	1000.8	-25.3
25	25	82.417	-142.764	1010.3	-29.4
26	26	82.425	-142.388	1014.9	-28.5
27	27	82.420	-142.419	1008.2	-29.6
28	28	82.384	-142.315	1005.3	-32.2
29	29	82.320	-141.810	1009.1	-32.5
30	30	82.330	-141.245	1015.6	-28.5
31	31	82.363	-141.002	1025.2	-28.0

BUOY(1943) FEB. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	82.416	-141.171	1004.8	-25.2
33	2	82.454	-141.217	996.0	-19.9
34	3	82.446	-141.206	1002.3	-22.8
35	4	82.424	-141.083	1022.5	-26.7
36	5	82.432	-141.072	1023.9	-30.4
37	6	82.418	-141.002	1019.6	-30.9
38	7	82.360*	-140.932	1017.3	-30.9
39	8	82.245*	-140.646	1036.3	-30.3
40	9	82.172	-140.463	1045.6	-31.8
41	10	82.113	-140.318	1038.4	-29.3
42	11	81.977	-140.086	1030.7	-25.4
43	12	81.920	-139.936	1016.3	-23.7
44	13	81.888	-140.257	1007.5	-25.9
45	14	81.862	-140.326	993.8	-31.2
46	15	81.854*	-140.328	1007.2	-32.5
47	16	81.805*	-140.396	997.7	-30.0
48	17	81.765*	-140.340	989.0	-25.4
49	18	81.693	-140.636	992.5	-27.8
50	19	81.721	-140.277	991.8	-30.8
51	20	81.797	-139.392	991.8	-25.9
52	21	81.857	-138.686	1007.0	-24.7
53	22	81.886	-138.188	1017.4	-27.4
54	23	81.927	-137.774	1021.4	-29.3
55	24	81.927	-137.554	1024.9	-33.0
56	25	81.976	-137.223	1024.1	-33.0
57	26	82.004	-136.966	1030.5	-31.7
58	27	81.997	-136.988	1041.3	-33.3
59	28	81.997	-136.991	1046.0	-35.6

BUOY(1943) MAR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
60	1	82.008	-137.265	1043.0	-35.9
61	2	81.946	-137.730	1038.4	-33.3
62	3	81.903	-138.062	1041.4	-30.2
63	4	81.858	-138.396	1042.4	-29.9
64	5	81.822	-138.834	1036.3	-31.2
65	6	81.814	-139.279	1028.9	-29.6
66	7	81.799	-139.392	1026.1	-27.2
67	8	81.764	-139.320	1028.5	-30.3
68	9	81.729	-139.277	1029.3	-30.3
69	10	81.670	-139.233	1025.0	-27.4
70	11	81.614	-139.306	1024.1	-26.1
71	12	81.545	-139.250	1022.0	-26.7
72	13	81.498	-139.282	1019.9	-27.9
73	14	81.457	-139.231	1026.1	-28.5
74	15	81.442	-139.163	1034.7	-31.2
75	16	81.442	-138.851	1040.9	-30.9
76	17	81.452	-138.505	1054.9	-28.6
77	18	81.460*	-138.271	1061.2	-29.0
78	19				
79	20	81.451*	-138.308	1040.8	-25.2
80	21	81.456	-138.364	1045.9	-25.5
81	22	81.456	-138.311	1047.2	-27.1
82	23	81.437	-138.092	1034.1	-27.0
83	24	81.416	-138.225	1029.9	-24.1
84	25	81.386	-138.326	1025.7	-22.4
85	26	81.370	-138.223	1021.5	-23.5
86	27	81.364	-138.131	1020.7	-24.6
87	28	81.347	-137.941	1015.0	-23.8
88	29	81.285	-137.303	1008.6	-21.8
89	30	81.264	-136.990	1010.3	-21.2
90	31	81.260	-136.861	1016.1	-21.7

BUOY(1943) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1	81.268	-136.864	1022.5	-23.0
92	2	81.282	-136.857	1021.5	-24.5
93	3	81.291	-136.847	1022.1	-25.1
94	4	81.288	-136.855	1025.3	-25.3
95	5	81.292	-136.908	1024.5	-24.7
96	6	81.278	-136.891	1022.0	-23.4
97	7	81.263	-137.004	1020.6	-23.4
98	8	81.219	-137.145	1019.6	-24.0
99	9	81.137	-137.217	1016.0	-22.2
100	10	81.022	-137.694	1034.4	-18.2
101	11	80.957	-137.680	1044.0	-18.7
102	12	80.892	-137.636	1045.6	-19.1
103	13	80.830	-137.663	1048.7	-18.2
104	14	80.730	-137.046	1032.1	-15.2
105	15	80.638	-136.770	1024.5	-13.1
106	16	80.571	-136.585	1021.0	-13.2
107	17	80.580	-136.570	1022.0	-14.5
108	18	80.629	-136.388	1011.6	-15.3
109	19	80.656	-136.236	1011.4	-15.1
110	20	80.692	-136.149	1022.2	-15.4
111	21	80.749	-136.216	1025.1	-15.1
112	22	80.845	-136.630	1022.7	-14.2
113	23	80.894	-136.844	1024.2	-14.6
114	24	80.924	-136.957	1026.6	-15.1
115	25	80.957	-137.101	1025.5	-13.9
116	26	80.977	-137.169	1019.6	-12.7
117	27	80.961*	-136.990	1020.3	-13.4
118	28	80.957*	-136.918	1011.5	-13.9
119	29	80.941	-136.859	1011.6	-15.3
120	30	80.926	-136.820	1013.1	-16.2

BUOY(1943) MAY	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	80.924	-136.935	1014.8	-16.5
122	2	80.905	-137.148	1013.9	-16.7
123	3	80.857	-137.265	1012.3	-16.0
124	4	80.744	-137.572	1021.3	-12.6
125	5	80.682	-137.639	1029.6	-11.8
126	6	80.652	-137.413	1032.9	-11.4
127	7	80.740	-137.186	1020.7	-10.4
128	8	80.774	-136.888	1012.1	-6.7
129	9	80.714	-136.620	1004.2	-5.3
130	10	80.625	-136.426	1006.8	-7.0
131	11	80.587	-136.464	1011.1	-8.1
132	12	80.521	-136.376	1017.0	-8.6
133	13	80.574	-135.955	1006.6	-8.1
134	14	80.648	-135.579	1005.8	-7.2
135	15	80.590	-135.317	1009.6	-8.1
136	16	80.629	-135.307	1000.7	-8.1
137	17	80.652	-135.520	1001.9	-7.9
138	18	80.687	-135.607	1001.0	-7.9
139	19	80.692	-135.932	1003.6	-7.0
140	20	80.661	-136.009	1008.6	-6.4
141	21	80.656	-136.052	1017.3	-6.0
142	22	80.670	-136.017	1019.9	-5.7
143	23	80.692	-135.879	1022.1	-5.4
144	24	80.710	-135.961	1022.3	-4.5
145	25	80.727	-136.202	1020.8	-3.8
146	26	80.729	-136.391	1025.4	-4.1
147	27	80.700	-136.308	1026.9	-2.6
148	28	80.678	-136.090	1031.2	-2.3
149	29	80.706	-135.975	1025.7	-2.4
150	30	80.693	-135.912	1020.6	-2.0
151	31	80.631	-135.723	1016.1	-1.5

BUOY(1943) JUNE	81	LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	80.611	-135.708	1020.6	-.4
153	2	80.565	-135.679	1023.6	.5
154	3	80.518	-135.810	1016.3	.6
155	4	80.483	-136.012	1015.9	.4
156	5	80.469	-135.901	1020.1	1.5
157	6	80.487	-135.652	1020.8	1.0
158	7	80.521	-135.589	1020.5	1.0
159	8	80.589	-135.888	1016.8	.7
160	9	80.651	-135.935	1017.6	.9
161	10	80.642	-135.771	1022.4	1.7
162	11	80.614	-135.545	1025.9	1.9
163	12	80.609	-135.418	1025.5	2.6
164	13	80.618	-135.353	1025.6	3.0
165	14	80.617	-135.346	1026.8	5.0
166	15	80.617	-135.355	1025.5	4.4
167	16	80.612	-135.335	1026.1	4.6
168	17	80.608	-135.251	1023.3	5.4
169	18	80.610	-135.165	1021.5	4.6
170	19	80.620	-135.153	1020.3	4.4
171	20	80.618	-135.162	1023.0	5.6
172	21	80.603	-135.223	1024.1	6.6
173	22	80.573	-135.325	1023.8	5.9
174	23	80.559	-135.343	1025.6	6.5
175	24	80.559	-135.340	1023.2	6.2
176	25			1016.4*	1.7*
177	26				
178	27				
179	28				
180	29				
181	30				

BUOY(2577) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7	71.563	-148.335	1018.1	-13.1
98	8	71.562	-148.321	1013.5	-13.6
99	9	71.555	-148.334	1026.1	-15.2
100	10	71.554	-148.332	1040.0	-18.6
101	11	71.552	-148.313	1041.7	-17.2
102	12	71.558	-148.330	1042.1	-17.0
103	13	71.551	-148.328	1044.4	-16.2
104	14	71.550	-148.324	1044.3	-17.1
105	15	71.559	-148.321	1038.7	-14.3
106	16	71.556	-148.310	1031.6	-13.9
107	17	71.557	-148.315	1026.7	-13.6
108	18	71.554	-148.329	1023.2	-13.1
109	19	71.588	-148.435	1011.9	-12.4
110	20	71.648	-149.005	1001.8	-10.6
111	21	71.671	-149.289	1004.4	-9.4
112	22	71.680	-149.354	1011.5	-9.3
113	23	71.685	-149.386	1014.9	-8.5
114	24	71.681	-149.431	1017.5	-8.4
115	25	71.681	-149.420	1021.0	-8.0
116	26	71.675	-149.424	1022.0	-9.3
117	27			1017.0	-7.5
118	28	71.681*	-149.481	1012.6	-5.8
119	29	71.715	-149.680	1007.6	-4.3
120	30	71.733	-149.782	1006.7	.2

BUOY(2577) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	71.774	-149.964	998.3	.4
122	2	71.777	-150.053	1007.3	1.6
123	3	71.757	-150.150	1013.2	.8
124	4	71.764	-150.596	1022.9	-5.0
125	5	71.763	-150.794	1028.7	-7.4
126	6	71.812	-151.017	1027.4	-4.6
127	7	71.842	-151.022	1029.3	2.5
128	8	71.838	-150.964	1027.8	3.2
129	9	71.804	-150.974	1020.9	2.1
130	10	71.795	-151.089	1012.7	1.7
131	11	71.710	-150.842	1026.0	-3.4
132	12	71.700	-150.806	1029.0	-6.0
133	13	71.763	-150.794	1014.1	-4.4
134	14	71.736	-150.757	1019.9	-.6
135	15	71.717	-150.818	1023.0	-4.0
136	16	71.717	-150.742	1016.9	-5.6
137	17	71.709	-150.558	1010.4	-2.1
138	18	71.711	-150.483	1006.8	-.2
139	19	71.707	-150.469	1012.4	-1.2
140	20	71.733	-150.701	1008.7	-1.0
141	21	71.790	-151.083	1003.3	.9
142	22	71.785	-151.133	1011.4	3.2
143	23	71.779	-151.089	1019.2	4.5
144	24	71.773	-151.114	1018.7	3.6
145	25	71.770	-151.131	1020.8	4.5
146	26	71.758	-151.240	1025.6	4.2
147	27	71.767	-151.392	1026.0	2.8
148	28	71.818	-151.592	1023.3	2.1
149	29	71.814	-151.705	1023.9	4.3
150	30	71.782	-151.904	1023.4	4.1
151	31	71.752	-152.120	1023.8	3.3

BUOY(2577) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	71.726	-152.607	1019.5	2.6
153	2	71.760	-153.210	1019.8	2.9
154	3	71.752	-153.668	1016.5	3.2
155	4	71.743	-153.875	1010.4	3.7
156	5	71.757	-154.114	1012.4	3.0
157	6	71.753	-154.409	1010.6	3.3
158	7	71.764	-154.528	1004.0	4.6
159	8	71.785	-154.399	1006.9	4.3
160	9	71.805	-154.323	1015.7	6.5
161	10	71.849	-154.467	1016.6	6.1
162	11	71.904	-154.694	1015.3	5.0
163	12	71.912	-154.842	1014.6	6.3
164	13	71.946	-154.950	1017.9	7.8
165	14	71.971	-154.961	1022.9	7.8
166	15	72.010	-155.152	1018.8	7.3
167	16	72.049	-155.282	1020.4	6.5
168	17	72.071	-155.475	1018.0	5.5
169	18	72.104	-155.654	1016.8	7.2
170	19	72.199	-155.897	1012.0	6.7
171	20	72.297	-156.342	1011.1	6.2
172	21	72.388	-156.811	1014.3	5.4
173	22	72.470	-157.189	1018.8	5.9
174	23	72.537	-157.492	1019.6	6.6
175	24	72.599	-157.676	1016.2	7.1
176	25	72.619	-157.824	1015.8	6.2
177	26	72.665	-157.838	1005.1	5.1
178	27	72.602	-157.934	1005.6	4.1
179	28			1005.6	3.8
180	29				
181	30			1014.5*	4.2*

BUOY(2577) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	72.180*	-158.231	1011.9*	4.4*
183	2	72.155	-158.245	1011.9	5.7
184	3	72.133	-158.256	1007.6	6.1
185	4	72.130	-157.970	996.9	4.6
186	5	72.029	-157.821	999.9	3.9
187	6	71.940	-157.785	1003.1	3.5
188	7	71.983	-157.575	989.2	3.2
189	8	71.982	-157.177	998.2	3.8
190	9	72.030	-156.859	1003.2	4.9
191	10	72.059	-156.775	1003.7	4.2
192	11	72.121	-156.318	1001.7	5.0
193	12	72.145	-155.746	1007.1	4.7
194	13	72.214	-155.170	1008.4	4.6
195	14	72.266	-154.905	1003.7	5.0
196	15	72.242	-154.423	1017.8	5.2
197	16	72.257	-154.199	1016.5	7.4
198	17	72.348	-154.410	1011.9	5.2
199	18	72.508	-154.554	1003.2	4.4
200	19	72.573	-154.458	1003.8	5.5
201	20	72.564	-154.141	1013.9	4.5
202	21	72.551	-153.957	1021.9	4.1
203	22	72.624	-153.765	1018.3	5.9
204	23	72.664	-153.575	1021.1	5.6
205	24	72.720	-153.561	1019.0	6.5
206	25	72.780	-153.627	1012.8	7.4
207	26	72.851	-153.821	1010.9	7.9
208	27	72.931	-153.952	1012.2	6.6
209	28	73.011	-154.164	1005.3	4.9
210	29	73.076	-154.427	994.7	4.4
211	30	73.068	-154.408	1004.2	4.6
212	31	73.089	-154.391	1004.8	4.4

BUOY(2577) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	73.085	-154.417	999.4	3.1
214	2	72.941	-154.799	1009.8	2.4
215	3	72.848	-155.024	1015.1	4.6
216	4	72.749	-155.015	1009.4	5.3
217	5	72.691	-154.901	1007.0	6.1
218	6	72.660	-154.751	1014.3	4.7
219	7	72.604	-154.678	1018.8	3.4
220	8	72.583	-154.362	1015.1	2.9
221	9	72.593	-154.262	1011.8	3.9
222	10	72.599	-154.225	1011.7	3.5
223	11	72.588	-154.075	1013.9	4.1
224	12	72.605	-153.927	1010.7	3.1
225	13	72.635	-154.142	998.3	2.6
226	14	72.633	-154.038	996.7	3.1
227	15	72.615	-154.033	1003.8	4.0
228	16	72.601	-154.110	1008.4	2.4
229	17	72.526	-153.811	1008.3	1.9
230	18	72.409	-152.814	995.4	2.5
231	19	72.248	-152.211	997.5	2.5
232	20	72.196	-152.113	1007.1	2.6
233	21	72.209	-152.063	1010.5	1.4
234	22	72.225	-151.992	1003.6	1.7
235	23	72.168	-151.561	1007.3	2.6
236	24	72.132	-151.363	1013.2	1.9
237	25	72.171	-151.300	1004.5	3.0
238	26	72.123	-151.427	1023.7	.3
239	27	72.109	-151.439	1029.6	-.2
240	28	72.065	-151.477	1032.0	1.3
241	29	72.054	-151.574	1028.2	.4
242	30	72.040	-151.555	1014.8	1.8
243	31	71.945	-151.563	1014.4	.8

BUOY(2577) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	71.854	-151.509	1016.6	.9
245	2	71.816	-151.504	1017.6	.9
246	3	71.801	-151.480	1018.7	.6
247	4	71.900	-151.900	1022.0	-.4
248	5	71.980	-152.336	1020.0	-.6
249	6	72.048	-152.768	1015.8	.5
250	7	72.097	-153.102	1010.7	1.0
251	8	72.131	-153.325	1010.1	1.0
252	9	72.122	-153.496	1007.0	.8
253	10	72.135	-153.553	1006.1	1.3
254	11	72.083	-153.603	1003.3	1.2
255	12	72.012	-153.454	1002.5	1.3
256	13	71.931	-153.145	1011.3	1.9
257	14	71.916	-152.818	1014.9	2.8
258	15	71.943	-152.733	1006.5	1.0
259	16	71.932	-152.821	1003.1	.7
260	17	71.797	-152.608	1016.9	.4
261	18	71.811	-152.181	1019.9	1.0
262	19	71.853	-152.029	1009.8	-.3
263	20	71.797	-152.070	1018.5	-2.0
264	21	71.808	-151.810	1024.6	-2.8
265	22	71.842	-151.718	1021.8	-2.4
266	23	71.940	-151.744	1010.5	-.4
267	24	72.006	-151.888	1015.3	-.1
268	25	71.964	-152.457	1028.0	-1.7
269	26	71.892	-153.249	1026.7	-2.1
270	27	71.922	-153.681	1026.4	-4.2
271	28	71.932	-154.101	1026.1	-6.2
272	29	71.806	-154.807	1027.8	-8.8
273	30	71.661	-155.707	1019.8	-8.4

BUOY(2577) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	71.498	-156.486	1014.5	-6.9
275	2	71.453	-156.781	1019.9	-4.8
276	3	71.452	-156.451	1017.9	-4.4
277	4	71.469	-155.889	1017.3	-5.0
278	5	71.386	-155.910	1018.5	-7.8
279	6	71.336	-155.815	1017.7	-7.4
280	7	71.339	-155.824	1020.9	-5.5
281	8	71.344	-155.833	1026.3	-4.5
282	9	71.333	-155.888	1022.7	-6.0
283	10	71.319	-155.883	1021.3	-6.1
284	11	71.334	-155.880	1018.1	-4.3
285	12	71.338	-155.873	1009.5	-3.3
286	13	71.329	-155.883	1009.9	-3.1
287	14			1009.7	-2.0
288	15	71.339	-155.890	1012.8	-1.6
289	16	71.332	-155.884	1018.9	-2.2
290	17	71.331	-155.877	1028.1	-3.8
291	18	71.330	-155.895	1024.2	-6.9
292	19	71.322	-155.875	1027.6	-8.6
293	20	71.333	-155.879	1029.1	-8.4
294	21	71.342	-155.864	1026.2	-8.1
295	22	71.330	-155.890	1012.0	-6.0
296	23	71.333	-155.882	1018.7	-4.3
297	24	71.329	-155.881	1013.2	-3.6
298	25	71.332	-155.881	1010.2	-4.3
299	26	71.333	-155.877	1014.6	-7.8
300	27	71.330	-155.876	1015.9	-12.3
301	28	71.330	-155.885	1012.4	-12.0
302	29	71.333	-155.893	1012.4	-10.7
303	30	71.327	-155.883	1008.3	-9.2
304	31	71.332	-155.880	1008.2	-9.7

BUOY(2577) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	71.334	-155.886	1019.1	-13.4
306	2	71.334	-155.885	1027.1	-14.4
307	3	71.331	-155.885	1021.7	-15.4
308	4	71.334	-155.887	1010.0	-14.2
309	5	71.336	-155.890	1005.1	-13.6
310	6	71.329	-155.877	1007.0	-12.4
311	7	71.327	-155.880	1016.3	-12.4
312	8	71.337	-155.883	1014.5	-13.1
313	9	71.330	-155.894	1014.7	-14.0
314	10	71.329	-155.890	1014.0	-13.5
315	11	71.329	-155.890	996.5	-10.4
316	12	71.336	-155.874	994.1	-8.1
317	13	71.332	-155.879	996.1	-6.9
318	14	71.330	-155.867	1004.4	-5.6
319	15	71.334	-155.891	1008.6	-5.2
320	16	71.332	-155.871	1012.5	-5.5
321	17	71.332	-155.886	1013.0	-7.1
322	18	71.305	-155.762	1025.4	-8.5
323	19	71.318	-155.682	1019.1	-6.6
324	20	71.307	-155.794	1023.3	-7.6
325	21	71.297	-155.814	1029.6	-13.3
326	22	71.302	-155.800	1024.7	-14.3
327	23	71.299	-155.799	1027.3	-14.9
328	24	71.300	-155.807	1016.4	-17.7
329	25	71.303*	-155.810	1013.4	-17.8
330	26			1018.0	-19.0
331	27	71.299	-155.807	1005.1	-17.1
332	28	71.300	-155.800	998.6	-17.1
333	29	71.299	-155.809	997.8	-15.2
334	30	71.301*	-155.806	1002.2*	-17.9*

BUOY(2577) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	71.296	-155.783	982.8	-14.0
337	3	71.300	-155.806	996.9	-12.7
338	4	71.301	-155.808	1006.9	-15.4
339	5	71.297	-155.810	1009.0	-14.6
340	6	71.302	-155.802	1009.6	-15.5
341	7	71.301	-155.805	1019.7	-15.7
342	8	71.302	-155.801	1017.6	-16.2
343	9	71.306	-155.816	1011.4	-12.7
344	10	71.302	-155.804	1010.0	-11.4
345	11	71.302*	-155.808	1019.8	-14.7
346	12	71.296	-155.810	1033.3	-19.0
347	13	71.303	-155.803	1031.6	-21.3
348	14	71.299	-155.811	1014.0	-18.1
349	15	71.298	-155.806	1009.0	-15.5
350	16	71.299	-155.806	1011.4	-18.5
351	17	71.299	-155.800	996.8	-17.0
352	18	71.300	-155.817	985.7	-12.0
353	19	71.302	-155.801	980.6	-9.6
354	20	71.301	-155.805	1002.1	-9.7
355	21	71.300	-155.802	1010.4	-14.3
356	22	71.301	-155.805	1017.6	-15.5
357	23	71.302	-155.807	1018.7	-15.5
358	24	71.300	-155.806	1010.0	-15.9
359	25	71.302	-155.805	1024.0	-16.1
360	26	71.301	-155.805	1041.4	-17.5
361	27	71.302	-155.804	1042.6	-19.6
362	28	71.301	-155.802	1037.9	-21.0
363	29	71.302	-155.799	1026.0	-21.7
364	30	71.301	-155.812	1016.0	-19.7
365	31	71.298*	-155.818	1017.1*	-17.5*

BUOY(2578) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8				
99	9				
100	10				
101	11				
102	12				
103	13				
104	14				
105	15				
106	16	72.290	-133.866		
107	17	72.289	-133.858	1025.8	-11.2
108	18	72.286	-133.878	1024.4	-13.5
109	19	72.287	-133.916	1022.6	-13.4
110	20	72.333	-134.291	1006.8	-11.7
111	21	72.425	-134.545	1008.0	-7.5
112	22	72.495	-134.745	1011.8	-7.8
113	23	72.539	-134.904	1014.5	-7.4
114	24	72.566	-135.034	1017.5	-5.3
115	25	72.585	-135.106	1020.5	-4.9
116	26	72.591	-135.142	1020.0	-3.6
117	27	72.588*	-135.202	1019.2	-3.0
118	28	72.579*	-135.240	1012.3	-3.8
119	29	72.560	-135.275	1012.8	-3.3
120	30			1010.9	-3.4

BUOY(2578) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	72.619	-135.401	1004.0	-.5
122	2	72.648	-135.580	1006.1	.8
123	3	72.601	-135.631	1012.4	.7
124	4	72.564	-135.941	1022.5	-6.7
125	5	72.520	-136.075	1032.5	-8.5
126	6	72.522	-136.204	1034.6	-6.5
127	7	72.552	-136.283	1033.3	-3.9
128	8	72.557	-136.108	1026.8	1.2
129	9	72.491	-136.040	1019.6	3.5
130	10	72.461	-136.111	1010.9	2.2
131	11	72.399	-135.875	1009.9	.4
132	12	72.307	-135.746	1027.5	-4.2
133	13	72.333	-135.681	1021.5	-5.2
134	14	72.362	-135.666	1016.4	-1.8
135	15			1018.6	-2.5
136	16	72.266	-135.648	1018.0	-5.0
137	17	72.256	-135.364	1011.0	-3.7
138	18	72.255	-135.271	1008.8	-.9
139	19	72.251	-135.284	1008.2	1.9
140	20	72.222	-135.314	1014.8	-.0
141	21	72.257	-135.515	1010.4	-.4
142	22	72.309	-135.769	1008.8	3.4
143	23	72.272	-135.744	1016.4	4.3
144	24	72.236	-135.822	1012.5	3.4
145	25	72.210	-135.702	1017.8	4.3
146	26	72.186	-135.665	1024.2	3.5
147	27	72.173	-135.715	1028.1	1.1
148	28	72.193	-135.930	1028.8	1.0
149	29	72.253	-136.148	1024.5	1.9
150	30	72.270	-136.235	1017.8	5.4
151	31	72.221	-136.388	1019.0	5.2

BUOY(2578) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	72.167	-136.409	1015.6	3.8
153	2	72.139	-136.529	1015.6	3.0
154	3	72.122	-136.603	1010.6	2.2
155	4	72.117	-136.607	1012.1	2.8
156	5	72.122	-136.658	1014.4	2.9
157	6	72.150	-136.865	1011.7	4.6
158	7	72.157	-137.006	1004.4	4.8
159	8	72.177	-137.067	1009.0	6.2
160	9	72.144	-137.062	1015.4	6.1
161	10	72.129	-137.183	1019.3	6.6
162	11	72.154	-137.473	1019.8	7.4
163	12	72.204	-137.686	1020.9	7.1
164	13	72.244	-137.905	1024.9	7.0
165	14	72.282	-138.058	1027.8	7.1
166	15	72.295	-138.218	1027.0	7.3
167	16			1023.6	7.0
168	17	72.294	-138.570	1022.2	7.6
169	18	72.295	-138.675	1022.3	7.2
170	19	72.300	-138.872	1018.0	6.0
171	20	72.307	-139.076	1014.7	6.0
172	21	72.314	-139.330	1015.5	5.7
173	22	72.310	-139.525	1020.1	5.9
174	23	72.296	-139.670	1019.4	5.8
175	24	72.299	-139.726	1018.8	7.3
176	25	72.296	-139.773	1017.6	8.2
177	26	72.307	-139.865	1012.2	7.3
178	27	72.323	-139.905	1005.8	5.4
179	28			1002.5	5.2
180	29				
181	30			1008.0*	4.2*

BUOY(2578) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	72.178*	-139.703	1007.8*	4.7*
183	2	72.159	-139.575	1007.9	5.2
184	3			1008.8	5.3
185	4	72.165	-139.237	1005.1	4.9
186	5	72.202	-138.940	1000.6	3.5
187	6	72.066	-138.376	1009.7	2.1
188	7	72.047	-138.105	1005.2	1.9
189	8				
190	9				
191	10				
192	11				
193	12				
194	13				
195	14				
196	15				
197	16				
198	17				
199	18				
200	19				
201	20				
202	21				
203	22				
204	23				
205	24				
206	25				
207	26				
208	27				
209	28				
210	29				
211	30				
212	31				

BUOY(2579) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8				
99	9				
100	10				
101	11				
102	12				
103	13			1045.3	-18.8
104	14	74.943	-138.315	1040.8	-17.1
105	15	74.826	-138.193	1027.9	-13.9
106	16	74.764	-138.155	1025.8	-14.2
107	17	74.760	-138.142	1025.8	-15.1
108	18	74.762	-138.151	1022.3	-16.5
109	19	74.770	-138.129	1022.3	-16.1
110	20	74.834	-138.301	1014.8	-14.5
111	21	74.912	-138.699	1008.5	-10.8
112	22	75.010	-138.842	1013.5	-9.0
113	23	75.055	-138.943	1016.3	-10.5
114	24	75.084	-139.092	1019.5	-8.6
115	25	75.105	-139.183	1020.5	-7.6
116	26	75.116	-139.187	1021.7	-5.6
117	27	75.101*	-139.194	1020.2	-7.7
118	28	75.102*	-139.227	1011.5	-6.9
119	29	75.063	-139.328	1013.8	-7.8
120	30	75.075	-139.500	1009.6	-9.3

BUOY(2579) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	75.087	-139.612	1005.4	-4.3
122	2	75.107	-139.799	1004.6	-2.0
123	3	75.058	-140.061	1017.5	-7.6
124	4	74.993	-140.161	1023.6	-12.3
125	5	74.950	-140.220	1033.0	-9.9
126	6	74.957	-140.273	1034.4	-8.1
127	7	75.045	-140.174	1027.0	-5.9
128	8	75.032	-139.897	1021.0	.7
129	9	74.943	-139.688	1018.5	.2
130	10	74.901	-139.714	1008.1	-1.7
131	11	74.878	-139.726	1012.3	-2.6
132	12	74.789	-139.713	1024.0	-6.3
133	13	74.796	-139.424	1017.4	-7.1
134	14	74.807	-139.273	1016.3	-5.6
135	15	74.743	-139.315	1018.4	-6.3
136	16	74.722	-139.068	1010.2	-6.0
137	17	74.705	-138.618	1005.4	-3.6
138	18	74.716	-138.451	1005.1	-1.0
139	19	74.707	-138.436	1007.9	-1.1
140	20	74.682	-138.384	1013.6	-2.8
141	21	74.712	-138.423	1013.6	-3.3
142	22	74.761	-138.761	1012.4	-2.3
143	23	74.783	-138.935	1017.7	.4
144	24	74.761	-139.018	1015.1	2.4
145	25	74.705	-139.067	1015.8	1.2
146	26	74.654	-139.038	1024.5	.9
147	27	74.636	-139.084	1029.9	1.1
148	28	74.663	-139.177	1030.4	1.0
149	29	74.739	-139.192	1025.9	.6
150	30	74.716	-139.302	1020.8	2.7
151	31	74.654	-139.545	1022.4	1.2

BUOY(2579) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	74.598	-139.541	1017.6	2.0
153	2	74.563	-139.791	1018.4	1.7
154	3	74.522	-140.027	1013.5	2.1
155	4	74.494	-140.098	1011.2	2.0
156	5	74.502	-140.149	1016.7	2.8
157	6	74.522	-140.338	1015.0	3.4
158	7	74.539	-140.676	1004.0	3.3
159	8	74.580	-140.712	1010.3	4.1
160	9	74.569	-140.713	1017.6	4.0
161	10	74.543	-140.811	1023.2	4.0
162	11	74.588	-141.080	1022.3	4.3
163	12	74.649	-141.282	1023.3	5.0
164	13	74.685	-141.388	1026.2	6.0
165	14	74.726	-141.417	1026.7	6.4
166	15	74.748	-141.418	1028.6	6.7
167	16	74.758	-141.505	1024.9	8.0
168	17	74.758	-141.560	1023.4	7.8
169	18	74.758	-141.584	1023.3	8.1
170	19	74.761	-141.618	1019.7	8.7
171	20	74.763	-141.687	1017.6	5.9
172	21	74.773	-141.859	1019.5	5.7
173	22	74.765	-142.037	1022.2	5.5
174	23	74.750	-142.196	1020.9	5.7
175	24	74.754	-142.364	1019.9	5.1
176	25	74.747	-142.422	1017.0	7.4
177	26	74.767	-142.396	1011.8	5.8
178	27	74.814	-142.440	1004.5	4.6
179	28	74.832	-142.578	1001.2	4.3
180	29				
181	30			1010.7*	3.4*

BUOY(2579) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1007.8*	3.3*
183	2	74.779	-143.698	1007.2	6.1
184	3	74.769	-143.847	1007.1	6.1
185	4	74.803	-143.682	997.3	4.3
186	5	74.822	-143.625	986.7	3.7
187	6	74.716	-143.647	990.1	3.3
188	7	74.679	-143.326	991.4	2.9
189	8	74.729	-143.437	988.6	3.8
190	9	74.684	-143.271	999.3	3.9
191	10	74.701	-143.201	1001.4	3.9
192	11	74.667	-143.102	1005.0	3.6
193	12	74.687	-142.804	1006.3	3.2
194	13	74.705	-142.470	1006.4	3.4
195	14	74.710	-142.375	1005.4	3.7
196	15	74.671	-142.414	1014.1	3.2
197	16	74.628	-142.349	1017.9	3.1
198	17	74.616	-142.452	1020.0	5.4
199	18	74.671	-142.565	1015.6	5.2
200	19	74.775	-142.629	1004.8	4.6
201	20	74.756	-142.469	1007.7	4.1
202	21	74.663	-142.208	1017.8	3.2
203	22	74.612	-142.048	1020.0	4.2
204	23	74.585	-141.733	1020.8	4.3
205	24	74.558	-141.633	1020.8	3.8
206	25	74.537	-141.458	1013.8	3.7
207	26	74.513	-141.470	1012.7	4.6
208	27	74.517	-141.431	1016.6	5.1
209	28	74.543	-141.397	1013.3	5.2
210	29	74.668	-141.557	1002.9	4.1
211	30	74.766	-141.667	1004.4	2.7
212	31	74.738	-141.586	1007.6	3.0

BUOY(2579) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	74.786	-141.643	1000.7	2.9
214	2	74.822	-141.629	1005.9	3.8
215	3	74.800	-141.805	1013.1	3.7
216	4	74.792	-141.732	1007.9	3.9
217	5	74.808	-141.779	1006.7	4.3
218	6	74.802	-141.640	1009.8	3.2
219	7	74.735	-141.627	1013.3	2.5
220	8	74.722	-141.610	1014.2	2.1
221	9	74.727	-141.723	1013.7	3.3
222	10	74.745	-141.872	1013.9	2.4
223	11	74.764	-141.919	1009.7	2.5
224	12	74.721	-141.955	1012.8	2.6
225	13	74.768	-141.982	1006.2	2.1
226	14	74.859	-142.199	997.5	2.1
227	15	74.846	-142.675	1005.5	1.4
228	16	74.820	-142.629	1004.0	.7
229	17	74.760	-142.586	1002.6	1.0
230	18	74.753	-141.919	991.9	.9
231	19	74.811	-141.303	992.8	.7
232	20	74.807	-140.816	1003.5	.4
233	21	74.757	-140.629	1012.6	-.4
234	22	74.790	-140.737	1000.4	.4
235	23	74.746	-140.586	1001.1	.9
236	24			1022.8*	-.2*
237	25				
238	26				
239	27				
240	28				
241	29				
242	30				
243	31				

BUOY(3800) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5	81.600*	-16.662	1005.9	-16.6
96	6	81.601	-16.686	1009.2	-22.1
97	7	81.596	-16.646	1013.9	-24.2
98	8	81.599	-16.683	1004.4	-21.2
99	9	81.603	-16.655	984.3	-9.3
100	10	81.604	-16.656	1006.7	-17.8
101	11	81.603	-16.668	1023.1	-23.6
102	12	81.602	-16.651	1020.6	-24.5
103	13	81.605	-16.676	1017.9	-23.1
104	14	81.601	-16.671	1021.6	-23.0
105	15	81.597	-16.668	1012.5	-20.6
106	16	81.595	-16.663	1013.8	-22.0
107	17	81.601	-16.653	1009.2	-22.9
108	18	81.602	-16.643	1009.7	-24.0
109	19	81.598	-16.679	1012.0	-22.7
110	20	81.601	-16.656	1025.8	-17.0
111	21	81.603	-16.677	1033.6	-16.2
112	22	81.600	-16.667	1034.2	-15.8
113	23	81.602	-16.655	1022.9	-13.4
114	24	81.604	-16.643	1028.1	-14.9
115	25	81.597	-16.620	1030.8	-.9
116	26	81.597	-16.668	1025.3	-12.5
117	27			1015.0	-15.3
118	28	81.601*	-16.666	1015.2	-16.9
119	29			1014.1	-19.0
120	30			1015.9	-18.5

BUOY(3800) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5	89.741*	-84.399	1031.3	-10.8
126	6			1030.4	-12.0
127	7	89.770	-59.834	1022.7	-11.1
128	8	89.767	-35.174	1011.1	-9.9
129	9	89.752*	-18.779	1003.6	-9.4
130	10	89.760*	-19.122	1000.9	-8.7
131	11	89.776*	-30.565	999.7	-7.4
132	12			1002.9	-9.8
133	13	89.605	-20.591	1009.9	-10.4
134	14	89.535	-13.780	1016.0	-11.3
135	15	89.519	-7.818	1015.8	-7.6
136	16	89.525	-5.066	1012.0	-6.1
137	17			1005.3	-6.7
138	18	89.468	-8.904	1004.2	-9.6
139	19	89.423	-11.995	1013.9	-9.1
140	20			1017.3	-8.3
141	21	89.471	-16.533	1010.0	-8.0
142	22	89.465	-26.293	1004.9	-6.4
143	23	89.416	-31.360	1009.8	-6.0
144	24			1023.7	-5.6
145	25	89.353	-30.102	1025.1	-4.9
146	26	89.281	-23.082	1017.1	-5.6
147	27	89.176	-18.388	1012.6	-2.4
148	28	89.089	-17.840	1018.1	-.5
149	29	89.000	-16.047	1015.1	-.9
150	30	88.944	-14.887	1010.4	.0
151	31	88.875*	-12.258	1008.5	-1.0

BUOY(3800) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	88.779*	-12.311	1007.4	-2.4
153	2			1013.8	-3.1
154	3	88.638	-12.863	1016.7	-1.7
155	4	88.634	-13.409	1020.7	-.1
156	5	88.624	-13.210	1015.7	1.4
157	6	88.586	-11.771	1013.3	-1.5
158	7	88.535	-10.741	1014.3	.9
159	8	88.513	-10.744	1017.3	2.4
160	9	88.508	-10.790	1021.8	.2
161	10	88.501	-10.641	1022.1	3.3
162	11	88.493	-10.698	1022.1	.4
163	12	88.461	-11.073	1018.0	.9
164	13	88.449	-11.005	1020.9	3.5
165	14	88.440	-11.045	1021.8	4.1
166	15	88.429	-10.832	1024.7	7.1
167	16	88.426	-10.806	1022.7	7.0
168	17	88.411	-11.655	1016.2	2.9
169	18	88.403	-12.089	1014.6	1.6
170	19	88.391	-11.944	1015.6	3.0
171	20	88.395	-11.945	1022.7	2.4
172	21	88.382	-11.876	1014.8	.8
173	22	88.376	-12.086	1011.6	2.0
174	23	88.328	-12.359	1017.5	3.0
175	24	88.260	-11.688	1017.3	2.8
176	25	88.200	-11.033	1014.7	3.9
177	26	88.145	-9.677	1014.0	4.7
178	27	88.122	-8.564	1015.2	6.4
179	28	88.112	-8.313	1018.4	6.7
180	29			1015.1	2.5
181	30			1015.7*	3.3*

BUOY(3800) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	88.131*	-9.078	1014.0*	3.6*
183	2	88.110	-9.617	1011.9	5.5
184	3	88.089	-10.102	1011.9	2.9
185	4	88.094	-10.901	1009.3	.5
186	5	88.115	-11.046	1007.7	1.6
187	6	88.142	-10.196	1008.2	1.9
188	7	88.171	-9.885	1006.6	1.7
189	8	88.180	-8.585	1017.8	2.7
190	9	88.195	-8.045	1022.9	4.3
191	10	88.234	-8.258	1019.6	1.8
192	11	88.230	-7.983	1016.6	2.7
193	12	88.225	-8.348	1007.5	4.2
194	13	88.208	-8.517	1006.1	3.6
195	14	88.168	-8.582	1005.6	2.2
196	15	88.123	-8.379	1005.5	3.1
197	16	88.103	-8.494	1000.6	3.7
198	17	88.024	-8.261	991.9	1.1
199	18	87.938	-6.474	988.4	1.0
200	19	87.860	-7.526	1000.9	.9
201	20	87.804	-7.055	1000.6	1.5
202	21	87.848	-6.271	996.9	1.3
203	22	87.815	-4.870	996.2	1.0
204	23	87.771	-3.366	999.7	1.6
205	24	87.752	-1.597	1006.9	2.0
206	25	87.731	-3.042	994.3	.7
207	26	87.599	-2.764	997.4	-.1
208	27	87.508	.296	1003.5	-.0
209	28	87.434	1.469	1013.7	1.0
210	29	87.410	1.767	1016.2	3.6
211	30	87.433	.875	1008.3	1.2
212	31	87.478	1.675	1003.4	.6

BUOY(3800) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	87.523	3.147	1000.4	.4
214	2	87.502	4.674	1007.1	1.0
215	3	87.504	5.452	1009.3	1.4
216	4	87.492	5.018	1009.7	.3
217	5	87.448	2.488	995.5	-.6
218	6	87.296	1.676	1000.4	-.5
219	7	87.251	2.467	1005.8	1.3
220	8	87.278	3.401	1007.5	1.5
221	9	87.302	4.205	1010.1	.2
222	10	87.343	5.070	1015.6	-.5
223	11	87.431	5.797	1007.1	.1
224	12	87.473	7.699	1013.8	-.0
225	13	87.512	9.107	1013.1	.2
226	14	87.562	9.512	1007.6	.2
227	15	87.594	10.472	1005.1	-.1
228	16	87.589	10.920	993.0	-.3
229	17	87.575	12.004	996.8	-.6
230	18	87.532	12.518	1004.9	-2.9
231	19	87.549	14.054	1003.3	-2.6
232	20	87.518	14.805	1004.2	-1.6
233	21	87.474	15.634	1006.7	-.2
234	22	87.417	16.814	1008.8	-.4
235	23	87.357	17.588	1010.7	-2.1
236	24	87.358	18.774	1003.6	-2.9
237	25	87.384	19.578	1002.0	-2.3
238	26	87.353	19.605	1010.6	-3.6
239	27	87.397	19.762	1011.9	-3.1
240	28	87.490	21.114	1020.0	-.6
241	29	87.638	21.803	1014.1	-1.0
242	30	87.769	23.456	1013.5	-.5
243	31	87.875	24.743	1007.3	-.5

BUOY(3800) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	87.902	25.413	1013.5	-1.4
245	2	87.921	25.476	1010.8	-1.6
246	3	87.996	23.368	1000.5	-.9
247	4	88.034	18.515	1010.1	-2.1
248	5	88.017	16.359	1010.0	-4.4
249	6	87.981	15.780	1007.8	-3.7
250	7	87.956	14.505	1020.8	-3.4
251	8	87.910	13.747	1031.4	-3.6
252	9	87.869	13.241	1035.5	-3.4
253	10	87.871	13.311	1035.5	-5.8
254	11	87.934	14.431	1027.4	-5.5
255	12	88.020	16.390	1025.4	-7.0
256	13	88.076	18.840	1024.2	-6.5
257	14	88.119	19.837	1022.1	-7.2
258	15	88.163	20.182	1016.0	-5.5
259	16	88.194	21.266	1013.9	-7.6
260	17	88.213	21.482	1010.4	-9.8
261	18	88.192	20.706	1013.8	-11.2
262	19	88.162	19.654	1016.5	-11.5
263	20	88.094	19.799	1011.0	-8.7
264	21	88.030	21.179	1003.1	-10.3
265	22	88.009	23.537	1004.9	-13.1
266	23			1008.6	-10.9
267	24	88.062	22.469	1009.0	-10.7
268	25	88.104	18.652	1009.3	-10.4
269	26	88.178	18.096	1013.3	-8.6
270	27	88.183	18.531	1017.4	-17.3
271	28	88.167	19.316	1015.4	-16.4
272	29	88.152	19.866	1017.0	-20.4
273	30	88.168	19.554	1017.1	-19.9

BUOY(3800) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	88.151	17.527	1020.3	-15.4
275	2	88.110	10.695	1019.1	-12.3
276	3	88.029	6.890	1022.2	-13.9
277	4	87.929	4.199	1034.7	-15.5
278	5	87.814	3.430	1036.5	-15.2
279	6	87.782	3.140	1035.9	-15.6
280	7	87.817	3.366	1028.1	-14.6
281	8	87.822	3.627	1024.8	-12.2
282	9	87.810	3.299	1030.6	-13.3
283	10	87.784	2.609	1033.5	-16.4
284	11	87.721	2.083	1033.2	-15.1
285	12	87.670	1.615	1031.3	-12.5
286	13	87.673	.209	1032.6	-10.2
287	14	87.712	-1.620	1026.2	-12.6
288	15	87.765	-4.337	1022.4	-14.2
289	16	87.819	-9.027	1011.0	-13.0
290	17	87.880	-14.822	1002.3	-11.7
291	18	87.818	-17.201	995.5	-9.4
292	19	87.787	-18.196	1007.2	-12.2
293	20	87.746	-18.471	1011.0	-13.4
294	21	87.736	-18.659	1012.2	-16.7
295	22	87.720	-19.478	1016.2	-21.8
296	23	87.694	-20.218	1021.7	-24.6
297	24	87.647	-21.670	1020.9	-22.6
298	25	87.604	-22.729	1021.9	-16.4
299	26	87.613	-23.886	1014.8	-11.2
300	27	87.634	-24.527	1010.7	-9.8
301	28	87.677	-23.351	1018.2	-15.3
302	29	87.689	-22.729	1024.8	-21.0
303	30	87.707	-22.683	1017.9	-18.4
304	31	87.703	-21.712	1020.6	-17.2

BUOY(3800) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	87.691	-21.156	1020.1	-20.8
306	2	87.699	-21.374	1015.2	-22.6
307	3	87.698	-22.161	1014.2	-20.0
308	4	87.669	-22.891	1009.9	-20.6
309	5	87.568	-21.912	1007.0	-21.5
310	6	87.518	-21.247	1006.7	-25.1
311	7	87.461	-20.367	1009.2	-26.4
312	8	87.429	-19.151	1014.1	-26.0
313	9	87.403	-19.191	1008.7	-25.2
314	10	87.343	-19.543	1007.0	-24.7
315	11	87.274	-19.477	1000.6	-25.3
316	12	87.084	-18.991	999.1	-21.6
317	13	86.943	-17.976	993.4	-19.7
318	14	86.823	-17.453	995.7	-17.2
319	15	86.764	-16.459	995.2	-19.8
320	16	86.698	-16.001	1001.6	-22.0
321	17	86.600	-16.150	1011.3	-23.2
322	18	86.518	-16.170	1014.5	-23.2
323	19	86.481	-16.435	1020.8	-20.1
324	20	86.471	-16.554	1024.8	-21.1
325	21	86.451	-16.881	1025.4	-22.9
326	22	86.393	-17.587	1026.0	-21.4
327	23	86.375	-17.853	1031.5	-16.5
328	24	86.386	-18.301	1028.1	-17.7
329	25	86.402	-18.529	1023.2	-21.1
330	26	86.398	-18.451	1016.9	-22.9
331	27	86.424	-18.027	1006.3	-23.4
332	28	86.423	-17.265	1011.8	-21.2
333	29	86.402	-17.002	1006.9	-26.1
334	30	86.381*	-16.827	1005.2*	-25.6*

BUOY(3800) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	86.331	-15.778	1006.4	-32.6
337	3	86.302	-15.346	1012.5	-31.1
338	4	86.259	-14.532	1010.6	-30.8
339	5	86.182	-13.356	1004.7	-27.1
340	6	86.092	-13.094	1020.2	-31.0
341	7	85.996	-12.855	1035.3	-31.0
342	8	85.942	-11.850	1017.8	-26.9
343	9	85.804	-12.097	1043.4	-26.9
344	10	85.758	-11.869	1037.5	-28.9
345	11	85.778	-11.736	1020.3	-28.4
346	12	85.734	-11.304	1013.6	-24.0
347	13	85.663	-10.454	1011.2	-24.8
348	14	85.571	-9.739	1011.8	-28.2
349	15	85.416	-9.521	1017.2	-28.3
350	16	85.288	-9.356	1017.4	-26.2
351	17	85.207	-9.061	1014.3	-26.0
352	18	85.177	-8.943	1016.3	-27.7
353	19	85.162	-8.902	1020.7	-29.4
354	20	85.147	-8.822	1024.2	-30.7
355	21	85.139	-8.765	1029.3	-33.2
356	22	85.176	-9.722	1005.1	-29.5
357	23	85.226	-9.912	1002.0	-24.5
358	24	85.204	-9.547	1013.5	-27.2
359	25	85.181	-9.806	1020.5	-32.0
360	26	85.166	-10.031	1026.7	-31.1
361	27	85.172	-10.722	1041.7	-29.5
362	28	85.179	-11.696	1043.3	-30.7
363	29	85.298	-12.326	1032.6	-27.2
364	30	85.268	-12.053	1035.8	-24.6
365	31	85.227*	-12.251	1040.9*	-25.6*

BUOY(3801) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8	81.599	-16.644	1000.9	-31.8
99	9	81.602	-16.667	984.1	-3.7
100	10	81.604	-16.654	1006.9	-15.7
101	11	81.602	-16.647	1023.0	-20.4
102	12	81.600	-16.660	1020.6	-21.2
103	13			1017.8	-20.1
104	14	81.599	-16.666	1021.3	-21.9
105	15	81.596	-16.654	1012.4	-20.3
106	16	81.589	-16.691	1013.6	-21.4
107	17	81.601	-16.663	1009.0	-22.3
108	18	81.604	-16.652	1009.6	-23.5
109	19	81.602	-16.685	1011.9	-22.3
110	20	81.601	-16.669	1025.7	-16.2
111	21	81.601	-16.662	1033.4	-15.5
112	22	81.602	-16.657	1033.9	-15.1
113	23	81.601	-16.648	1022.7	-12.1
114	24	81.605	-16.654	1027.9	-13.0
115	25	81.593	-16.704	1030.6	1.4
116	26	81.592	-16.675	1025.0	-11.0
117	27			1014.8	-14.5
118	28	81.600*	-16.666	1015.2	-16.1
119	29	81.597	-16.685	1014.0	-18.4
120	30	81.786	-19.577	1015.9	-17.0

BUOY(3801) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	85.170	-70.850	1017.6	-14.2
122	2	85.171	-70.953	1014.8	-14.1
123	3	85.175	-71.026	1021.9	-14.3
124	4	85.189	-71.576	1020.5	-14.1
125	5	85.198	-72.416	1021.5	-12.7
126	6	85.178	-72.976	1027.5	-12.4
127	7	85.158	-72.811	1026.7	-10.8
128	8	85.158	-72.582	1015.4	-8.7
129	9	85.161	-72.500	999.5	-8.5
130	10			997.5	-9.9
131	11	85.157	-72.478	1003.8	-10.0
132	12	85.161	-72.231	1011.9	-11.3
133	13	85.152	-71.944	1018.2	-10.7
134	14	85.164	-71.654	1017.8	-6.6
135	15	85.186	-71.553	1013.5	-6.7
136	16	85.197	-71.596	1009.3	-7.1
137	17	85.199	-71.394	1010.1	-5.7
138	18	85.198	-71.317	1011.6	-5.6
139	19	85.193	-71.408	1013.5	-6.9
140	20	85.201	-71.972	1007.3	-8.5
141	21	85.203	-72.685	1007.2	-8.1
142	22	85.152	-72.792	1005.7	-7.4
143	23	85.123	-72.332	1011.8	-5.3
144	24	85.115	-72.251	1025.3	-4.3
145	25	85.118	-72.267	1025.9	-5.1
146	26	85.118	-72.227	1023.9	-5.6
147	27	85.118	-72.063	1021.4	-6.3
148	28	85.114	-71.994	1026.1	-2.0
149	29	85.117	-71.762	1024.2	-.3
150	30	85.119	-71.685	1017.7	-1.9
151	31	85.119	-71.691	1015.5	-.9

BUOY(3801) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	85.120	-71.669	1013.3	-.6
153	2	85.114	-71.760	1023.3	-1.2
154	3	85.110	-71.884	1017.7	-.4
155	4	85.107	-72.029	1018.2	-.6
156	5	85.106	-71.924	1017.7	1.4
157	6	85.113	-71.726	1020.4	.8
158	7	85.118	-71.537	1021.6	.1
159	8	85.117	-71.522	1021.2	.7
160	9	85.117	-71.534	1020.8	2.4
161	10	85.115	-71.550	1020.5	4.4
162	11	85.115	-71.654	1022.5	2.6
163	12	85.109	-71.718	1021.9	.6
164	13	85.109	-71.697	1021.8	2.2
165	14	85.107	-71.704	1023.5	4.0
166	15	85.108	-71.681	1023.9	6.4
167	16	85.108	-71.678	1023.2	5.8
168	17	85.108	-71.688	1018.4	7.1
169	18	85.105	-71.729	1015.3	4.7
170	19	85.103	-71.680	1018.1	3.6
171	20	85.104	-71.711	1018.4	4.1
172	21	85.101	-71.748	1019.2	3.2
173	22	85.097	-71.832	1015.5	3.0
174	23	85.094	-71.895	1024.5	4.0
175	24	85.094	-71.863	1023.6	5.4
176	25	85.096	-71.840	1017.6	8.1
177	26	85.095	-71.809	1013.7	7.6
178	27	85.095	-71.807	1012.6	5.7
179	28	85.095	-71.822	1015.9	5.5
180	29				
181	30			1013.9*	.8*

BUOY(3801) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1013.9*	2.3*
183	2			1009.6	3.5
184	3	85.036	-73.451	1008.1	3.1
185	4	85.030	-73.886	1005.1	3.3
186	5	85.034	-73.943	1004.9	4.5
187	6	85.036	-74.211	1003.4	4.5
188	7	85.036	-74.332	1005.8	4.4
189	8	85.048	-74.308	1014.7	4.4
190	9	85.049	-74.595	1016.9	5.3
191	10	85.096	-74.946	1016.9	2.4
192	11	85.090	-74.783	1017.5	3.4
193	12	85.117	-75.252	1003.3	3.6
194	13	85.137	-74.895	1008.8	2.8
195	14	85.140	-74.274	1006.8	3.0
196	15	85.155	-74.292	1004.9	3.5
197	16	85.146	-74.637	1001.3	2.3
198	17	85.127	-74.038	1002.4	2.1
199	18	85.117	-72.930	998.9	1.6
200	19	85.103	-72.670	1009.4	2.4
201	20	85.115	-72.018	1003.8	2.4
202	21	85.139	-71.279	999.8	2.9
203	22	85.136	-71.074	1000.6	2.4
204	23	85.155	-70.490	998.4	2.6
205	24	85.168	-70.146	1004.6	2.9
206	25	85.156	-70.168	1003.5	4.0
207	26	85.148	-70.028	1005.8	2.6
208	27	85.140	-69.813	1010.2	2.4
209	28	85.129	-69.691	1015.2	3.2
210	29	85.126	-69.925	1016.0	4.7
211	30	85.110	-69.970	1005.7	2.7
212	31	85.111	-69.933	998.2	2.4

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BUOY(3801) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	85.121	-69.506	998.6	2.3
214	2	85.132	-69.025	1004.0	2.4
215	3	85.138	-68.891	1008.7	2.5
216	4	85.147	-68.788	1011.4	2.2
217	5	85.138	-68.568	1008.2	2.3
218	6	85.135	-68.275	1004.7	3.6
219	7	85.148	-68.292	997.8	3.0
220	8	85.146	-68.041	1002.8	2.1
221	9	85.136	-68.115	1004.4	1.6
222	10	85.152	-68.051	1010.1	1.5
223	11	85.128	-68.167	1004.1	-.1
224	12	85.140	-68.162	1007.5	-.9
225	13	85.160	-68.465	1004.7	.1
226	14	85.166	-68.621	1002.5	.2
227	15	85.125	-68.068	1007.4	-1.5
228	16	85.118	-68.050	998.4	-2.6
229	17	85.099	-67.675	1001.8	-1.9
230	18	85.121	-67.644	998.2	-.7
231	19	85.115	-67.302	1001.7	.3
232	20	85.111	-66.917	1005.3	1.8
233	21	85.126	-66.518	1006.5	1.8
234	22	85.122	-65.963	1011.7	.4
235	23	85.131	-65.414	1006.6	-1.9
236	24	85.192	-65.650	994.3	-1.1
237	25	85.173	-65.324	1005.5	-.4
238	26	85.180	-65.262	1002.6	-2.5
239	27	85.244	-66.013	1000.2	-2.6
240	28	85.265	-66.500	1003.3	-2.8
241	29	85.309	-68.112	991.9	-.2
242	30	85.379	-68.463	1000.0	-.1
243	31	85.393	-69.068	997.5	-1.5

BUOY(3801) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	85.387	-69.010	1013.6	-3.6
245	2	85.331	-68.630	1009.6	-3.8
246	3	85.265	-68.589	1010.5	-2.5
247	4	85.160	-68.074	1021.0	-2.8
248	5	85.147	-67.686	1014.8	-4.5
249	6	85.144	-67.536	1013.4	-3.2
250	7	85.137	-67.541	1026.7	-2.1
251	8	85.129	-67.601	1032.8	-3.5
252	9	85.148	-68.038	1027.6	-6.3
253	10	85.178	-68.731	1021.1	-7.5
254	11	85.234	-69.465	1007.5	-6.1
255	12	85.260	-69.759	1009.6	-5.4
256	13	85.243	-69.539	1020.1	-4.6
257	14	85.180	-69.072	1027.3	-4.8
258	15	85.180	-68.679	1024.1	-6.3
259	16	85.169	-68.256	1019.3	-5.8
260	17	85.154	-67.972	1017.3	-6.8
261	18	85.141	-67.810	1020.8	-7.9
262	19	85.135	-67.575	1022.3	-6.8
263	20	85.147	-66.927	1016.8	-8.8
264	21	85.179	-66.757	999.1	-11.6
265	22	85.204	-65.755	998.7	-11.0
266	23	85.235	-64.756	1004.9	-9.2
267	24	85.244	-64.471	1015.1	-15.4
268	25	85.228	-64.302	1013.1	-16.9
269	26	85.195	-63.879	1006.6	-12.7
270	27	85.174	-63.658	1010.4	-12.3
271	28	85.145	-63.575	1016.9	-13.6
272	29	85.146	-62.892	1021.9	-13.3
273	30	85.110	-61.687	1024.9	-13.4

BUOY(3801) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	85.097	-61.115	1030.5	-14.9
275	2	85.066	-61.108	1033.2	-17.1
276	3	85.043	-61.178	1033.1	-15.4
277	4	85.015	-60.882	1044.5	-14.0
278	5	85.026	-61.139	1035.4	-15.8
279	6	85.044	-61.359	1028.8	-13.7
280	7	85.048	-61.109	1028.8	-11.4
281	8	85.054	-60.841	1028.2	-8.8
282	9	85.047	-60.811	1031.4	-12.6
283	10	85.008	-61.121	1037.1	-14.3
284	11	85.017	-61.109	1039.3	-19.8
285	12	85.012	-61.115	1033.1	-18.7
286	13	84.989	-61.558	1026.2	-14.0
287	14	84.969	-62.919	1018.0	-10.1
288	15	84.954	-63.919	1020.4	-11.5
289	16	84.890	-64.884	1005.9	-11.8
290	17	84.823	-66.204	1000.4	-9.8
291	18	84.745	-66.888	1006.3	-9.3
292	19	84.708	-66.242	1012.8	-9.5
293	20	84.693	-66.024	1010.5	-9.5
294	21	84.678	-66.192	1009.8	-9.6
295	22	84.654	-66.749	1013.1	-11.7
296	23	84.618	-67.022	1019.8	-13.5
297	24	84.585	-67.157	1024.8	-14.6
298	25	84.566	-67.212	1026.1	-16.6
299	26	84.557	-67.260	1012.8	-16.4
300	27	84.560	-67.263	1012.1	-13.8
301	28	84.596	-66.753	1015.8	-13.8
302	29	84.607	-66.587	1023.1	-15.3
303	30	84.605	-66.592	1022.1	-16.5
304	31	84.604	-66.563	1018.9	-14.1

BUOY(3801) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	84.604	-66.566	1016.8	-14.0
306	2	84.619	-67.195	1006.0	-14.9
307	3	84.625	-68.011	1011.2	-15.3
308	4	84.595	-68.353	1012.0	-15.4
309	5	84.562	-68.274	1014.5	-16.0
310	6	84.546	-68.013	1012.1	-20.9
311	7	84.543	-67.910	1012.9	-24.1
312	8	84.544	-67.846	1013.7	-24.2
313	9	84.542	-67.856	1013.9	-22.4
314	10	84.537	-67.866	1014.9	-21.6
315	11	84.533	-67.755	1011.9	-22.4
316	12	84.513	-67.404	1016.3	-21.3
317	13	84.465	-66.543	1009.5	-18.2
318	14	84.406	-65.875	1005.2	-17.8
319	15	84.395	-65.373	1002.3	-19.1
320	16	84.380	-65.040	1011.6	-17.4
321	17	84.371	-64.954	1019.4	-18.0
322	18	84.369	-64.926	1017.2	-19.2
323	19	84.367	-64.983	1021.0	-22.1
324	20	84.360	-65.003	1025.0	-23.7
325	21	84.363	-65.006	1027.6	-26.1
326	22	84.352	-65.016	1032.9	-26.9
327	23	84.349	-65.022	1033.2	-26.7
328	24	84.350	-65.016	1023.6	-24.8
329	25	84.351	-65.011	1018.0	-23.6
330	26	84.352	-65.022	1012.0	-25.6
331	27	84.366	-64.969	1001.5	-24.3
332	28	84.384	-64.530	1012.6	-23.4
333	29	84.382	-64.523	1005.5	-25.7
334	30	84.397*	-64.417	1010.3*	-28.7*

BUOY(3801) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	84.406	-64.364	1007.2	-31.1
337	3	84.404	-64.353	1017.7	-31.1
338	4	84.417	-64.262	1013.2	-30.5
339	5	84.428	-64.117	1012.5	-26.3
340	6	84.423	-64.167	1030.1	-29.0
341	7	84.422	-64.167	1037.1	-31.7
342	8	84.448	-63.484	1030.1	-24.4
343	9	84.450	-63.387	1048.4	-23.6
344	10	84.461	-63.473	1029.2	-23.5
345	11	84.475	-63.306	1019.2	-21.9
346	12	84.487	-62.976	1020.3	-18.5
347	13	84.497	-62.039	1017.9	-18.4
348	14	84.498	-61.311	1022.3	-20.9
349	15	84.493	-61.304	1031.0	-21.4
350	16	84.496	-61.301	1027.6	-23.5
351	17	84.497	-61.322	1019.3	-28.0
352	18	84.498	-61.300	1018.1	-30.6
353	19	84.497	-61.301	1023.0	-30.9
354	20	84.497	-61.288	1024.4	-30.9
355	21	84.496	-61.288	1017.3	-29.3
356	22	84.484	-61.860	1007.3	-24.4
357	23	84.453	-62.089	1003.3	-21.5
358	24	84.452	-62.070	1012.6	-24.7
359	25	84.453	-62.090	1016.2	-27.2
360	26	84.452	-62.089	1026.7	-26.2
361	27	84.444	-62.483	1032.7	-24.4
362	28	84.447	-64.425	1024.1	-22.6
363	29	84.469	-65.102	1027.6	-21.7
364	30	84.424	-64.506	1039.5	-19.5
365	31			1035.1*	-23.7*

BUOY(3802) APR. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
91	1				
92	2				
93	3				
94	4				
95	5				
96	6				
97	7				
98	8				
99	9				
100	10				
101	11			1025.9*	5.3*
102	12			1018.4	-19.6
103	13			1023.6	-22.8
104	14			1026.8	-22.6
105	15			1022.6	-23.0
106	16			1012.8	-23.0
107	17			1012.4	-24.5
108	18			1015.2	-25.3
109	19			1016.7	-24.1
110	20			1022.3	-23.0
111	21			1030.6	-19.2
112	22	82.405	6.339	1031.1	-18.4
113	23	82.310	6.109	1028.9	-18.2
114	24			1025.4	-18.0
115	25	82.116	5.740	1026.9	-17.7
116	26	81.996	5.527	1026.4	-17.6
117	27			1021.3	-17.4
118	28			1019.9	-16.7
119	29			1019.4	-16.0
120	30	81.851*	5.286	1021.3	-16.4

BUOY(3802) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1	81.806	5.113	1020.0	-16.0
122	2	81.788	4.984	1019.6	-14.8
123	3	81.797	4.714	1025.9	-13.7
124	4	81.777	4.316	1030.8	-15.3
125	5	81.753	3.961	1029.9	-15.4
126	6			1032.6	-15.1
127	7	81.602*	-16.648	1027.0	-11.9
128	8			1017.6	-9.2
129	9	81.598	-16.660	997.7	-9.3
130	10	81.600	-16.662	993.0	-9.9
131	11	81.598	-16.662	1001.0	-10.7
132	12	81.601	-16.652	1006.6	-10.4
133	13				
134	14				
135	15				
136	16				
137	17				
138	18				
139	19				
140	20				
141	21				
142	22				
143	23				
144	24				
145	25				
146	26				
147	27				
148	28				
149	29				
150	30				
151	31				

BUOY(3804) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3	85.151	88.060	1027.0	-10.1
124	4	85.174	87.337	1029.9	-12.3
125	5	85.180	86.774	1029.0	-13.3
126	6	85.137	85.965	1019.8	-14.1
127	7	85.065	85.006	1012.1	-10.3
128	8	85.036	84.769	1008.3	-8.2
129	9	84.963	84.901	1003.4	-8.4
130	10	84.911	85.147	1010.6	-7.4
131	11	84.933	86.079	1000.3	-6.3
132	12	84.916	86.573	995.6	-4.3
133	13	84.925	86.227	993.9	-6.1
134	14	84.890	84.373	1007.2	-7.5
135	15	84.805	82.966	1011.0	-9.2
136	16	84.718	82.214	1011.1	-7.9
137	17	84.704	82.043	1007.9	-4.5
138	18	84.841	82.216	994.0	-6.9
139	19	84.978	81.182	1003.3	-7.4
140	20	84.983	80.226	1019.8	-7.2
141	21	84.965	80.203	1017.3	-6.5
142	22	85.017	80.445	1007.3	-5.2
143	23	85.123	80.101	1003.9	-4.8
144	24	85.202	79.265	1017.3	-5.1
145	25	85.178	78.321	1018.2	-4.9
146	26	85.089	77.121	1002.2	-3.6
147	27	85.036	75.830	996.3	-1.6
148	28	85.063	74.644	1006.1	-1.2
149	29	85.080	74.111	1011.8	-1.8
150	30	85.058	73.594	1007.1	-2.6
151	31	85.001	72.979	996.2	-.8

BUOY(3804) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	84.943	71.869	988.9	-.6
153	2	85.020	70.630	999.9	-1.8
154	3	85.068	69.742	1009.3	-1.0
155	4	85.109	69.164	1018.2	.0
156	5	85.090	68.428	1011.2	-.2
157	6	85.065	67.918	1011.2	-.7
158	7	85.091	67.552	1012.4	-2.1
159	8	85.114	66.928	1016.3	-1.9
160	9	85.104	66.568	1021.0	1.2
161	10	85.086	66.073	1020.7	.5
162	11	85.073	65.509	1016.8	-.3
163	12	85.089	64.719	1013.6	.7
164	13	85.087	64.208	1016.7	2.5
165	14	85.125	63.254	1018.0	2.4
166	15	85.108	62.839	1023.5	4.8
167	16	85.101	62.433	1016.6	4.5
168	17	85.147	61.671	1014.2	3.0
169	18	85.158	61.357	1011.0	3.0
170	19	85.133	61.130	1018.6	3.6
171	20	85.128	60.987	1021.4	2.9
172	21	85.141	59.940	1006.8	1.6
173	22	85.147	59.236	1003.2	2.6
174	23	85.148	58.459	1011.8	3.9
175	24	85.107	57.673	1009.9	4.2
176	25	85.055	56.843	1009.4	3.9
177	26	84.976	56.203	1011.2	4.1
178	27	84.918	55.976	1016.2	5.0
179	28	84.893	56.126	1021.3	4.5
180	29			1019.9	3.0
181	30			1019.0*	5.4*

BUOY(3804) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	84.861*	56.420	1015.5*	3.2*
183	2	84.836	56.348	1010.6	2.4
184	3	84.809	56.018	1012.8	2.7
185	4	84.805	55.856	1014.0	3.4
186	5	84.795	56.176	1015.5	2.9
187	6	84.788	56.880	1017.0	3.5
188	7	84.805	57.593	1016.1	2.8
189	8	84.784	57.926	1022.4	2.8
190	9	84.778	57.726	1024.8	2.6
191	10	84.796	57.484	1023.7	3.0
192	11	84.818	57.115	1013.6	3.5
193	12	84.840	56.409	1003.7	2.5
194	13	84.828	55.718	999.6	2.2
195	14	84.788	54.727	999.1	2.1
196	15	84.707	53.414	995.8	1.8
197	16	84.648	52.617	995.6	1.7
198	17	84.570	52.421	989.2	1.9
199	18	84.508	52.553	993.6	2.2
200	19	84.474	52.823	998.2	2.5
201	20	84.463	52.786	1000.0	3.1
202	21	84.442	52.613	1004.0	2.7
203	22	84.426	53.176	997.9	2.0
204	23	84.365	53.230	1005.9	2.1
205	24	84.315	53.705	1010.9	2.4
206	25	84.397	54.174	990.4	1.6
207	26	84.352	54.891	997.9	1.5
208	27	84.234	55.806	1007.0	1.4
209	28	84.142	56.455	1011.4	1.4
210	29	84.124	56.668	1017.4	4.0
211	30	84.179	56.812	1013.1	2.3
212	31	84.169	57.232	1015.2	1.9

BUOY(3804) AUG. 81		LAT (N)	LON (+E,-W)	P (Mb)	T (C)
213	1	84.159	57.914	1009.3	1.7
214	2	84.121	58.334	1010.6	1.4
215	3	84.091	58.835	1012.9	2.2
216	4	84.080	59.193	1010.6	1.8
217	5	84.147	59.483	995.5	1.6
218	6	84.177	60.829	1002.6	1.5
219	7	84.167	61.239	1007.5	2.4
220	8	84.161	60.846	1012.6	1.9
221	9	84.144	61.067	1017.9	1.6
222	10	84.111	61.685	1025.5	1.8
223	11	84.127	62.489	1023.6	2.8
224	12	84.124	63.241	1024.3	1.9
225	13	84.131	63.785	1020.3	1.5
226	14	84.150	64.208	1017.4	1.8
227	15	84.194	64.355	1007.9	2.3
228	16	84.177	64.211	998.1	1.2
229	17	84.152	64.841	1003.1	1.0
230	18	84.121	65.296	1008.8	.8
231	19	84.115	65.372	1007.9	-.6
232	20	84.124	65.209	1003.3	-1.5
233	21	84.097	64.859	1009.2	-.5
234	22	84.063	64.955	1010.1	.3
235	23	84.012	65.099	1012.6	.3
236	24	83.973	65.448	1013.4	.1
237	25	83.978	65.961	1009.2	-.1
238	26	83.989	66.195	1012.9	.6
239	27	83.962	66.353	1021.4	-1.8
240	28	83.986	66.524	1028.8	-.7
241	29	84.011	66.863	1029.9	-1.4
242	30	84.031	66.969	1025.2	-3.5
243	31	84.022	67.204	1015.8	-3.2

BUOY(3804) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	84.024	67.562	1016.7	-.8
245	2	84.006	67.837	1015.5	.7
246	3	84.043	68.294	1007.0	.9
247	4	84.079	68.764	1005.9	.7
248	5	84.078	68.955	1004.5	-.5
249	6	84.107	68.403	1003.8	-1.0
250	7	84.115	67.950	1014.4	-5.8
251	8	84.114	67.398	1023.5	-4.1
252	9	84.126	66.653	1030.5	-2.9
253	10	84.125	66.085	1034.8	-5.6
254	11	84.131	65.874	1033.1	-6.5
255	12	84.145	65.888	1033.2	-7.0
256	13	84.165	65.869	1030.3	-5.4
257	14	84.171	65.780	1029.1	-8.4
258	15	84.180	65.920	1025.1	-8.2
259	16	84.205	66.151	1020.0	-5.8
260	17	84.211	66.265	1015.5	-6.5
261	18	84.211	65.987	1012.1	-8.2
262	19	84.182	65.707	1011.5	-9.9
263	20	84.157	65.287	1008.8	-9.9
264	21	84.098	65.060	1006.6	-7.0
265	22	84.015	65.132	1012.9	-8.4
266	23	84.025	65.230	1011.9	-8.3
267	24	84.121	65.447	1007.7	-5.1
268	25	84.178	65.777	1015.0	-2.4
269	26	84.263	65.920	1016.4	-3.2
270	27	84.328	66.274	1015.5	-3.5
271	28	84.291	66.370	1017.5	-6.3
272	29	84.280	66.374	1021.3	-7.8
273	30	84.319	66.531	1015.0	-7.6

BUOY(3804) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	84.450	66.535	1012.3	-6.4
275	2	84.638	66.485	1016.3	-8.3
276	3	84.659	66.145	1011.7	-10.4
277	4	84.819	64.610	1018.5	-9.2
278	5	84.831	62.420	1022.0	-10.0
279	6	84.801	60.828	1028.5	-7.3
280	7	84.765	59.671	1028.3	-8.3
281	8	84.746	59.000	1028.5	-11.9
282	9	84.736	58.456	1030.0	-12.3
283	10	84.730	57.603	1027.9	-13.2
284	11	84.743	56.455	1026.1	-10.6
285	12	84.750	55.763	1026.1	-8.9
286	13	84.809	54.942	1030.8	-6.9
287	14	84.899	54.116	1025.3	-10.7
288	15	85.030	53.303	1022.4	-10.1
289	16	85.225	52.302	1014.3	-9.5
290	17	85.423	50.997	994.3	-7.2
291	18	85.488	50.823	999.4	-4.1
292	19	85.493	51.307	1008.4	-8.5
293	20	85.484	51.589	1009.1	-9.2
294	21	85.453	51.439	1011.9	-10.5
295	22	85.457	51.076	1015.4	-11.8
296	23	85.477	50.610	1020.6	-11.5
297	24	85.522	50.277	1022.9	-11.8
298	25	85.586	49.858	1027.3	-9.2
299	26	85.661	49.563	1023.6	-8.8
300	27	85.708	50.189	1022.3	-5.6
301	28	85.731	51.475	1022.0	-3.5
302	29	85.698	51.442	1025.8	-5.3
303	30	85.687	51.525	1029.0	-7.4
304	31	85.663	52.348	1024.2	-4.8

BUOY(3804) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	85.675	52.670	1019.5	-5.6
306	2	85.710	51.977	1012.4	-7.8
307	3	85.729	51.219	1010.0	-8.8
308	4	85.710	49.639	993.5	-8.7
309	5	85.590	48.673	995.6	-9.0
310	6	85.478	48.717	1006.8	-11.5
311	7	85.467	48.427	1006.5	-13.7
312	8	85.408	48.416	1013.0	-15.4
313	9	85.416	48.246	1002.5	-15.8
314	10	85.489	45.874	991.0	-13.0
315	11	85.415	43.450	986.9	-16.2
316	12	85.303	42.873	982.4	-15.0
317	13	85.232	42.305	989.5	-12.5
318	14	85.194	43.154	992.7	-12.1
319	15	85.142	43.447	993.7	-12.3
320	16	85.125	43.066	994.1	-15.5
321	17	85.099	41.786	992.9	-15.5
322	18	85.030	40.223	1005.3	-13.9
323	19	85.013	39.559	1017.0	-13.1
324	20	85.009	39.063	1022.0	-15.5
325	21	85.048	37.416	1015.9	-16.2
326	22	85.090	35.544	1021.2	-13.6
327	23	85.113	34.570	1030.3	-13.5
328	24	85.130	34.171	1032.9	-15.2
329	25	85.120	33.937	1023.2	-17.4
330	26	85.097	33.756	1017.2	-18.0
331	27	85.081	34.058	1017.0	-17.1
332	28	85.086	34.672	1010.8	-15.6
333	29	85.073	34.652	1010.6	-16.5
334	30	85.089*	34.743	998.1*	-15.6*

BUOY(3804) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	84.978	34.503	1006.6	-19.6
337	3	84.944	34.512	1006.9	-20.0
338	4	84.861	34.387	1003.9	-19.9
339	5	84.699	34.472	997.2	-17.7
340	6	84.613	33.879	1012.6	-21.8
341	7	84.520	33.185	1024.1	-22.5
342	8	84.461	33.013	1017.5	-22.0
343	9	84.460	32.793	1036.3	-22.1
344	10	84.374	32.155	1028.1	-19.3
345	11	84.328	31.701	1022.5	-17.8
346	12	84.288	31.751	1006.1	-16.5
347	13	84.187	31.591	1004.7	-17.0
348	14	84.108	31.530	1004.9	-19.5
349	15	84.030	31.214	1002.5	-21.2
350	16	83.965	30.839	1006.8	-21.6
351	17	83.899	30.530	1008.4	-23.3
352	18	83.867	30.411	1011.2	-24.3
353	19	83.832	30.204	1013.7	-24.4
354	20	83.800	30.042	1022.3	-24.5
355	21	83.760	29.896	1032.5	-25.2
356	22	83.775	29.303	1017.5	-24.2
357	23	83.843	29.665	1006.7	-17.8
358	24	83.828	29.951	1014.0	-20.0
359	25	83.820	29.551	1018.9	-23.5
360	26	83.796	29.167	1023.7	-23.4
361	27	83.793	28.420	1039.9	-22.8
362	28	83.761	27.782	1044.8	-22.1
363	29	83.738	27.449	1043.5	-23.0
364	30	83.745	27.567	1031.2	-21.5
365	31	83.723*	27.347	1037.1*	-20.2*

BUOY(3805) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15				
136	16	74.609	-177.396	1007.6	1.0
137	17	74.594	-177.211	1002.5	.1
138	18	74.582	-177.083	1006.5	-3.1
139	19	74.662	-176.861	1000.6	-2.9
140	20	74.755	-176.824	1003.7	-1.8
141	21	74.814	-176.975	1006.3	-2.9
142	22	74.820	-177.268	1008.0	-2.4
143	23	74.857	-177.266	1014.2	1.0
144	24	74.923	-177.325	1017.3	3.6
145	25	74.925	-177.383	1023.6	3.6
146	26	74.945	-177.398	1026.8	3.0
147	27			1023.8	2.7
148	28	75.013	-177.563	1022.7	3.5
149	29	75.011	-177.524	1026.9	3.8
150	30	75.039	-177.503	1027.2	3.1
151	31	75.091	-177.514	1026.1	1.5

BUOY(3805) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	75.156	-177.507	1024.7	1.4
153	2	75.201	-177.623	1020.8	3.7
154	3	75.273	-177.757	1021.4	3.8
155	4	75.320	-177.828	1018.1	3.8
156	5	75.342	-177.877	1013.3	3.8
157	6	75.349	-177.955	1009.2	4.1
158	7	75.372	-178.100	1008.7	3.9
159	8	75.381	-178.252	1004.9	3.6
160	9	75.378	-178.264	1007.0	3.5
161	10	75.446	-178.343	1006.9	2.6
162	11	75.488	-178.477	1010.7	3.2
163	12	75.550	-178.615	1014.0	3.0
164	13	75.643	-178.888	1013.5	3.2
165	14	75.742	-179.037	1014.1	4.9
166	15	75.847	-179.198	1014.6	3.7
167	16	75.922	-179.396	1014.0	3.6
168	17	76.002	-179.629	1006.3	2.8
169	18	76.109	-179.659	1012.9	2.6
170	19	76.136	-179.725	1009.3	2.9
171	20	76.173	-179.845	1013.2	4.5
172	21	76.218	179.817	1015.7	4.2
173	22	76.265	179.490	1013.3	3.3
174	23	76.345	179.484	1007.0	2.3
175	24	76.424	179.503	1007.8	2.8
176	25	76.527	179.848	996.3	1.9
177	26	76.535	179.920	1005.7	2.7
178	27	76.478	179.992	1012.5	2.5
179	28			1013.7	2.7
180	29				
181	30				

BUOY(3805) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	76.272*	179.560	1017.9*	3.1*
183	2			1008.9	3.3
184	3	76.290*	179.966	999.3	2.3
185	4	76.264	179.954	996.0	2.2
186	5	76.218	179.841	1007.4	3.0
187	6	76.231	179.717	998.7	3.1
188	7	76.158	179.376	1005.3	2.1
189	8			1002.4	2.2
190	9	76.084*	179.163	1000.7	4.2
191	10	76.061	179.129	996.1	3.0
192	11	76.034	179.008	995.7	3.4
193	12	76.003	178.883	996.8	2.8
194	13	75.924	178.805	1001.0	2.2
195	14	75.892	178.670	1009.5	2.8
196	15	75.885	178.645	1014.5	3.2
197	16	75.899	178.550	1016.2	4.4
198	17	75.924	178.315	1012.7	4.0
199	18	75.937	178.035	1002.9	3.5
200	19	75.881	177.865	1004.7	2.0
201	20	75.804	177.956	1012.8	2.1
202	21	75.830	178.143	1009.8	2.8
203	22	75.840	178.209	1008.0	1.4
204	23	75.801	178.219	1016.3	3.2
205	24	75.776	178.073	1011.3	2.1
206	25	75.740	177.717	1008.2	1.3
207	26	75.741	177.358	1007.0	1.9
208	27	75.783	177.101	1001.5	2.4
209	28	75.846	176.697	990.5	1.9
210	29	75.892	176.321	993.6	1.5
211	30	75.863	176.127	997.5	1.6
212	31	75.877	175.760	1009.9	1.3

BUOY(3805) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	75.806	175.709	1012.7	1.2
214	2	75.786	175.867	1007.6	.5
215	3	75.863	176.322	1002.1	1.3
216	4	75.878	176.660	1004.7	1.4
217	5	75.875	176.580	1009.6	2.0
218	6	75.804	176.725	1019.1	1.7
219	7	75.722	177.046	1017.2	1.1
220	8	75.700	177.096	1015.8	1.6
221	9	75.678	177.097	1012.3	1.3
222	10	75.676	176.984	1012.8	1.9
223	11	75.755	176.628	1012.6	.7
224	12	75.736	176.321	1011.7	.8
225	13	75.767	176.262	1006.7	.5
226	14	75.790	176.046	1012.7	.6
227	15	75.778	175.780	1017.1	-.7
228	16	75.693	175.917	1014.0	-.8
229	17	75.653	176.406	997.7	.7
230	18	75.498	176.504	1003.4	.6
231	19	75.390	176.487	1006.8	-.2
232	20	75.357*	176.498	1005.4	-1.4
233	21			999.9	-1.1
234	22			996.7	-1.3
235	23	75.343	176.453	1006.1	-2.9
236	24	75.322	176.657	1000.5	-2.9
237	25	75.278	176.565	1013.4	-2.4
238	26	75.213	176.707	1024.0	-1.4
239	27	75.233	176.783	1032.9	-2.2
240	28			1036.0	-3.6
241	29	75.242	177.097	1033.5	-2.3
242	30	75.222	177.316	1024.8	-2.3
243	31	75.196	177.379	1023.2	-1.0

BUOY(3805) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	75.191	177.372	1022.4	-.3
245	2	75.215	177.369	1019.5	-2.0
246	3	75.268	177.381	1020.3	-3.2
247	4	75.332	177.372	1022.3	-3.4
248	5	75.400	177.516	1023.1	-4.0
249	6	75.399	177.526	1022.3	-5.7
250	7	75.424	177.416	1016.4	-4.5
251	8	75.420	177.368	1014.5	-1.8
252	9	75.433	177.360	1016.2	-1.3
253	10	75.455	177.190	1016.3	-4.9
254	11	75.464	176.905	1014.1	-8.1
255	12	75.393	176.831	998.7	-5.6
256	13	75.317	176.513	998.5	-6.3
257	14	75.324	176.279	1004.1	-7.4
258	15	75.319	176.040	1006.8	-10.5
259	16	75.348	175.816	1007.5	-9.7
260	17	75.371	175.671	1001.8	-10.7
261	18	75.386	175.522	1006.1	-11.0
262	19	75.351	175.678	1011.9	-8.3
263	20	75.298	175.740	1018.3	-6.4
264	21	75.334	175.984	1014.8	-5.5
265	22	75.459	175.893	1012.9	-5.1
266	23	75.508	175.781	1020.9	-7.0
267	24	75.504	175.677	1028.5	-7.7
268	25	75.541	175.665	1031.8	-12.2
269	26	75.602	175.658	1034.1	-13.7
270	27	75.674	175.663	1033.7	-11.5
271	28	75.748	175.815	1029.5	-8.3
272	29	75.886	175.835	1009.8	-5.3
273	30	76.017	175.631	1004.0	-2.4

BUOY(3805) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	76.061	175.310	1009.6	-3.6
275	2	76.094*	174.967	1016.9	-7.5
276	3	76.080	174.839	1027.5	-8.7
277	4	76.092	174.769	1035.6	-11.7
278	5	76.073	174.677	1033.8	-13.8
279	6	76.049	174.576	1027.2	-15.1
280	7	76.039	174.524	1026.6	-18.6
281	8	76.069	174.478	1029.0	-17.8
282	9	76.153	174.323	1033.0	-12.4
283	10	76.215	174.128	1034.9	-14.9
284	11	76.223	173.762	1026.0	-12.4
285	12	76.198	173.261	1019.3	-10.5
286	13	76.178	172.703	1015.5	-8.2
287	14			1020.5	-8.4
288	15			1027.9	-11.0
289	16	76.234	171.097	1040.6	-11.5
290	17	76.199	170.805	1040.4	-16.4
291	18	76.202	170.574	1035.7	-17.8
292	19	76.229	170.413	1031.2	-20.6
293	20	76.252	170.194	1025.1	-21.4
294	21	76.256	170.198	1025.8	-21.6
295	22	76.286	170.290	1026.6	-22.8
296	23	76.316	170.168	1029.3	-22.5
297	24	76.353	169.828	1024.2	-19.9
298	25	76.449	169.469	1024.8	-18.7
299	26	76.518	169.303	1031.5	-21.4
300	27	76.534*	169.353	1031.3	-21.1
301	28	76.521*	169.429	1021.4	-18.3
302	29	76.498	169.413	1015.9	-19.8
303	30	76.556	169.375	1015.6	-19.7
304	31	76.583	169.165	1024.2	-19.1

BUOY(3805) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	76.574	169.109	1028.9	-19.4
306	2	76.573	169.280	1025.1	-18.3
307	3	76.526	169.415	1024.9	-14.5
308	4	76.447	169.531	1023.3	-17.0
309	5	76.382	169.881	1008.6	-14.8
310	6	76.333	170.050	1003.8	-13.0
311	7	76.329	170.194	1007.0	-15.0
312	8	76.336	170.337	1009.4	-17.7
313	9	76.365	170.460	1017.7	-20.4
314	10	76.421	170.368	1015.5	-20.0
315	11	76.479	170.349	1019.1	-18.6
316	12	76.457	170.298	1019.9	-23.1
317	13	76.381	170.327	1015.3	-23.9
318	14	76.333	170.547	1006.3	-23.8
319	15	76.337	170.869	1007.7	-21.3
320	16	76.370	170.917	1009.3	-22.7
321	17	76.467*	170.611	990.5	-17.9
322	18			1011.9	-19.2
323	19	76.585	170.503	1010.3	-15.7
324	20	76.672	170.379	1017.9	-15.2
325	21	76.717	170.338	1028.0	-18.4
326	22	76.741	170.285	1033.4	-22.2
327	23	76.766	170.122	1041.6	-21.0
328	24	76.750	169.952	1037.3	-23.1
329	25	76.703	169.850	1034.4	-22.0
330	26	76.656	169.766	1032.6	-24.7
331	27	76.622	169.959	1012.0	-24.3
332	28	76.587	170.091	1002.1	-25.0
333	29	76.526	170.192	1004.9	-28.0
334	30	76.535*	170.481	991.3*	-25.2*

BUOY(3805) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2			986.8	-27.6
337	3	76.541	171.181	994.9	-25.7
338	4	76.550	171.349	1005.0	-30.0
339	5	76.569	171.534	1013.3	-29.6
340	6	76.627	171.498	1013.5	-28.4
341	7	76.734	171.233	1005.7	-27.6
342	8	76.809	170.891	993.5	-21.6
343	9	76.906	170.418	999.2	-12.9
344	10	76.983*	169.898	999.3	-17.4
345	11	77.029*	169.941	1006.8	-25.4
346	12	77.090	170.368	1010.9	-26.8
347	13	77.143	170.545	1007.7	-25.0
348	14	77.210	170.675	1010.7	-28.8
349	15	77.301	170.665	1005.3	-30.2
350	16	77.385	170.649	1008.9	-26.7
351	17	77.423	170.563	1009.1	-27.4
352	18	77.462	170.253	1004.9	-26.5
353	19	77.484	169.604	992.5	-21.1
354	20	77.526	169.117	983.0	-18.4
355	21	77.620	168.825	992.7	-20.0
356	22	77.681	168.633	1009.0	-25.5
357	23	77.693	168.539	1017.9	-22.2
358	24	77.726	168.371	1017.1	-18.0
359	25	77.797	168.024	1025.2	-21.1
360	26	77.818	167.950	1038.3	-26.5
361	27	77.909	167.517	1036.1	-24.8
362	28	78.029	166.947	1036.2	-22.8
363	29	78.049	166.649	1033.4	-26.4
364	30	78.030	166.438	1017.8	-25.5
365	31				

BUOY(3806) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15			1006.5*	11.4*
136	16			1003.4	-6.7
137	17	83.831	-147.463	1003.2	-9.4
138	18	83.865	-147.579	1004.5	-9.1
139	19	83.883	-147.831	1008.0	-9.1
140	20	83.903*	-148.147	1011.3	-8.6
141	21	83.911*	-148.258	1016.8	-5.7
142	22	83.925	-147.919	1016.7	-5.4
143	23	83.935	-147.442	1018.8	-5.9
144	24	83.954	-147.498	1022.3	-4.8
145	25	83.989	-147.623	1021.8	-4.3
146	26	84.028	-147.558	1021.2	-2.2
147	27	84.026	-147.033	1022.0	.0
148	28	84.022	-146.628	1025.6	-.3
149	29	84.055	-146.397	1023.4	-.5
150	30	84.083	-146.361	1013.2	.5
151	31	84.073	-146.176	1013.7	1.1

BUOY(3806) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	84.075	-145.959	1017.1	1.4
153	2	84.066	-145.904	1020.5	2.3
154	3	84.061	-145.793	1017.4	1.7
155	4	84.052	-145.912	1016.9	2.2
156	5	84.046	-145.730	1016.1	2.1
157	6	84.118	-145.276	1014.9	.2
158	7	84.183	-144.994	1019.4	.3
159	8	84.223	-145.240	1019.6	1.2
160	9	84.258	-145.587	1017.3	-.1
161	10	84.272	-145.625	1018.3	1.7
162	11	84.276	-145.472	1022.5	4.4
163	12	84.293	-145.294	1021.8	4.7
164	13	84.308	-145.259	1023.7	5.4
165	14	84.333	-145.315	1023.2	4.8
166	15	84.356	-145.308	1023.1	5.4
167	16	84.351	-145.204	1025.2	4.6
168	17	84.344	-145.194	1022.5	6.6
169	18	84.351	-145.208	1020.3	7.4
170	19	84.363	-145.230	1018.3	4.4
171	20	84.362	-145.254	1022.5	4.4
172	21	84.360	-145.213	1022.9	5.3
173	22	84.324	-145.065	1023.0	4.6
174	23	84.331	-144.853	1022.7	5.5
175	24	84.371	-144.542	1020.5	4.9
176	25	84.449	-144.434	1011.3	3.1
177	26	84.542	-144.262	1007.9	1.6
178	27	84.599	-144.343	1011.0	1.4
179	28	84.612	-144.527	1017.8	2.9
180	29				
181	30				

BUOY(3806) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	84.543*	-144.753	1014.8*	1.2*
183	2	84.538	-144.772	1012.1	2.1
184	3	84.568	-144.754	1007.6	1.4
185	4	84.618	-145.039	1005.7	1.4
186	5	84.599	-145.454	1003.8	1.4
187	6	84.601	-145.955	1004.8	1.3
188	7	84.589	-146.578	1002.5	1.4
189	8	84.618	-147.188	1006.7	1.4
190	9	84.667	-147.973	1010.2	1.4
191	10	84.690	-149.127	1008.6	1.3
192	11	84.762	-149.446	1010.2	1.0
193	12	84.756	-151.102	999.1	.2
194	13	84.764	-151.335	1003.6	1.6
195	14	84.769	-151.298	1001.8	1.3
196	15	84.756	-151.335	1003.8	.9
197	16	84.710	-150.974	1004.8	1.2
198	17	84.667	-150.012	1001.7	1.2
199	18	84.624	-148.301	1004.0	1.2
200	19	84.660	-147.385	1002.7	1.3
201	20	84.716	-147.222	993.7	1.1
202	21	84.710	-147.030	996.4	1.5
203	22	84.721	-146.271	995.2	1.0
204	23	84.722	-145.567	996.0	.4
205	24	84.649	-144.324	1006.7	-.2
206	25	84.629	-143.740	1007.6	-.6
207	26	84.636	-143.491	1006.8	-.4
208	27	84.665	-142.732	1008.8	.8
209	28	84.731	-142.431	1011.7	.7
210	29	84.802	-142.485	1015.0	1.3
211	30	84.819	-142.555	1013.5	2.2
212	31	84.785	-142.429	1000.7	.6

BUOY(3806) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	84.747	-142.513	996.0	-.5
214	2	84.710	-142.532	1002.2	-.4
215	3	84.717	-142.383	1003.9	.1
216	4	84.828	-142.269	1001.3	-.8
217	5	84.919	-142.776	998.5	-.8
218	6	84.980	-142.772	998.9	-.5
219	7	84.948	-143.006	998.4	-.6
220	8	84.879	-143.344	1003.9	-.8
221	9	84.814	-143.423	1007.0	-.7
222	10	84.772	-143.718	1011.0	-.9
223	11	84.736	-143.933	1007.3	-.7
224	12	84.746	-143.990	1006.7	-.8
225	13	84.744	-144.073	1009.6	-1.7
226	14			1007.4	-.8
227	15	84.623*	-144.429	1000.9	-.6
228	16			998.6	-2.3
229	17	84.727	-144.219	991.1	-2.7
230	18	84.786	-144.697	993.3	-2.6
231	19	84.738	-145.437	993.9	-2.0
232	20	84.689	-145.874	993.4	-2.8
233	21	84.692	-145.656	995.7	-2.4
234	22	84.774	-144.827	998.9	-2.6
235	23	84.853	-144.701	994.4	-2.7
236	24	84.868	-144.360	994.0	-2.6
237	25	84.879	-143.922	1000.2	-2.8
238	26	84.853	-144.476	1000.9	-2.9
239	27	84.717	-145.004	1014.1	-2.7
240	28	84.570	-145.083	1017.7	-2.6
241	29	84.416	-145.212	1012.2	-1.4
242	30	84.251	-146.100	1009.3	-1.7
243	31	84.141	-146.488	1006.3	-.8

BUOY(3807) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15	78.003	-147.698	1013.3*	-1.1*
136	16	78.003	-147.335	996.9*	-5.5*
137	17	77.994	-147.227	999.1	-1.9
138	18	78.020	-147.105	996.9	-1.0
139	19	77.995	-147.018	1006.6	-3.3
140	20	77.977	-146.773	1007.7	-4.4
141	21			1013.4	-3.5
142	22	78.059*	-147.029	1015.9	-4.8
143	23	78.116	-147.157	1017.4	-3.8
144	24	78.130	-147.232	1018.8	-.7
145	25	78.079	-147.412	1018.6	-.9
146	26	78.025	-147.464	1026.7	-.2
147	27	77.995	-147.351	1029.4	.1
148	28	78.024	-147.296	1029.0	-.5
149	29	78.091	-147.274	1023.2	-.4
150	30	78.051	-147.222	1024.3	.7
151	31	77.997	-147.016	1020.2	1.0

BUOY(3807) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	77.932	-146.978	1021.2	2.2
153	2	77.896	-147.050	1023.1	2.8
154	3	77.868	-147.169	1018.4	2.7
155	4	77.822	-147.250	1014.2	2.3
156	5	77.824	-147.270	1018.0	3.0
157	6	77.872	-147.190	1017.3	2.2
158	7	77.922	-147.305	1012.6	2.6
159	8	77.996	-147.634	1009.2	1.8
160	9	78.071	-147.617	1015.5	2.4
161	10	78.083	-147.501	1023.4	2.9
162	11	78.118	-147.505	1024.0	2.4
163	12			1022.1	3.2
164	13	78.233*	-147.543	1024.6	4.9
165	14	78.287	-147.591	1023.9	4.7
166	15	78.311	-147.470	1025.8	3.0
167	16	78.306	-147.413	1024.3	5.9
168	17	78.342	-147.406	1020.5	4.7
169	18	78.370	-147.304	1019.0	2.6
170	19	78.375	-147.096	1019.0	3.4
171	20	78.399	-147.053	1020.5	2.7
172	21	78.412	-147.176	1022.0	3.4
173	22	78.415	-147.175	1024.4	5.6
174	23	78.417	-147.190	1023.7	6.0
175	24	78.438	-147.129	1020.1	4.4
176	25	78.486*	-147.047	1013.9	2.6
177	26	78.524*	-146.802	1007.9	2.1
178	27	78.574*	-146.718	1007.0	2.2
179	28	78.607	-146.919	1009.2	3.6
180	29				
181	30				

BUOY(3807) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1013.1*	2.4*
183	2			1011.5	2.8
184	3			1004.5	3.4
185	4	78.641*	-147.857	995.8	2.2
186	5	78.670	-148.425	992.2	1.7
187	6	78.616	-148.968	990.5	1.9
188	7	78.607	-149.587	990.1	1.6
189	8	78.634*	-149.710	998.2	2.1
190	9	78.585*	-149.982	994.8	2.1
191	10	78.609	-149.788	1002.0	1.9
192	11	78.594	-149.796	995.7	2.1
193	12	78.571	-149.329	999.0	1.7
194	13	78.613	-149.109	1001.8	1.6
195	14	78.594	-148.865	1003.3	1.8
196	15	78.528	-148.659	1006.3	2.0
197	16	78.458*	-148.595	1015.0	2.5
198	17	78.402*	-148.410	1017.9	3.6
199	18	78.394	-148.281	1015.3	4.1
200	19	78.547	-148.044	1002.0	2.2
201	20	78.583	-147.644	999.4	1.5
202	21	78.484	-147.114	1008.3	1.3
203	22	78.462	-146.439	1004.8	2.1
204	23	78.389	-145.745	1016.9	1.4
205	24	78.373	-145.491	1014.6	1.6
206	25	78.373*	-145.383	1012.1	1.5
207	26	78.416*	-145.483	1012.2	1.9
208	27	78.461	-145.582	1012.9	1.7
209	28	78.539	-145.403	1010.5	2.2
210	29	78.655	-145.331	1009.7	2.1
211	30	78.736	-145.448	1007.5	2.5
212	31	78.762	-145.497	1004.1	2.1

BUOY(3807) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	78.758	-145.198	1000.6	1.9
214	2	78.726*	-144.862	1007.0	1.0
215	3	78.714*	-144.742	1009.4	1.8
216	4	78.753	-144.067	1002.5	.2
217	5	78.723	-143.640	1004.1	.4
218	6	78.685	-143.293	1001.7	.5
219	7	78.594	-142.835	1004.9	.2
220	8	78.535	-142.558	1009.1	.4
221	9	78.493	-142.360	1011.3	.9
222	10	78.481	-142.276	1011.4	.9
223	11	78.474*	-142.427	1009.1	.5
224	12	78.406*	-142.258	1007.8	.0
225	13			1008.6	.0
226	14	78.326*	-142.182	1007.3	-1.2
227	15	78.262*	-142.396	1003.3	-1.9
228	16	78.165*	-142.267	1000.5	-1.6
229	17	78.075	-141.929	992.4	-1.4
230	18	78.100	-141.166	981.6	-.3
231	19	78.082	-140.725	986.1	-.6
232	20	78.038*	-140.343	996.9	-1.3
233	21	77.976*	-139.787	1006.8	-2.3
234	22	78.023	-139.098	1003.7	-3.1
235	23	78.032	-138.864	995.7	-1.2
236	24	77.962	-138.511	1005.9	-2.7
237	25	77.991	-137.772	997.9	-2.6
238	26	77.839	-137.061	1008.2	-2.7
239	27	77.657	-136.629	1014.3	-2.4
240	28	77.408	-136.606	1019.3	-2.0
241	29	77.226	-136.467	1013.4	-.9
242	30			989.8	-1.0
243	31	76.827*	-136.504	1001.1	-2.2

BUOY(3807) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	76.713	-136.758	1011.6	-3.6
245	2	76.660	-136.878	1015.6	-4.5
246	3	76.644	-137.062	1024.9	-3.7
247	4	76.601	-137.238	1023.2	-3.2
248	5	76.500	-137.516	1020.9	-2.6
249	6	76.421	-137.998	1022.6	-2.9
250	7	76.431	-138.432	1023.7	-3.0
251	8	76.470	-138.958	1020.3	-4.1
252	9	76.500	-139.527	1018.3	-5.2
253	10	76.503	-139.972	1013.9	-5.9
254	11	76.485	-140.096	1002.8	-5.4
255	12	76.485	-139.902	1007.9	-5.6
256	13	76.537	-139.857	1013.9	-3.9
257	14	76.560	-139.782	1021.2	-2.6
258	15	76.612	-139.989	1013.9	-.9
259	16	76.632	-140.389	1008.3	-.4
260	17	76.640	-140.665	1010.9	-2.2
261	18	76.644	-140.504	1019.7	-4.2
262	19	76.723	-140.339	1012.2	-4.7
263	20	76.814	-140.366	1009.7	-6.4
264	21	76.522	-139.836	1021.4	-8.1
265	22	76.512	-139.402	1026.0	-9.2
266	23	76.527	-139.337	1021.9	-11.5
267	24	76.493	-139.586	1023.0	-10.7
268	25	76.435	-139.775	1028.1	-8.6
269	26	76.394	-139.920	1030.8	-7.7
270	27	76.357	-139.881	1028.0	-12.0
271	28	76.326	-139.843	1027.4	-11.4
272	29	76.288	-139.896	1031.2	-12.6
273	30	76.259	-140.231	1023.1	-13.2

BUOY(3807) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	76.310	-140.899	1017.2	-7.0
275	2	76.363	-141.369	1022.0	-5.2
276	3	76.404*	-141.724	1025.9	-8.5
277	4	76.381*	-142.244	1018.9	-12.6
278	5	76.262	-142.729	1007.0	-8.9
279	6	76.208	-142.827	1008.0	-4.7
280	7	76.193	-142.722	1017.2	-5.4
281	8	76.179	-142.489	1027.8	-6.1
282	9	76.141	-142.696	1029.7	-8.4
283	10	76.136	-143.560	1029.0	-5.2
284	11	76.198	-144.286	1025.8	-4.0
285	12	76.318	-145.084	1018.0	-3.1
286	13	76.394	-145.751	1022.5	-4.0
287	14	76.405	-146.262	1023.6	-7.6
288	15	76.418	-146.785	1027.7	-8.4
289	16	76.362	-147.150	1029.2	-9.6
290	17	76.320	-147.258	1033.5	-13.5
291	18	76.271	-147.403	1031.6	-16.1
292	19	76.256	-147.602	1034.5	-13.7
293	20	76.260	-147.874	1035.2	-10.9
294	21	76.292	-147.669	1028.4	-11.6
295	22	76.300	-147.559	1024.9	-11.8
296	23	76.300	-147.748	1033.5	-15.1
297	24	76.320	-148.009	1033.8	-14.9
298	25	76.355	-148.307	1031.1	-14.2
299	26	76.312	-148.601	1024.0	-15.3
300	27	76.270	-148.807	1025.3	-18.4
301	28	76.251	-148.915	1020.7	-20.5
302	29	76.206	-149.100	1018.5	-18.5
303	30	76.161	-149.427	1011.6	-15.0
304	31	76.102	-149.748	1011.2	-15.0

BUOY(3807) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	76.007	-149.962	1018.9	-16.4
306	2	75.937	-149.888	1025.2	-19.1
307	3	75.923	-149.780	1022.6	-19.1
308	4	75.959	-149.849	1021.2	-18.6
309	5	75.954	-150.295	1008.9	-15.9
310	6	75.916	-150.540	1007.4	-17.7
311	7	75.878	-150.538	1013.7	-16.4
312	8	75.888	-150.399	1017.0	-19.1
313	9	75.899	-150.387	1019.2	-21.1
314	10	75.900	-150.450	1026.5	-21.4
315	11	75.924	-150.739	1024.3	-20.2
316	12	75.973	-151.284	1019.1	-18.3
317	13	76.073	-151.991	1013.5	-16.0
318	14	76.245	-152.304	1006.4	-14.0
319	15	76.370	-152.033	1012.8	-12.5
320	16	76.426	-152.095	1016.0	-15.4
321	17	76.453	-152.149	1012.2	-14.6
322	18	76.465	-151.872	1019.1	-14.6
323	19	76.467	-151.883	1023.0	-16.0
324	20	76.452	-151.965	1030.4	-18.3
325	21	76.444	-151.990	1030.1	-16.1
326	22	76.446	-152.065	1031.3	-16.1
327	23	76.408	-152.347	1034.5	-18.7
328	24	76.362	-152.584	1026.0	-17.9
329	25	76.316	-152.852	1016.6	-17.1
330	26	76.274	-153.051	1022.0	-16.0
331	27	76.250	-153.010	1009.4	-17.7
332	28	76.267	-152.690	1002.1	-21.8
333	29	76.314	-152.552	1000.4	-22.6
334	30	76.319*	-152.546	998.1*	-23.3*

BUOY(3807) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	76.362	-152.517	994.8	-24.8
337	3	76.352	-152.857	990.4	-18.9
338	4	76.308	-152.767	1008.0	-17.9
339	5	76.278	-152.809	1014.0	-21.0
340	6	76.183	-153.097	1013.3	-18.9
341	7	76.132	-153.184	1015.5	-19.2
342	8	76.168	-153.074	1025.3	-23.4
343	9	76.302	-153.241	1021.1	-20.4
344	10	76.369	-153.551	1004.7	-17.8
345	11	76.359	-153.395	1006.5	-18.0
346	12	76.333	-152.958	1025.2	-20.5
347	13	76.402	-152.535	1032.3	-19.8
348	14	76.502	-152.422	1028.4	-19.0
349	15	76.603	-152.655	1018.5	-18.1
350	16	76.632	-152.800	1015.2	-21.2
351	17	76.640	-152.837	1015.0	-22.8
352	18	76.684	-153.118	1007.2	-20.2
353	19	76.748	-154.052	994.9	-17.2
354	20	76.884	-154.677	998.1	-15.1
355	21	76.963	-154.874	1008.9	-15.4
356	22	77.005	-154.960	1020.3	-19.5
357	23	77.047	-154.943	1024.0	-21.6
358	24	77.039	-155.048	1024.6	-17.0
359	25	77.032	-155.279	1030.4	-14.6
360	26	76.979	-155.318	1043.8	-18.5
361	27	76.933	-155.540	1048.5	-20.4
362	28	76.904	-155.707	1042.1	-21.8
363	29	76.814	-155.657	1017.0	-19.9
364	30	76.806*	-155.927	1012.8	-17.6
365	31				

BUOY(3808) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15	85.038	170.812		
136	16	85.080	169.964	1006.0	-7.9
137	17	85.102*	169.564	1003.8*	-8.4*
138	18				
139	19				
140	20				
141	21				
142	22			1012.1*	-7.0*
143	23	85.210*	167.657	1016.4	-4.6
144	24			1019.9	-4.4
145	25	85.281	167.313	1015.8	-3.0
146	26	85.414	167.267	1008.9	-1.0
147	27	85.529	168.250	1015.0	-.6
148	28	85.658	168.796	1016.4	-.8
149	29	85.725	168.864	1017.3	-.4
150	30	85.807	168.928	1005.3*	-.6*
151	31	85.872	169.525	1002.9*	-1.6*

BUOY(3808) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	85.889	170.933	1015.8	-2.1
153	2	85.960	171.272	1011.0	-1.6
154	3			1018.9	-.3
155	4	86.008	171.562	1020.3	-1.8
156	5			1011.0	-3.0
157	6	86.117	170.455	1005.3	-1.0
158	7	86.169	170.257	1013.5	1.0
159	8	86.193	169.835	1019.7	2.2
160	9	86.198	169.338	1018.7	1.6
161	10	86.208	168.826	1017.7	-.3
162	11	86.265	168.497	1019.8	1.5
163	12	86.270	168.236	1017.9	2.1
164	13	86.293	168.028	1020.1	3.7
165	14	86.316	167.751	1021.1	4.7
166	15	86.329	167.236	1021.2	4.1
167	16	86.346	166.871	1024.5	6.5
168	17	86.365	166.752	1022.7	7.7
169	18	86.389	166.407	1016.7	6.4
170	19	86.416	166.024	1014.2	4.6
171	20			1020.7	4.7
172	21			1020.7	3.8
173	22			1020.1	4.4
174	23			1016.1	4.6
175	24	86.626	165.572	1012.4	3.3
176	25			1004.6	3.0
177	26	86.730	162.988	1002.7	2.2
178	27			1010.1	2.6
179	28			1020.3	5.8
180	29				
181	30				

BUOY(3808) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1014.3*	3.1*
183	2			1009.4	3.6
184	3			1008.3	2.6
185	4			1009.2	2.7
186	5	86.795*	160.102	1010.0	3.6
187	6	86.765	159.933	1009.2	3.5
188	7	86.723	159.741	1004.9	3.1
189	8	86.688	158.914	1011.1	2.7
190	9	86.662	157.653	1018.7	3.1
191	10	86.602	156.765	1016.5	4.3
192	11	86.582	155.956	1013.9	3.0
193	12	86.536	155.532	1008.7	4.4
194	13	86.510	155.647	1004.7	5.4
195	14	86.534	155.761	1001.8	5.7
196	15	86.582	155.580	1001.8	3.4
197	16	86.638	156.217	1000.1	2.7
198	17	86.746	157.855	989.1	2.3
199	18	86.776	159.741	997.6	2.7
200	19	86.799	160.496	1002.4	3.3
201	20	86.800	160.482	1000.0	5.3
202	21	86.811	160.271	996.1	4.7
203	22	86.832	159.841	989.2	2.5
204	23			993.6	2.7
205	24	86.804	160.146	1000.4	2.5
206	25	86.787	159.944	1005.6	3.8
207	26	86.843	162.106	993.1	1.7
208	27	86.896	163.567	997.1	1.9
209	28	87.002	163.883	1006.1	1.9
210	29	87.068	163.173	1013.6	2.4
211	30	87.086	162.890	1016.0	4.6
212	31	87.043	163.398	1004.4	2.6

BUOY(3808) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	86.971	163.574	1000.3	2.0
214	2	86.955	163.844	1001.8	3.0
215	3	86.961	163.732	1002.7	3.1
216	4	86.953	161.684	1006.2	2.0
217	5	86.937	160.511	1005.7	2.5
218	6	86.955	160.879	997.6	1.9
219	7	86.932	161.181	1002.3	2.8
220	8	86.921	161.296	1007.8	2.5
221	9	86.884	161.198	1011.3	2.0
222	10	86.859	161.167	1016.1	2.3
223	11	86.794	161.314	1012.3	1.3
224	12	86.726*	160.857	1012.8	1.3
225	13	86.709*	160.751	1010.1	1.1
226	14	86.692	160.774	1011.9	1.2
227	15	86.625	160.930	1008.0	1.6
228	16	86.604	161.267	993.5	1.7
229	17	86.613	161.184	991.2	1.2
230	18	86.610	160.594	1000.3	.1
231	19	86.544	160.533	998.7	-1.3
232	20	86.519	160.042	995.9	-2.3
233	21	86.508	159.511	995.0	-1.5
234	22	86.489	158.572	992.9	-1.4
235	23	86.507	157.921	996.3	-2.6
236	24	86.434	156.219	995.7	-2.1
237	25	86.321	155.548	1003.4	-2.2
238	26	86.233	155.652	1009.1	-.9
239	27	86.195	156.174	1021.4	-.1
240	28	86.132	157.363	1026.2	-.4
241	29	86.048	158.319	1025.5	-1.4
242	30	85.922	159.044	1020.4	-1.4
243	31	85.855	159.777	1013.0	.1

BUOY(3808) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	85.845	160.142	1014.5	-2.0
245	2	85.838	160.522	1016.8	-2.9
246	3	85.852	160.862	1015.9	-3.1
247	4	85.906	161.310	1014.8	-2.4
248	5	85.964	161.551	1009.0	-1.5
249	6	86.025	162.343	1011.6	-1.0
250	7	86.115	162.701	1019.5	-.8
251	8	86.203	162.323	1025.7	-1.4
252	9	86.275	161.165	1028.8	-4.5
253	10	86.322	160.485	1032.5	-7.6
254	11	86.266	160.285	1024.5	-6.3
255	12	86.108	159.798	1018.4	-3.6
256	13	86.013	158.813	1018.6	-3.8
257	14	86.031	158.535	1021.5	-4.2
258	15	86.043	158.416	1022.1	-5.8
259	16	86.037	158.638	1018.6	-5.7
260	17	86.033	159.090	1014.9	-7.2
261	18	86.045	159.403	1015.1	-10.4
262	19	86.030	159.041	1007.8	-9.0
263	20	86.011	158.842	1003.0	-6.8
264	21	86.006	159.106	998.0	-8.5
265	22	85.975	159.962	1001.3	-8.7
266	23	85.963	160.492	1013.1	-10.1
267	24	85.947	161.054	1021.7	-12.9
268	25	85.979	161.681	1023.8	-14.2
269	26	85.999	162.577	1023.7	-13.4
270	27	85.993	163.325	1020.6	-11.3
271	28	86.007	164.074	1017.0	-8.4
272	29	86.038	165.277	1016.6	-9.7
273	30	86.057	165.758	1025.4	-13.9

BUOY(3808) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	86.053	165.890	1032.3	-15.0
275	2	86.078	166.023	1033.2	-16.0
276	3	86.112	166.261	1031.2	-15.4
277	4	86.167	166.339	1034.6	-12.8
278	5	86.248	166.452	1036.7	-12.1
279	6	86.290	166.089	1031.8	-16.6
280	7	86.278	165.516	1026.0	-15.6
281	8	86.261	165.357	1028.8	-12.6
282	9	86.304	165.387	1034.0	-12.0
283	10	86.382	165.683	1034.5	-12.8
284	11	86.459	166.473	1038.4	-13.2
285	12	86.509	166.898	1039.9	-15.9
286	13	86.514	167.124	1039.5	-17.7
287	14	86.496	167.437	1037.3	-12.9
288	15	86.460	168.119	1039.8	-13.2
289	16	86.418	169.375	1039.1	-16.9
290	17	86.368	171.560	1028.2	-18.1
291	18	86.373	174.463	1015.8	-12.7
292	19	86.400	176.569	1017.7	-10.3
293	20	86.450	178.119	1018.7	-12.9
294	21	86.510	179.092	1016.9	-19.0
295	22	86.564	179.351	1016.1	-21.0
296	23	86.586	179.602	1023.9	-21.6
297	24	86.613	179.991	1028.0	-18.9
298	25	86.638	-179.787	1032.8	-17.9
299	26	86.631	-179.346	1026.4	-20.5
300	27	86.594	-178.745	1019.9	-16.3
301	28	86.545	-178.319	1010.0	-12.2
302	29	86.539	-178.860	1014.2	-15.2
303	30	86.516	179.936	1023.2	-15.5
304	31	86.539	-179.261	1013.4	-15.2

BUOY(3808) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	86.559	-179.444	1014.9	-15.6
306	2	86.547	-179.815	1018.2	-18.7
307	3	86.538	-179.780	1018.7	-21.3
308	4	86.556	-179.333	1011.5	-19.2
309	5	86.689	-178.702	999.6	-18.6
310	6	86.787	-179.104	996.9	-21.5
311	7	86.869	-179.533	998.1	-18.8
312	8	86.920	179.883	1004.0	-20.3
313	9	86.944	179.720	1010.1	-22.8
314	10	86.980	-179.985	1011.9	-22.8
315	11	87.032	-179.104	1007.7	-21.7
316	12	87.152	-177.307	1001.0	-21.6
317	13	87.317	-174.358	997.5	-18.3
318	14			995.3	-19.8
319	15	87.478	-173.022	997.1	-22.6
320	16	87.523	-172.886	1006.3	-25.9
321	17	87.560	-172.922	1012.0	-26.8
322	18	87.600	-173.074	1014.0	-25.0
323	19	87.620	-173.248	1023.0	-25.3
324	20	87.629	-173.392	1030.0	-26.3
325	21	87.651	-173.621	1032.8	-27.8
326	22	87.603	-173.220	1036.2	-27.6
327	23	87.661	-172.976	1039.2	-22.7
328	24	87.646	-172.536	1034.9	-22.1
329	25	87.601	-172.291	1028.4	-23.9
330	26	87.571*	-171.067	1014.4	-25.0
331	27	87.565*	-170.780	1001.8	-25.2
332	28	87.556	-171.046	997.7	-25.1
333	29	87.581	-172.319	997.1	-25.3
334	30	87.590*	-173.558	995.7*	-27.6*

BUOY(3808) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	87.654	-175.142	996.3	-30.9
337	3	87.705	-175.561	1003.8	-32.6
338	4	87.781	-176.996	990.1	-27.3
339	5	87.876	-176.090	1005.6	-32.9
340	6	87.977	-175.671	1019.2	-33.1
341	7			1025.2	-31.3
342	8			1019.6	-26.6
343	9	88.167	-175.528	1036.6	-27.6
344	10	88.251	-176.825	1028.2	-24.1
345	11	88.260	-178.478	1010.2	-20.8
346	12			1002.8	-21.7
347	13	88.376	179.853	1002.5	-27.3
348	14	88.466	-179.915	1008.8	-29.8
349	15	88.588	-179.047	1010.9	-29.6
350	16	88.686	-178.997	1013.3	-29.2
351	17	88.743	-178.800	1011.8	-28.2
352	18	88.782	-178.873	1017.9	-29.9
353	19	88.809	-179.453	1020.4	-29.4
354	20	88.850	179.226	1020.9	-26.9
355	21	88.909	175.386	1019.9	-28.0
356	22			1023.2	-26.8
357	23	88.937*	175.798	1008.0	-26.7
358	24	88.944	179.806	1018.3	-22.5
359	25	88.968	-177.623	1029.5	-25.6
360	26	88.988	-175.389	1035.8	-25.2
361	27	88.995	-172.505	1051.4	-26.2
362	28	89.051*	-169.760	1045.4	-26.9
363	29	88.958*	-170.769	1031.1	-24.4
364	30			1031.7	-23.7
365	31	89.041*	-170.791	1040.8*	-28.2*

BUOY(3809) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15				
136	16	80.612*	170.752	999.7	1.3
137	17	80.649	170.670	999.4	-4.8
138	18	80.686	170.379	1002.9	-7.2
139	19	80.736	169.833	998.1*	-7.9*
140	20	80.819	169.151	1000.4*	-4.2*
141	21			1008.9	-2.5
142	22	80.897	168.901	1012.2	-1.2
143	23	80.881	168.929	1017.5	-3.7
144	24	80.891	168.722	1016.2	-3.5
145	25	80.971	168.779	1014.0	.2
146	26	81.099	169.240	1014.1	.5
147	27	81.187	169.624	1019.8	.9
148	28	81.278	169.645	1016.9	1.5
149	29	81.345	169.602	1016.7	2.6
150	30	81.406	170.177	1016.4	1.9
151	31	81.493	170.645		

BUOY(3809) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	81.523	171.049	1018.3	3.5
153	2	81.621	171.265	1016.0	2.8
154	3	81.662	171.301	1018.2	4.1
155	4	81.683	170.986	1014.7	2.7
156	5	81.728	170.846	1007.5	2.9
157	6	81.771	171.002	1006.3	3.2
158	7	81.790	170.856	1010.3	3.9
159	8	81.818	170.418	1015.1	3.3
160	9	81.801	169.771	1011.2	2.3
161	10	81.826	169.339	1015.5	3.3
162	11	81.856	168.870	1015.6	2.8
163	12	81.901	168.671	1014.5	3.4
164	13	81.941	168.541	1021.0	4.4
165	14	81.976	168.182	1016.8	3.4
166	15	82.023	167.935	1019.3	4.9
167	16	82.072	167.501	1019.8	3.8
168	17	82.102	167.063	1015.7	3.1
169	18	82.129	166.450	1011.9	2.2
170	19	82.170	166.227	1012.7	3.1
171	20	82.186	165.895	1017.3	3.0
172	21	82.205	165.733	1023.6	5.4
173	22	82.240	165.541	1017.6	4.0
174	23	82.306	165.329	1010.0	2.1
175	24	82.375	165.006	1005.8	2.3
176	25	82.428	164.400	993.0	2.4
177	26	82.480	164.242	997.8	3.3
178	27	82.504	163.821	1007.6	3.5
179	28	82.491	163.584	1020.1	4.4
180	29				
181	30			1020.9*	3.8*

BUOY(3809) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	82.496*	163.610	1015.1*	3.8*
183	2	82.561*	163.347	1002.3	2.5
184	3	82.594*	162.449	1001.4	2.0
185	4	82.584	161.773	1003.0	2.5
186	5	82.569	161.363	1008.6	4.0
187	6	82.520	161.120	1010.4	3.1
188	7	82.472	160.972	1008.1	2.8
189	8	82.432	160.742	1006.3	2.2
190	9	82.383	160.118	1011.9	2.7
191	10	82.327	159.374	1010.9	3.8
192	11	82.258	158.843	1007.2	2.6
193	12	82.204	158.397	1007.6	2.6
194	13	82.133	158.280	1006.8	1.8
195	14	82.120	158.573	1003.8	2.5
196	15	82.110	158.984	1007.2	3.9
197	16	82.154	159.496	1007.7	4.2
198	17	82.269	160.415	1000.6	2.1
199	18	82.306	160.942	1000.9	1.6
200	19	82.284	160.878	1003.4	1.9
201	20	82.282	160.931	1000.0	3.0
202	21	82.345	161.169	992.7	2.1
203	22	82.362	161.437	991.3	2.3
204	23	82.305	161.987	1004.9	1.8
205	24	82.292	162.504	1008.9	1.7
206	25	82.280	162.859	1010.5	1.8
207	26	82.279	163.272	1009.4	2.0
208	27	82.342	164.164	1001.2	1.3
209	28	82.401	164.269	999.6	1.3
210	29	82.451	163.898	1005.7	1.8
211	30	82.489	163.385	1014.4	2.3
212	31	82.483	163.198	1011.6	3.1

BUOY(3809) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	82.427	163.330	1006.6	1.8
214	2	82.434	163.326	1002.2	2.7
215	3	82.495*	162.611	988.7	.9
216	4	82.482	162.058	999.0	1.2
217	5	82.433	161.635	1008.7	1.7
218	6	82.348	162.065	1004.4	.7
219	7	82.274	162.377	1007.6	1.1
220	8	82.245	162.468	1010.1	1.2
221	9	82.232	162.302	1013.4	1.2
222	10	82.256	162.267	1016.2	1.7
223	11	82.232*	162.041	1021.0	.2
224	12	82.165*	162.138	1007.4	-.0
225	13	82.115*	161.542	1012.9	.1
226	14	82.116	161.489	1016.7	-.5
227	15	82.074	161.723	1010.0	.8
228	16	82.034	161.910	1003.4	1.3
229	17	81.974	162.389	989.9	.8
230	18	81.832	162.358	999.0	.4
231	19	81.765	162.089	1006.2	-.7
232	20	81.713	162.255	996.8	-.7
233	21	81.645	162.172	994.9	-3.3
234	22	81.634	161.993	996.2	-2.5
235	23	81.632	161.946	993.6	-1.8
236	24	81.557	161.781	995.5	-2.6
237	25	81.457	161.580	1008.6	-1.7
238	26	81.355	161.722	1017.9	-1.7
239	27	81.290*	161.770	1029.4	-1.6
240	28	81.295*	161.751	1030.7	-1.3
241	29	81.290	161.592	1030.9	-.7
242	30	81.257	161.494	1025.2	-2.0
243	31	81.232	161.429	1018.9	-1.7

BUOY(3809) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	81.212	161.563	1020.0	-1.8
245	2	81.218	161.500	1019.6	-2.7
246	3	81.270	161.425	1017.0	-2.8
247	4	81.343	161.455	1015.8	-1.6
248	5	81.408	161.505	1012.6	-2.0
249	6	81.470	161.629	1013.4	-2.2
250	7	81.565	161.704	1015.6	-1.1
251	8	81.670	161.327	1013.3	-2.1
252	9	81.737	160.880	1020.1	-2.0
253	10	81.810	160.366	1026.0	-5.1
254	11	81.789	159.975	1024.8	-6.2
255	12	81.621	159.518	1014.8	-3.8
256	13	81.551	158.991	1012.9	-3.7
257	14	81.528	158.386	1017.8	-8.0
258	15	81.485	157.704	1016.1	-5.5
259	16	81.480*	157.232	1019.4	-4.2
260	17	81.449	156.981	1015.9	-6.3
261	18	81.366	156.619	1010.8	-8.4
262	19	81.266	156.444	1011.2	-7.9
263	20	81.232	156.676	1008.0	-8.9
264	21	81.293	156.865	999.9	-6.7
265	22	81.303	157.185	1010.6	-9.5
266	23	81.335	157.354	1018.4	-5.7
267	24	81.354	157.601	1025.5	-6.8
268	25	81.416	157.735	1027.7	-10.2
269	26	81.476	157.811	1027.6	-12.3
270	27	81.517	157.950	1026.4	-15.0
271	28	81.556	157.999	1019.7	-11.1
272	29	81.578	157.921	1019.1	-11.1
273	30	81.574	157.388	1020.0	-9.9

BUOY(3809) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	81.580	156.786	1027.9	-17.1
275	2	81.564	156.414	1027.9	-19.5
276	3	81.548	156.166	1029.5	-14.1
277	4	81.580	156.157	1032.8	-12.2
278	5	81.644	156.224	1033.8	-10.8
279	6	81.725	156.261	1028.4	-11.6
280	7	81.782	156.097	1025.0	-15.9
281	8	81.846	155.820	1026.4	-17.9
282	9	81.960	155.608	1029.8	-13.3
283	10	82.075	155.522	1033.3	-10.5
284	11	82.179	155.412	1038.2	-13.0
285	12	82.212	155.163	1038.9	-19.2
286	13	82.234	154.888	1039.0	-20.7
287	14			1037.4	-20.6
288	15	82.205	153.947	1042.3	-14.4
289	16	82.206	153.784	1048.0	-12.7
290	17	82.208	154.199	1041.3	-12.7
291	18	82.258	155.111	1029.2	-12.7
292	19	82.350	155.938	1024.0	-13.3
293	20	82.431	156.199	1021.3	-18.6
294	21	82.528	156.240	1013.0	-19.3
295	22	82.586	156.319	1016.9	-20.0
296	23	82.616	156.434	1025.0	-17.1
297	24	82.677	156.352	1028.6	-15.8
298	25	82.732	156.025	1027.7	-16.6
299	26	82.806	155.720	1023.7	-14.9
300	27	82.813*	155.702	1025.6	-14.0
301	28	82.775*	155.737	1018.2	-13.2
302	29	82.729	155.517	1011.0	-11.3
303	30	82.716	155.037	1020.8	-16.0
304	31	82.738	154.990	1020.6	-18.5

BUOY(3809) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	82.747	155.307	1016.9	-17.0
306	2	82.719	155.336	1022.2	-15.1
307	3	82.683	155.608	1021.2	-16.6
308	4	82.684	155.824	1012.2	-18.7
309	5	82.723	156.230	996.2	-12.9
310	6	82.727	156.567	994.4	-9.5
311	7	82.738	156.728	994.3	-17.3
312	8	82.799	156.640	998.8	-24.3
313	9	82.824	156.490	1008.5	-25.6
314	10	82.880	156.529	1013.2	-22.5
315	11	82.943	156.669	1010.3	-22.4
316	12	83.095	157.322	1005.1	-23.3
317	13	83.309	158.562	1001.6	-20.1
318	14	83.436	158.669	996.3	-20.8
319	15	83.457	158.628	998.1	-25.5
320	16	83.493	158.496	1007.2	-28.6
321	17	83.555	158.217	1008.5	-25.6
322	18	83.606	157.363	1005.4	-22.2
323	19	83.624	157.046	1022.1	-23.7
324	20	83.653	156.593	1025.4	-24.4
325	21	83.678	155.954	1026.8	-19.5
326	22	83.703	155.826	1036.7	-18.3
327	23	83.718	155.845	1041.9	-20.5
328	24	83.720	155.944	1039.7	-24.0
329	25	83.700	156.231	1034.8	-25.5
330	26	83.694	156.809	1020.4	-25.5
331	27	83.690	157.245	1000.9	-24.3
332	28	83.634	157.138	1002.2	-26.5
333	29	83.603	157.345	995.6	-29.4
334	30	83.588*	157.110	994.4*	-31.0*

BUOY(3809) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	83.604	156.794	989.6	-36.2
337	3	83.635	156.184	989.4	-35.6
338	4	83.666	156.128	989.6	-36.3
339	5	83.748	156.210	998.6	-35.9
340	6	83.847	156.271	1014.4	-31.0
341	7	83.923	155.772	1016.6	-32.1
342	8	83.957	155.371	1018.6	-33.6
343	9	84.027	154.080	1018.2	-23.4
344	10	84.078	153.079	1018.0	-21.9
345	11	84.071	152.510	1004.1	-23.1
346	12	84.081	152.310	995.5	-25.5
347	13	84.149	152.262	996.6	-29.4
348	14	84.223	152.206	1005.5	-30.5
349	15	84.351	151.886	1003.1	-33.8
350	16	84.432	151.356	1004.6	-31.9
351	17	84.484	151.025	1007.2	-31.2
352	18	84.512	150.802	1014.0	-31.0
353	19	84.531	150.294	1013.2	-28.8
354	20	84.558	149.111	1004.1	-26.7
355	21	84.598	147.465	999.7	-22.7
356	22	84.627	146.334	1016.7	-18.4
357	23			1015.5	-21.7
358	24	84.666	146.458	1024.9	-28.0
359	25	84.727	146.348	1028.6	-23.7
360	26	84.774	146.596	1043.6	-26.7
361	27	84.845	146.393	1046.6	-28.9
362	28	84.940	145.805	1045.8	-28.2
363	29	84.982	145.469	1039.1	-27.8
364	30	84.946	145.376	1027.0	-25.4
365	31			1031.7*	-30.2*

BUOY(3810) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15				
136	16	77.701*	-167.041	998.0*	-.9*
137	17	77.691	-166.800	997.1	-1.3
138	18	77.677	-166.777	1000.3	-2.4
139	19	77.713	-166.817	1004.9	-3.7
140	20	77.784	-166.375	1005.1	-3.3
141	21			1009.7	-2.9
142	22	77.897*	-166.638	1011.1	-2.8
143	23	77.941	-166.805	1015.0	-.7
144	24	77.961	-166.821	1020.4	1.3
145	25	77.984	-166.825	1021.9	2.7
146	26	77.975	-166.681	1027.0	2.2
147	27	78.006	-166.541	1026.7	.4
148	28	78.060	-166.532	1022.8	.7
149	29	78.070	-166.576	1024.6	1.6
150	30	78.068	-166.418	1025.3	1.6
151	31	78.073	-166.127	1022.9	2.1

BUOY(3810) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	78.063	-165.935	1025.9	3.6
153	2	78.085	-165.956	1025.5	6.6
154	3	78.104	-165.959	1021.9	5.7
155	4	78.101	-165.952	1016.5	5.0
156	5	78.133	-165.936	1014.0	5.3
157	6	78.220	-165.873	1011.8	1.3
158	7	78.302	-165.937	1012.6	1.6
159	8	78.311	-166.269	1004.1	2.2
160	9	78.374	-166.483	1008.3	2.8
161	10	78.463	-166.506	1014.4	2.7
162	11	78.561	-166.628	1017.7	3.9
163	12	78.617	-166.740	1018.2	3.8
164	13	78.647	-166.909	1018.7	4.4
165	14	78.689	-167.026	1018.2	4.9
166	15	78.724	-167.011	1023.8	5.8
167	16	78.783	-167.178	1020.0	5.0
168	17	78.837	-167.312	1017.2	3.3
169	18	78.906	-167.379	1016.6	2.8
170	19	78.960	-167.513	1010.2	2.8
171	20	79.014	-167.619	1018.5	3.2
172	21	79.049	-167.846	1021.5	3.5
173	22	79.087	-168.140	1021.1	3.4
174	23	79.169	-168.253	1016.2	3.7
175	24	79.267	-168.280	1011.1	2.7
176	25			1003.3	2.2
177	26	79.505*	-167.778	1001.6	1.9
178	27	79.465	-167.817	1007.0	3.0
179	28	79.453*	-167.937	1012.1	4.5
180	29				
181	30				

BUOY(3810) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	79.380*	-168.730	1016.5*	4.3*
183	2	79.417	-168.686	1009.0	4.0
184	3			993.3	2.0
185	4	79.614*	-168.759	995.1	2.8
186	5	79.597	-169.345	1003.5	2.2
187	6	79.557*	-169.613	999.9	2.2
188	7	79.452*	-170.230	998.2	1.8
189	8	79.379	-170.574	998.6	1.7
190	9	79.376	-170.867	1000.2	2.2
191	10	79.361	-171.098	996.6	2.2
192	11	79.431	-171.300	999.9	1.5
193	12	79.416	-171.318	992.4	2.1
194	13	79.471	-171.329	1001.3	2.3
195	14	79.465	-171.358	1004.7	3.2
196	15	79.391	-171.093	1008.3	1.8
197	16	79.366	-170.967	1015.4	3.7
198	17	79.383	-170.799	1015.2	4.4
199	18	79.420	-170.638	1008.0	3.5
200	19	79.435	-170.731	996.6	1.7
201	20	79.322	-170.595	1003.1	1.1
202	21	79.277	-170.200	1007.0	2.6
203	22	79.303	-169.758	998.2	1.2
204	23	79.243	-169.001	1014.1	1.4
205	24	79.248	-168.797	1013.8	1.7
206	25	79.243	-168.872	1013.5	2.0
207	26	79.260*	-169.096	1012.1	2.0
208	27	79.310*	-169.275	1006.9	1.9
209	28	79.375	-169.390	999.8	1.9
210	29	79.449	-169.648	999.6	2.1
211	30	79.543	-170.482	1002.6	1.3
212	31	79.562	-170.905	1007.8	1.8

BUOY(3810) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	79.495	-170.922	1003.6	1.4
214	2	79.454*	-170.823	1007.8	-1.4
215	3	79.555*	-170.332	997.5	.7
216	4	79.625	-169.469	996.3	.4
217	5	79.568	-169.097	1002.9	.6
218	6	79.471	-168.688	1002.7	.4
219	7	79.369	-168.342	1007.6	.4
220	8	79.309	-168.198	1009.9	.6
221	9	79.342	-168.369	1011.0	.9
222	10	79.339	-168.680	1012.5	.4
223	11	79.291	-169.019	1014.2	.6
224	12	79.252	-169.078	1008.6	.0
225	13	79.252	-169.038	1008.6	-.1
226	14	79.258	-169.238	1012.8	-.2
227	15	79.184	-169.384	1008.7	-.9
228	16	79.088	-169.286	1006.3	-.6
229	17			983.5	-.2
230	18			989.9	-.3
231	19	78.823*	-169.174	1000.4	-1.3
232	20	78.722*	-169.002	1000.8	-1.4
233	21	78.735*	-168.570	995.0	-1.4
234	22	78.770	-168.493	991.7	-1.3
235	23	78.695	-168.297	999.9	-1.7
236	24	78.698	-167.457	998.3	-1.5
237	25	78.659	-167.107	1002.3	-1.7
238	26	78.549	-166.562	1014.8	-1.2
239	27	78.452*	-166.150	1027.2	-.9
240	28	78.373*	-165.919	1033.1	-1.4
241	29	78.304*	-165.697	1028.0	-1.2
242	30	78.172	-165.426	1013.7	-1.4
243	31	78.061	-165.436	1015.3	-.9

BUOY(3810) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	77.983	-165.395	1018.6	-1.1
245	2	77.925	-165.391	1018.9	-1.6
246	3	77.924	-165.427	1024.2	-1.8
247	4	77.959	-165.351	1026.8	-1.7
248	5	77.991*	-165.189	1024.8	-3.1
249	6	78.019*	-165.042	1024.6	-3.8
250	7	78.038	-165.220	1019.6	-2.7
251	8	78.137	-165.483	1017.7	-1.5
252	9	78.220	-165.719	1019.7	-2.5
253	10			1018.4	-3.1
254	11	78.223	-166.405	1009.0	-3.6
255	12	78.239	-166.405	997.3	-3.6
256	13	78.336	-166.947	1002.6	-2.8
257	14	78.413*	-167.247	1010.8	-2.0
258	15	78.519*	-167.483	1012.4	-1.4
259	16	78.553*	-167.925	1009.4	-1.7
260	17	78.602	-168.373	1007.1	-1.3
261	18	78.643	-168.418	1007.1	-2.9
262	19	78.693	-168.318	1007.3	-3.1
263	20	78.685	-168.060	1010.6	-3.4
264	21			1012.7	-2.6
265	22	78.711*	-166.824	1018.1	-2.6
266	23			1021.8	-2.7
267	24	78.746*	-166.451	1028.0	-3.0
268	25	78.725*	-166.348	1034.9	-3.6
269	26	78.724	-166.201	1034.4	-4.4
270	27	78.694	-165.962	1032.3	-4.8
271	28	78.662	-165.619	1029.5	-4.7
272	29	78.699	-165.257	1026.4	-4.0
273	30	78.798	-165.264	1023.4	-4.8

BUOY(3810) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1			1019.2	-4.3
275	2	78.958*	-166.381	1021.2	-3.5
276	3	79.006*	-166.629	1028.2	-3.3
277	4	79.012*	-166.977	1032.8	-5.1
278	5	78.961	-167.289	1027.0	-5.8
279	6	78.840	-167.511	1018.5	-4.5
280	7	78.753	-167.450	1020.0	-3.7
281	8	78.697	-167.282	1029.7	-3.9
282	9	78.699	-167.195	1038.4	-5.4
283	10			1038.5	-4.4
284	11	78.739*	-168.106	1032.0	-4.0
285	12	78.756*	-169.091	1022.7	-3.5
286	13	78.781	-170.118	1026.1	-4.0
287	14			1027.7	-4.4
288	15	78.813	-171.209	1033.7	-4.7
289	16	78.789	-171.593	1039.6	-4.6
290	17	78.732	-171.794	1042.4	-5.6
291	18	78.703	-171.896	1037.6	-5.6
292	19	78.703*	-171.985	1034.1	-5.5
293	20	78.786*	-171.998	1029.4	-5.1
294	21	78.852	-171.985	1021.4	-4.9
295	22	78.871*	-171.739	1026.3	-5.4
296	23	78.907*	-171.636	1033.6	-6.1
297	24	78.947	-171.700	1034.4	-6.4
298	25	78.994	-171.898	1034.5	-6.7
299	26	79.017	-171.931	1032.8	-6.6
300	27	79.014	-171.874	1026.9	-6.3
301	28	79.012*	-171.859	1020.1	-6.1
302	29	79.037*	-171.794	1016.9	-6.3
303	30	79.072	-171.807	1022.0	-6.0
304	31	79.071	-171.960	1023.1	-6.2

BUOY(3810) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	79.046	-171.842	1024.1	-6.3
306	2	79.050	-171.435	1017.7	-6.3
307	3	79.036	-171.412	1018.1	-6.3
308	4	79.042	-171.477	1020.0	-6.8
309	5	79.147	-171.357	1008.6	-6.9
310	6			1004.7	-5.9
311	7	79.370*	-171.155	1003.8	-5.7
312	8	79.415	-170.987	1007.8	-5.9
313	9	79.444	-170.864	1018.6	-6.0
314	10	79.480	-170.824	1025.4	-6.2
315	11	79.529	-170.696	1024.3	-6.1
316	12	79.582	-170.667	1024.3	-6.2
317	13	79.623	-170.754	1017.6	-6.5
318	14	79.677	-170.815	1000.3	-6.4
319	15	79.695*	-170.639	1006.5	-6.0
320	16	79.741*	-170.510	1014.6	-5.7
321	17	79.803	-170.726	1006.2	-5.8
322	18	79.880	-170.846	1010.0	-5.6
323	19	79.888	-170.810	1024.2	-6.3
324	20	79.954	-170.994	1027.2	-6.4
325	21	79.999	-170.997	1027.7	-5.5
326	22	79.996*	-171.098	1038.2	-5.5
327	23	79.992*	-171.152	1043.3	-6.3
328	24	79.952*	-171.227	1036.5	-6.8
329	25	79.879	-171.384	1029.4	-6.3
330	26	79.827	-171.432	1026.0	-6.5
331	27	79.796	-171.106	1003.4	-7.1
332	28	79.801	-170.911	994.3	-7.3
333	29	79.818	-170.806	997.3	-7.9
334	30	79.835*	-170.700	992.6*	-8.4*

BUOY(3810) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	79.903	-170.609	994.0	-9.2
337	3	79.967	-170.737	993.9	-9.5
338	4	79.972	-170.620	1003.7	-10.0
339	5	79.992	-170.477	1015.2	-10.7
340	6	80.019	-170.413	1023.6	-10.7
341	7	80.023	-170.431	1012.8	-10.8
342	8	80.105	-170.389	1019.5	-10.9
343	9	80.299	-170.982	1020.0	-9.3
344	10	80.394*	-171.555	1010.0	-9.4
345	11			1001.2	-9.5
346	12	80.451*	-171.396	1008.5	-9.6
347	13	80.543	-170.841	1010.9	-9.9
348	14	80.649	-170.541	1018.6	-9.4
349	15			1013.6*	-8.2*
350	16				
351	17				
352	18				
353	19				
354	20				
355	21				
356	22				
357	23				
358	24				
359	25				
360	26				
361	27				
362	28				
363	29				
364	30				
365	31				

BUOY(3811) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15	81.582*	-105.365	1007.9	-24.6
136	16	81.589*	-105.352	1006.7	-8.3
137	17	81.616	-105.386	1006.0	-10.2
138	18	81.634	-105.475	1007.9	-8.9
139	19	81.646	-105.656	1006.1	-8.2
140	20	81.646	-106.014	1002.6	-6.2
141	21			1008.7	-9.0
142	22	81.533	-106.109	1016.0	-8.2
143	23			1021.2	-7.5
144	24	81.517*	-105.913	1026.3	-6.5
145	25	81.520	-106.013	1022.9	-6.2
146	26	81.503	-106.305	1022.8	-6.9
147	27	81.458	-106.335	1024.2	-6.7
148	28	81.434*	-106.236	1028.3	-3.7
149	29	81.435*	-106.178	1028.0	-1.3
150	30	81.438	-106.137	1018.3	-.7
151	31	81.438	-106.154	1013.3	-.0

BUOY(3811) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	81.435	-106.145	1018.8	-.5
153	2	81.410	-106.297	1017.7	-.4
154	3	81.376	-106.709	1014.4	-.2
155	4	81.382	-106.818	1017.5	2.5
156	5	81.379	-106.651	1019.7	.7
157	6	81.347	-106.602	1023.2	3.5
158	7	81.349	-106.581	1024.8	3.5
159	8	81.352	-106.591	1023.5	3.1
160	9	81.359	-106.634	1022.2	3.4
161	10	81.355	-106.592	1020.5	3.3
162	11	81.341	-106.648	1021.2	1.8
163	12	81.325	-106.655	1022.6	2.3
164	13	81.326	-106.645	1023.1	1.7
165	14	81.325	-106.653	1023.9	2.1
166	15	81.326	-106.641	1022.7	2.8
167	16	81.328	-106.640	1021.1	3.5
168	17	81.326	-106.654	1019.9	4.3
169	18	81.326	-106.661	1020.5	5.2
170	19			1020.4	4.9
171	20	81.326*	-106.646	1020.4	4.7
172	21	81.307	-106.797	1019.1	2.6
173	22	81.271	-106.969	1018.1	2.0
174	23	81.239	-107.137	1022.5	2.4
175	24	81.222	-107.220	1022.8	2.2
176	25	81.226	-107.203	1016.9	3.1
177	26	81.225	-107.184	1012.9	3.1
178	27	81.227	-107.170	1012.0	3.5
179	28	81.227*	-107.185	1013.5	3.0
180	29				
181	30			1011.7*	1.6*

BUOY(3811) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1010.8*	1.9*
183	2			1010.1	2.9
184	3			1008.1	2.4
185	4	81.149	-108.197	1002.8	2.4
186	5	81.143	-108.181	1001.4	2.0
187	6	81.123	-108.153	1002.4	2.3
188	7	81.153*	-108.177	1001.1	2.9
189	8	81.185*	-108.139	1009.6	2.5
190	9	81.237	-108.302	1005.4	2.9
191	10	81.262	-108.079	1016.8	1.5
192	11	81.297	-108.052	1008.7	2.0
193	12	81.318	-107.978	1002.3	1.1
194	13	81.317	-107.526	1010.8	.9
195	14	81.358	-107.408	1003.1	.8
196	15	81.369	-107.238	1000.0	.7
197	16	81.312	-107.260	1005.4	.6
198	17	81.301	-107.104	1008.1	.9
199	18	81.285	-106.941	1009.8	1.1
200	19	81.272	-106.843	1016.6	1.7
201	20	81.303	-106.696	1005.9	1.8
202	21	81.328	-106.549	1001.8	.9
203	22	81.322	-106.545	1005.3	1.8
204	23	81.340	-106.272	1005.1	.9
205	24	81.319	-106.088	1009.5	.6
206	25			1007.6	.8
207	26	81.315*	-106.073	1009.4	.9
208	27	81.315	-106.075	1013.5	1.7
209	28	81.312	-106.084	1014.8	1.9
210	29	81.304	-106.173	1012.6	1.4
211	30	81.298	-106.265	1010.7	1.3
212	31	81.294	-106.192	1002.8	1.3

BUOY(3811) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	81.310	-106.079	1000.4	.3
214	2	81.318	-106.042	1002.9	.3
215	3			1008.2	.4
216	4	81.318*	-106.036	1010.1	1.3
217	5	81.342	-106.002	1006.2	1.0
218	6	81.346	-105.999	1001.4	1.2
219	7	81.371	-105.828	996.4	.2
220	8	81.411	-105.746	997.6	.0
221	9	81.402	-105.764	1008.4	-.2
222	10	81.407	-105.732	1007.1	-.5
223	11	81.403	-105.885	1002.3	-.4
224	12			1003.4	-.5
225	13			1004.3	-.9
226	14	81.409	-105.943	1006.4	-1.2
227	15	81.457	-105.894	999.5	-1.2
228	16	81.485	-105.928	998.5	-.9
229	17	81.527	-105.831	994.4	-1.2
230	18	81.551	-105.660	994.2	-1.3
231	19	81.619	-105.408	997.3	-.7
232	20	81.678*	-105.112	1001.9	-.3
233	21			1006.3	-.7
234	22	81.758	-104.475	1012.2	-1.7
235	23	81.820	-104.458	993.3	-1.4
236	24	81.836	-104.260	997.7	-.7
237	25	81.825	-104.248	1008.3	-1.4
238	26	81.928	-103.980	989.7	-1.7
239	27	81.945	-104.092	1000.3	-1.6
240	28	81.929	-104.239	1005.2	-1.6
241	29	81.854*	-104.572	990.5	-1.0
242	30	81.883*	-104.868	996.7	-1.1
243	31	81.877	-105.019	1000.5	-2.2

BUOY(3811) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	81.880	-104.916	1014.4	-1.7
245	2	81.894	-104.886	1014.9	-1.1
246	3	81.864	-104.616	1020.5	-1.3
247	4	81.863	-104.773	1024.7	-1.6
248	5	81.851	-104.930	1018.5	-3.1
249	6	81.818	-104.996	1019.6	-2.8
250	7			1028.8	-2.1
251	8	81.758*	-105.341	1029.2	-2.1
252	9	81.743	-105.885	1023.0	-2.0
253	10	81.737	-106.186	1016.4	-2.8
254	11	81.722	-106.301	1004.3	-3.0
255	12	81.720	-106.309	1013.2	-3.0
256	13	81.722	-106.148	1023.7	-2.4
257	14	81.738	-105.952	1027.1	-2.0
258	15	81.741*	-105.726	1027.4	-1.3
259	16			1019.7	-1.9
260	17	81.756	-105.665	1016.7	-1.9
261	18	81.753	-105.797	1022.1	-1.7
262	19	81.768	-105.731	1022.7	-2.7
263	20	81.829	-105.623	1006.9	-2.3
264	21	81.893	-105.202	1003.2	-2.2
265	22	81.875	-104.233	1007.7	-2.3
266	23	81.870	-103.911	1012.5	-2.0
267	24	81.872	-103.957	1014.0	-2.7
268	25	81.847	-103.978	1024.6	-3.6
269	26	81.839	-103.977	1020.1	-4.4
270	27	81.832	-103.944	1017.7	-3.4
271	28	81.831	-103.973	1022.2	-3.2
272	29	81.837	-103.913	1029.4	-3.0
273	30	81.851	-103.797	1033.3	-3.1

BUOY(3811) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	81.850	-103.784	1035.0	-3.5
275	2	81.844	-103.967	1034.3	-4.7
276	3	81.809*	-104.206	1037.1	-4.5
277	4	81.803*	-104.575	1037.9	-5.1
278	5	81.847	-104.959	1027.3	-3.7
279	6	81.951	-104.943	1022.8	-1.7
280	7	82.018	-104.735	1025.9	-1.6
281	8	82.031	-104.606	1028.5	-1.9
282	9	82.029	-104.622	1031.3	-2.0
283	10	81.985	-104.755	1042.1	-3.2
284	11	81.949	-104.955	1040.1	-4.3
285	12			1034.4	-4.8
286	13	81.861*	-105.502	1025.8	-4.7
287	14			1021.3	-3.4
288	15	81.733	-106.551	1018.6	-3.3
289	16	81.660	-106.950	1011.8	-4.6
290	17	81.514	-107.672	1006.8	-4.0
291	18	81.395	-108.154	1018.1	-3.5
292	19	81.323	-108.219	1019.5	-3.3
293	20	81.250	-108.246	1015.0	-3.1
294	21	81.155	-108.321	1013.5	-3.4
295	22	81.077	-108.427	1015.3	-3.8
296	23	81.029	-108.421	1024.0	-4.3
297	24	81.033	-108.412	1028.5	-4.8
298	25	81.030	-108.408	1025.7	-5.2
299	26	81.006	-108.483	1019.2	-5.2
300	27	80.998	-108.485	1018.0	-4.8
301	28	80.991	-108.386	1013.1	-4.2
302	29			1021.3	-3.8
303	30	80.992*	-108.225	1023.8	-3.6
304	31	80.979	-108.498	1015.3	-4.0

BUOY(3811) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	80.977	-109.052	1005.6	-4.2
306	2	80.919	-109.625	1004.8	-3.7
307	3	80.851	-109.728	1011.0	-4.1
308	4	80.778	-109.901	1018.4	-4.6
309	5	80.751	-109.889	1016.9	-4.7
310	6	80.749	-109.874	1012.5	-5.5
311	7			1014.1	-6.3
312	8	80.747*	-109.914	1014.9	-6.0
313	9	80.750	-109.909	1015.6	-6.7
314	10	80.745*	-109.896	1019.2	-6.9
315	11	80.746	-109.868	1021.3	-7.1
316	12	80.749	-109.855	1024.5	-6.8
317	13	80.748	-109.839	1026.0	-6.3
318	14	80.748	-109.735	1019.0	-6.2
319	15	80.767*	-109.567	1010.9	-6.2
320	16			1020.3	-5.5
321	17	80.772	-109.543	1018.5	-5.1
322	18	80.776	-109.541	1009.9	-5.2
323	19	80.772	-109.531	1017.2	-5.1
324	20	80.763	-109.569	1025.5	-6.1
325	21	80.761	-109.565	1022.3	-6.9
326	22	80.751	-109.603	1027.4	-7.0
327	23	80.746	-109.693	1027.1	-7.0
328	24	80.750	-109.680	1020.0	-7.2
329	25			1018.3	-7.2
330	26	80.751	-109.071	1007.2	-7.4
331	27	80.748	-109.684	998.5	-7.5
332	28	80.764	-109.624	1003.9	-7.4
333	29	80.770	-109.615	1004.5	-7.3
334	30	80.789*	-109.559	1008.0*	-7.5*

BUOY(3811) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	80.807	-109.496	1004.1	-7.3
337	3			1013.4	-7.1
338	4	80.874*	-109.423	1007.1	-7.2
339	5	80.875	-109.353	1018.5	-7.0
340	6	80.855	-109.569	1024.2	-7.4
341	7	80.894	-109.621	1027.9	-7.4
342	8	80.934	-109.291	1036.7	-7.0
343	9	80.950	-109.229	1040.7	-6.3
344	10	80.969	-109.348	1021.5	-6.2
345	11	81.007*	-109.380	1014.3	-6.0
346	12	81.056*	-109.055	1019.4	-5.9
347	13	81.065	-108.847	1024.6	-6.3
348	14	81.044	-108.636	1033.6	-7.5
349	15	81.037	-108.583	1034.2	-8.3
350	16	81.038	-108.581	1021.8	-8.7
351	17	81.037	-108.586	1016.8	-8.9
352	18	81.033	-108.558	1020.1	-9.1
353	19	81.038	-108.577	1021.9	-9.4
354	20	81.038	-108.579	1019.4	-9.3
355	21	81.038	-108.578	1016.8	-9.9
356	22	80.989	-108.857	1008.8	-10.1
357	23	80.919	-109.176	1013.2	-9.6
358	24	80.915	-109.154	1012.8	-9.6
359	25	80.842	-109.440	1013.2	-9.6
360	26	80.709	-109.823	1027.2	-9.5
361	27	80.673	-110.288	1028.8	-9.9
362	28	80.545*	-111.172	1013.7	-11.8
363	29			1031.5	-11.6
364	30	80.615*	-111.269	1037.7	-12.2
365	31				

BUOY(3812) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15	77.506	-125.512	1012.8	-21.7
136	16	77.522	-125.540	1006.4	-6.9
137	17	77.554	-125.341	998.8	-5.9
138	18	77.560	-125.286	1002.1	-4.1
139	19	77.575	-125.184	1002.1	-1.3
140	20	77.553	-125.267	1006.3	-3.8
141	21			1016.7	-5.8
142	22	77.527*	-125.280	1019.8	-5.1
143	23			1024.2	-4.9
144	24	77.567*	-125.440	1020.1	-3.5
145	25	77.565	-125.531	1012.0	-2.4
146	26	77.579	-125.897	1020.3	-2.0
147	27	77.486	-126.109	1026.9	-4.2
148	28	77.435	-126.051	1032.4	-1.9
149	29	77.444	-125.901	1028.9	-1.4
150	30	77.458	-125.889	1020.8	-1.7
151	31	77.410	-125.864	1014.1	-.8

BUOY(3812) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	77.322	-126.029	1018.0	-.7
153	2	77.267	-126.227	1018.1	-.1
154	3	77.209	-126.459	1011.7	-.2
155	4	77.183	-126.485	1012.6	.4
156	5	77.163	-126.503	1019.0	2.5
157	6	77.144	-126.497	1019.8	3.1
158	7	77.142	-126.728	1015.1	2.2
159	8	77.200	-126.804	1015.6	3.6
160	9	77.191	-126.850	1018.1	4.5
161	10	77.161	-126.815	1022.6	4.5
162	11	77.114	-126.884	1026.8	5.9
163	12	77.092	-126.954	1026.5	6.9
164	13	77.069	-126.930	1026.7	6.2
165	14	77.008	-126.864	1027.5	5.4
166	15	76.962	-126.770	1026.1	6.9
167	16	76.907	-126.791	1022.5	5.5
168	17	76.849	-126.820	1021.5	5.7
169	18	76.791	-126.789	1022.0	6.2
170	19	76.768	-126.732	1019.7	7.7
171	20	76.731	-126.813	1019.0	7.1
172	21	76.689	-126.861	1018.7	5.6
173	22	76.648	-127.024	1020.5	4.0
174	23	76.591	-127.173	1021.2	3.3
175	24	76.553	-127.371	1020.4	4.1
176	25	76.529	-127.430	1017.6	5.4
177	26	76.495	-127.375	1014.4	7.2
178	27	76.466	-127.375	1010.5	6.9
179	28	76.440	-127.407	1005.3	6.1
180	29				
181	30			1007.7*	2.5*

BUOY(3812) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	76.403*	-128.017	1008.7*	3.3*
183	2	76.399	-128.050	1007.9	3.9
184	3	76.367	-128.148	1006.3	3.6
185	4	76.342	-128.129	1003.5	4.7
186	5	76.381	-127.962	994.5	2.8
187	6	76.468	-127.896	989.6	2.4
188	7	76.478	-127.657	997.4	2.2
189	8	76.492	-127.651	994.1	3.3
190	9	76.537	-127.448	1001.2	2.8
191	10	76.585	-127.101	1011.1	2.6
192	11	76.647	-127.018	999.9	2.2
193	12	76.639	-126.738	1008.1	2.6
194	13	76.649	-126.648	1009.5	2.0
195	14	76.669	-126.514	1008.2	1.9
196	15	76.649	-126.540	1007.0	1.6
197	16	76.596	-126.379	1012.7	2.0
198	17	76.547	-126.343	1016.9	2.0
199	18	76.497	-126.283	1019.7	4.1
200	19	76.490	-126.331	1015.3	5.9
201	20	76.520	-126.201	1004.3	3.7
202	21	76.451	-126.098	1008.2	2.6
203	22	76.315	-125.901	1014.9	2.0
204	23	76.242	-125.571	1016.9	2.3
205	24	76.182	-125.477	1021.0	2.7
206	25	76.143	-125.245	1008.7	2.1
207	26	76.102	-125.304	1013.3	2.3
208	27	76.066	-125.270	1017.1	3.5
209	28				
210	29				
211	30				
212	31				

BUOY(3813) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3				
124	4				
125	5				
126	6				
127	7				
128	8				
129	9				
130	10				
131	11				
132	12				
133	13				
134	14				
135	15				
136	16				
137	17				
138	18				
139	19				
140	20				
141	21				
142	22				
143	23				
144	24	71.995*	-163.237	1018.4*	2.4*
145	25	71.958	-163.293	1021.3	2.5
146	26			1024.2	1.7
147	27				
148	28	72.003	-163.318	1022.4	1.9
149	29	71.980	-163.279	1025.7	3.1
150	30	71.966	-163.469	1025.4	1.3
151	31				

BUOY(3813) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1			1021.0*	.6*
153	2	72.024	-164.369	1019.3	2.0
154	3			1018.6	2.0
155	4			1015.8	2.6
156	5			1013.6	3.2
157	6	72.013	-164.657	1010.8	2.3
158	7	72.034	-164.557	1007.6	2.5
159	8	71.952	-164.257	1005.1	2.4
160	9	71.897	-164.010	1012.0	3.1
161	10	71.891	-163.972	1013.2	4.9
162	11	71.910	-163.891	1013.7	3.6
163	12	71.897	-163.920	1014.4	4.7
164	13			1015.8	5.1
165	14	71.860	-163.852	1020.5	4.6
166	15	71.807	-163.843	1017.8	4.6
167	16	71.717	-163.883	1020.1	5.9
168	17	71.671	-164.053	1015.6	4.5
169	18			1013.0	6.3
170	19	71.619	-164.083	1008.8	5.6
171	20	71.642	-164.186	1006.6	3.5
172	21	71.717	-164.321	1009.4	2.2
173	22			1014.6	2.2
174	23	71.913	-164.294	1015.4	3.7
175	24	71.930	-164.108	1015.9	5.0
176	25	71.837	-164.051	1014.9	3.4
177	26			1005.5	2.5
178	27	71.611*	-163.883	1011.9	2.8
179	28			1009.6	2.7
180	29				
181	30				

BUOY(3813) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1	71.229*	-164.223	1013.0*	2.9*
183	2	71.219	-164.227	1013.5	4.0
184	3	71.206	-164.120	1007.8	4.4
185	4	71.195	-163.766		
186	5			1004.2	2.3
187	6	71.053	-162.955	1004.7	2.5
188	7	71.044	-162.334	994.4*	1.2*
189	8	70.966	-161.603	1001.7	1.8
190	9	70.925*	-160.897	1001.7	2.1
191	10	70.924*	-160.321	1005.4	1.7
192	11	71.027	-159.204	1003.9	3.0
193	12	71.170	-158.135	1008.1	2.7
194	13	71.355	-157.227	1008.5	2.7
195	14	71.444	-156.716	1004.9	2.6
196	15			1017.6	2.9
197	16			1014.6	4.3
198	17	71.682*	-156.259	1009.1	2.7
199	18	71.837*	-156.370	1001.9	2.1
200	19	71.906*	-156.180	1004.7	3.7
201	20	71.934*	-156.036	1014.6	2.3
202	21	71.948	-156.016	1021.5	2.6
203	22	71.982	-155.776	1018.0	3.8
204	23	72.001	-155.546	1021.2	4.4
205	24	72.046	-155.487	1018.1	5.8
206	25	72.102	-155.479	1011.6	5.3
207	26	72.169	-155.584	1008.9	5.2
208	27	72.248	-155.525	1011.4	4.0
209	28	72.328	-155.484	1004.3	3.5
210	29	72.395	-155.432	994.8	3.7
211	30	72.390	-155.335	1004.6	3.9
212	31	72.429	-155.149	1005.0	2.8

BUOY(3813) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	72.417	-154.969	1000.3	1.6
214	2			1009.8	1.1
215	3	72.277*	-155.423	1015.8	2.8
216	4	72.320	-155.579	1009.9	4.4
217	5	72.384	-155.708	1006.8	4.7
218	6	72.355	-156.276	1014.6	3.8
219	7	72.211	-156.565	1019.3	2.0
220	8	72.125	-156.524	1014.9	1.7
221	9	72.155	-156.820	1011.5	1.9
222	10	72.209	-157.034	1011.5	1.8
223	11	72.244	-157.160	1013.7	1.8
224	12	72.310	-157.320	1009.8	1.0
225	13	72.416	-157.840	998.6	.6
226	14	72.557	-158.398	996.4	1.4
227	15	72.658	-158.997	1004.5	1.6
228	16	72.815	-159.669	1010.3	-.4
229	17	72.903	-159.852	1008.0	.1
230	18	72.837	-159.779	994.3	.4
231	19	72.802	-159.796	997.5	.2
232	20	72.737	-159.856	1008.9	-.3
233	21	72.679	-159.750	1008.0	-1.4
234	22			999.3	-.1
235	23	72.553	-159.353	1005.8	.4
236	24	72.514	-159.423	1012.5	-.4
237	25	72.507	-159.465		
238	26	72.475	-159.473	1024.0	-2.2
239	27	72.417	-159.487	1030.6	-1.8
240	28			1033.6	-1.2
241	29	72.285*	-159.431	1028.7	-2.1
242	30			1018.8	-1.3
243	31			1017.9	-1.5

BUOY(3813) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	71.950	-159.348	1019.4	-.7
245	2	71.912	-159.577	1018.8	-.4
246	3	71.874	-159.583	1017.6	-.7
247	4	71.972	-159.845	1021.8	-1.6
248	5	71.961	-160.527	1021.2	-2.2
249	6	71.955	-161.216	1015.8	-1.6
250	7			1010.1	-1.1
251	8	71.974*	-161.993	1010.7	-1.4
252	9	72.007	-162.398	1009.7	-2.1
253	10	72.069	-162.462	1005.6	-1.4
254	11	72.137	-162.218	1003.8	-.4
255	12	72.144	-162.062	1002.6	-2.4
256	13			1005.6	-.9
257	14			1008.7	.1
258	15			1007.5	-1.2
259	16	71.947	-162.191	1005.3	-1.4
260	17	71.938*	-162.447	1013.8	-1.8
261	18	72.063*	-162.328	1011.3	-.6
262	19	72.047	-162.186	1013.6	-1.5
263	20	71.938	-162.265	1019.2	-2.1
264	21	71.913	-162.406	1023.3	-2.3
265	22				
266	23				
267	24				
268	25				
269	26				
270	27				
271	28				
272	29				
273	30				

BUOY(3814) MAY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
121	1				
122	2				
123	3	87.859*	93.439	1030.2	-9.1
124	4	87.892	93.195	1033.0	-12.9
125	5	87.896	92.835	1031.5	-13.9
126	6	87.862	91.168	1025.3	-13.6
127	7	87.792	88.455	1016.0	-10.4
128	8	87.743	86.842	1008.0	-8.2
129	9	87.683	86.346	1003.3	-8.8
130	10	87.631	87.107	1004.9	-8.5
131	11	87.654	88.537	997.9	-6.7
132	12	87.661	87.963	996.6	-6.8
133	13	87.685	85.360	1002.7	-7.4
134	14	87.681	82.524	1014.0	-9.2
135	15	87.628	81.048	1013.9	-9.7
136	16	87.581	80.341	1014.2	-7.7
137	17	87.575	80.926	1005.8	-6.4
138	18	87.674	80.559	998.5	-6.4
139	19	87.744	78.240	1009.6	-6.8
140	20	87.737	77.060	1019.8	-6.9
141	21	87.760	77.652	1013.9	-7.3
142	22	87.850	78.282	1007.0	-6.0
143	23	87.923	77.122	1007.8	-6.0
144	24	87.965	75.434	1021.3	-5.7
145	25	87.929	74.082	1022.0	-5.5
146	26	87.847	71.420	1009.7	-4.4
147	27	87.776	68.025	1005.7	-1.4
148	28	87.754	65.265	1011.4	-.9
149	29	87.730	63.333	1013.5	-.1
150	30	87.704	62.384	1007.0	-1.3
151	31	87.634	61.021	1002.7	-.5

BUOY(3814) JUNE 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
152	1	87.592	58.184	1000.5	-1.6
153	2	87.599	54.766	1006.1	-2.2
154	3	87.591	52.572	1013.2	-2.0
155	4	87.599	51.526	1020.0	-.3
156	5	87.580	50.931	1013.7	.4
157	6	87.529	50.285	1011.2	-1.2
158	7	87.494	49.743	1013.5	-.4
159	8	87.487	48.736	1017.0	-1.6
160	9	87.484	48.478	1021.5	-.4
161	10	87.468	48.130	1021.7	1.1
162	11	87.452	47.635	1019.8	-.2
163	12	87.434	46.480	1015.5	.4
164	13	87.421	46.125	1019.2	2.2
165	14	87.410	45.498	1020.1	2.2
166	15	87.391	45.200	1024.5	5.0
167	16	87.377	44.898	1019.5	5.2
168	17	87.384	43.526	1013.8	3.1
169	18	87.399	43.178	1012.4	2.4
170	19	87.381	42.931	1016.0	3.2
171	20	87.382	42.952	1022.3	2.1
172	21	87.361	42.028	1011.2	1.1
173	22	87.355	40.511	1007.2	2.0
174	23	87.329	39.058	1013.8	2.5
175	24	87.265	38.113	1013.0	2.6
176	25	87.204	37.277	1012.0	3.4
177	26	87.123	36.950	1012.4	4.5
178	27	87.068	37.108	1016.1	5.8
179	28	87.049	37.302	1019.0	4.9
180	29			1016.4	3.6
181	30			1016.7*	2.0*

BUOY(3814) JULY 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
182	1			1013.5*	3.2*
183	2	87.069*	37.581	1012.0	2.6
184	3	87.058	37.203	1011.5	2.9
185	4	87.061	36.811	1011.7	2.2
186	5	87.082	37.351	1009.6	2.9
187	6	87.086	38.396	1011.0	3.2
188	7	87.107	39.313	1010.3	2.6
189	8	87.083	40.184	1019.4	2.7
190	9	87.071	40.271	1024.0	2.9
191	10	87.099	40.275	1021.0	2.4
192	11	87.096	40.153	1015.0	2.9
193	12	87.098	39.088	1006.1	2.7
194	13	87.079	38.218	1003.4	3.1
195	14	87.033	37.050	1003.1	3.2
196	15	86.966	35.843	1002.1	3.0
197	16	86.869	34.495	999.2	2.6
198	17	86.791	34.120	983.9	2.3
199	18	86.712	34.514	988.7	2.1
200	19	86.710	34.458	997.0	3.4
201	20	86.702	33.848	1000.8	3.7
202	21	86.698	33.707	1001.3	4.9
203	22	86.693	34.850	994.3	2.2
204	23	86.640	35.057	1002.0	2.6
205	24	86.588	35.992	1007.7	2.1
206	25	86.646	34.926	987.6	1.6
207	26	86.622	34.976	994.3	1.8
208	27	86.476	36.802	1003.2	1.0
209	28	86.365	37.200	1011.5	1.6
210	29	86.339	36.206	1015.8	3.0
211	30	86.392	35.696	1009.3	1.8
212	31	86.427	36.626	1008.4	1.4

BUOY(3814) AUG. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
213	1	86.443	37.946	1003.6	1.2
214	2	86.398	38.973	1008.8	1.5
215	3	86.382	40.049	1009.5	1.6
216	4	86.383	40.086	1009.4	.9
217	5	86.440	38.940	991.9	.9
218	6	86.446	39.238	997.3	1.8
219	7	86.393	39.047	1007.2	1.7
220	8	86.381	39.505	1011.1	2.5
221	9	86.389	40.593	1011.9	1.8
222	10	86.374	41.542	1020.1	.0
223	11	86.417	42.745	1013.9	1.0
224	12	86.433	44.465	1018.6	1.4
225	13	86.457	45.598	1016.0	1.3
226	14	86.507	46.242	1011.2	1.1
227	15	86.546	46.942	1006.0	1.4
228	16	86.558	47.230	994.2	1.2
229	17	86.545	48.511	998.5	.4
230	18	86.524	48.921	1007.1	-.5
231	19	86.514	49.948	1004.2	-1.7
232	20	86.492	50.334	1003.1	-1.5
233	21	86.437	50.499	1007.7	.0
234	22	86.370	51.476	1007.5	.2
235	23	86.300	52.079	1011.0	-.5
236	24	86.266	53.078	1007.7	-.9
237	25	86.274	54.702	1003.7	.0
238	26	86.247	54.971	1011.0	.1
239	27	86.232	55.263	1017.6	-2.1
240	28	86.251	56.480	1024.7	-.2
241	29	86.336	58.118	1024.0	-.6
242	30	86.402	59.509	1020.7	-1.1
243	31	86.437	60.828	1012.0	-2.6

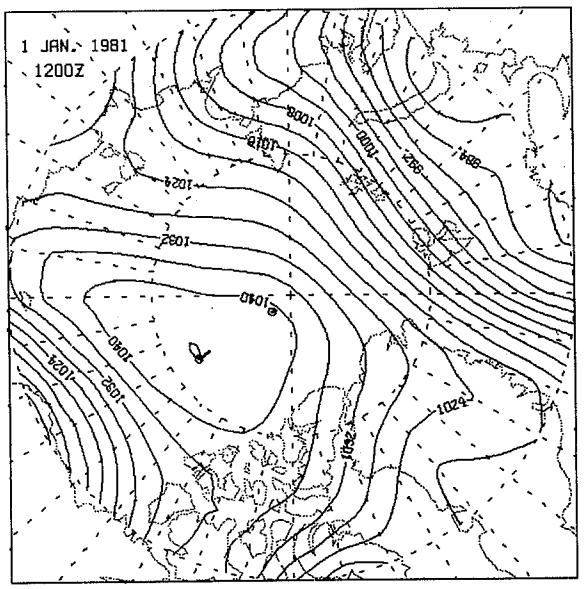
BUOY(3814) SEPT 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
244	1	86.456	61.227	1014.4	-.7
245	2	86.452	61.318	1013.5	-.3
246	3	86.550	61.158	1003.7	.5
247	4	86.704	59.654	1006.9	-.6
248	5	86.773	58.389	1007.5	-3.3
249	6	86.767	57.387	1005.8	-4.9
250	7	86.762	56.504	1017.6	-2.8
251	8	86.739	55.556	1027.8	-2.8
252	9	86.730	54.535	1034.1	-2.3
253	10	86.717	54.025	1036.4	-6.0
254	11	86.718	53.858	1032.3	-7.4
255	12	86.736	54.355	1030.2	-7.5
256	13	86.743	55.095	1027.7	-8.9
257	14	86.751	55.717	1026.4	-10.3
258	15	86.788	56.698	1020.3	-8.9
259	16	86.799	57.242	1017.5	-7.9
260	17	86.811	57.711	1012.8	-8.1
261	18	86.828	57.915	1013.0	-7.8
262	19	86.834	57.131	1014.4	-12.8
263	20	86.796	56.690	1008.2	-9.8
264	21	86.718	56.215	1005.8	-8.5
265	22	86.648	57.052	1008.5	-12.0
266	23	86.646	57.511	1009.8	-10.2
267	24	86.705	56.640	1008.1	-9.8
268	25	86.873	55.774	1010.1	-7.4
269	26	86.965	56.458	1014.9	-4.7
270	27	86.921	55.776	1015.8	-9.3
271	28	86.843	55.568	1015.8	-15.5
272	29	86.810	55.595	1018.9	-16.9
273	30	86.838	55.749	1015.9	-15.9

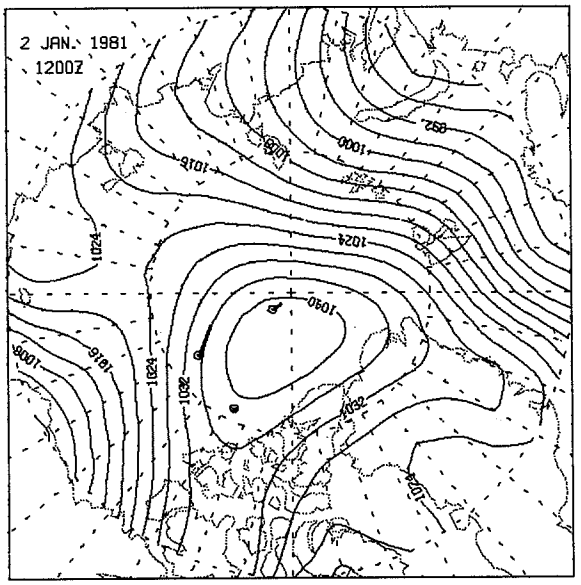
BUOY(3814) OCT. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
274	1	86.877	54.745	1016.7	-15.4
275	2	87.047	51.368	1015.2	-11.0
276	3	87.086	50.314	1018.9	-14.1
277	4	87.103	46.660	1028.8	-13.5
278	5	87.035	44.080	1031.5	-14.1
279	6	86.987	42.596	1033.8	-11.2
280	7	86.950	41.580	1030.7	-11.2
281	8	86.963	41.550	1028.0	-12.1
282	9	86.973	41.484	1031.8	-13.7
283	10	86.954	40.526	1031.1	-17.8
284	11	86.911	39.274	1029.9	-14.2
285	12	86.883	37.999	1028.9	-10.6
286	13	86.919	36.820	1032.0	-8.5
287	14	86.993	35.640	1026.9	-11.8
288	15	87.096	34.138	1022.8	-12.5
289	16	87.264	31.697	1013.4	-11.8
290	17	87.426	28.460	1000.0	-10.1
291	18	87.479	26.276	996.7	-7.4
292	19	87.510	25.566	1006.0	-11.2
293	20	87.491	24.940	1010.1	-12.7
294	21	87.477	24.444	1012.0	-15.1
295	22	87.469	23.490	1016.3	-20.1
296	23	87.467	22.439	1021.4	-24.6
297	24	87.475	20.716	1020.0	-21.0
298	25	87.484	19.328	1023.8	-13.3
299	26	87.525	18.721	1018.6	-10.2
300	27	87.580	18.761	1015.0	-8.0
301	28	87.584	20.196	1020.8	-11.6
302	29	87.578	20.603	1024.6	-18.7
303	30	87.612	21.379	1021.5	-14.1
304	31	87.599	22.575	1020.0	-12.4

BUOY(3814) NOV. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
305	1	87.580	22.740	1021.6	-15.5
306	2	87.588	21.993	1013.3	-18.0
307	3	87.580	21.265	1013.3	-18.9
308	4	87.541	19.854	1003.8	-18.4
309	5	87.386	19.300	1001.5	-20.2
310	6			1005.7	-23.3
311	7	87.267	19.514	1008.2	-26.4
312	8	87.211	19.779	1013.5	-25.9
313	9	87.189	19.214	1005.3	-24.6
314	10	87.119	16.631	1001.1	-22.9
315	11	87.011	15.276	995.3	-27.0
316	12	86.864	14.126	991.2	-23.3
317	13	86.729	13.517	989.7	-20.5
318	14	86.648	13.920	991.8	-17.8
319	15	86.577	14.311	993.8	-18.3
320	16	86.530	14.183	998.0	-22.9
321	17	86.449	12.930	1004.3	-23.5
322	18	86.348	11.944	1010.8	-23.5
323	19	86.315	11.159	1019.1	-18.3
324	20	86.306	11.106	1024.3	-19.3
325	21	86.297	9.902	1022.5	-20.3
326	22	86.246	7.751	1023.3	-18.0
327	23	86.231	6.677	1030.4	-14.7
328	24	86.247	6.121	1030.9	-16.0
329	25	86.254	6.041	1023.3	-17.5
330	26	86.249	6.036	1016.7	-18.9
331	27	86.257	6.599	1010.4	-19.7
332	28	86.277	7.384	1010.3	-17.4
333	29	86.237	7.399	1007.7	-20.6
334	30	86.215*	7.316	1001.8*	-21.3*

BUOY(3814) DEC. 81		LAT (N)	LON (+E,-W)	P (MB)	T (C)
335	1				
336	2	86.125	7.893	1005.9	-25.9
337	3	86.092	8.115	1010.1	-26.5
338	4	86.017	8.624	1007.7	-27.7
339	5	85.893	9.277	1001.9	-24.5
340	6			1016.7	-29.6
341	7			1031.0	-29.6
342	8			1015.6	-25.9
343	9	85.558	8.474	1040.0	-22.5
344	10	85.470	8.328	1034.2	-23.3
345	11	85.442	8.265	1023.2	-20.9
346	12	85.407	8.545	1011.3	-19.7
347	13	85.313	8.800	1008.8	-20.9
348	14	85.215	9.117	1008.9	-24.0
349	15	85.084	8.925	1010.4	-26.1
350	16	84.985	8.769	1012.9	-26.7
351	17	84.901	8.711	1012.3	-26.4
352	18	84.863	8.651	1014.7	-27.1
353	19	84.825	8.606	1018.1	-27.6
354	20	84.798*	8.532	1024.0	-28.5
355	21				
356	22			1008.9*	-26.5*
357	23	84.894	7.857	1004.2	-20.5
358	24	84.871	8.126	1013.6	-24.6
359	25	84.846*	7.747	1020.8	-29.3
360	26	84.829*	7.512	1026.7	-30.5
361	27	84.824	6.827	1042.1	-27.9
362	28	84.809	6.092	1046.0	-27.3
363	29	84.825	5.064	1039.1	-26.6
364	30	84.821	5.886	1032.0	-21.9
365	31	84.770*	5.559	1040.4*	-24.2*

Graphical Data. The plots show contours of surface pressure at 1200 GMT. The daily displacement of each buoy is indicated by a vector originating at the symbol o which marks the position of each buoy at the beginning of each day. A vector of length 1 cm corresponds to a displacement of 20 km. Vectors terminating in the symbol x denote displacements larger than 20 km. Buoy positions and displacements are 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. 1981
1200Z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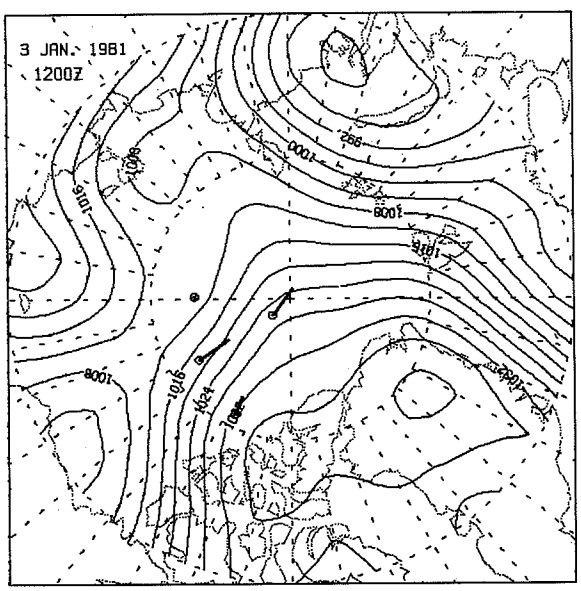
3 JAN. 1981
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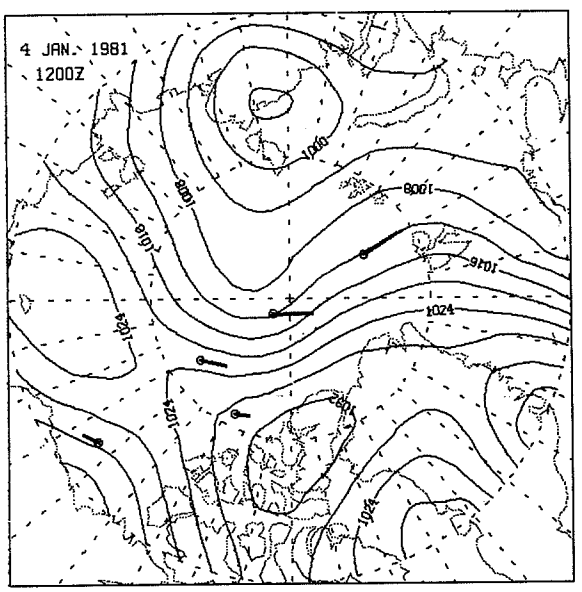
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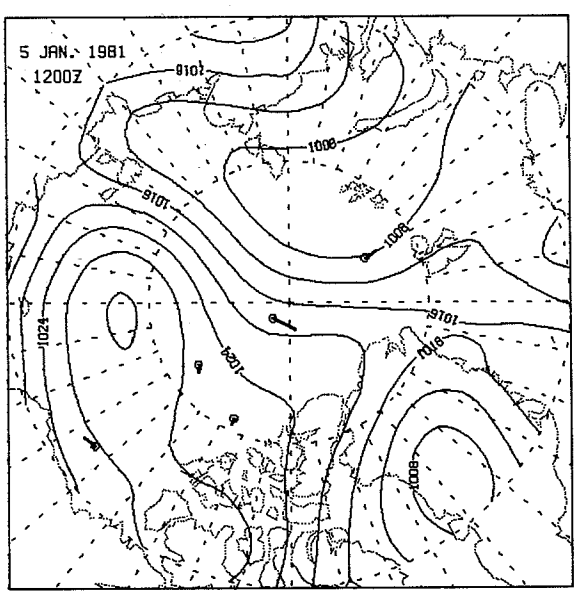
5 JAN. 1981
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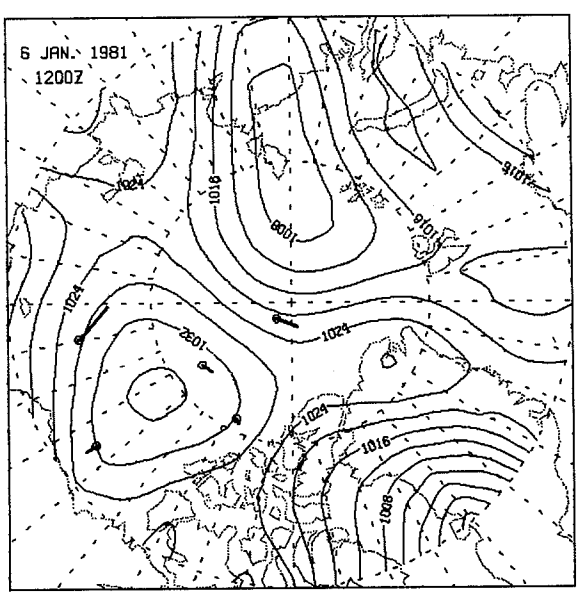
6 JAN. 1981
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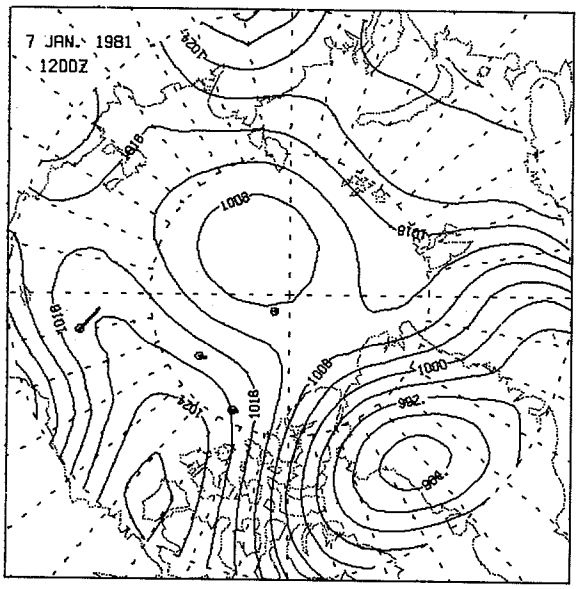
7 JAN. 1981
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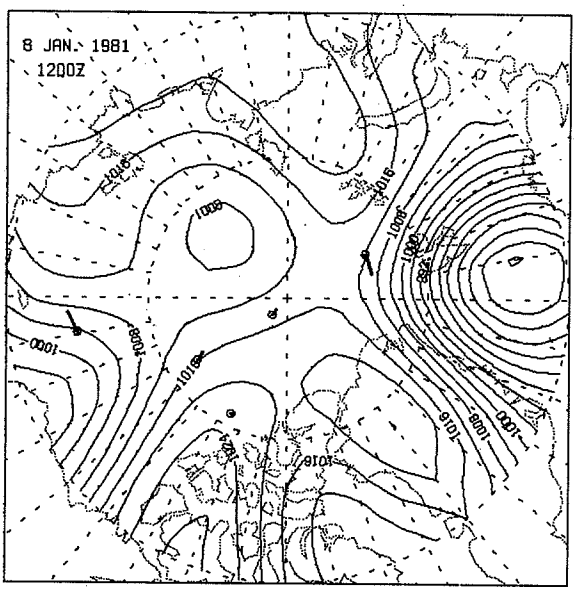
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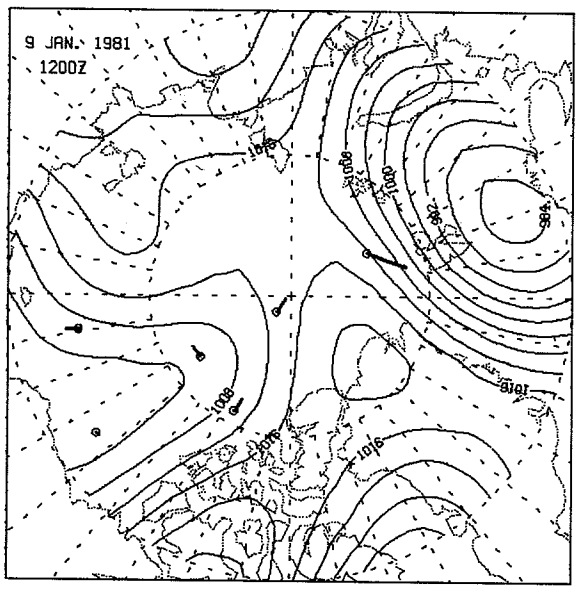
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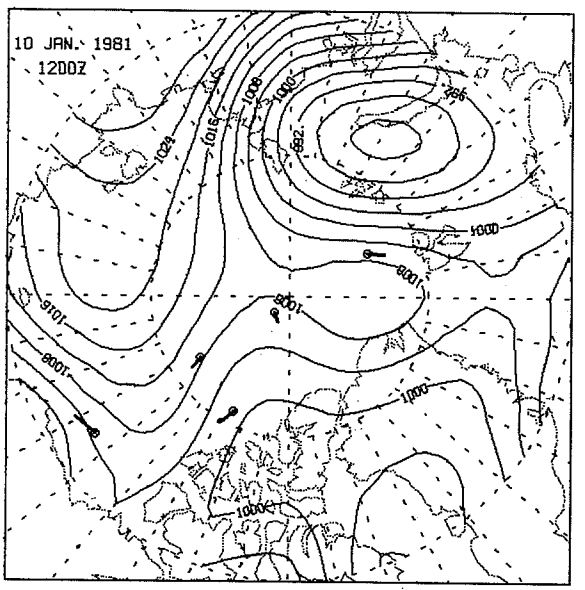
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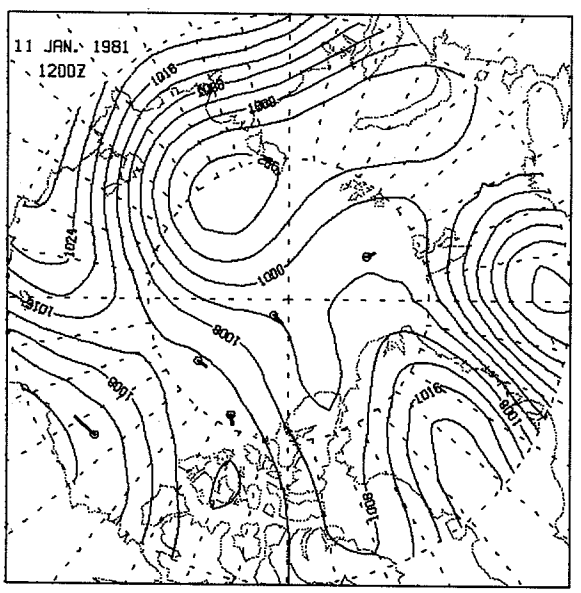
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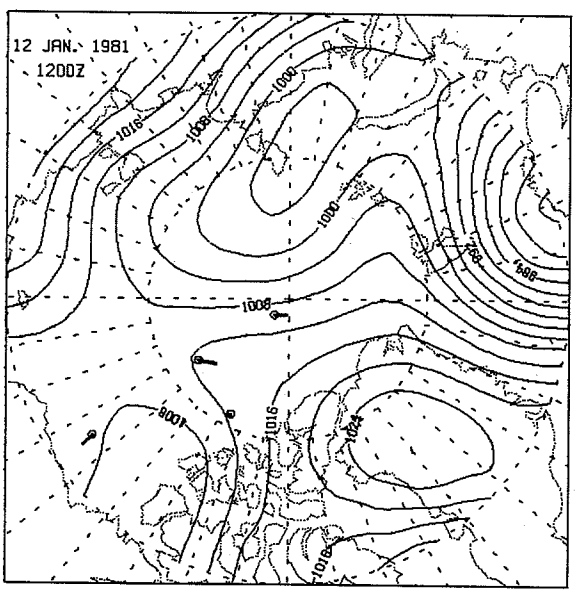
1200Z


12 JAN. 1981
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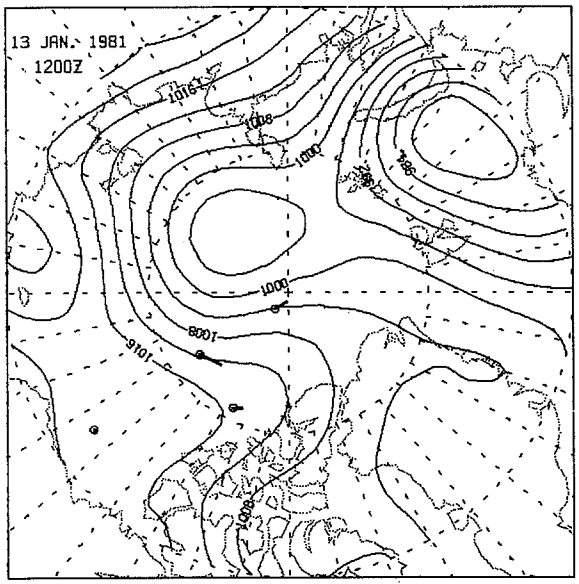
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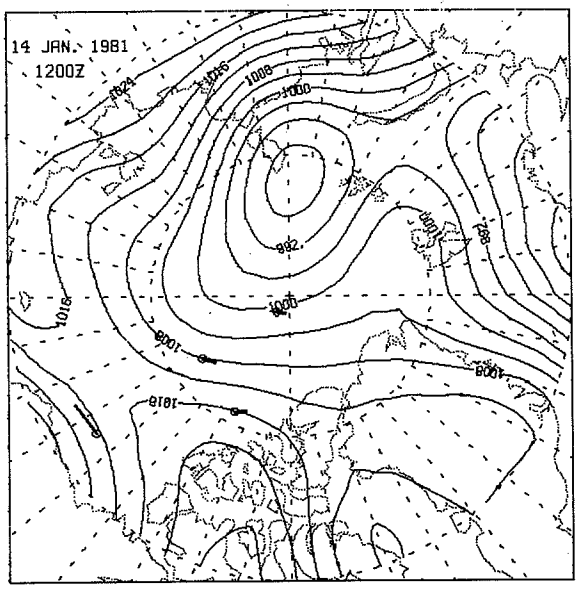
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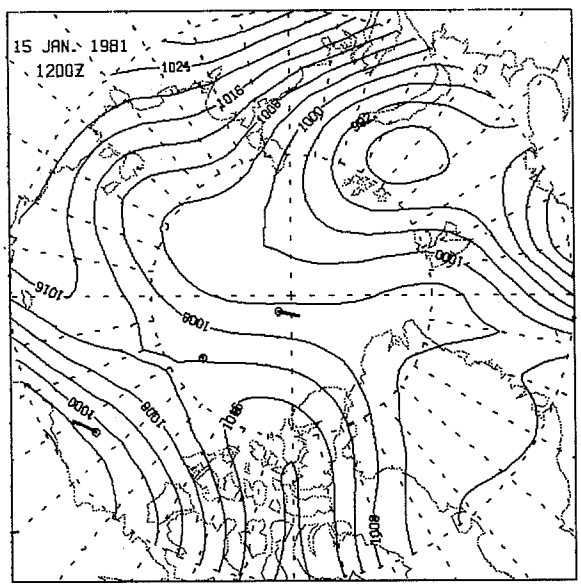
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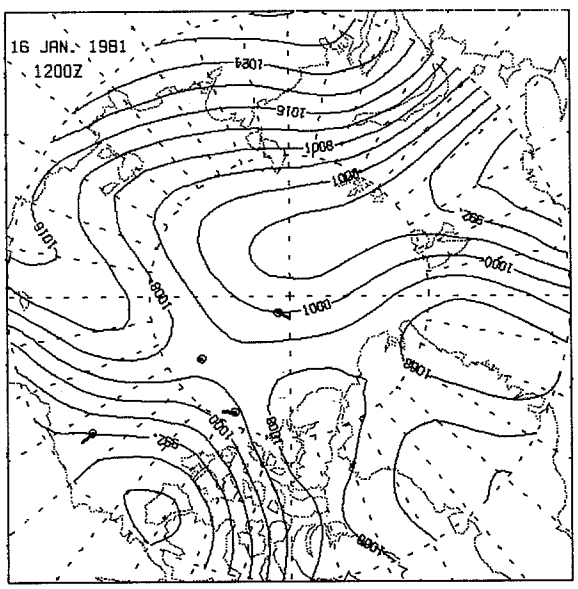
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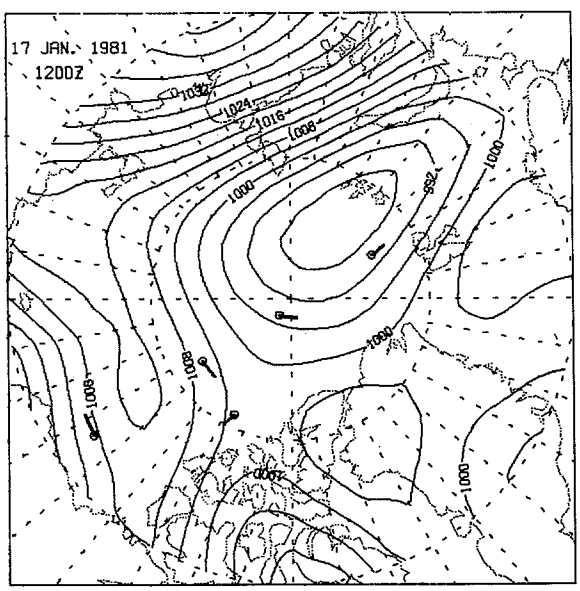
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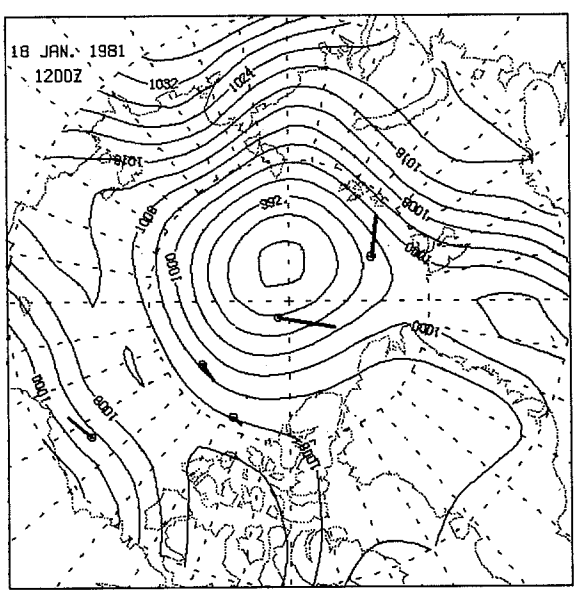
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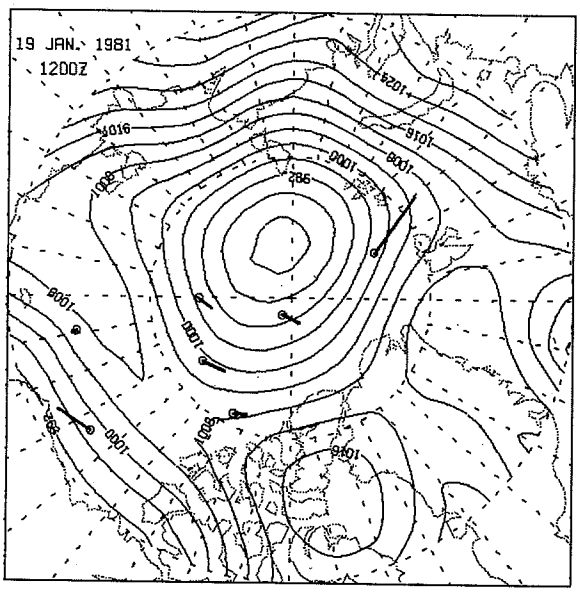
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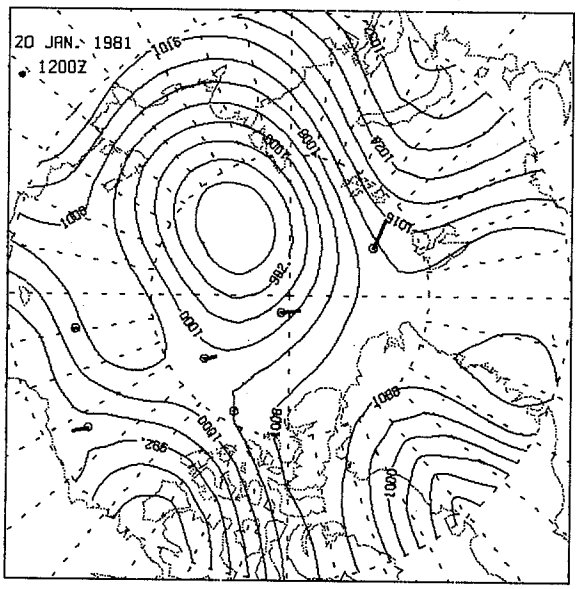
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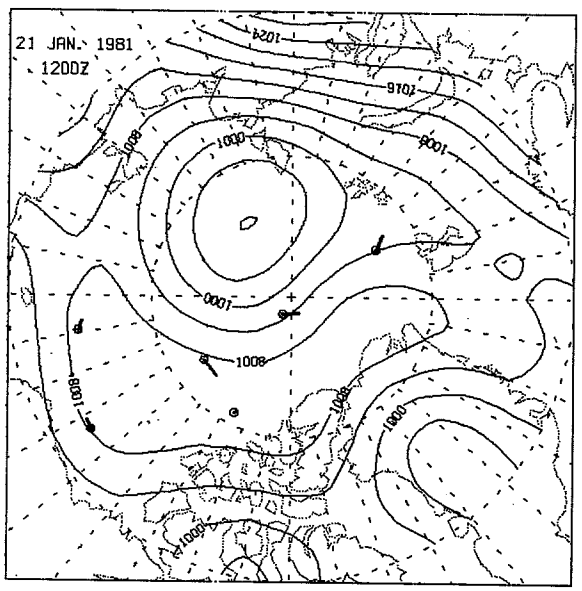
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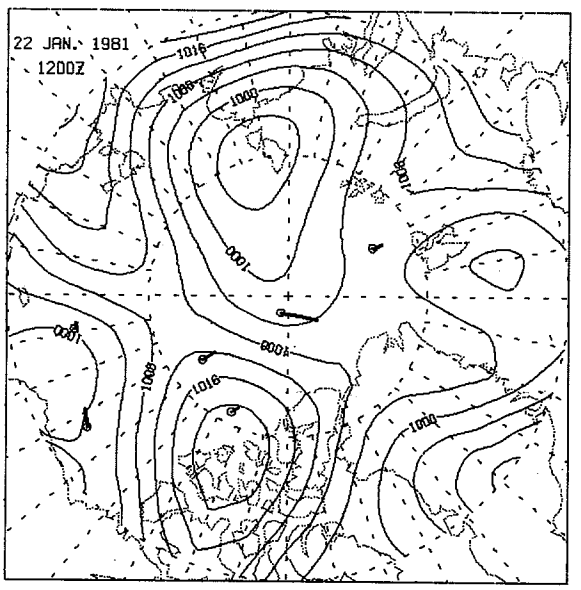
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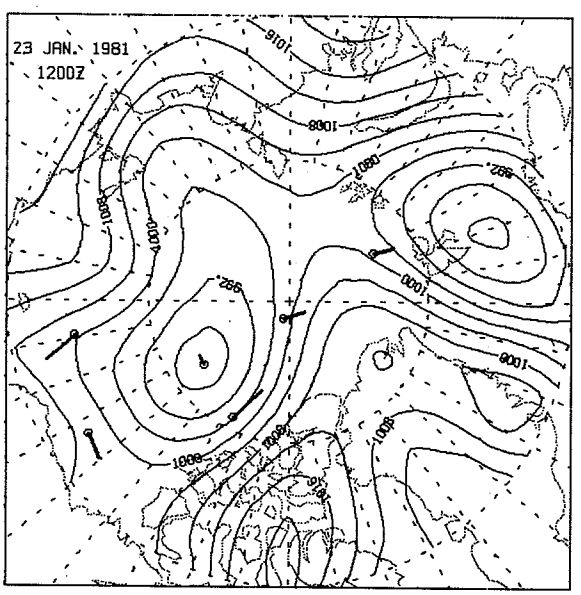
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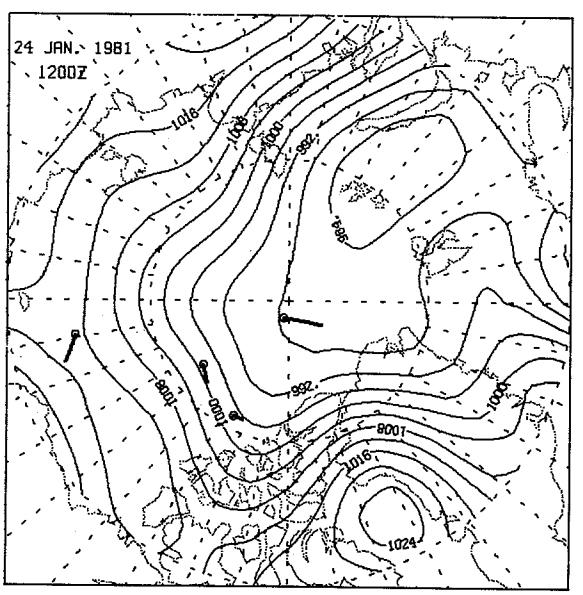
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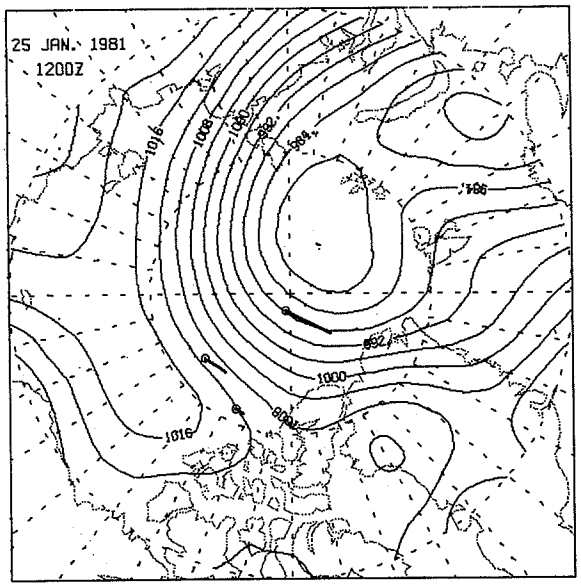
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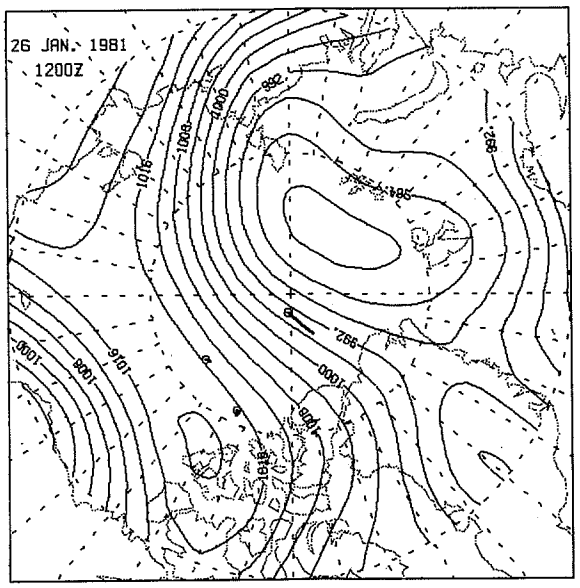
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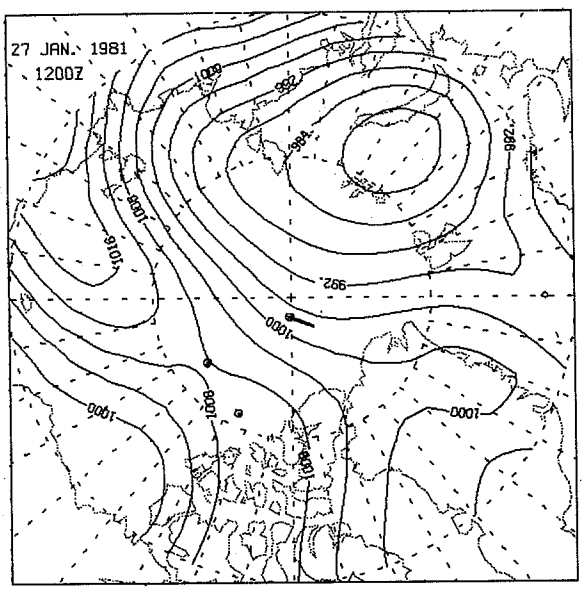
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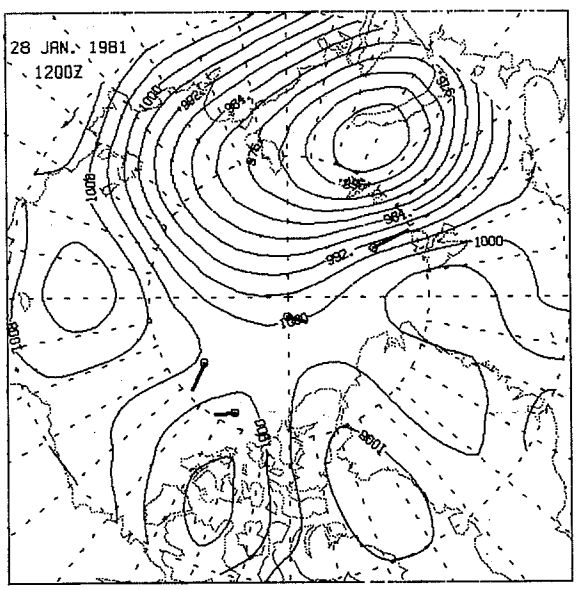
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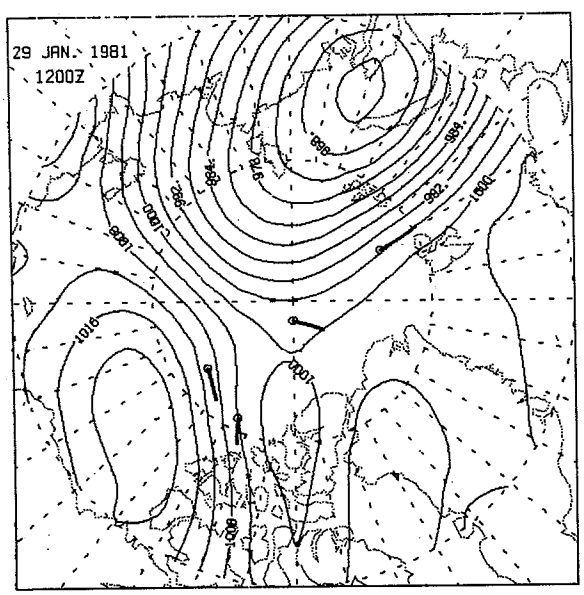
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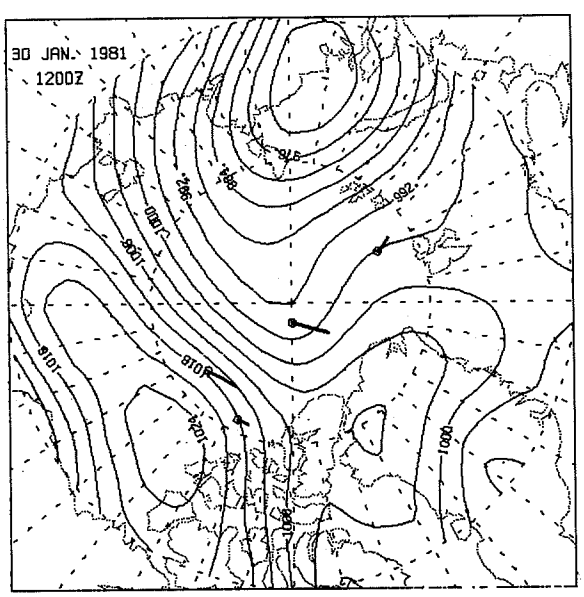
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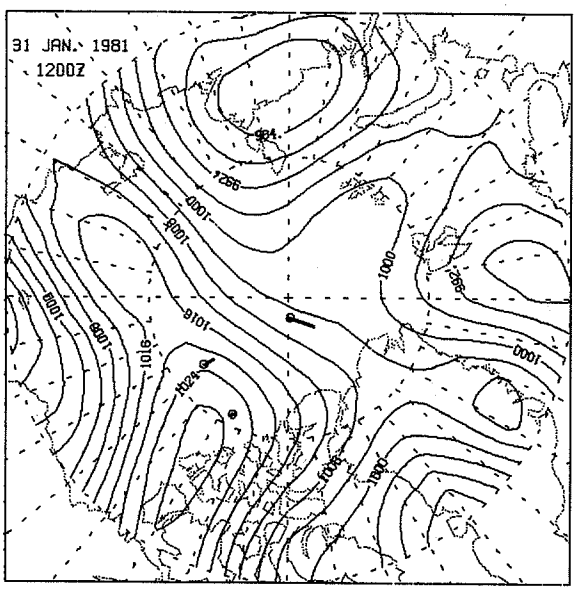
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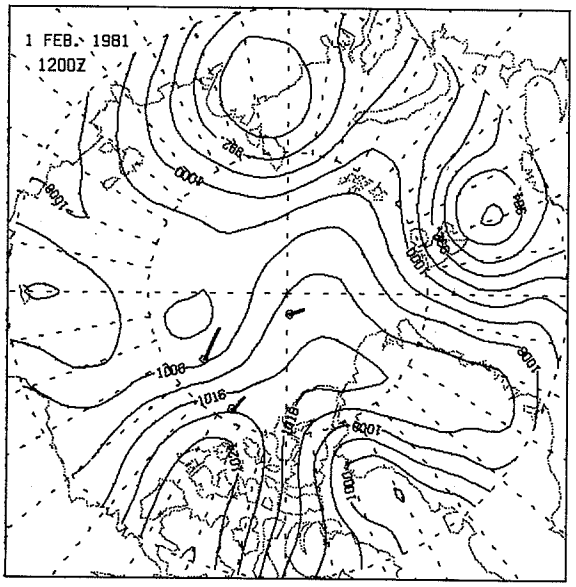
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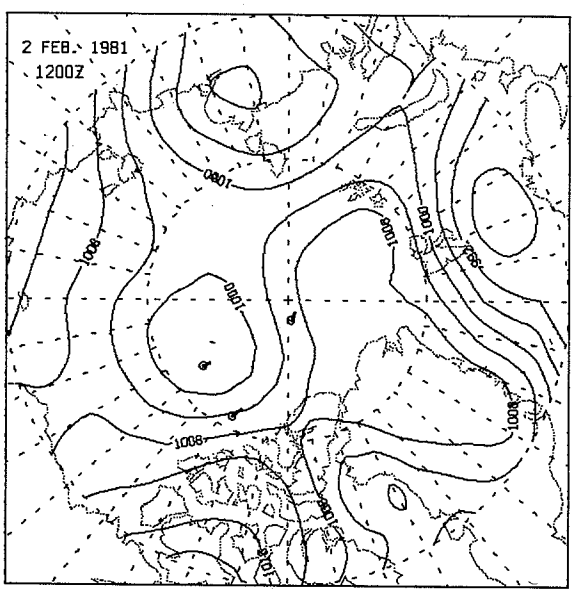
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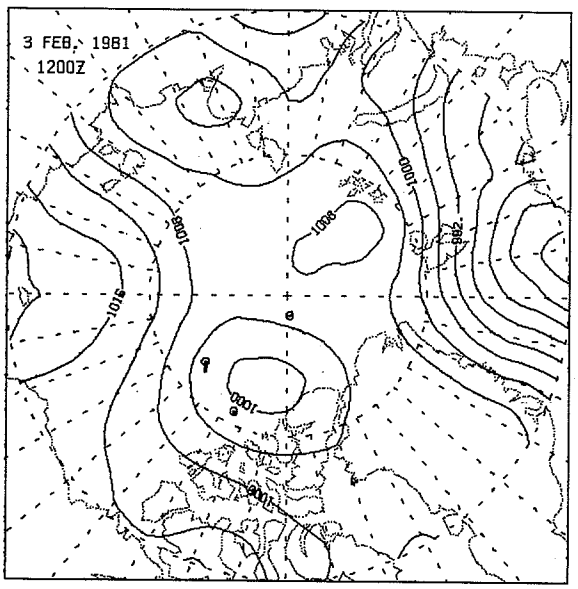
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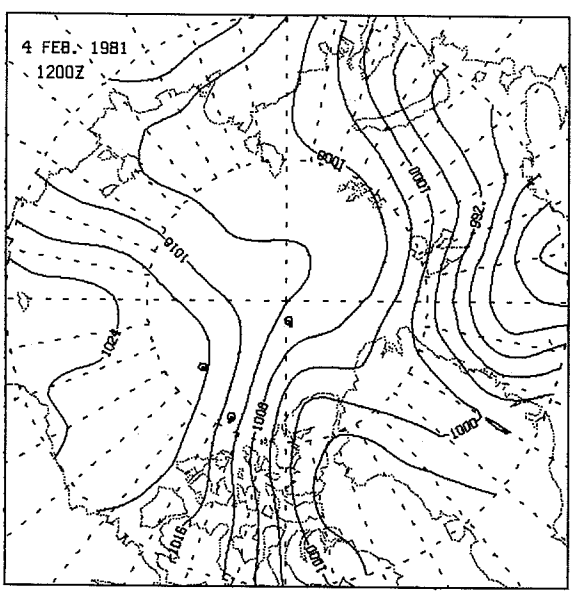
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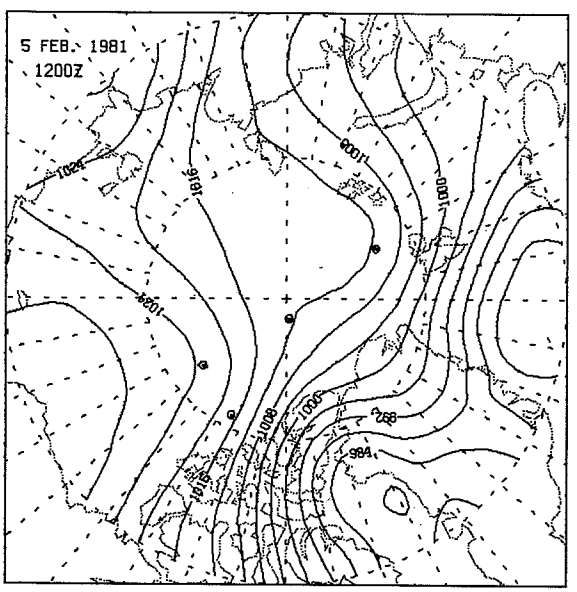
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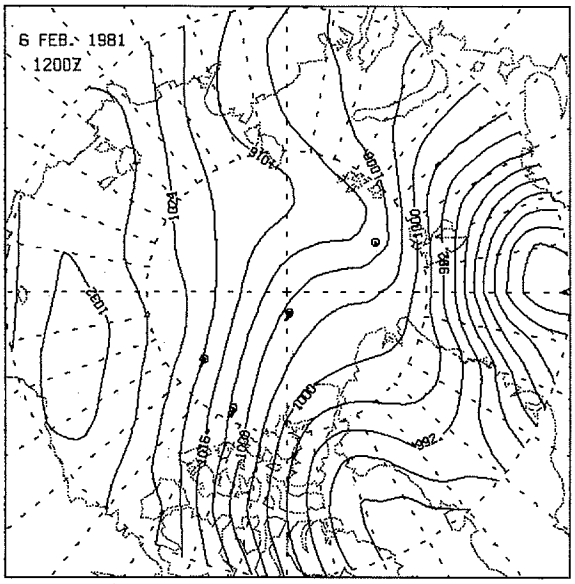
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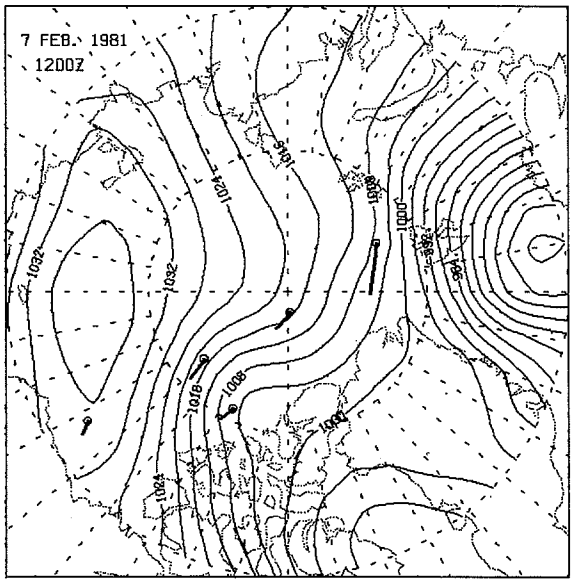
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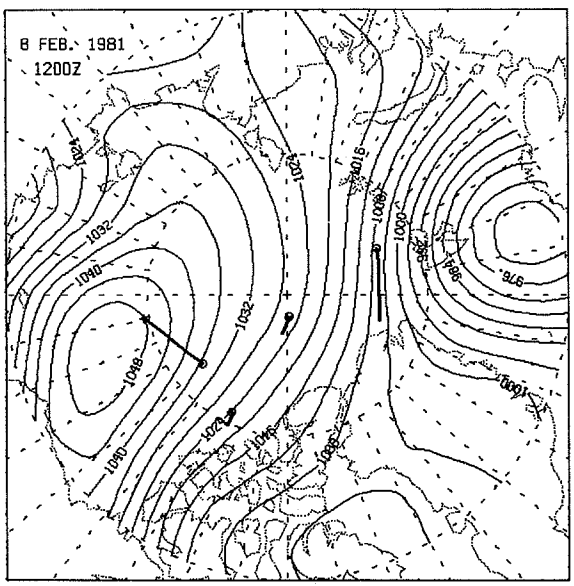
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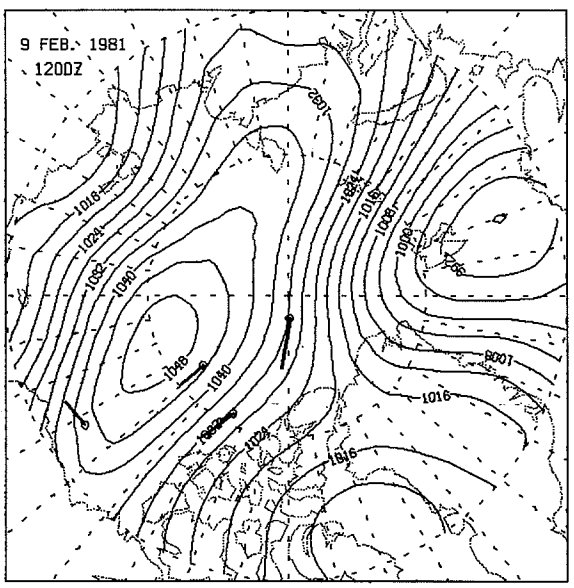
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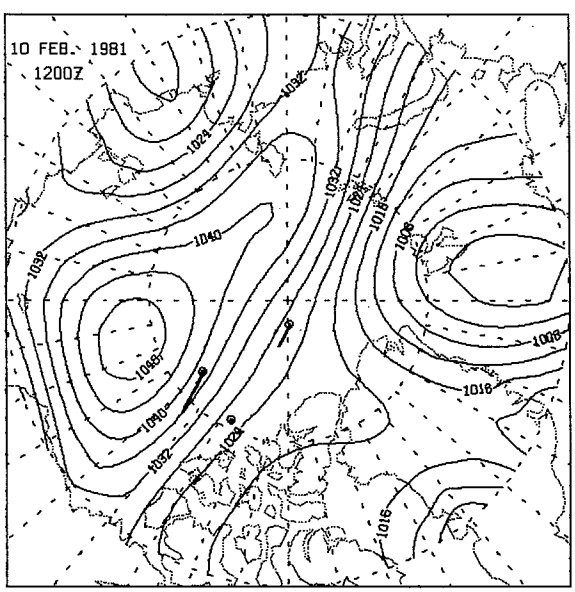
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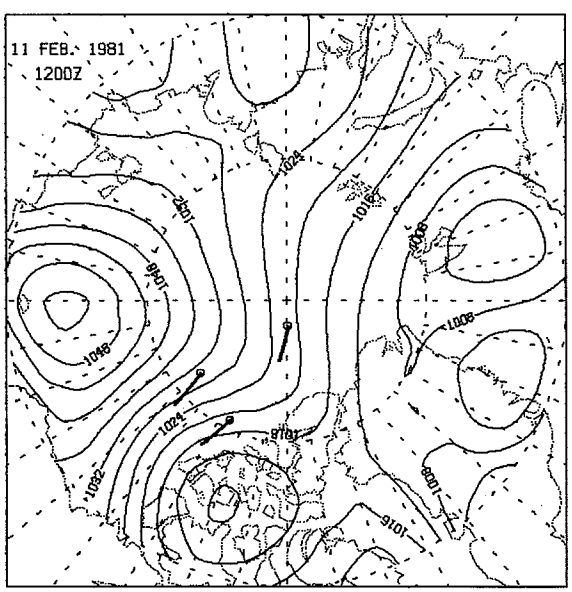
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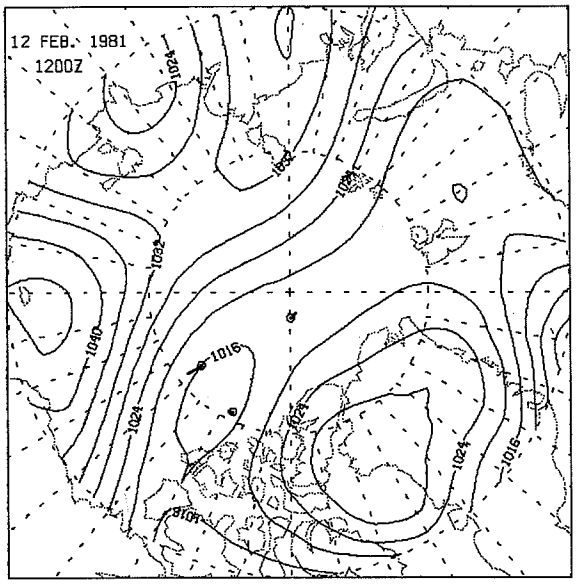
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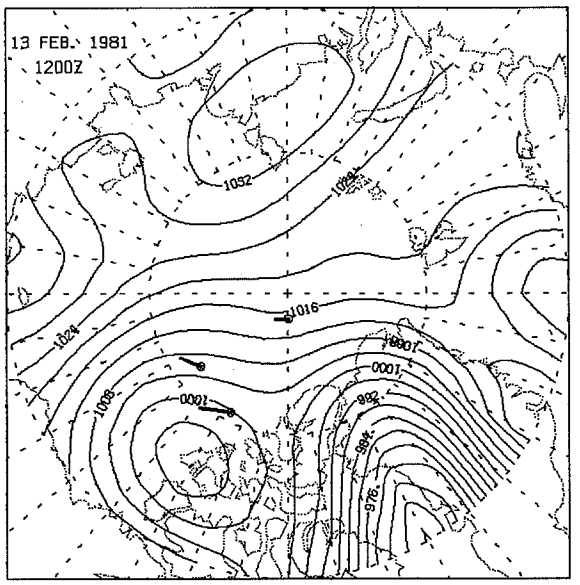
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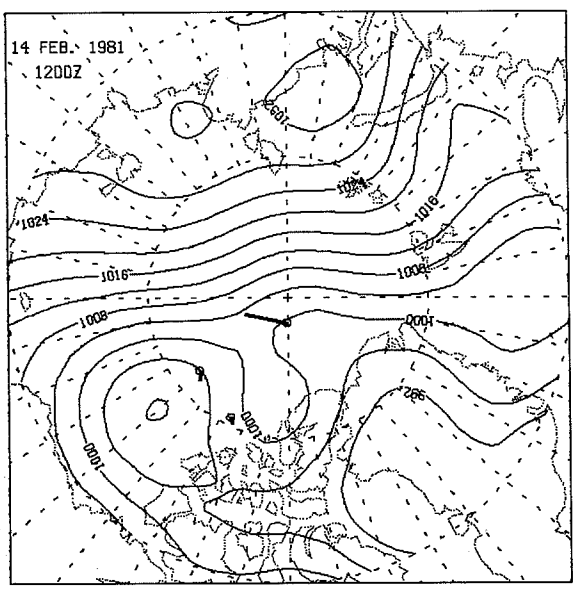
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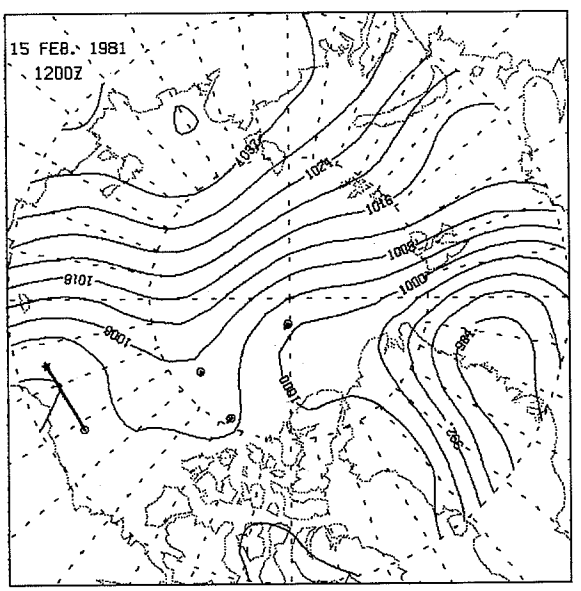
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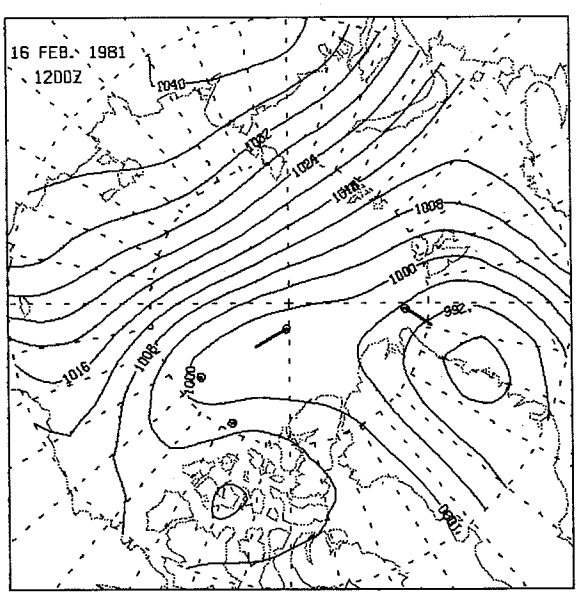
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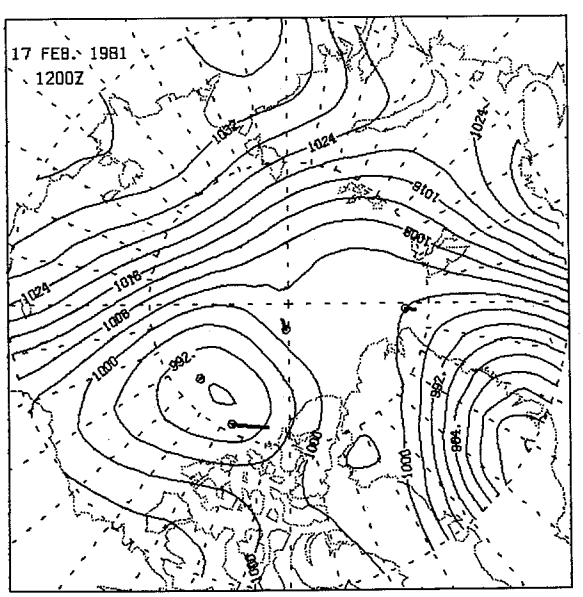
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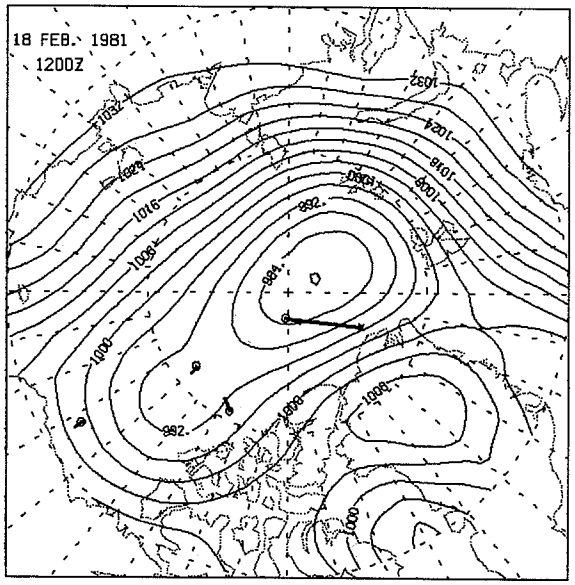
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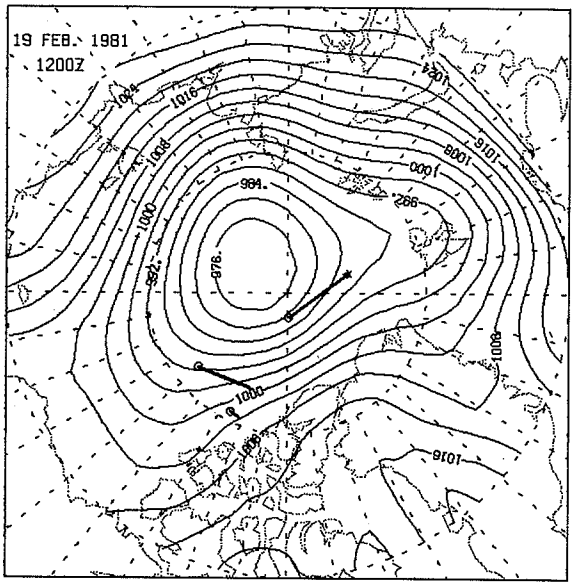
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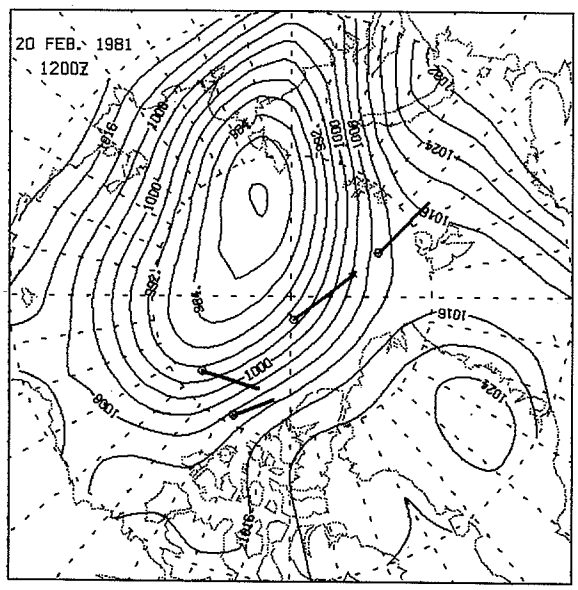
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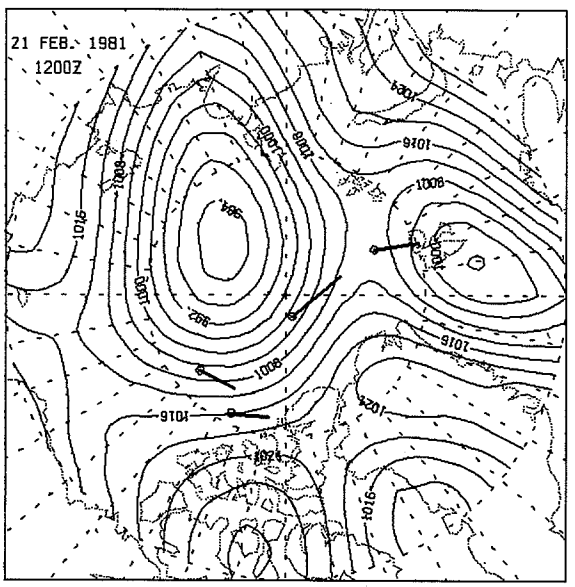
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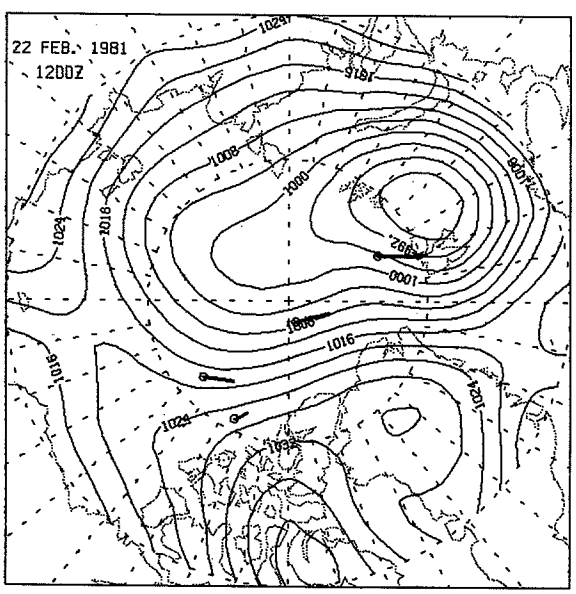
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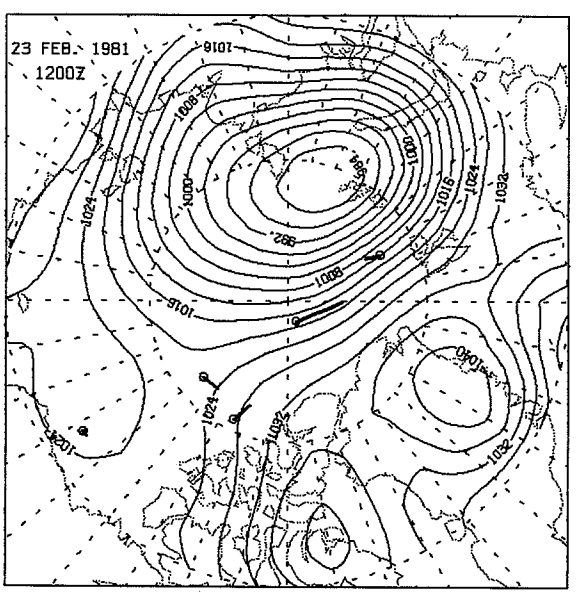
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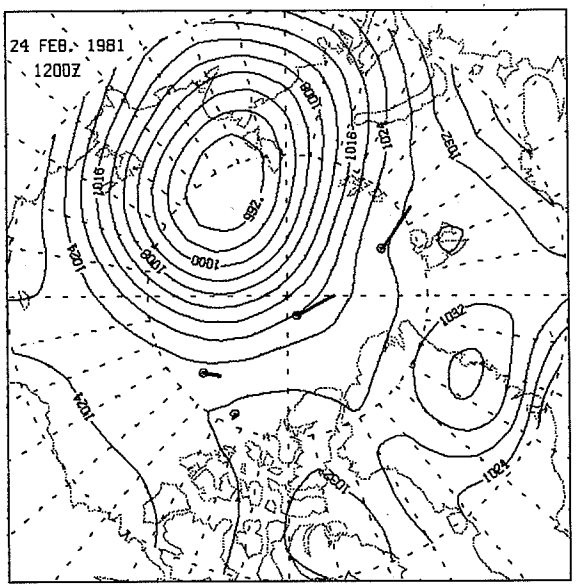
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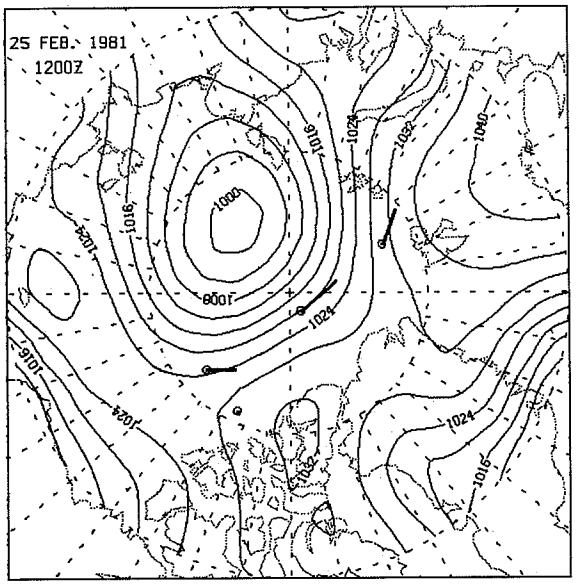
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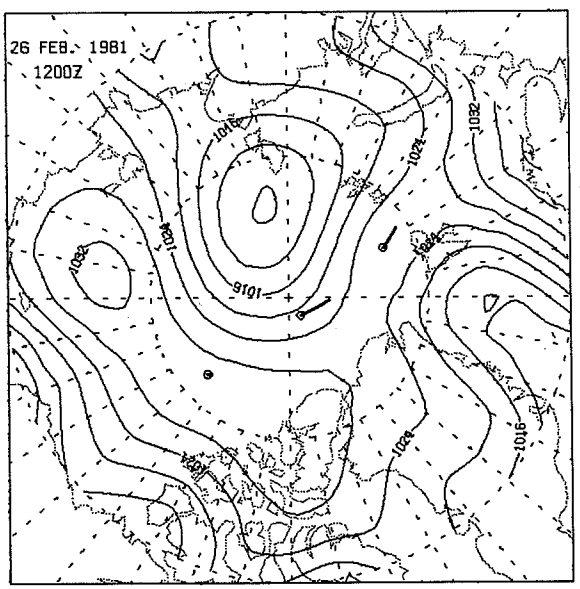
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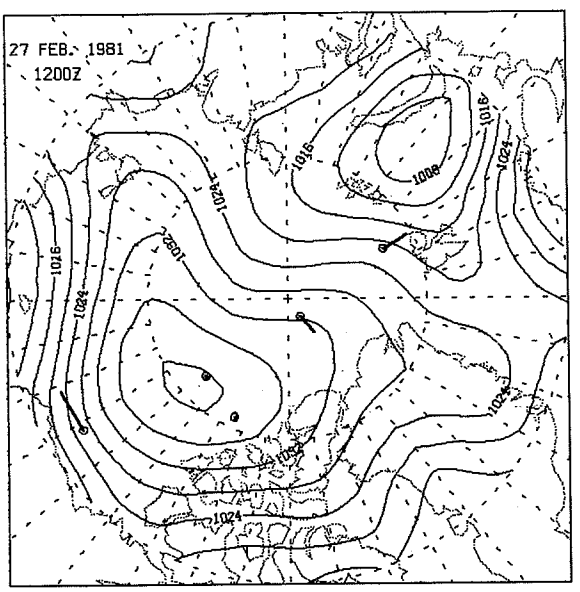
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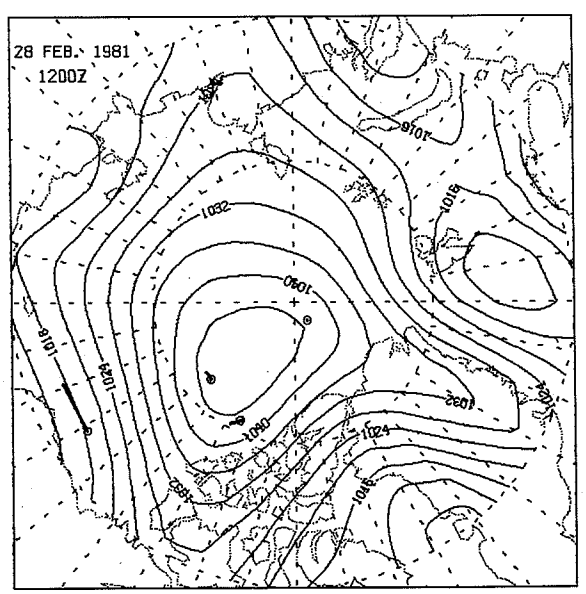
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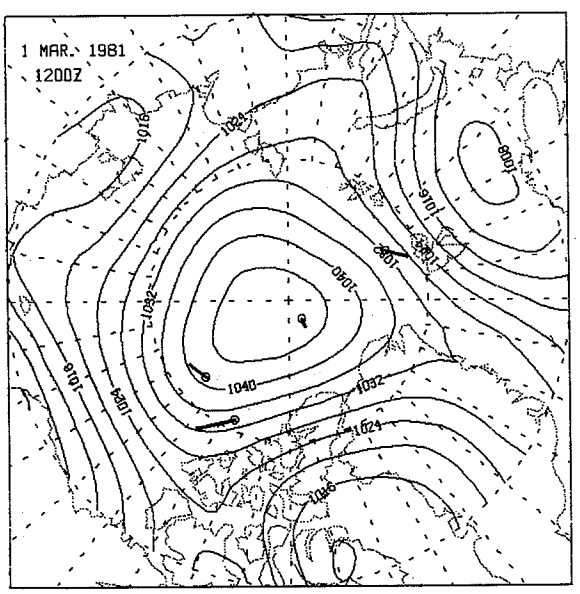
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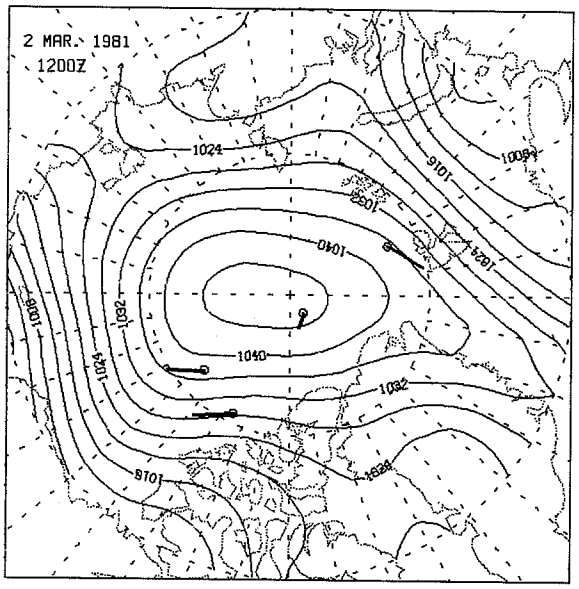
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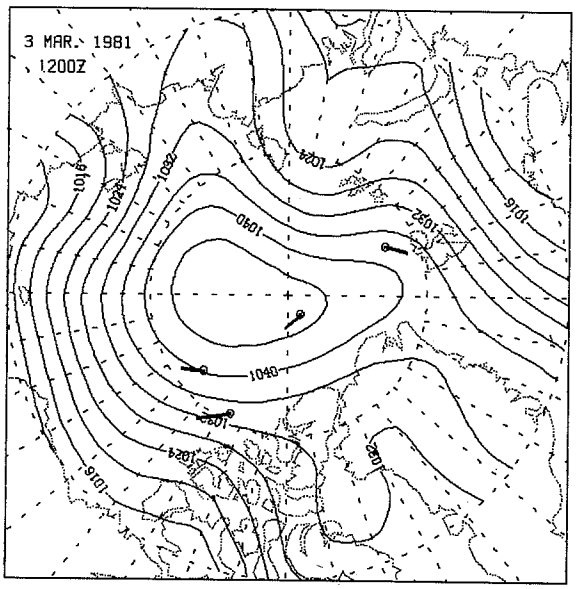
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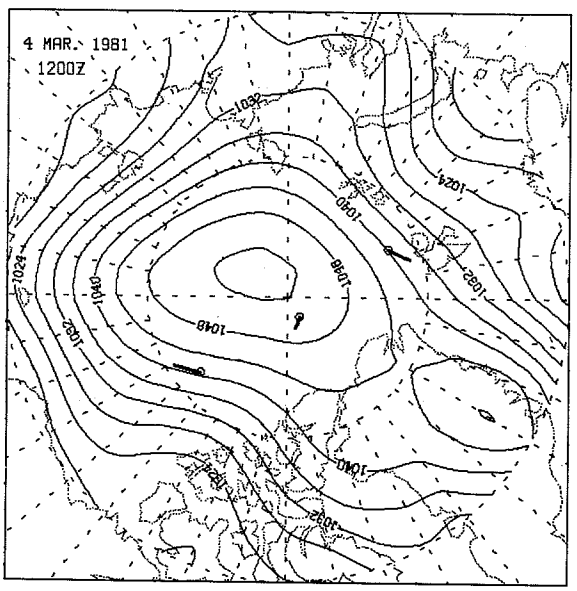
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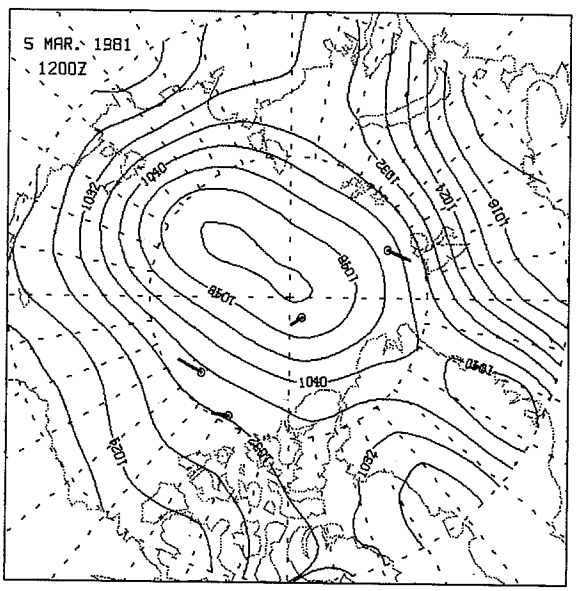
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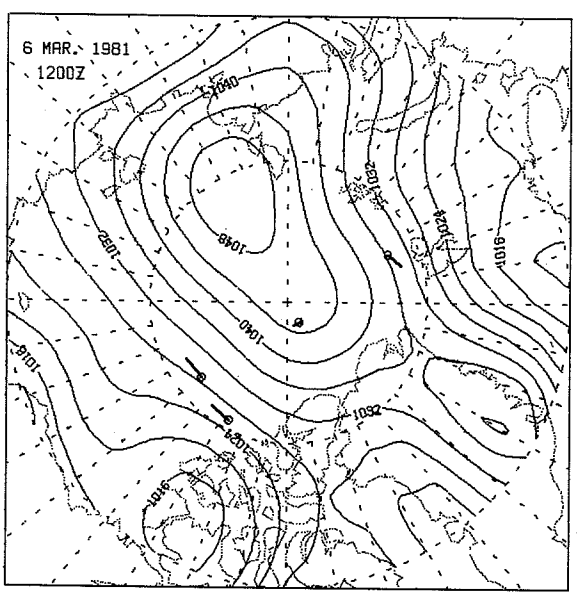
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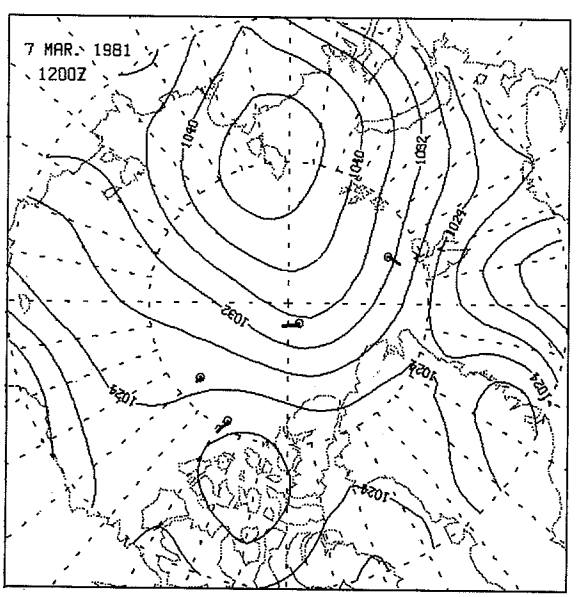
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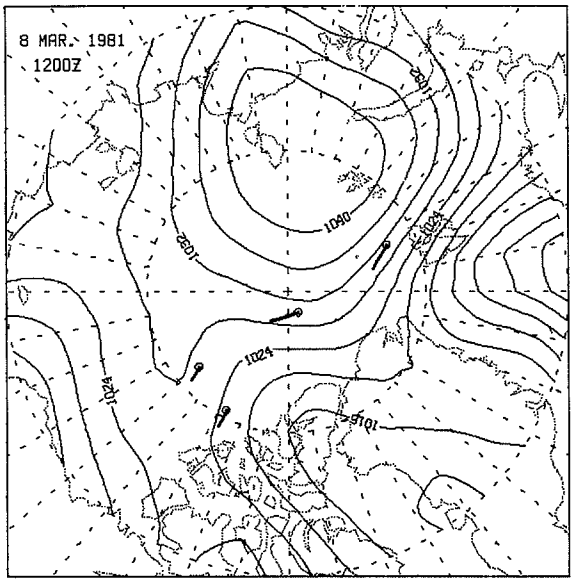
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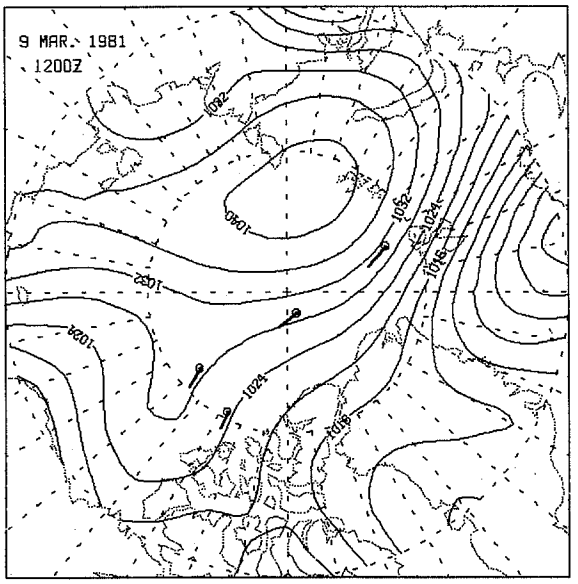
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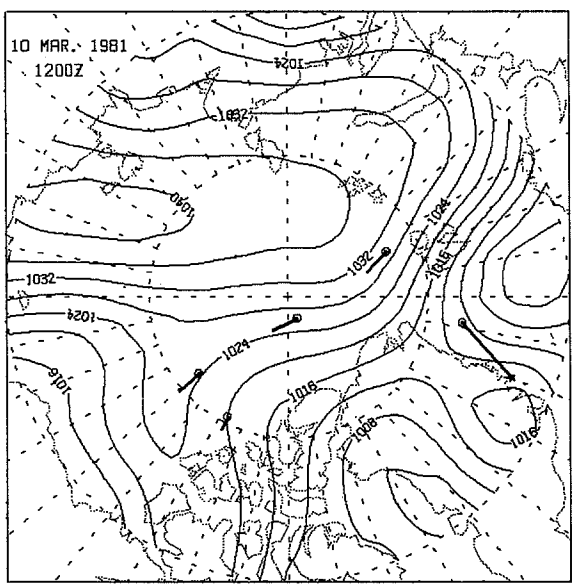
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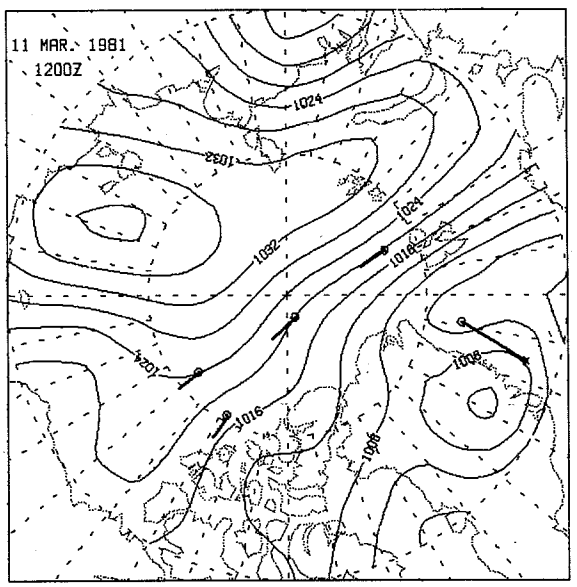
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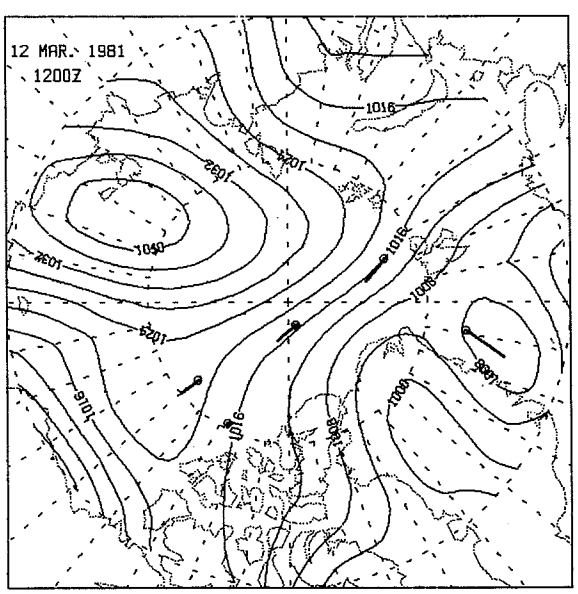
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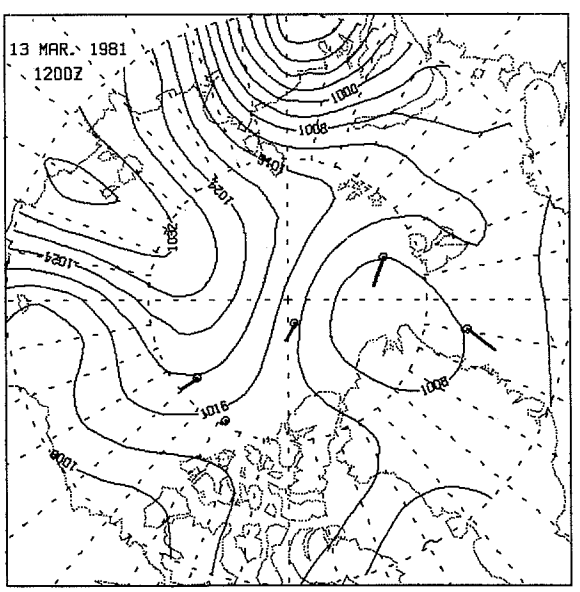
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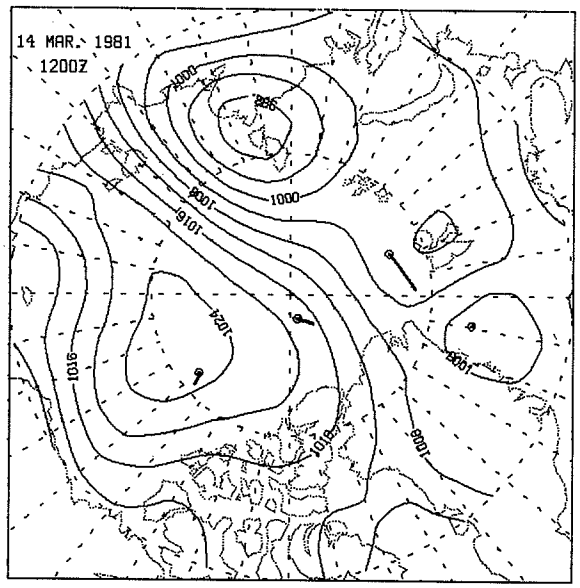
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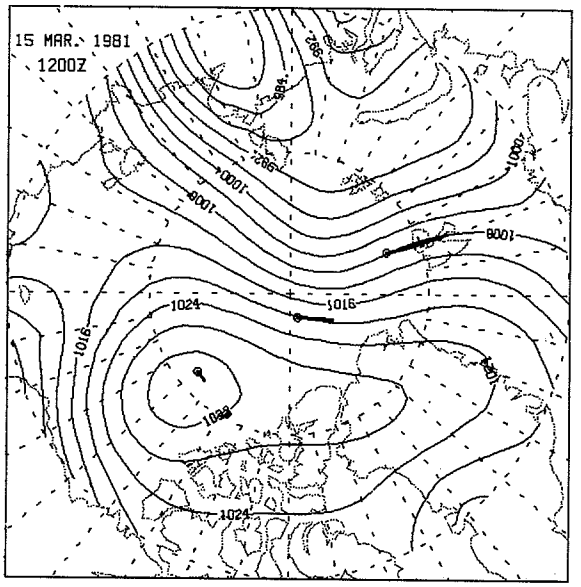
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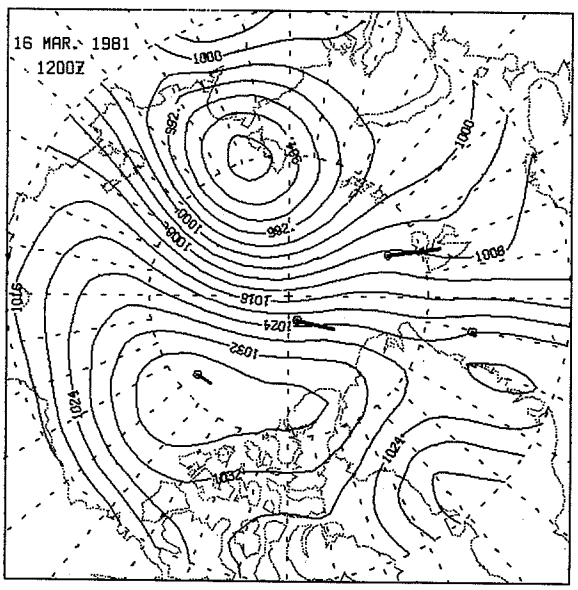
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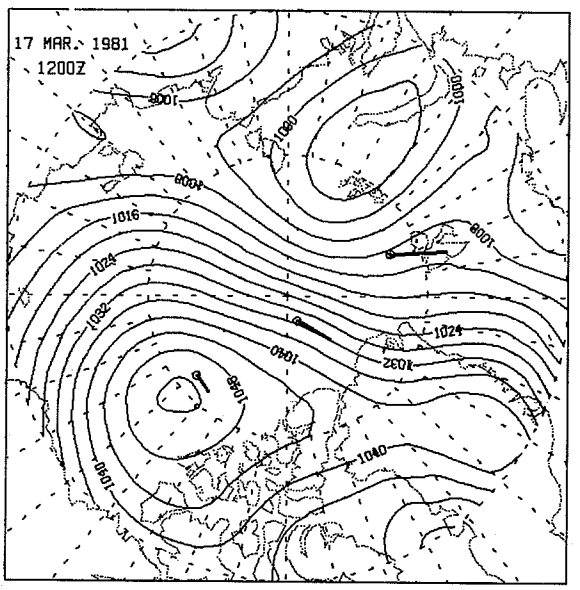
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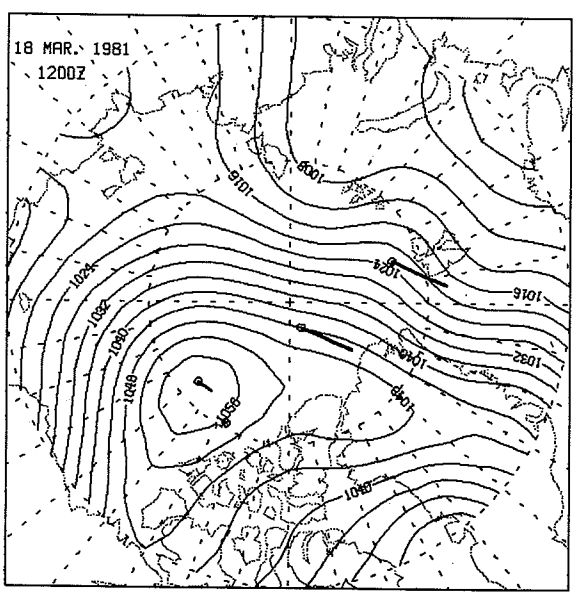
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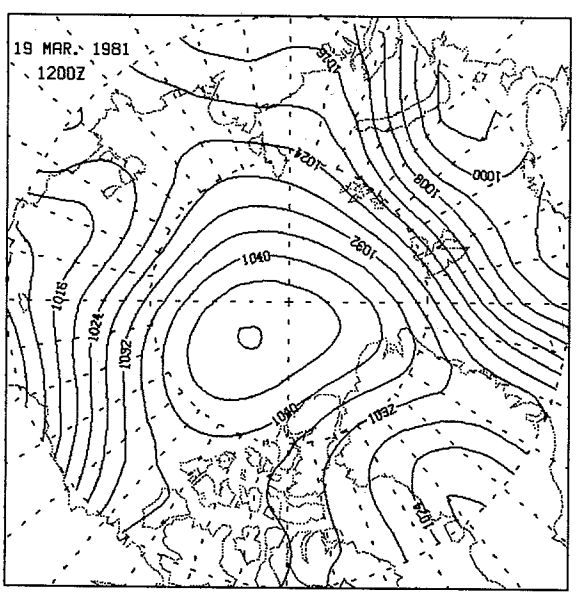
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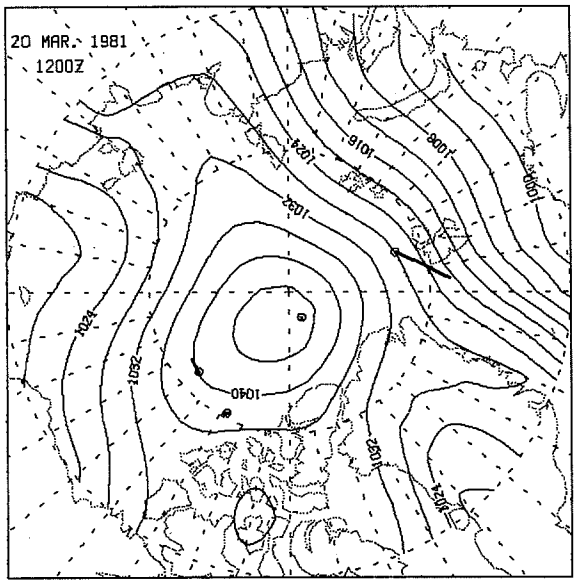
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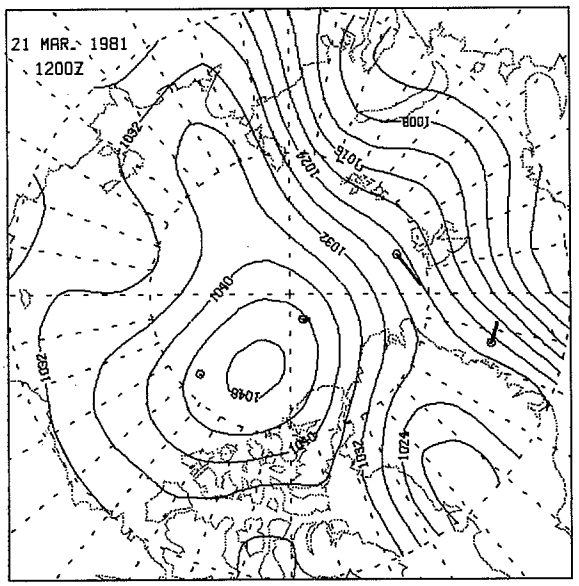
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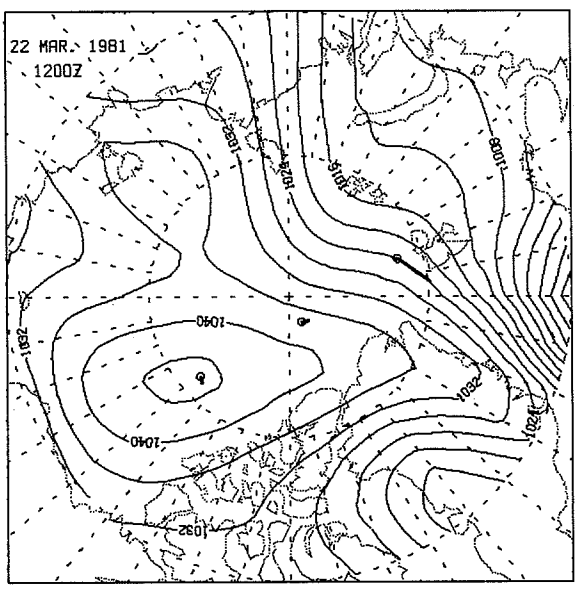
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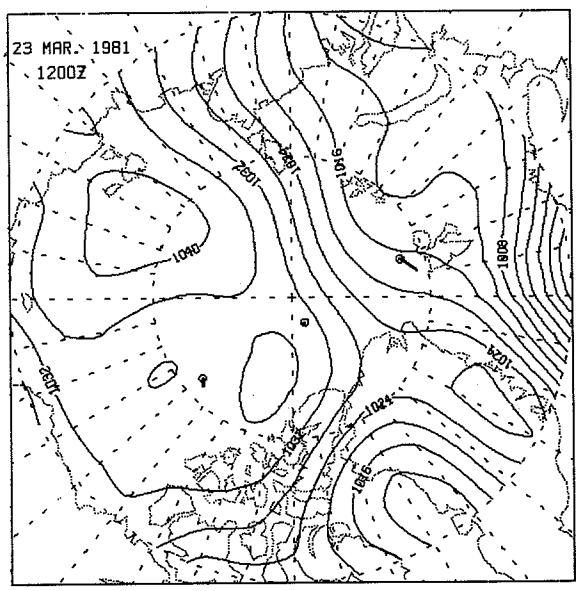
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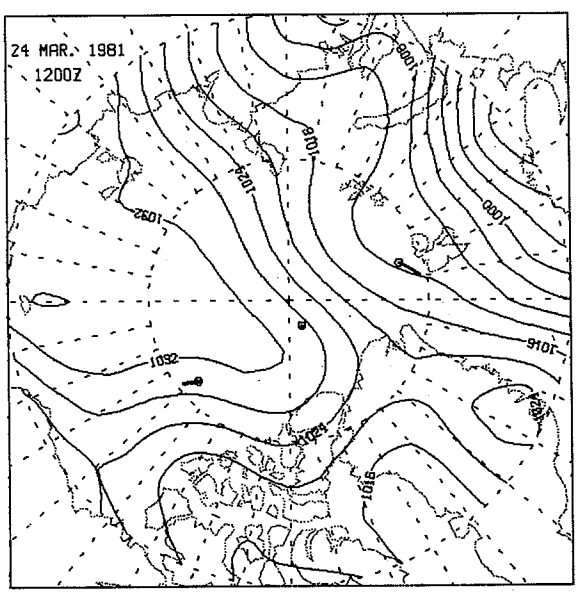
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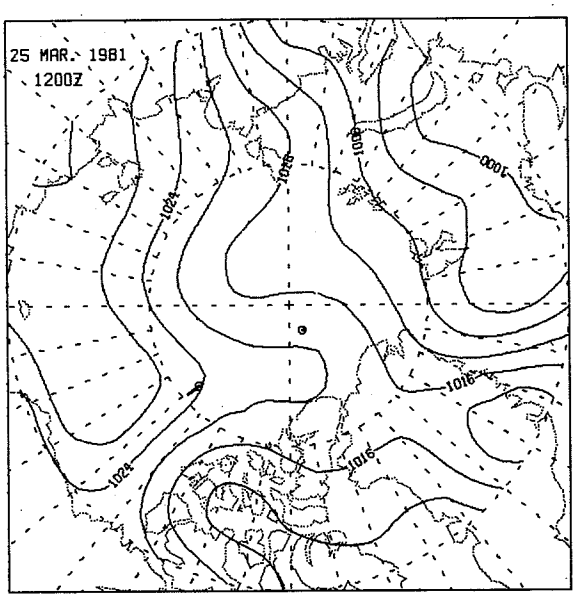
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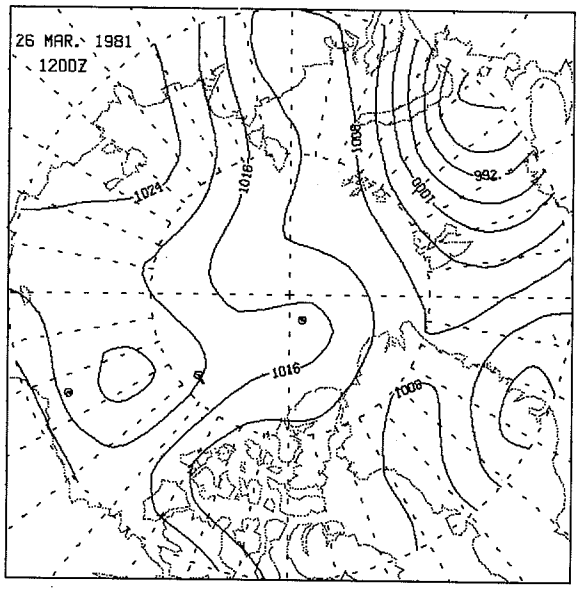
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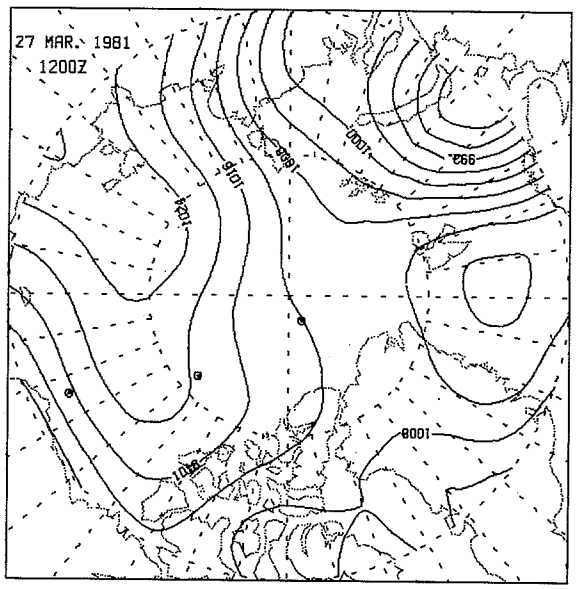
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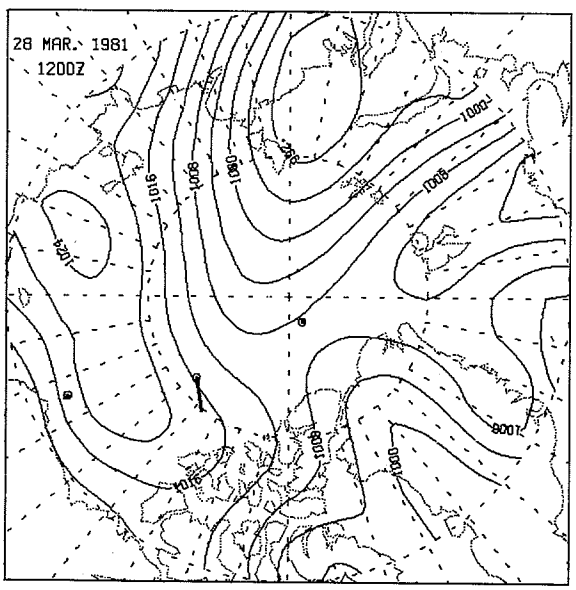
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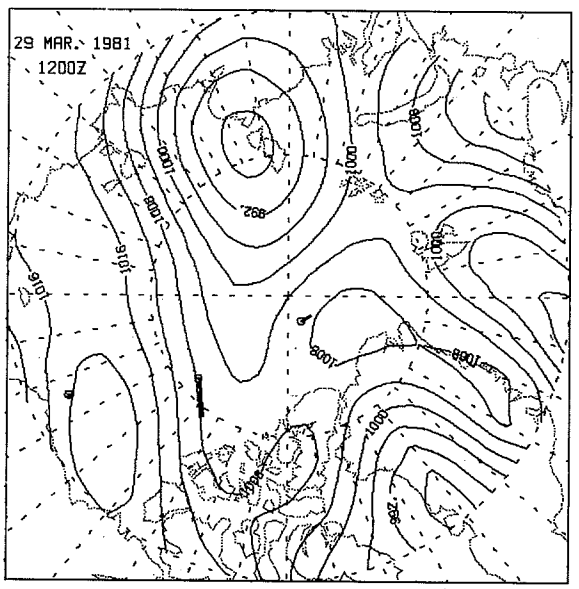
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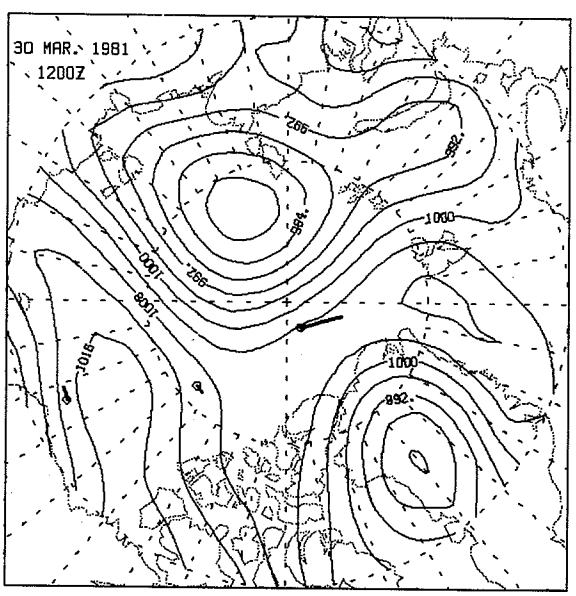
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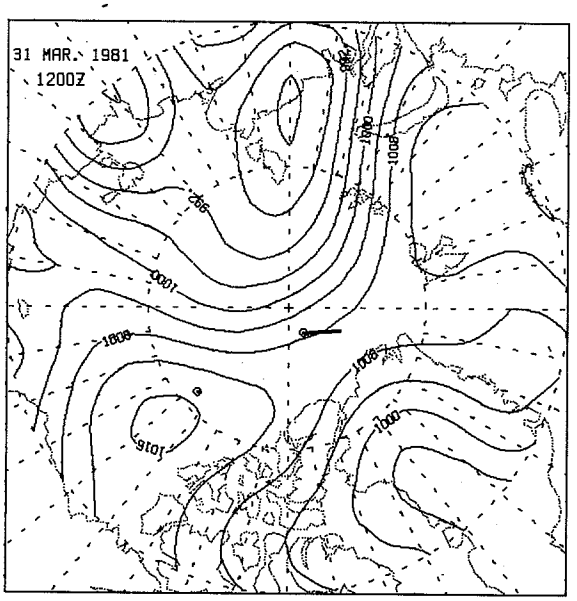
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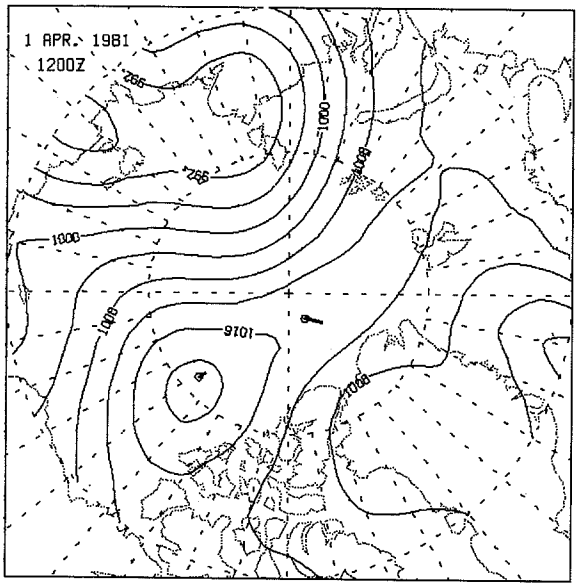
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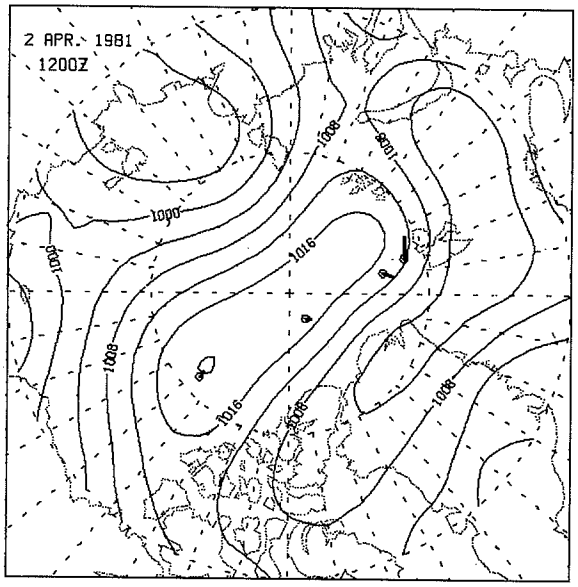
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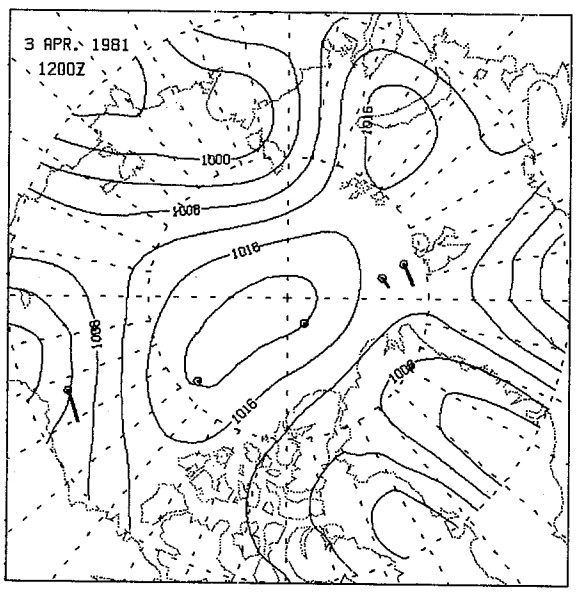
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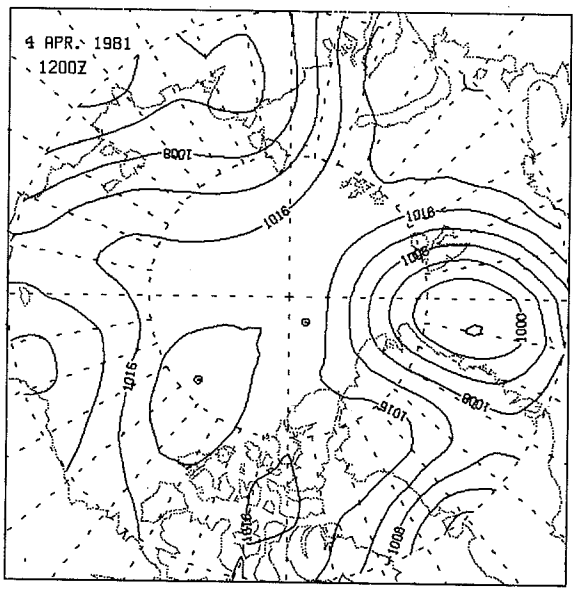
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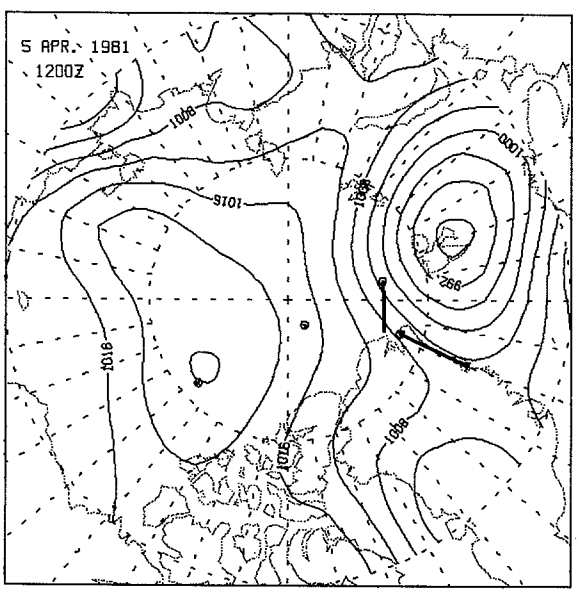
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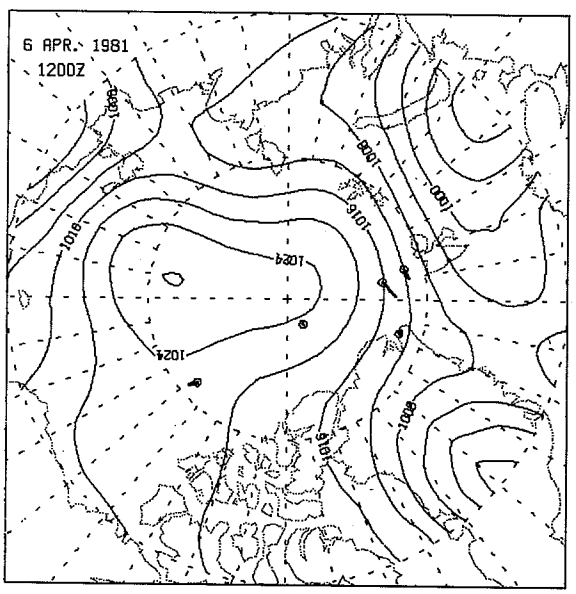
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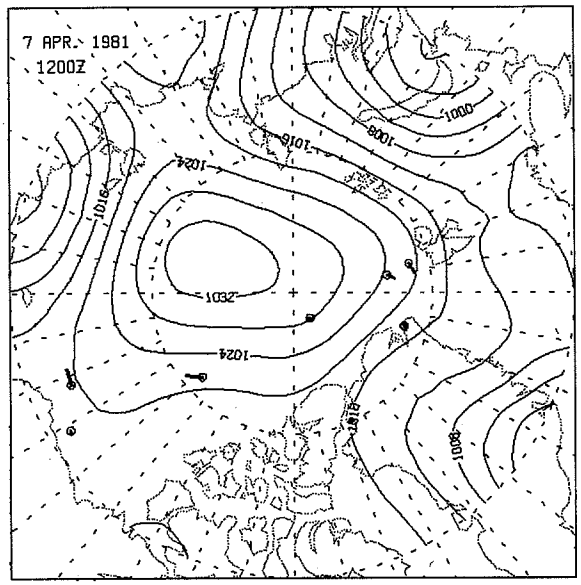
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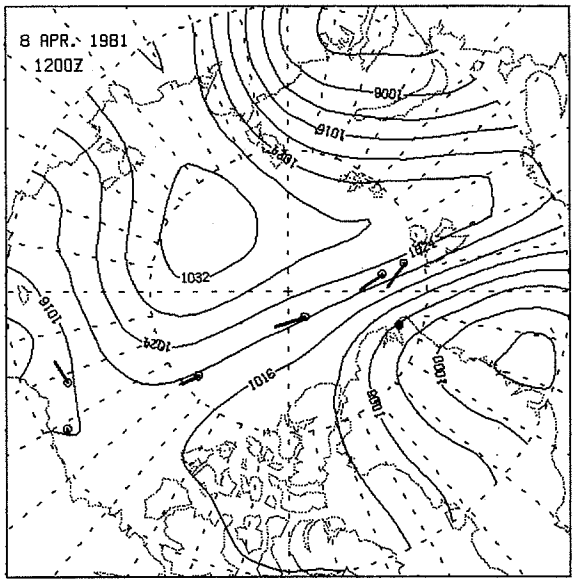
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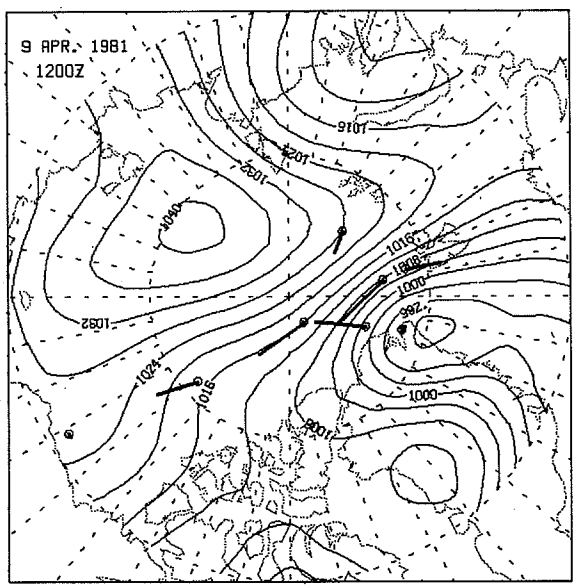
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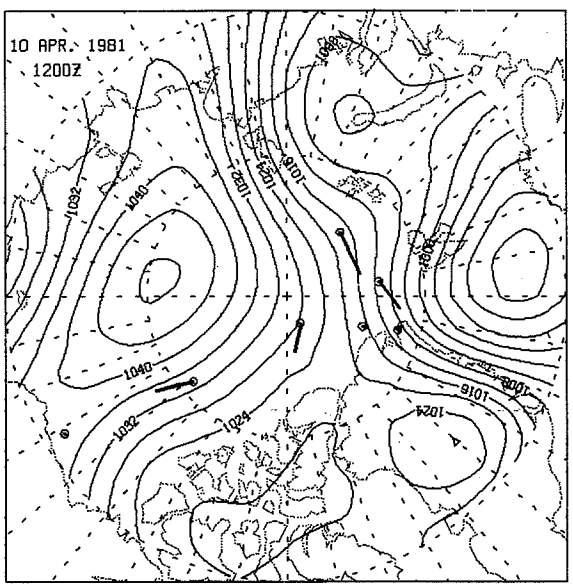
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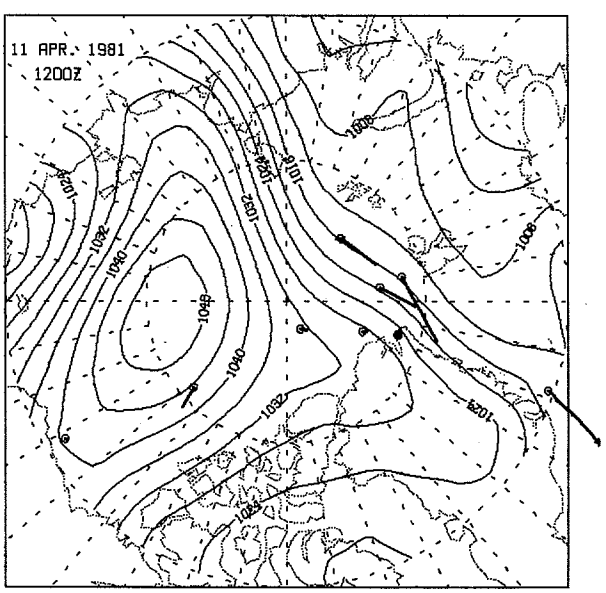
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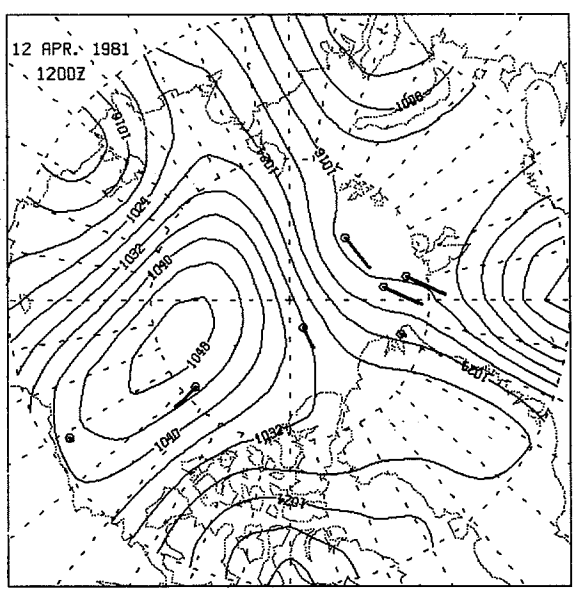
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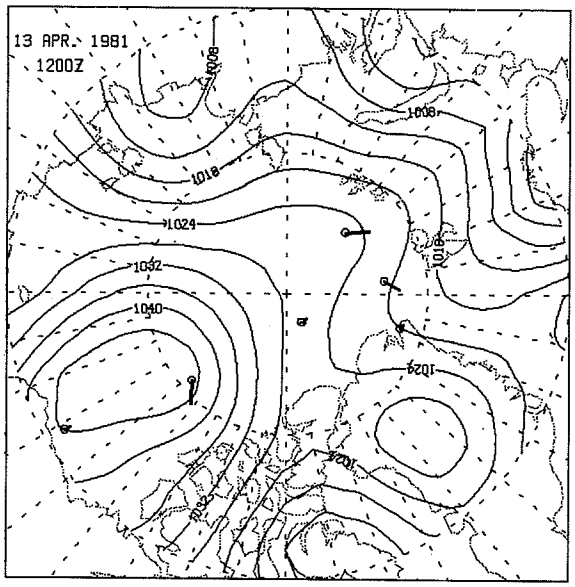
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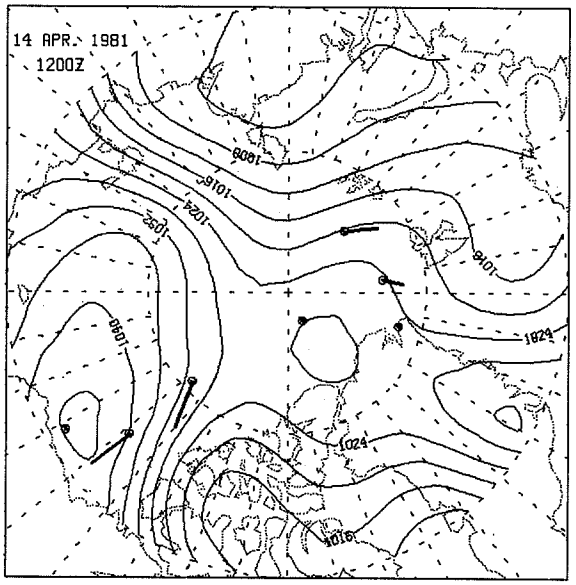
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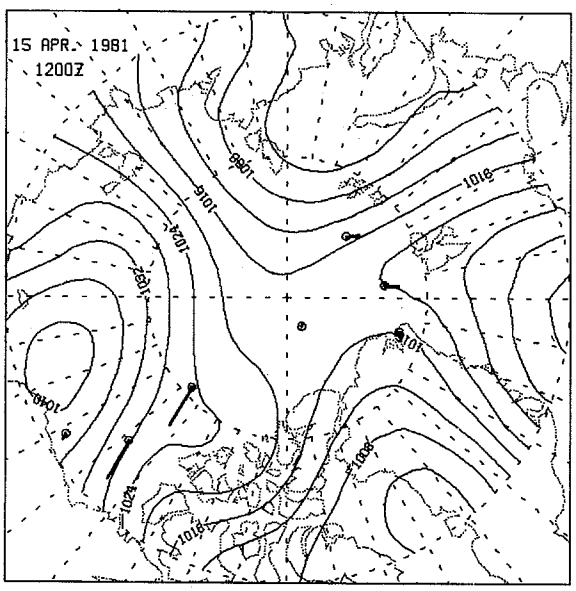
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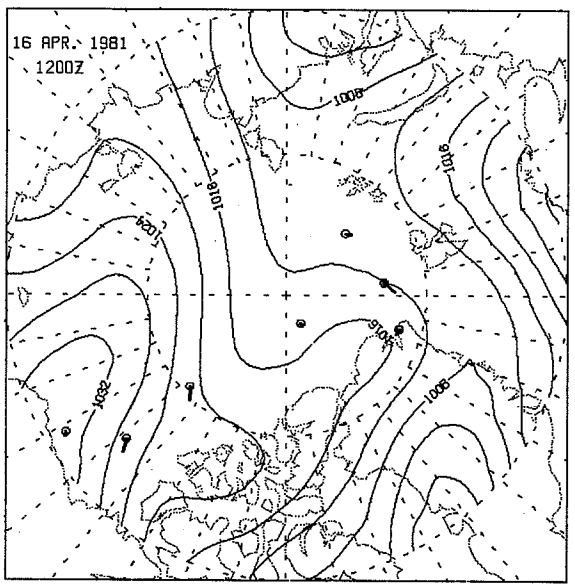
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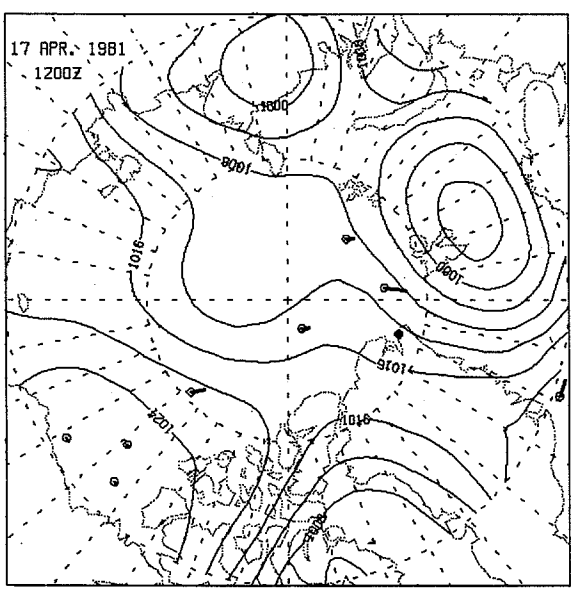
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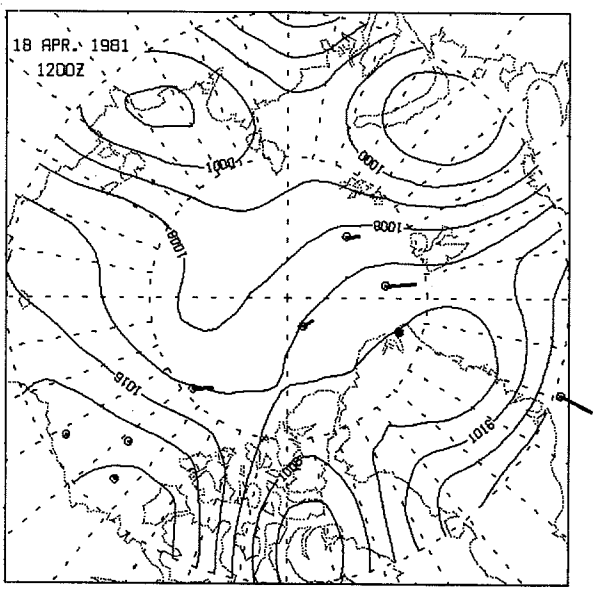
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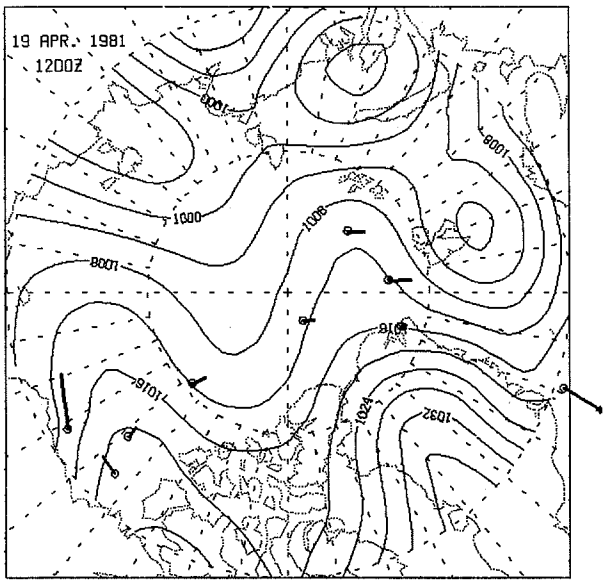
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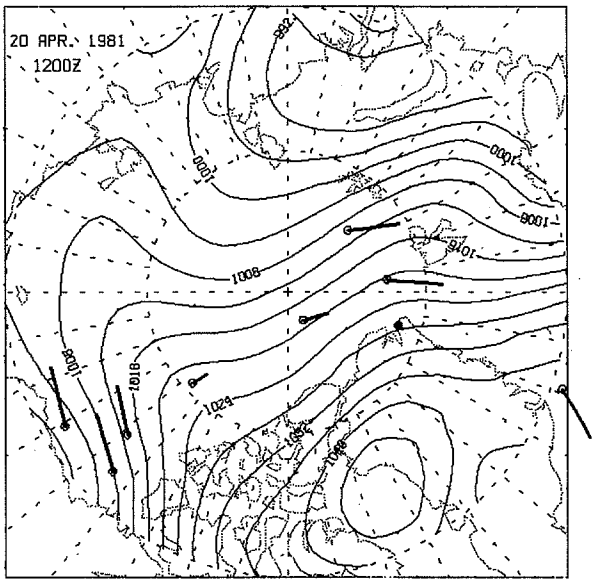
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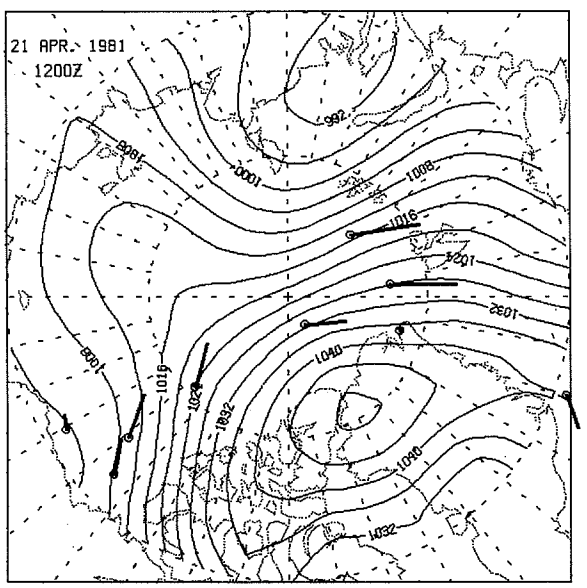
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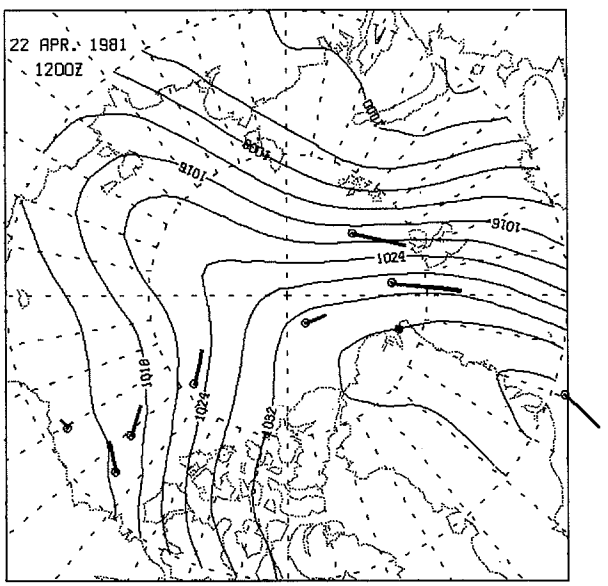
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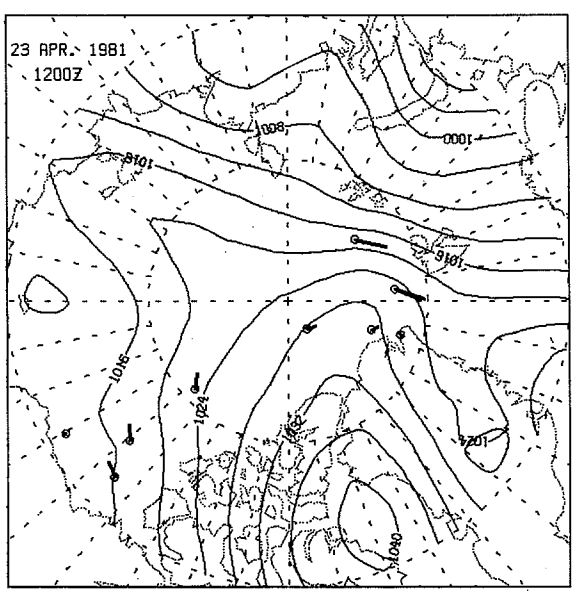
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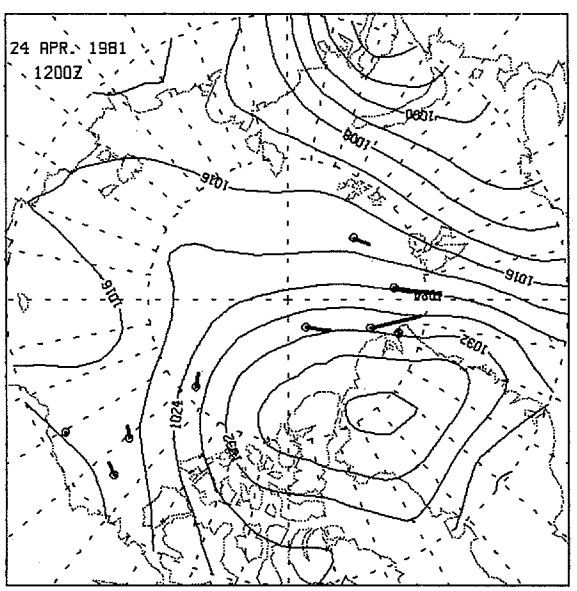
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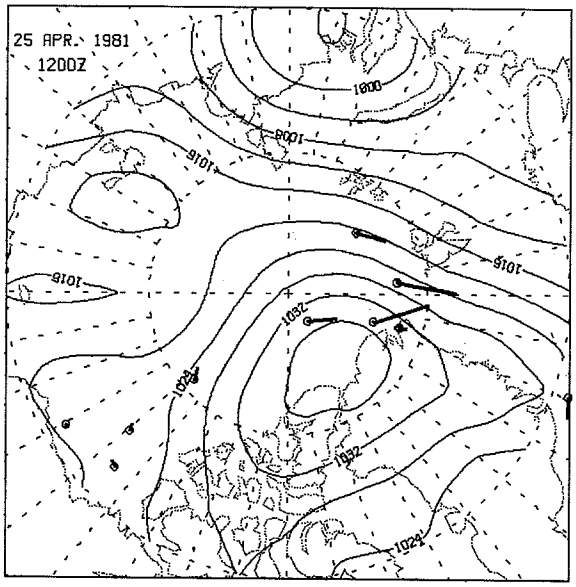
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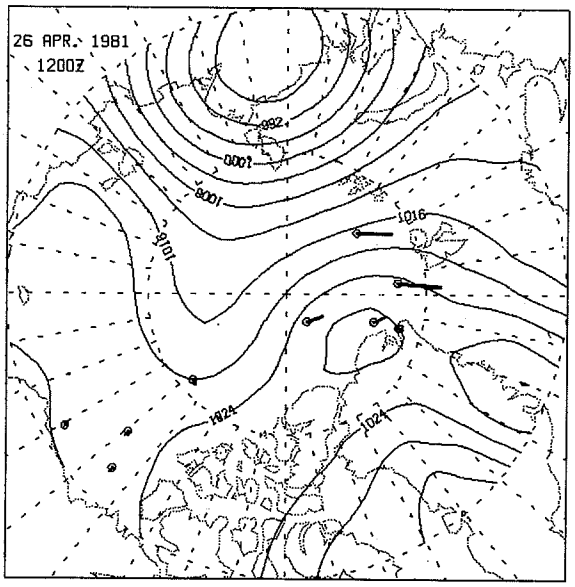
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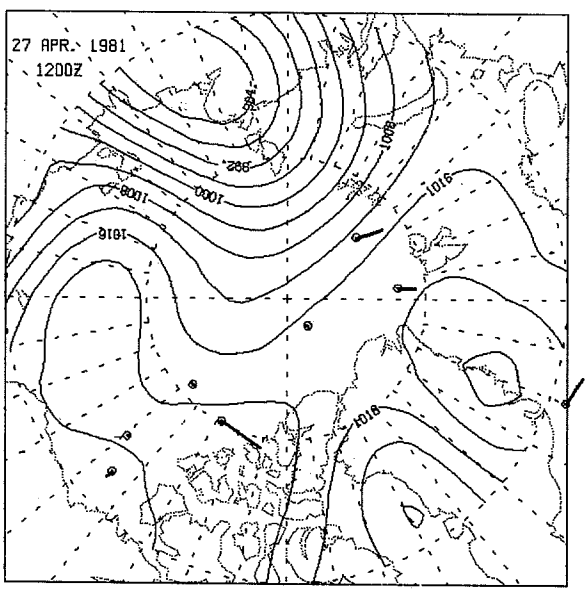
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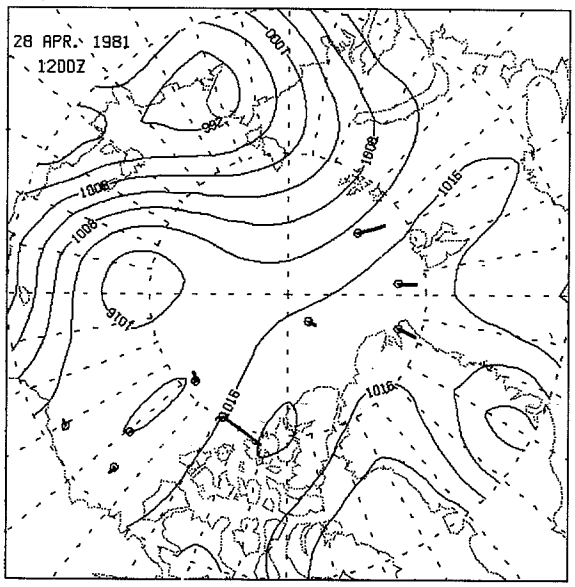
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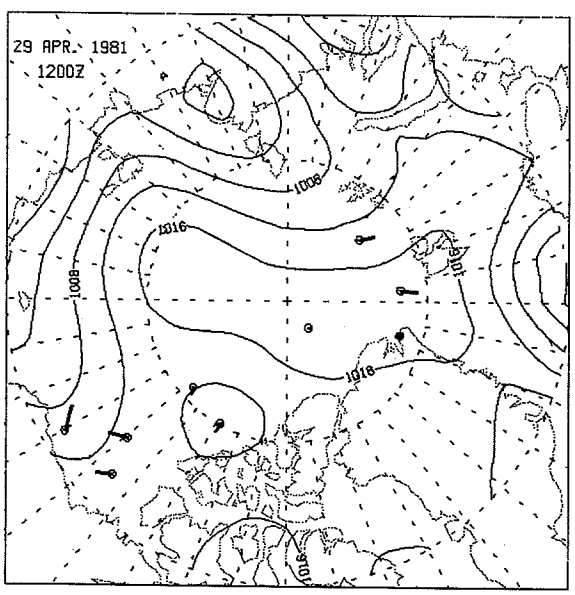
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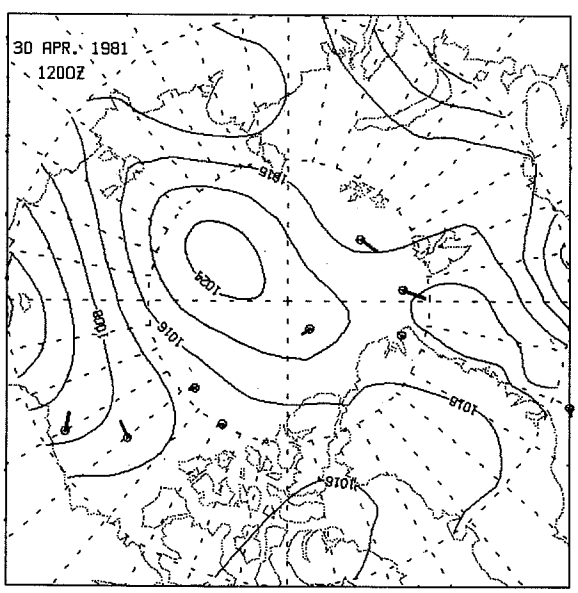
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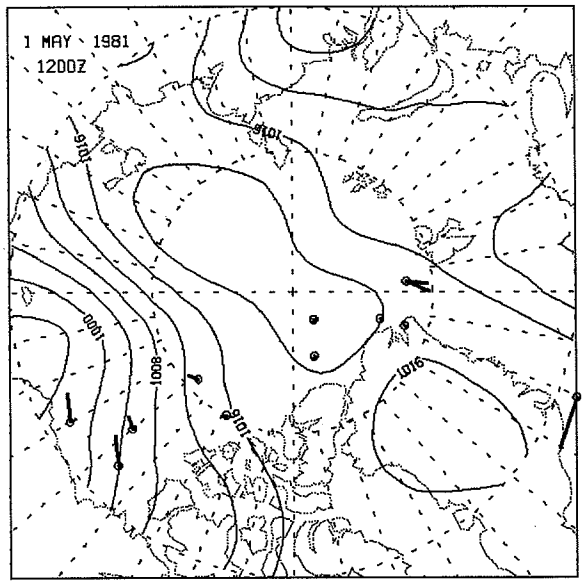
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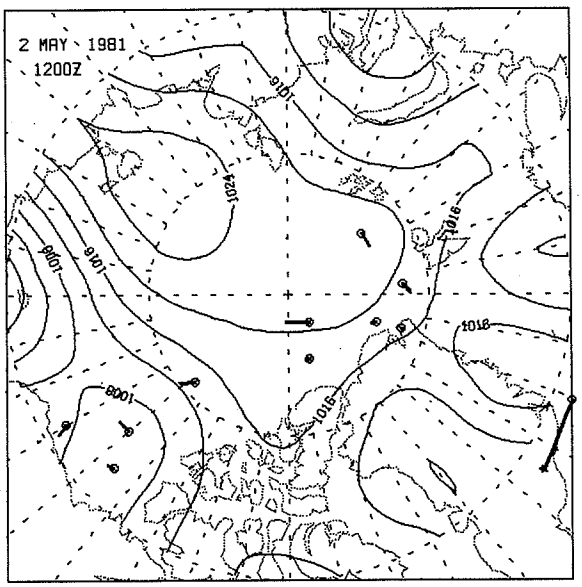
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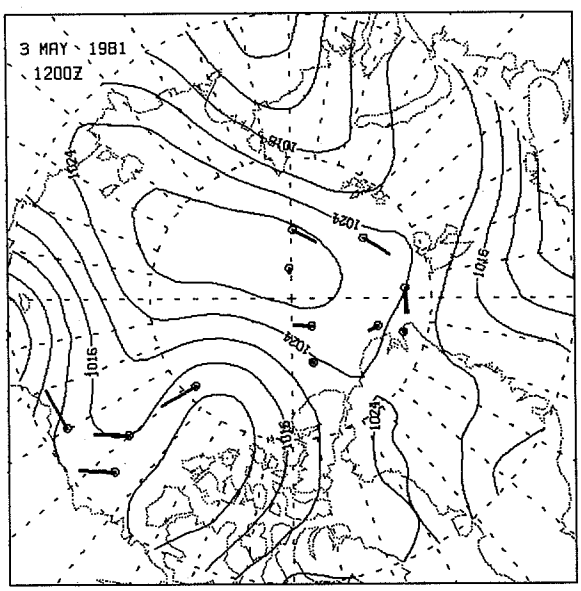
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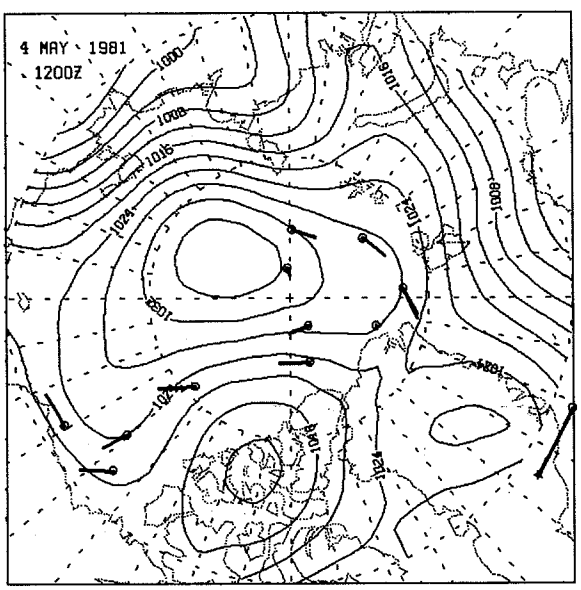
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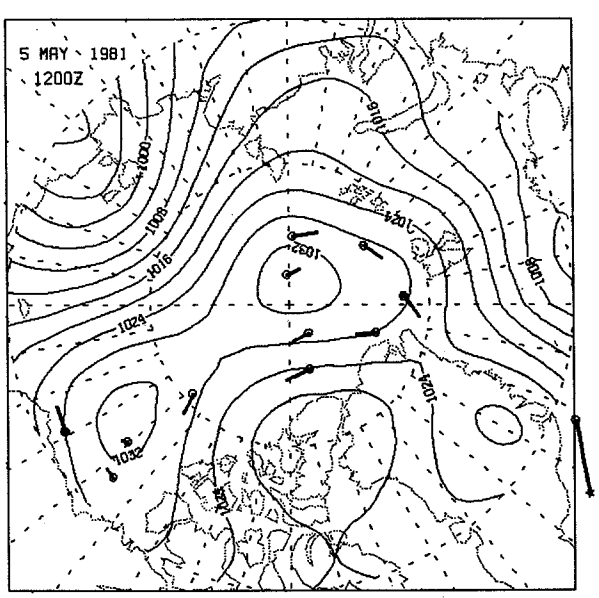
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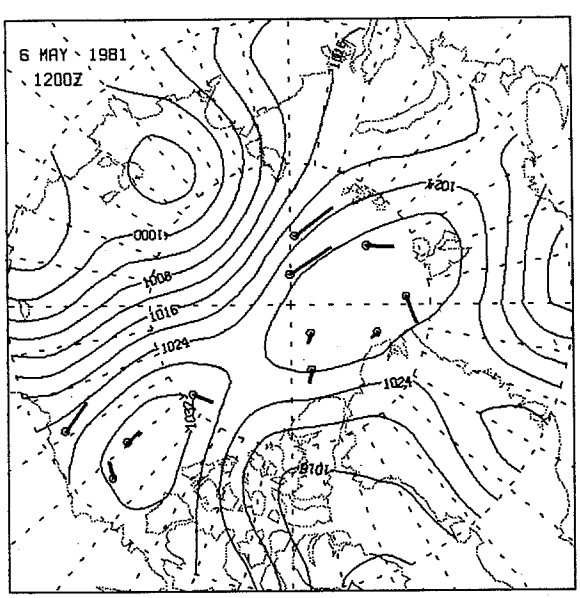
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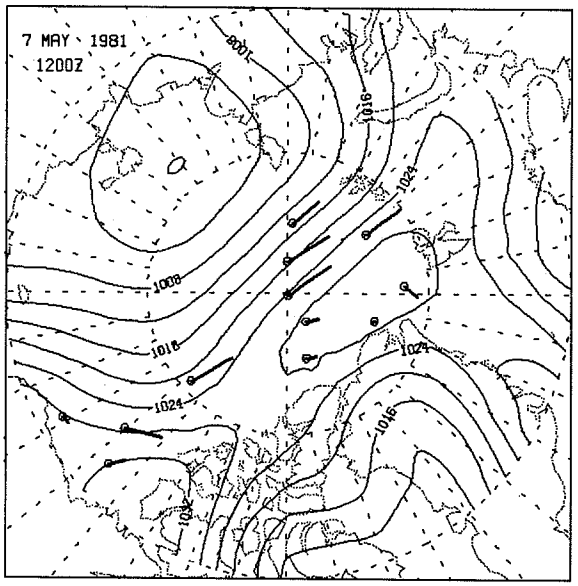
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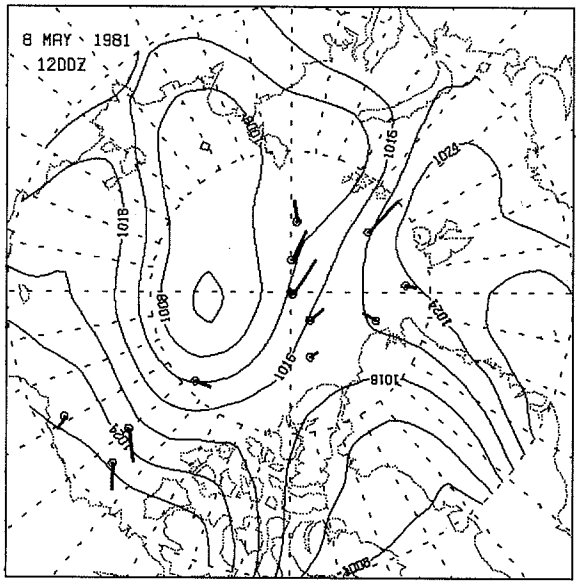
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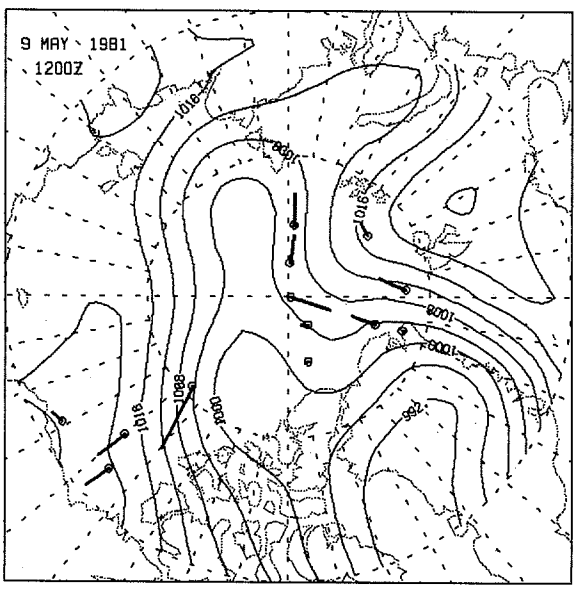
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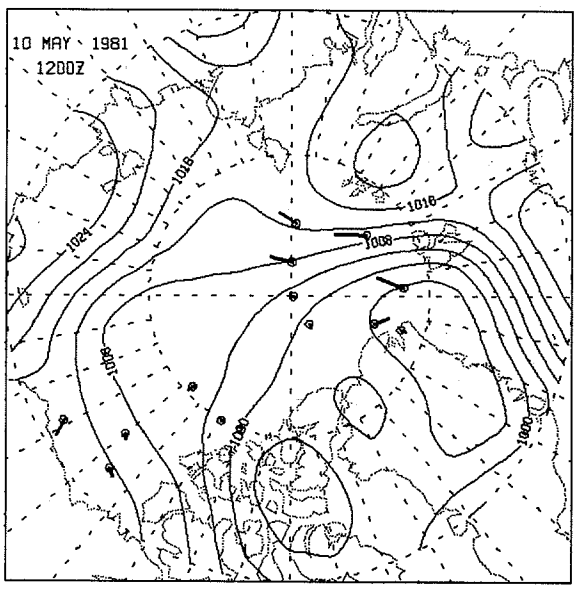
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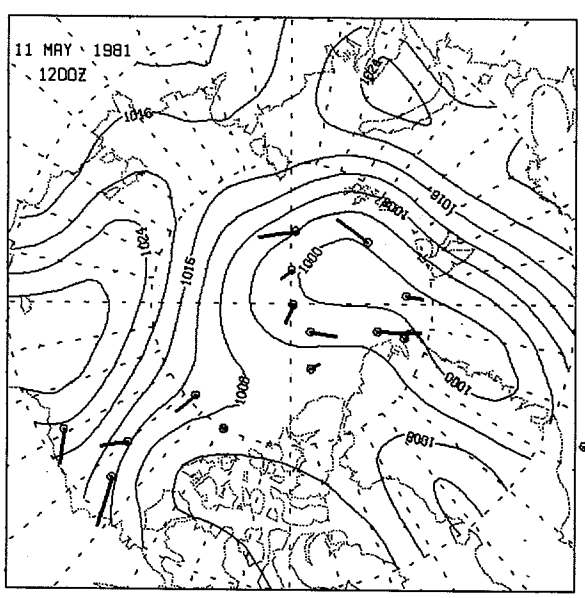
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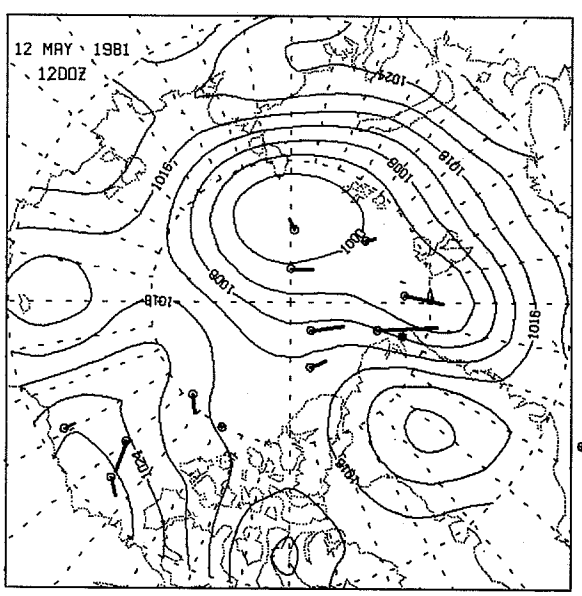
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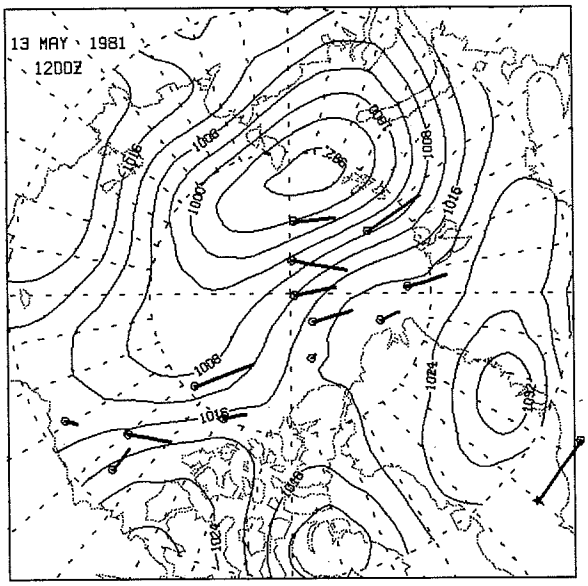
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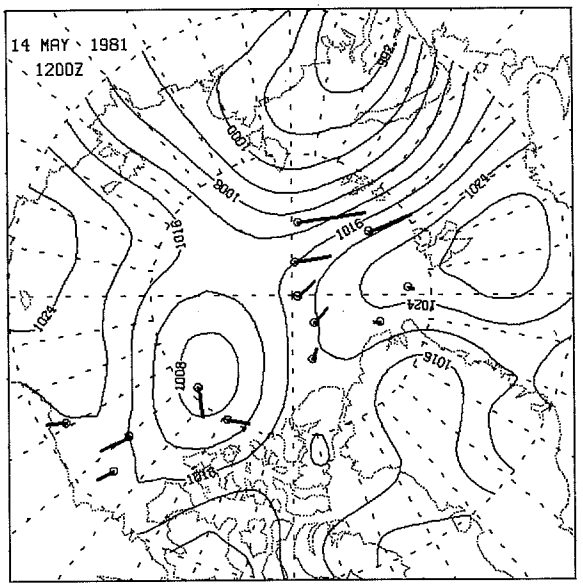
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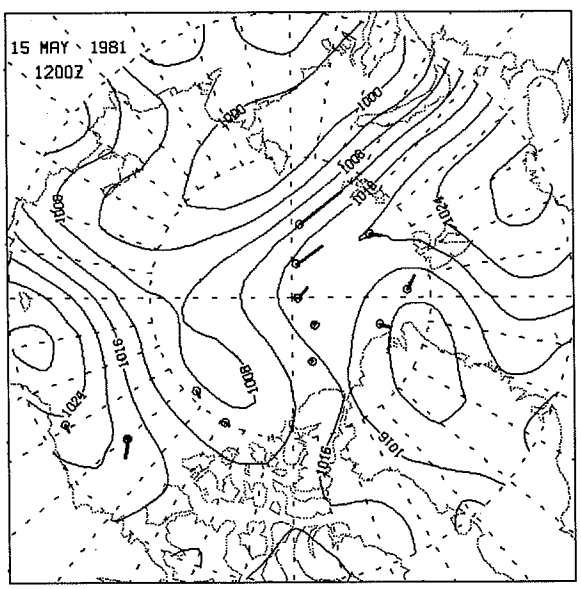
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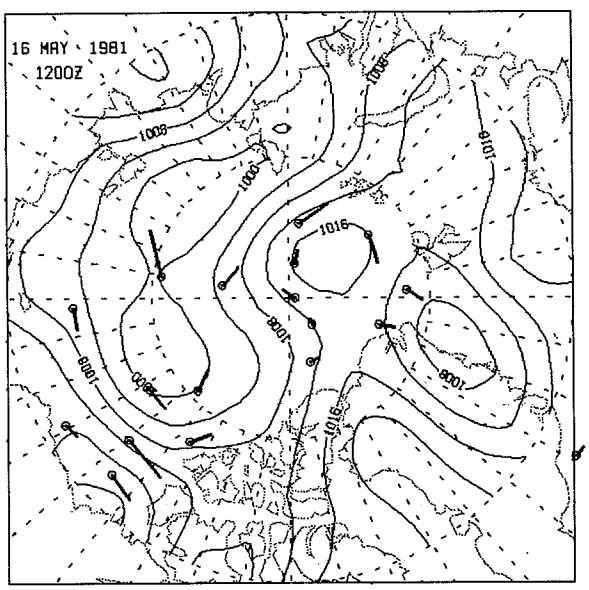
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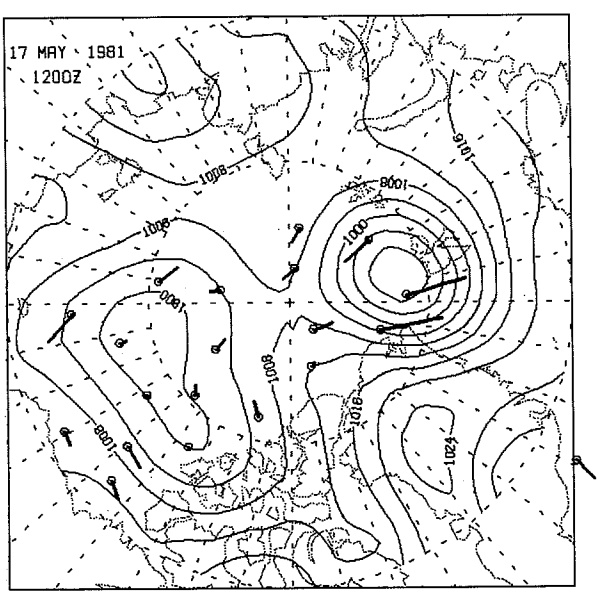
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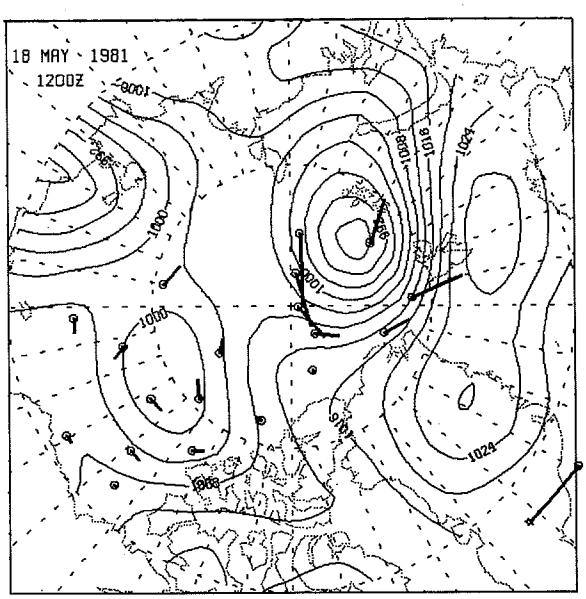
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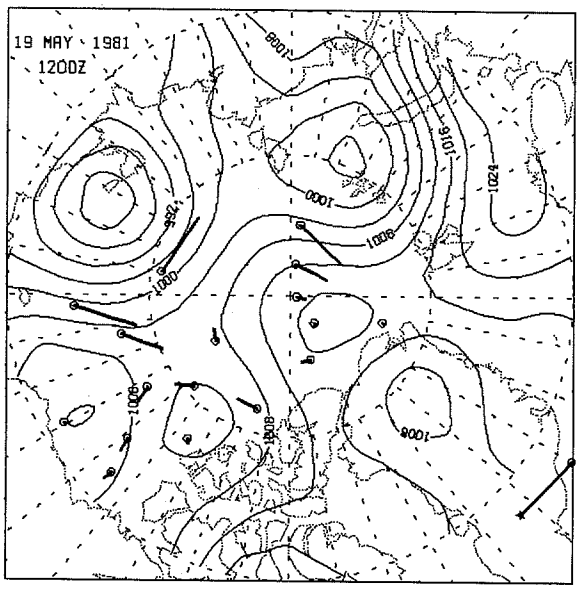
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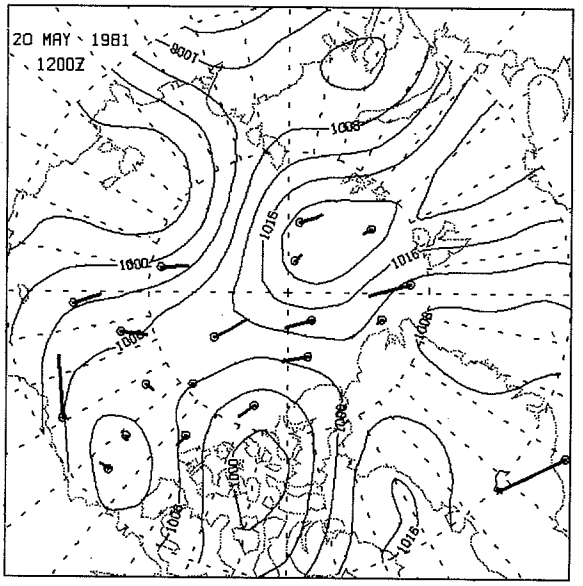
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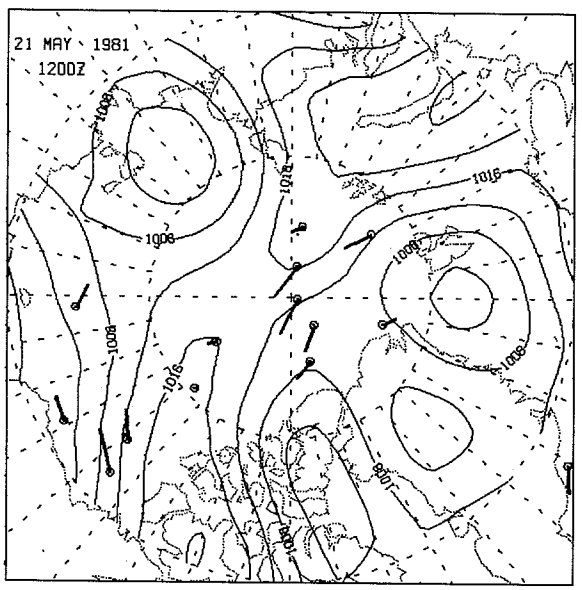
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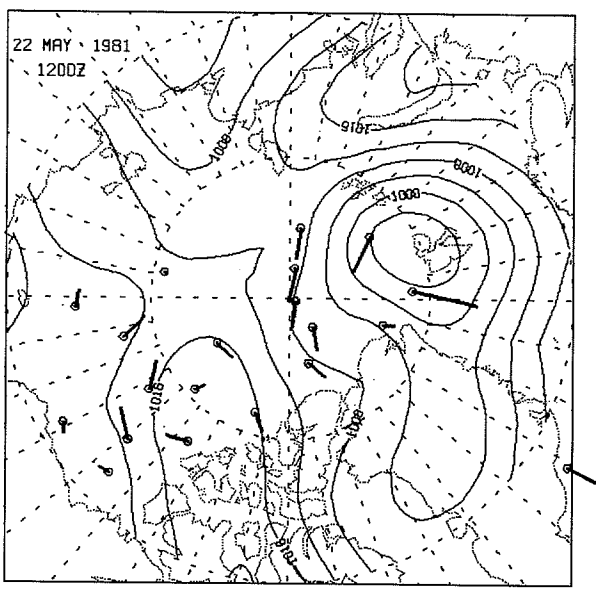
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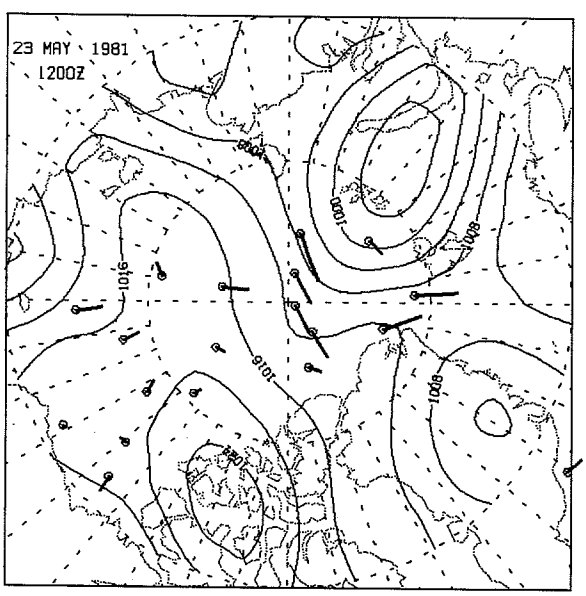
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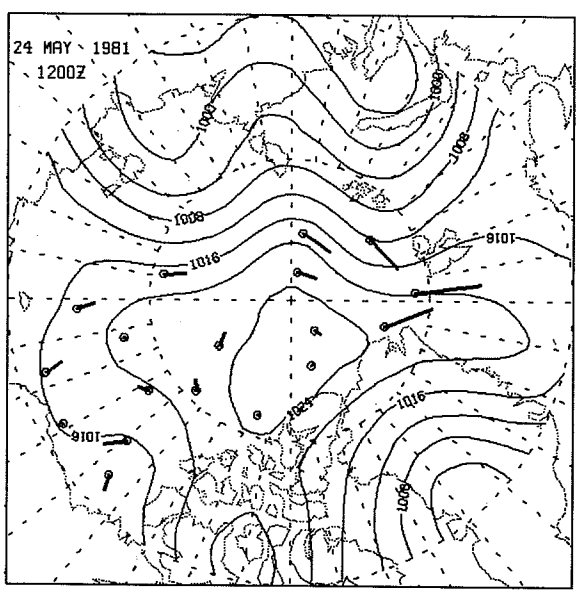
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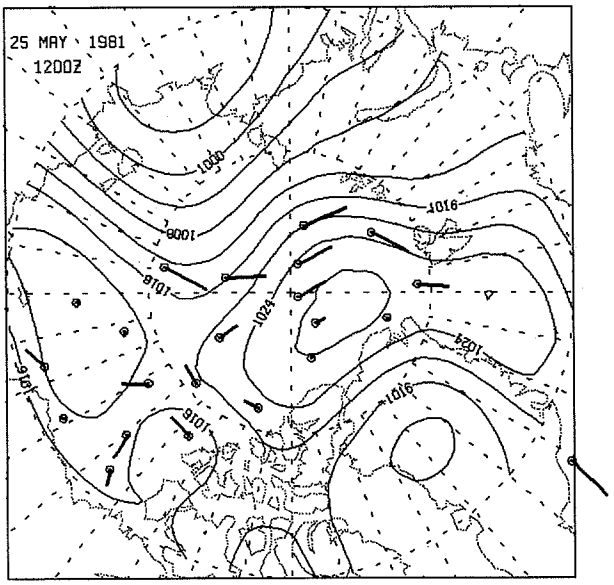
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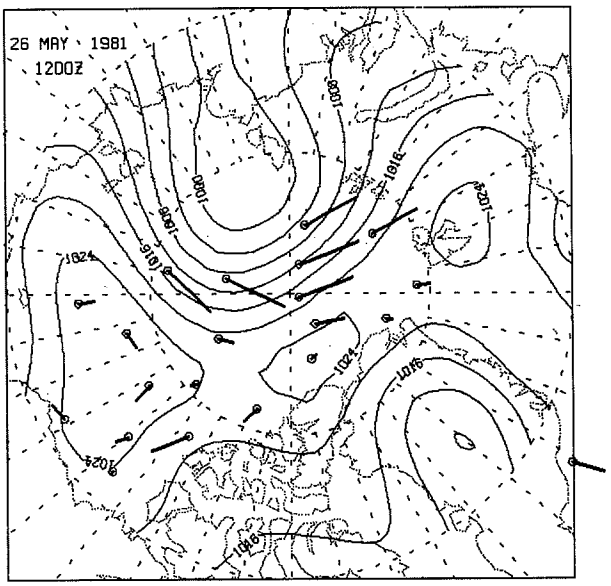
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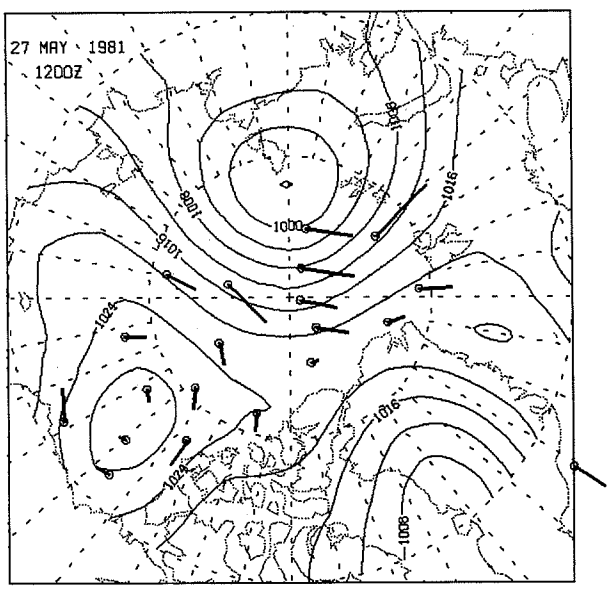
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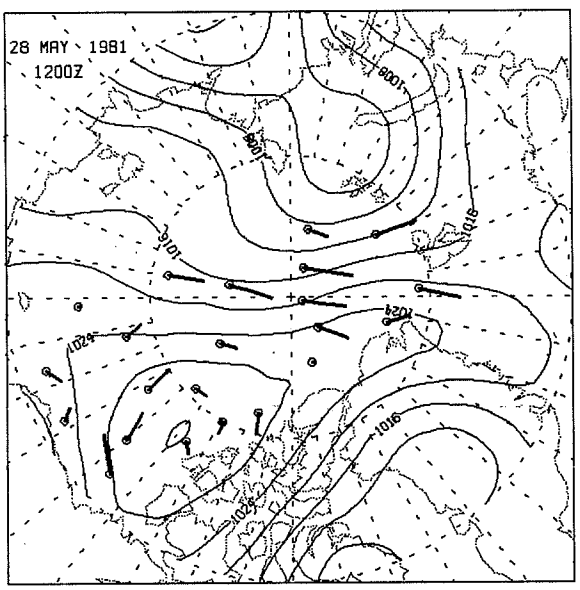
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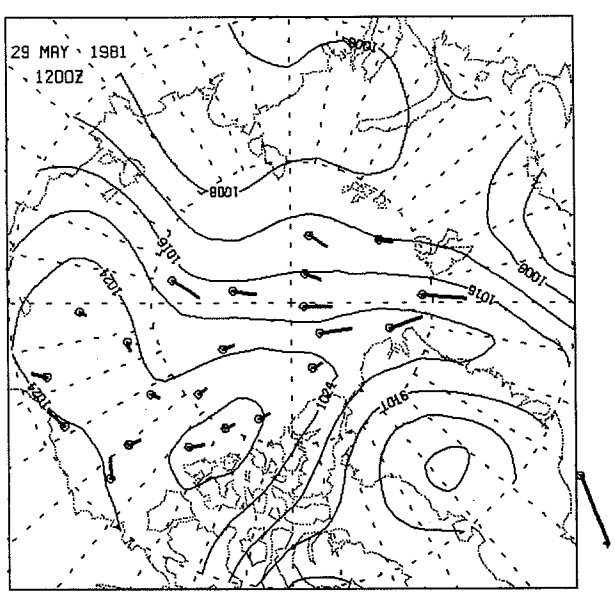
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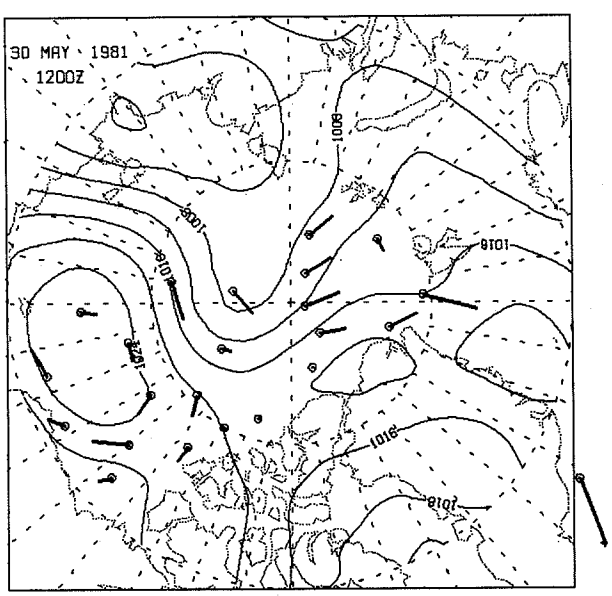
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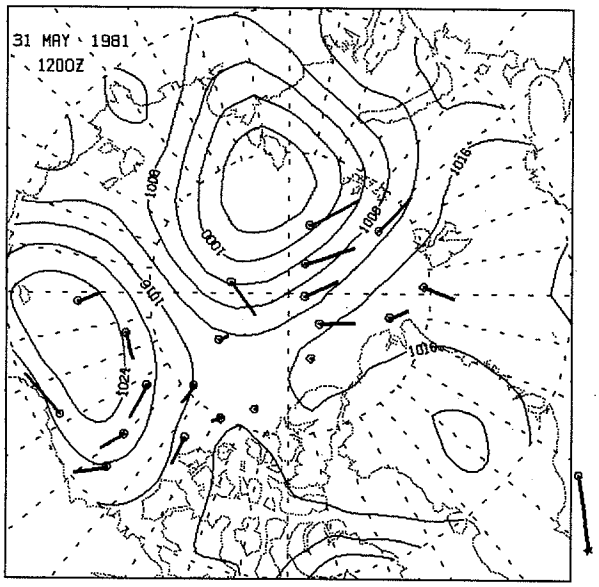
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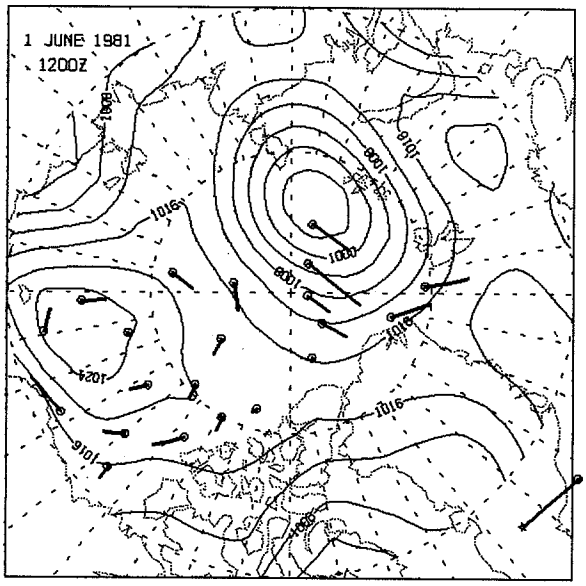
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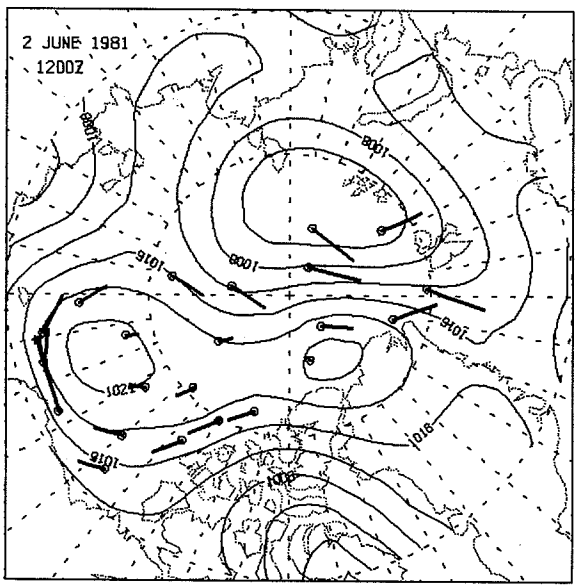
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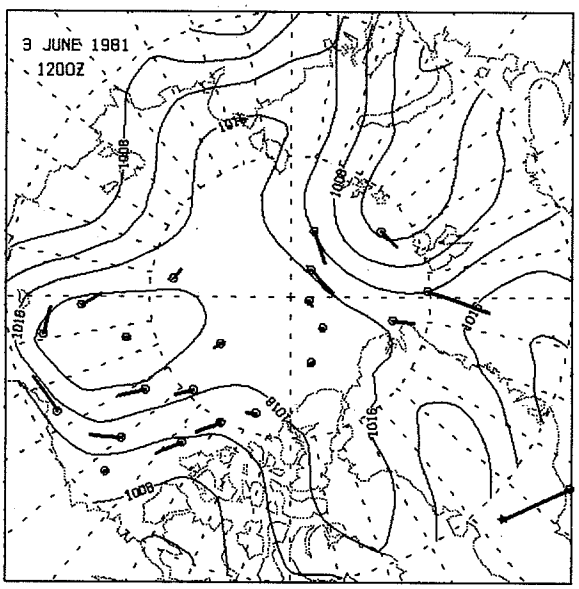
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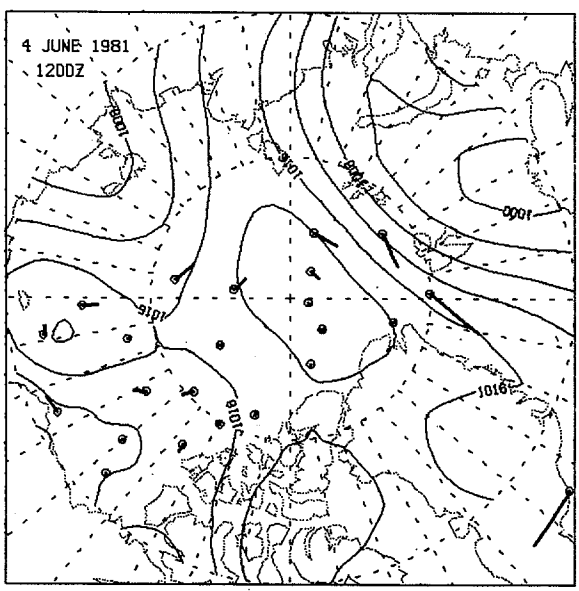
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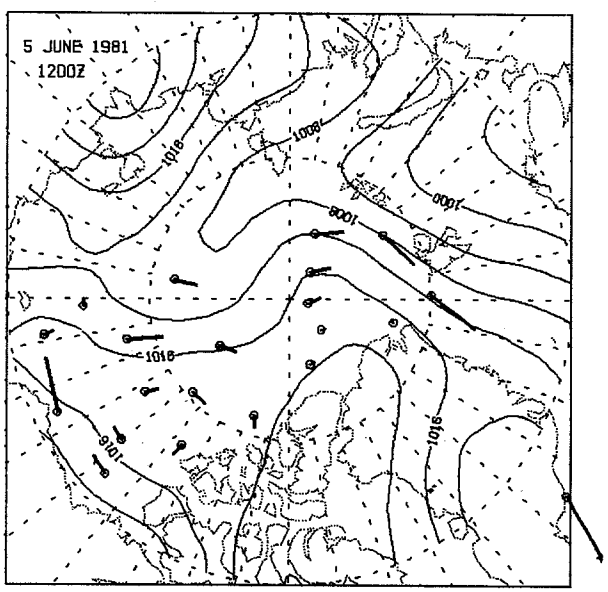
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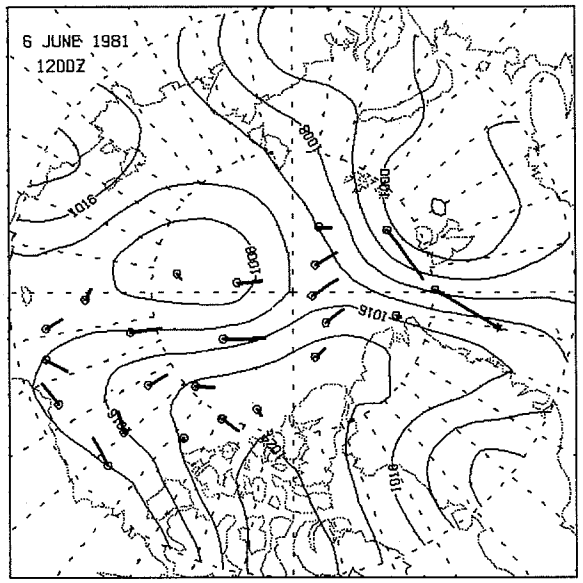
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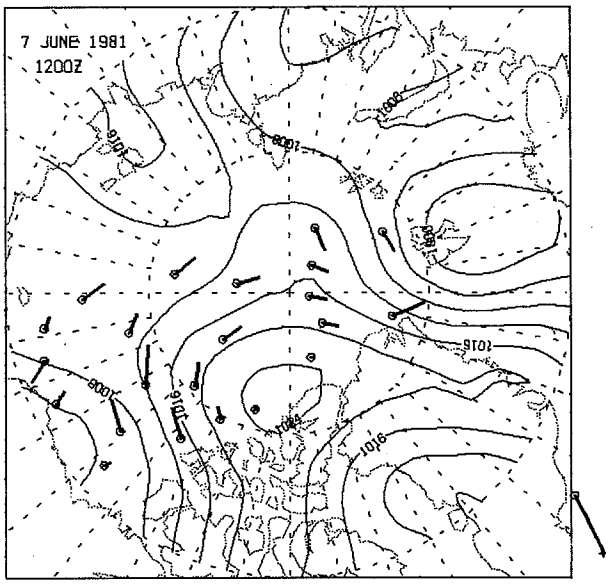
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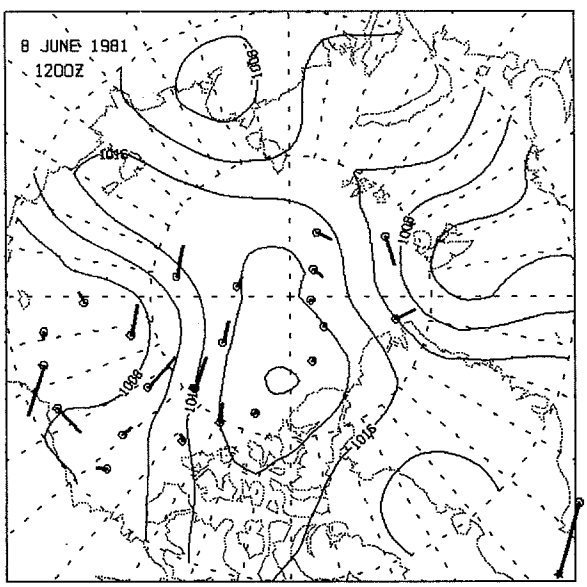
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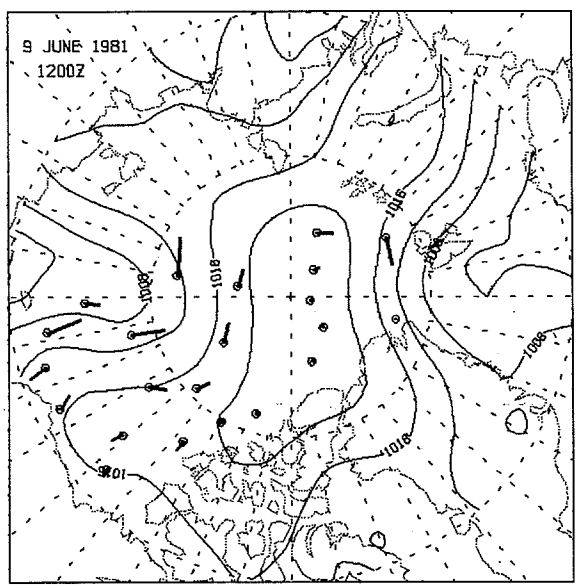
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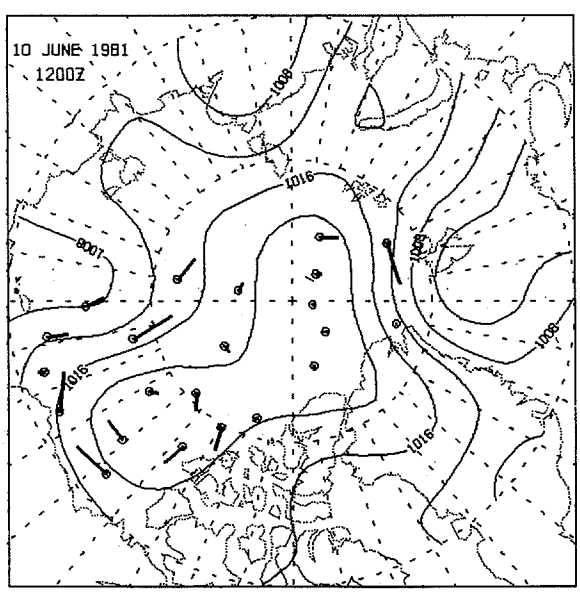
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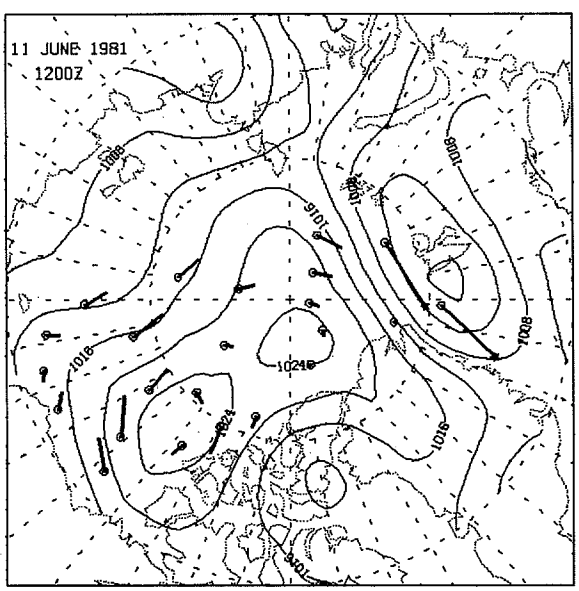
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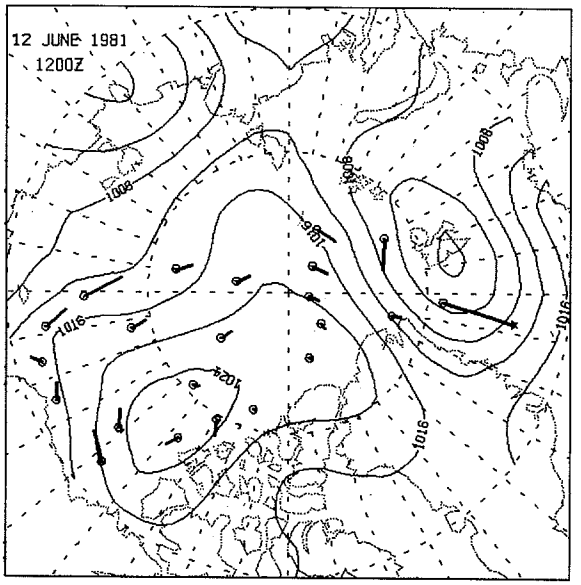
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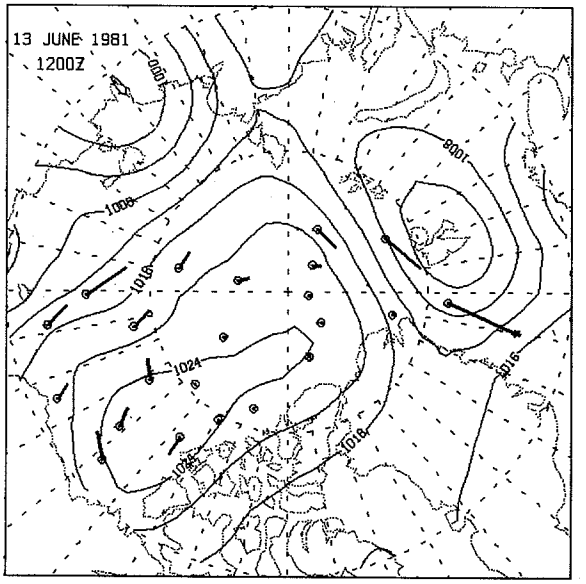
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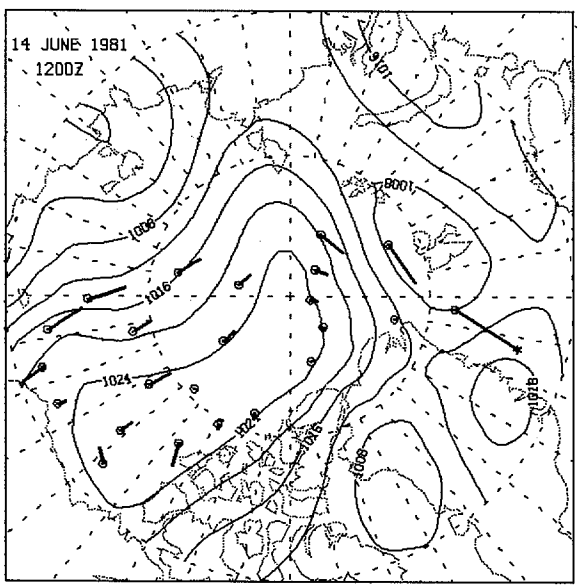
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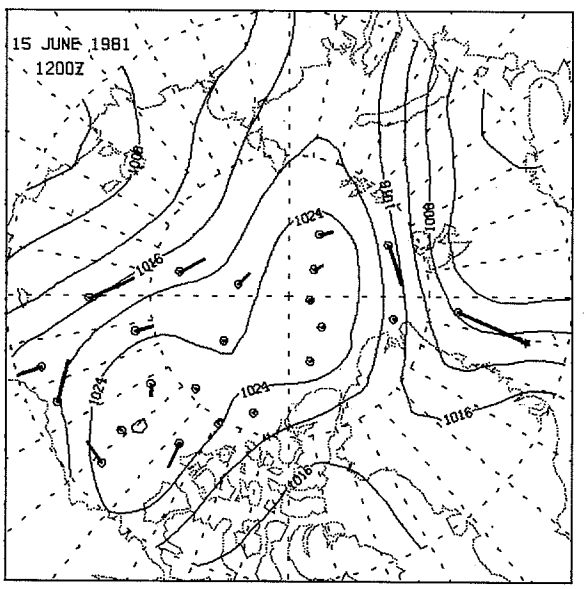
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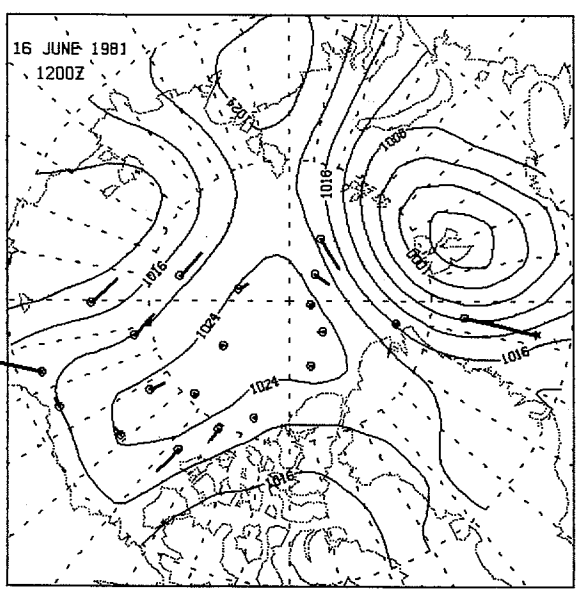
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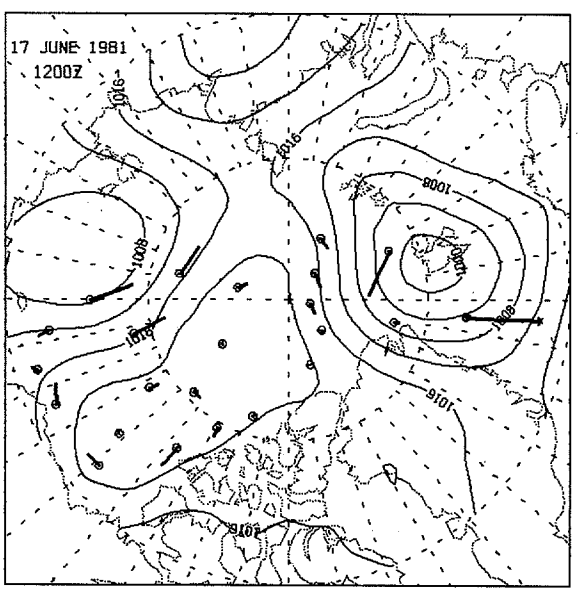
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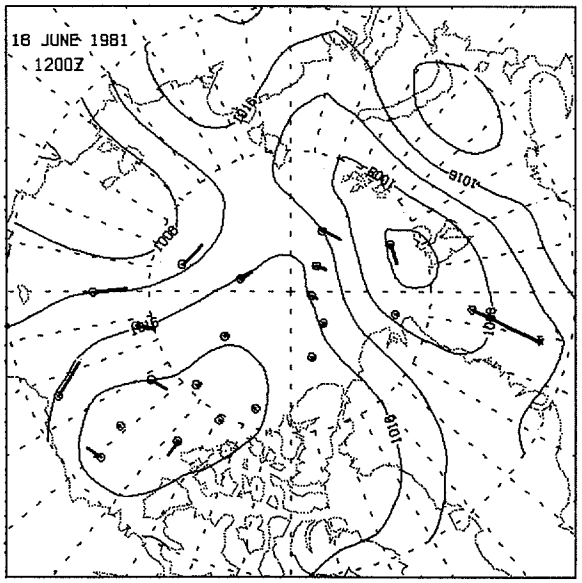
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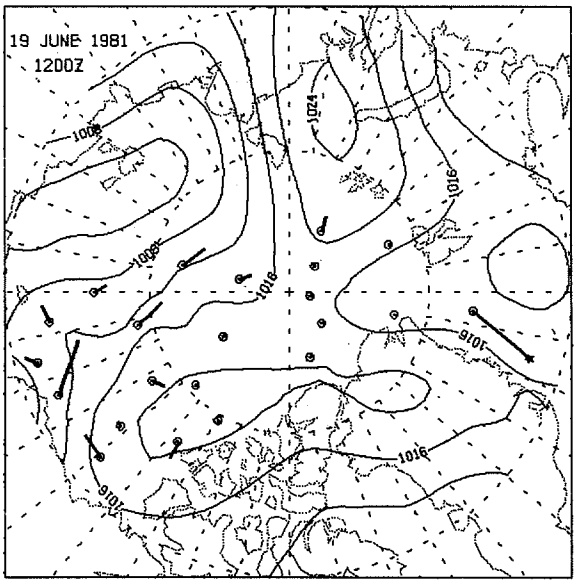
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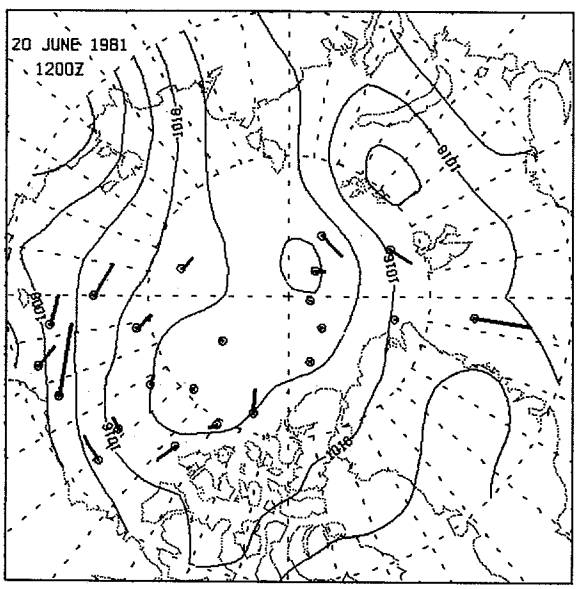
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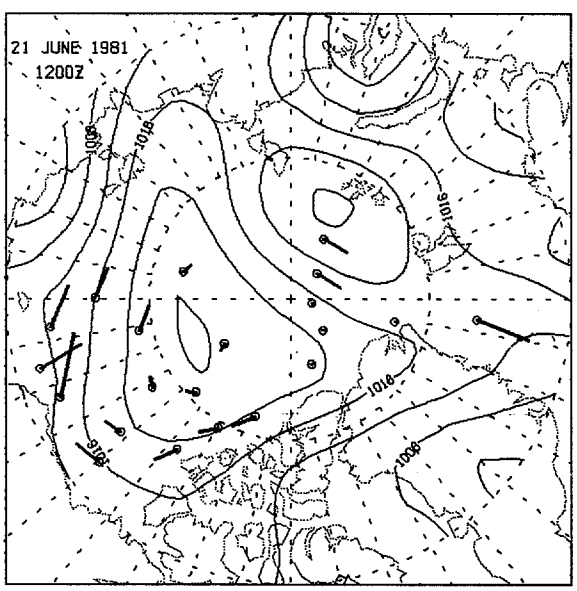
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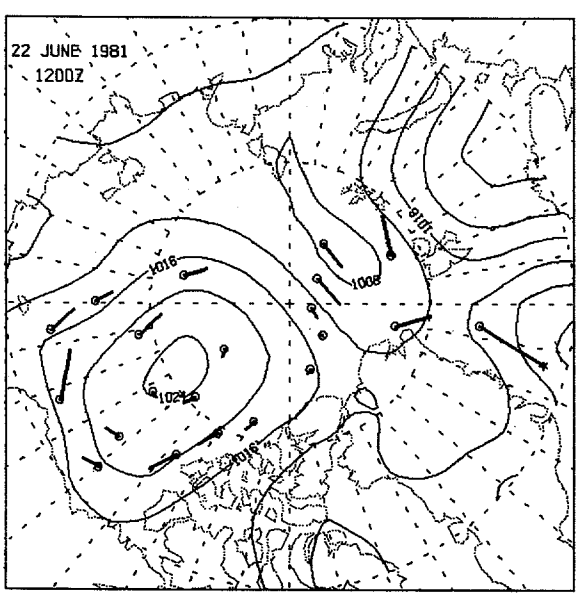
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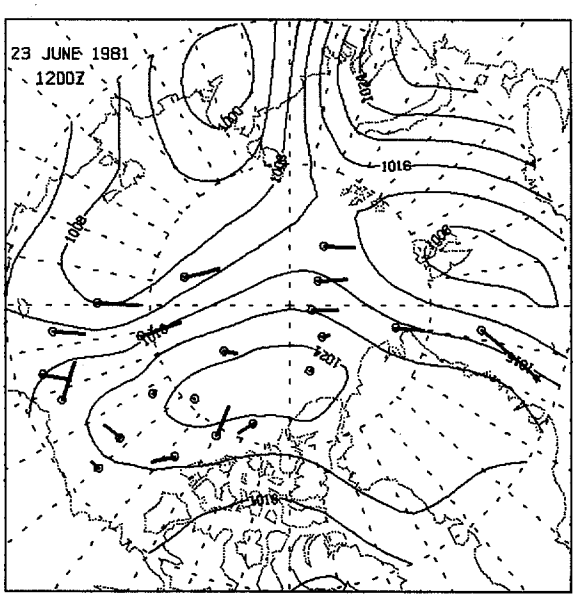
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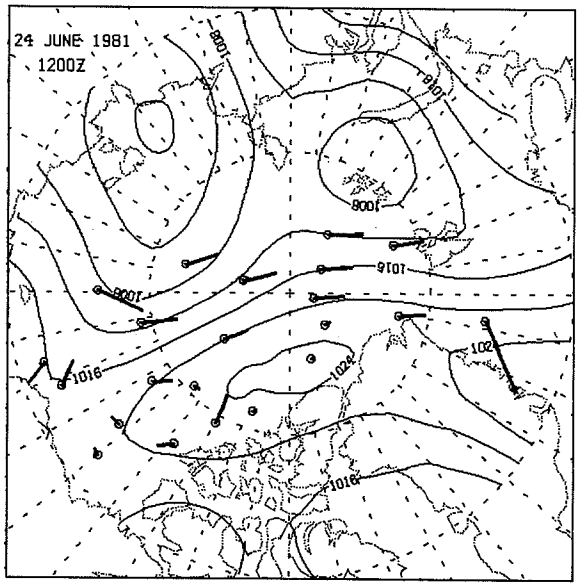
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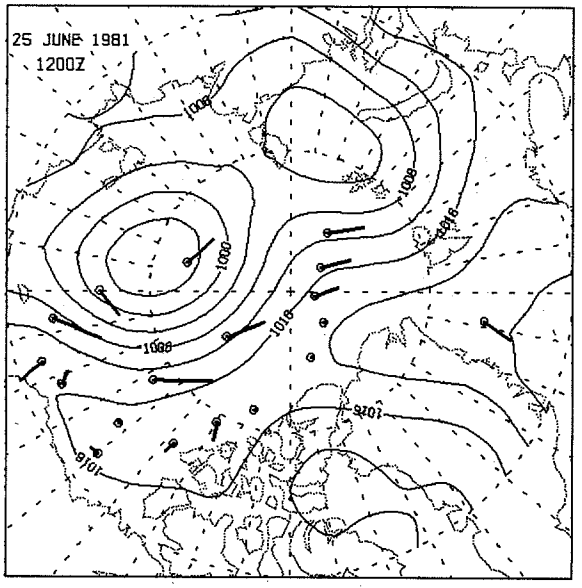
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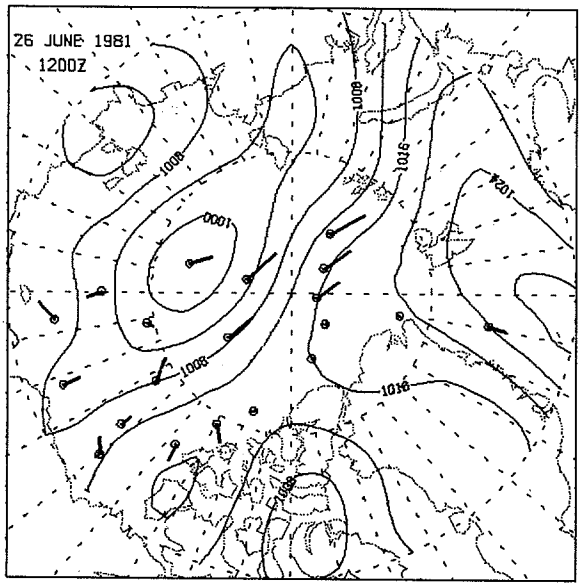
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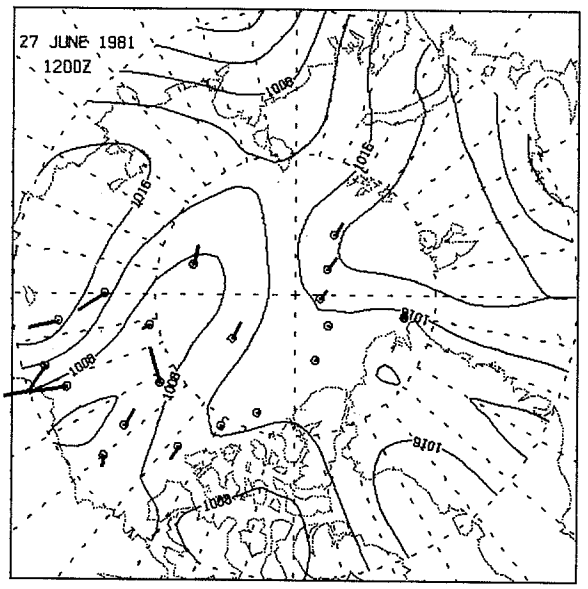
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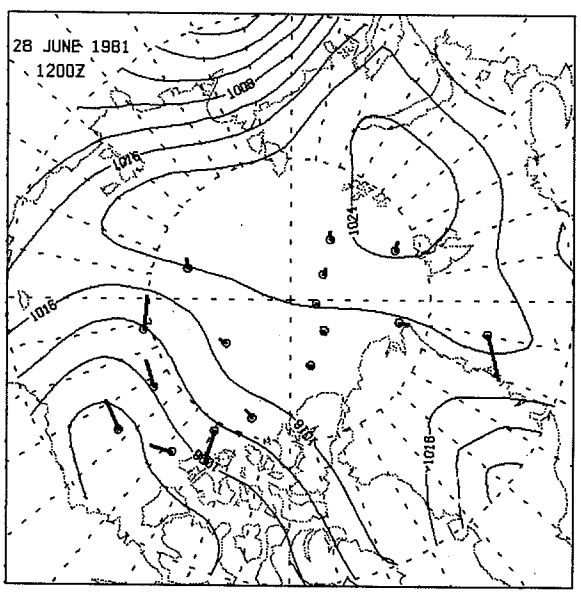
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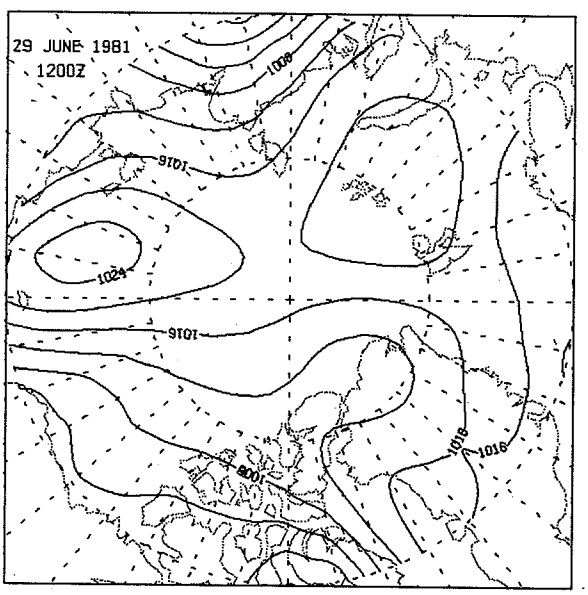
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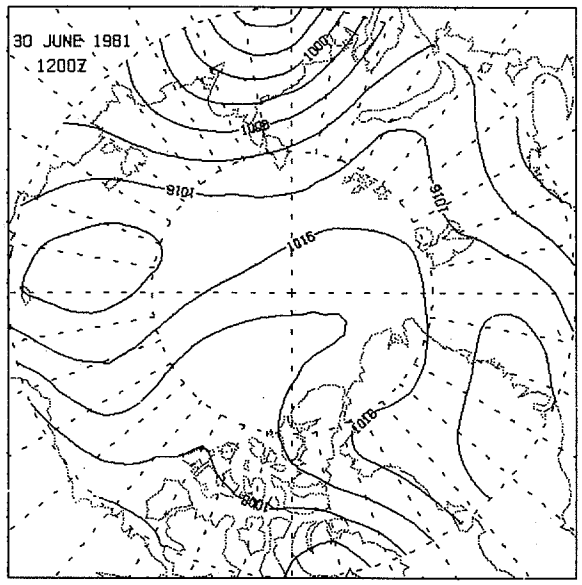
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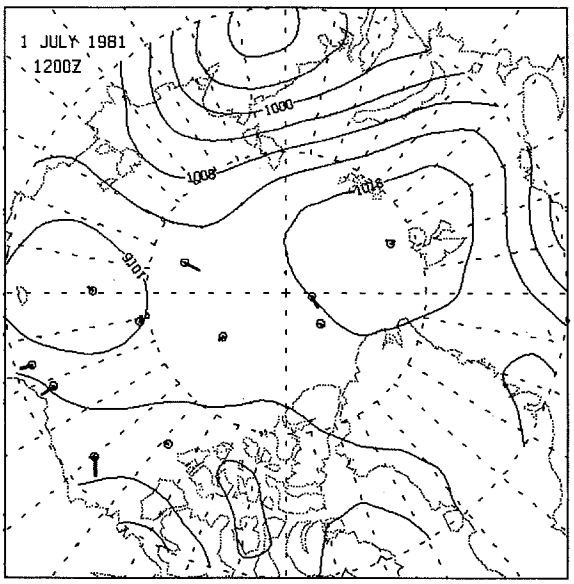
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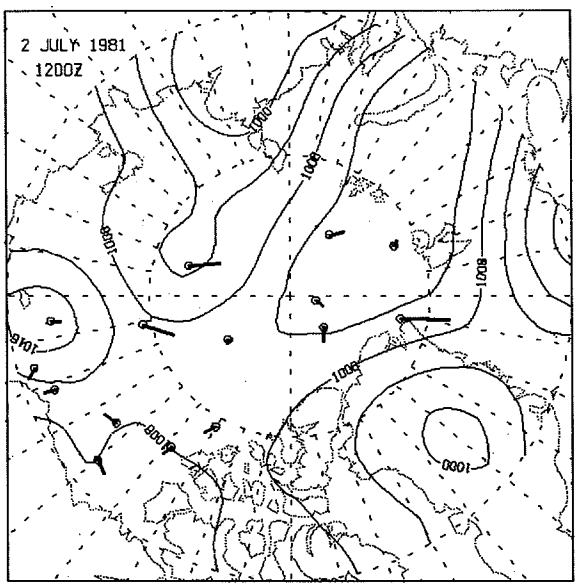
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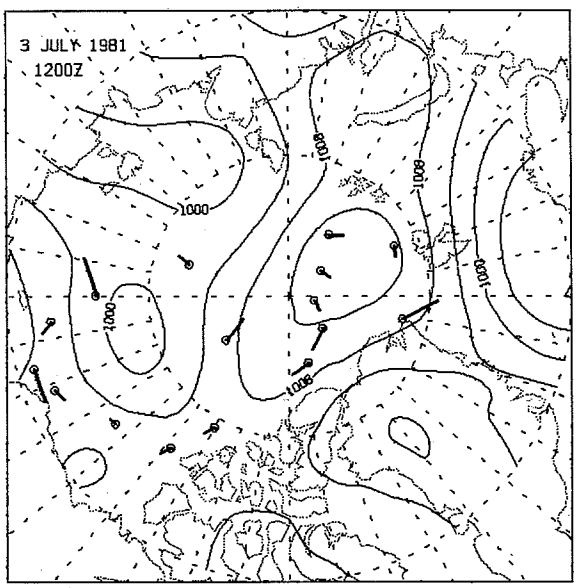
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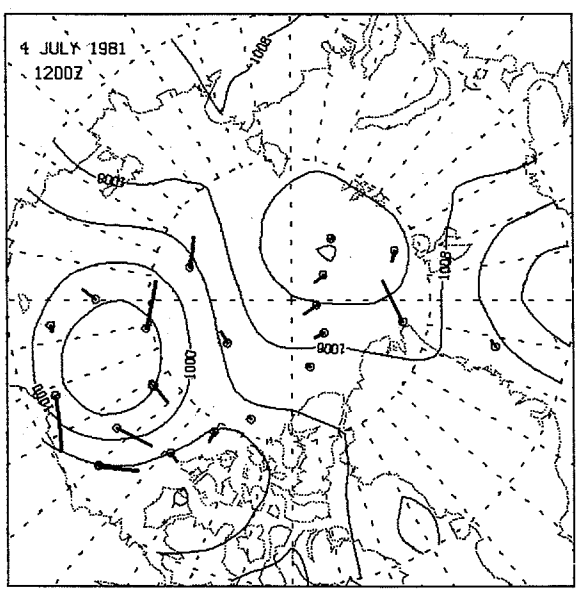
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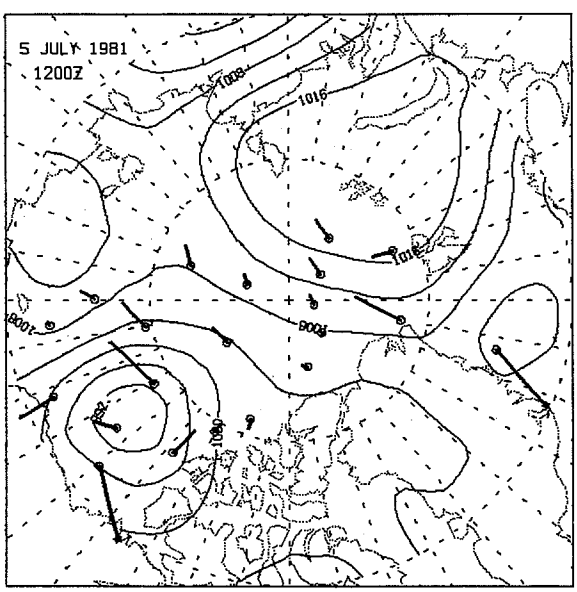
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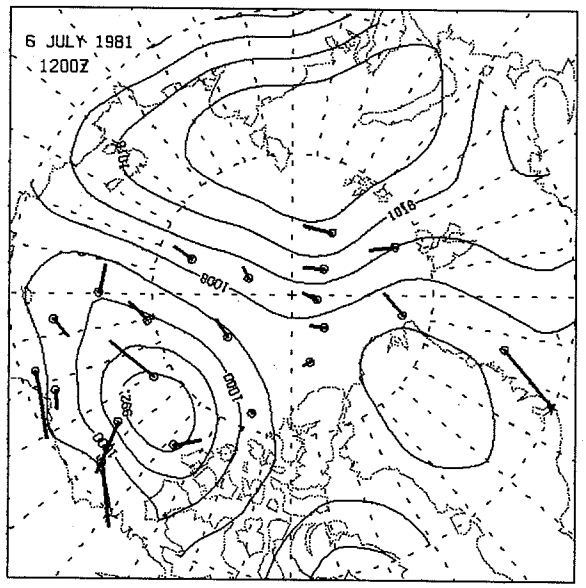
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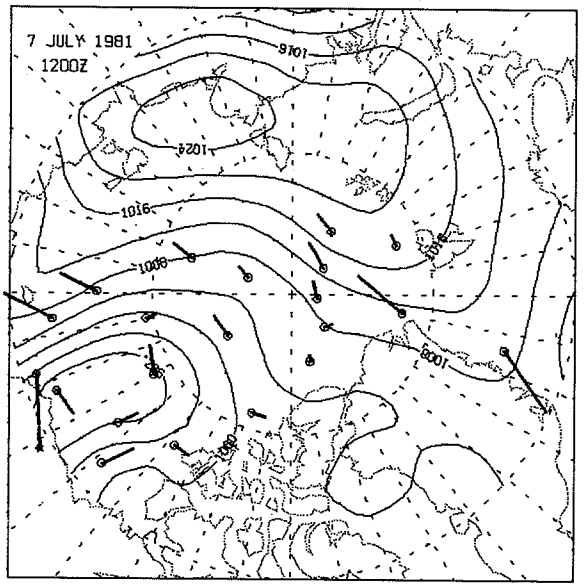
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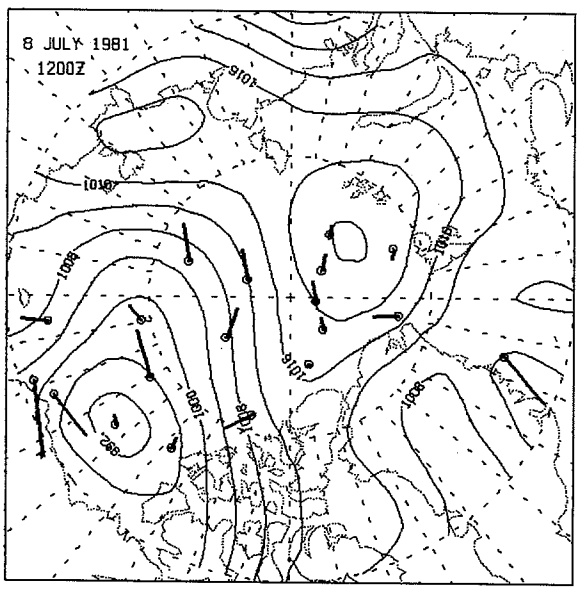
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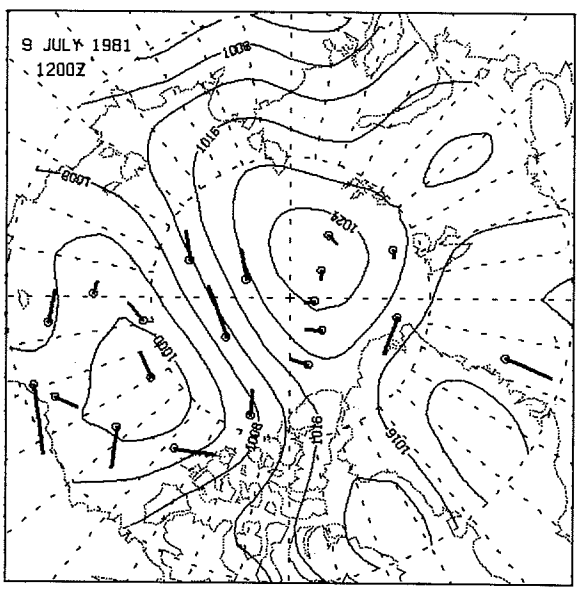
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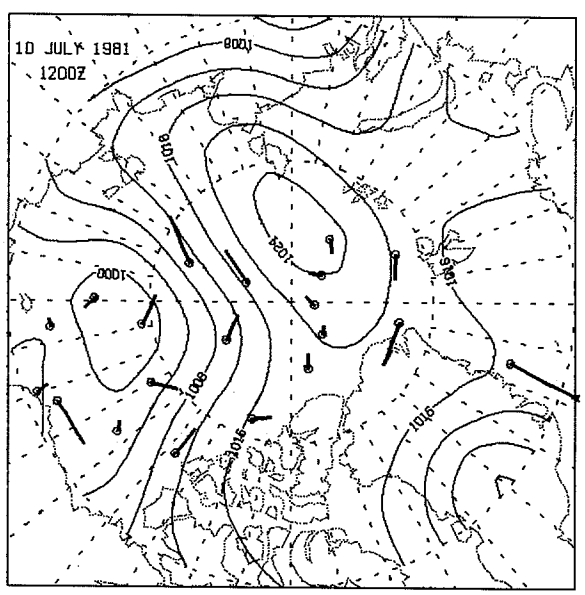
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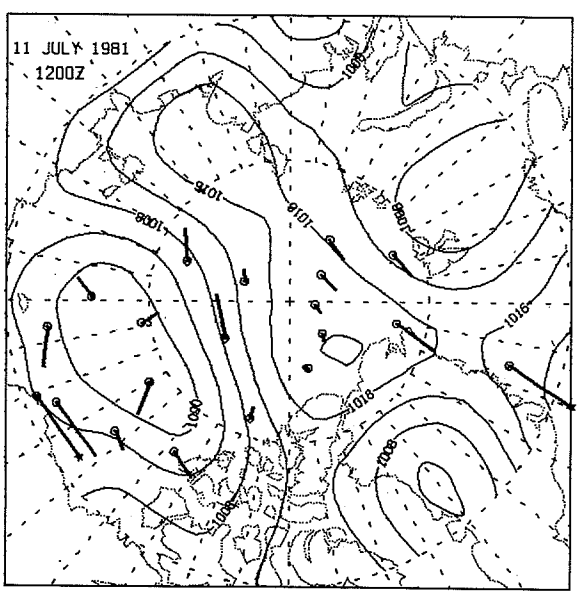
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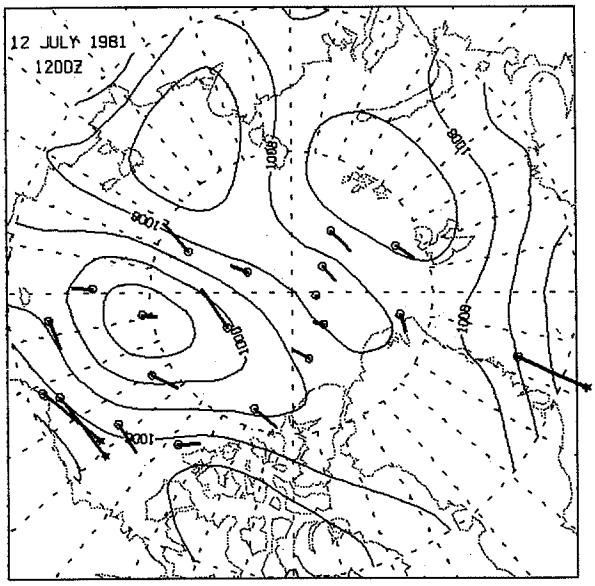
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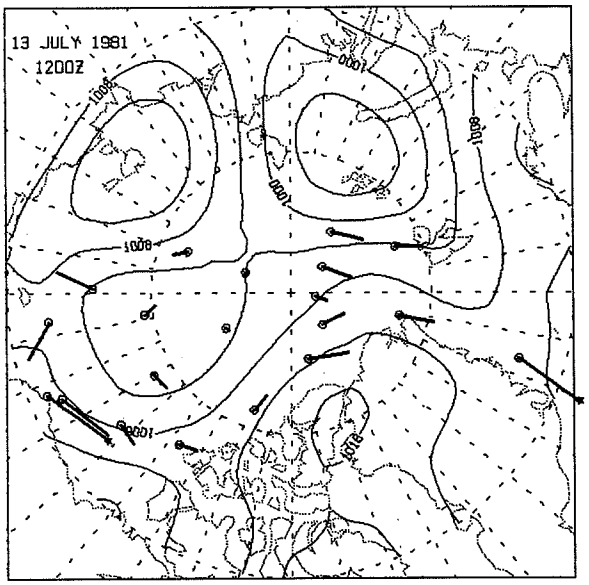
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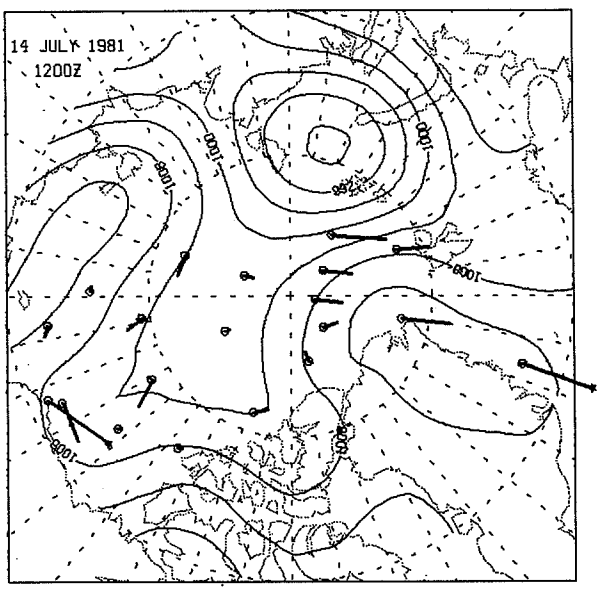
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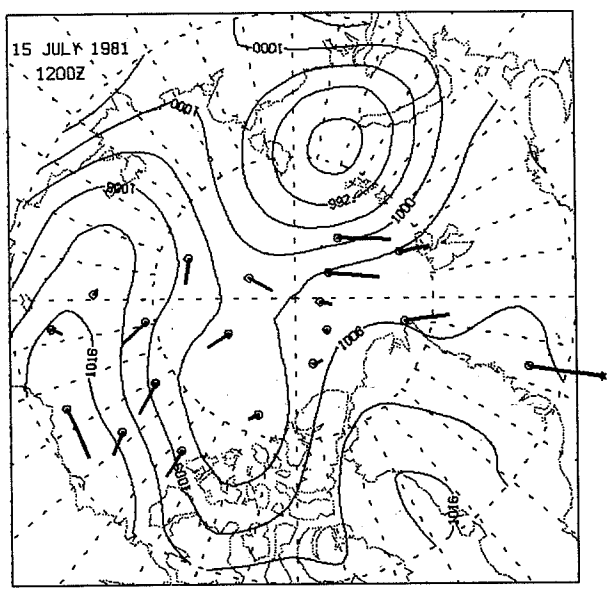
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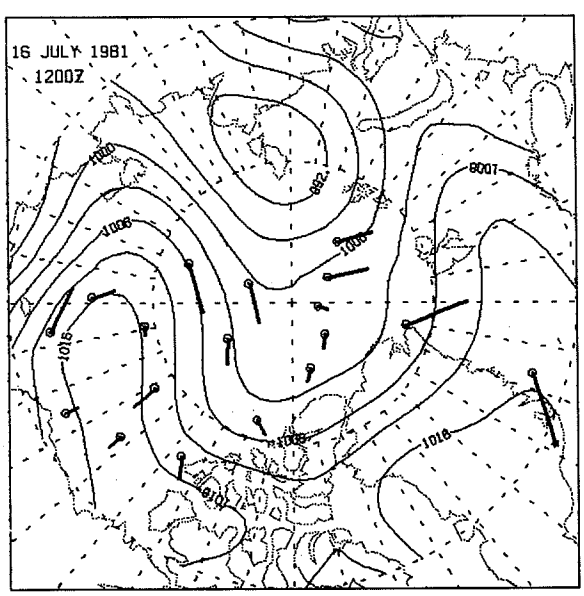
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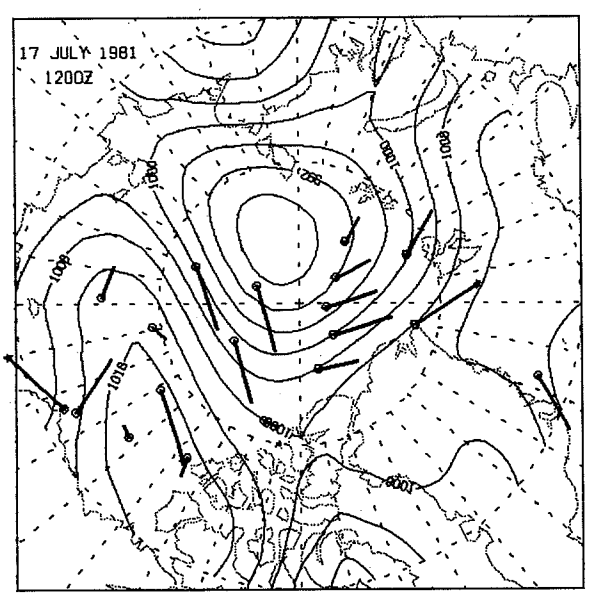
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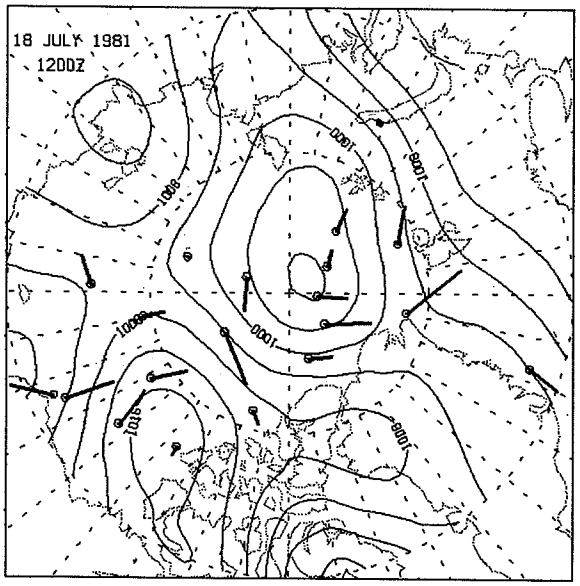
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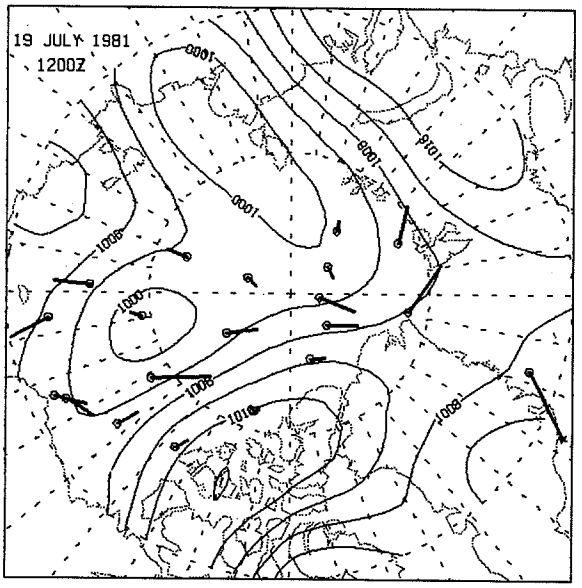
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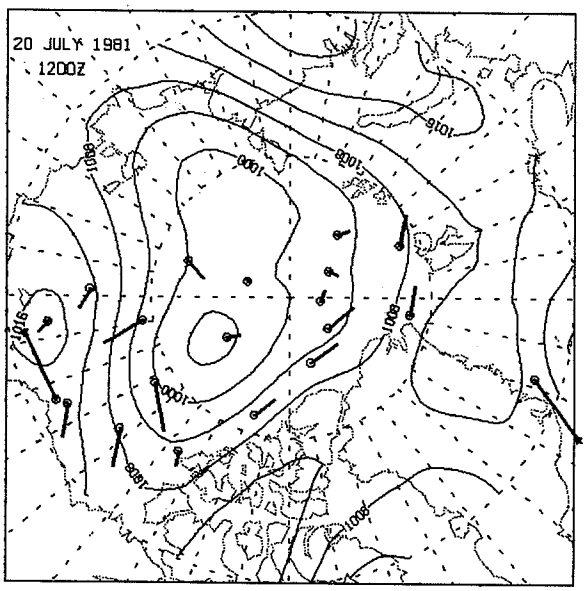
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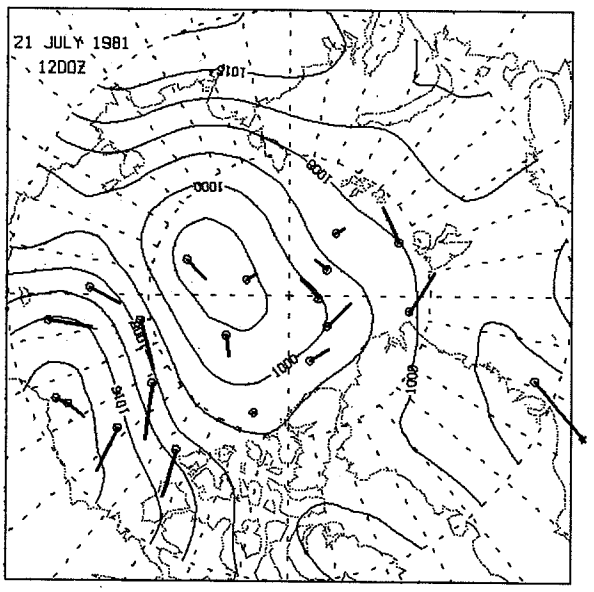
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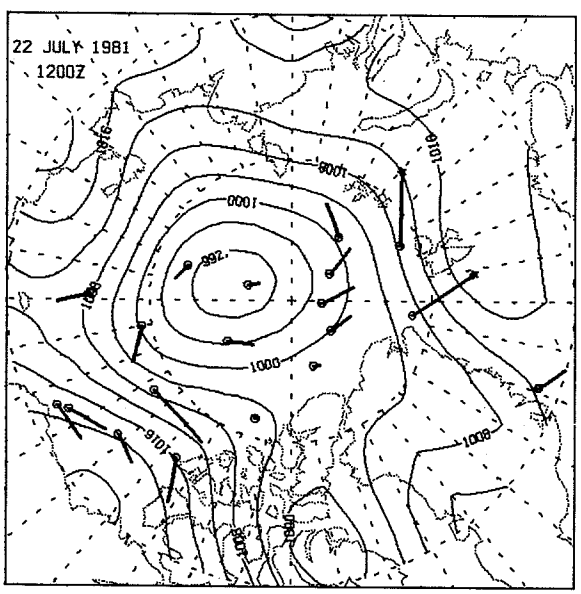
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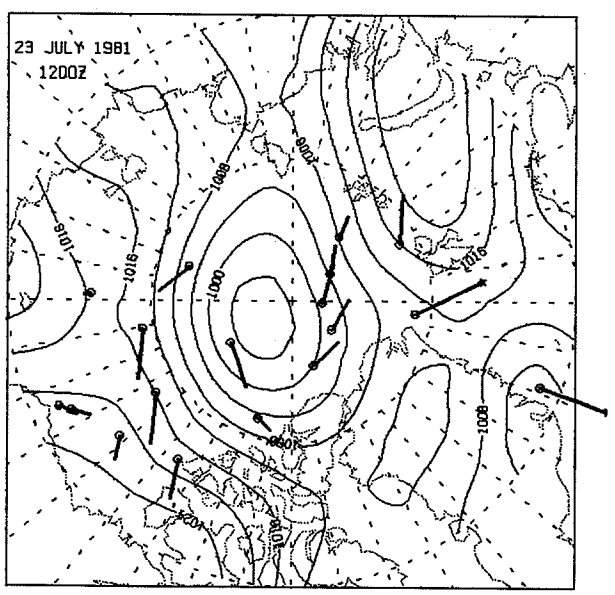
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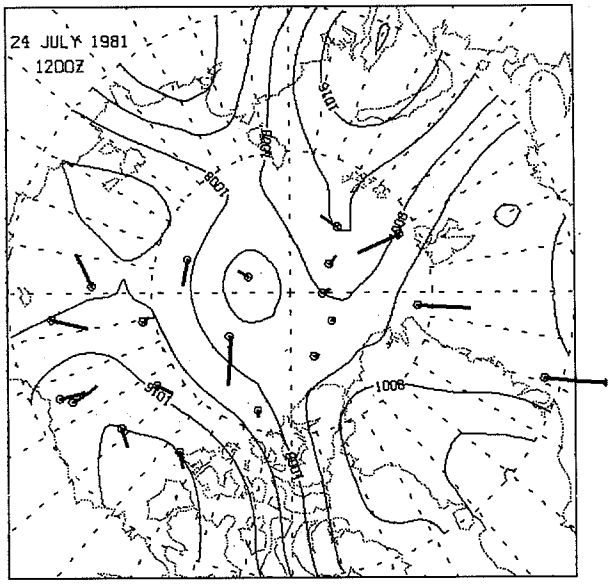
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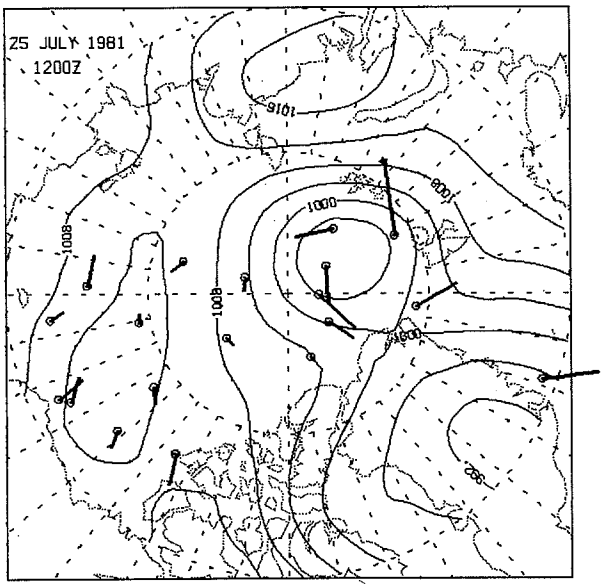
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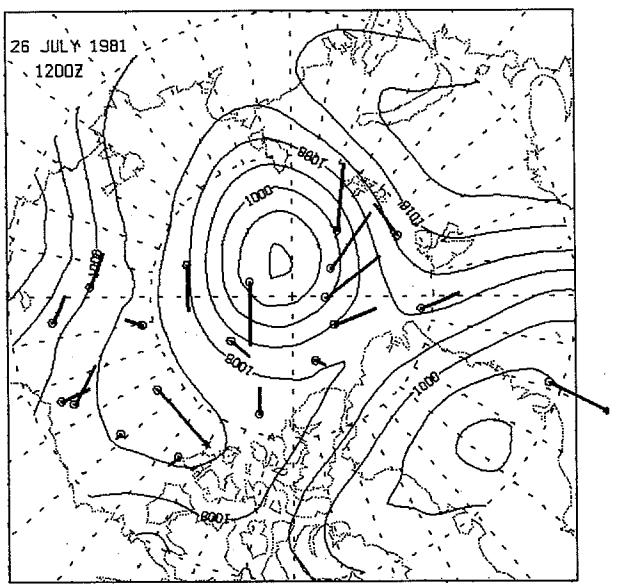
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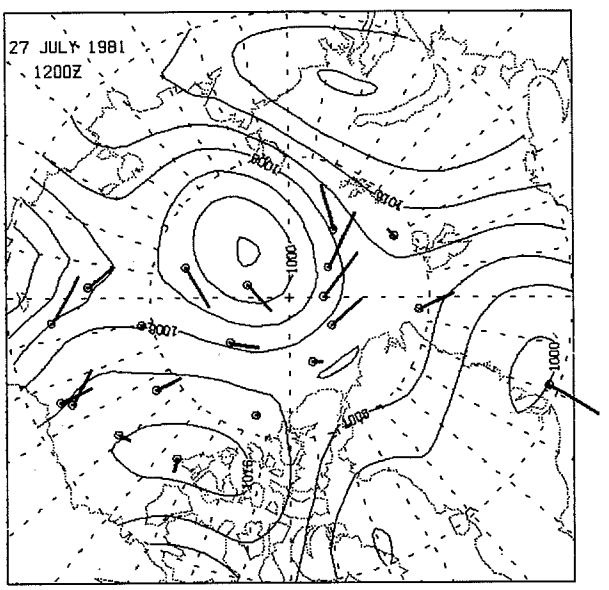
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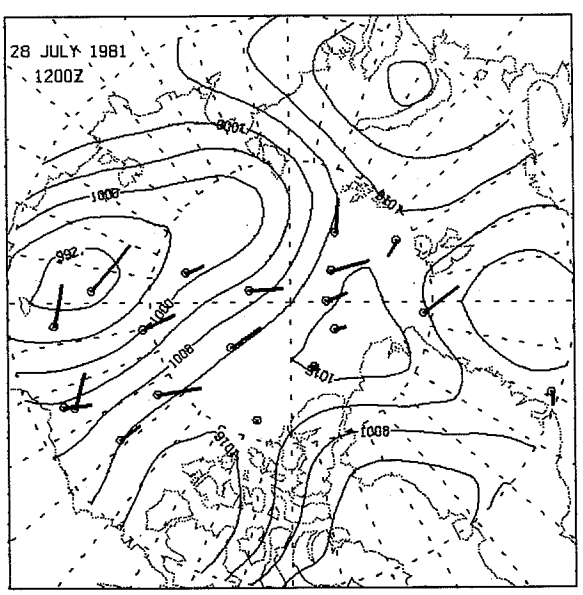
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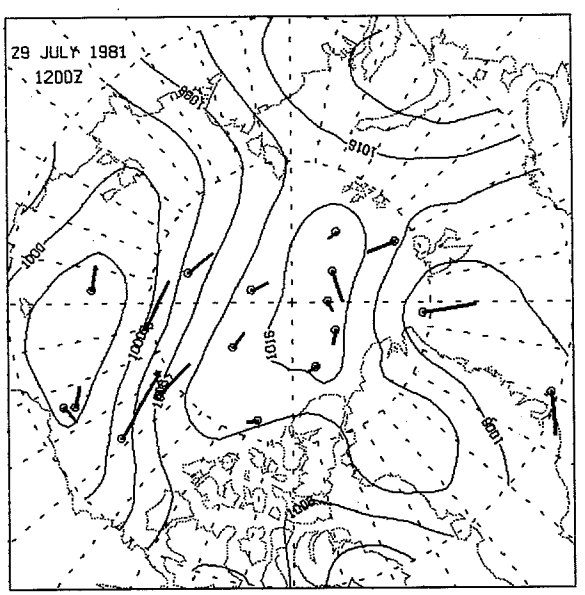
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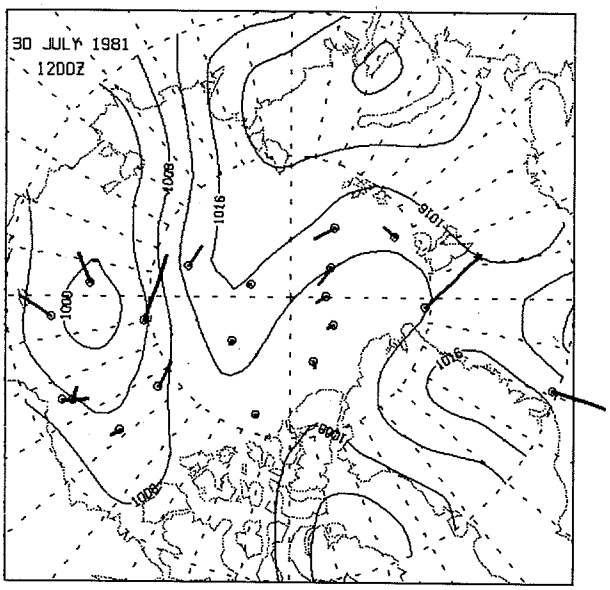
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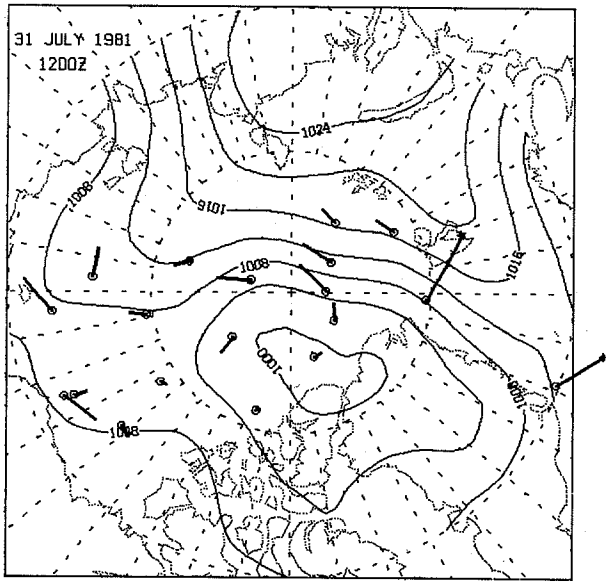
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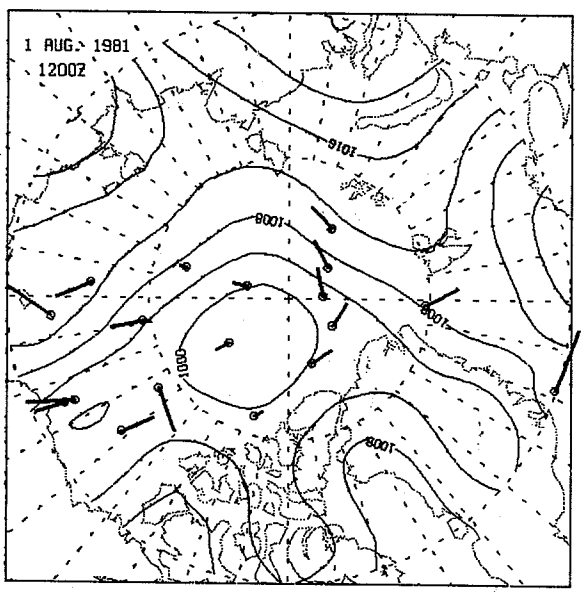
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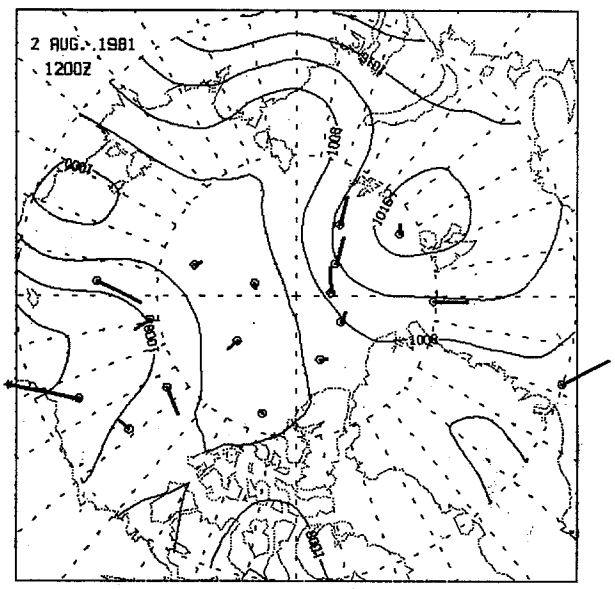
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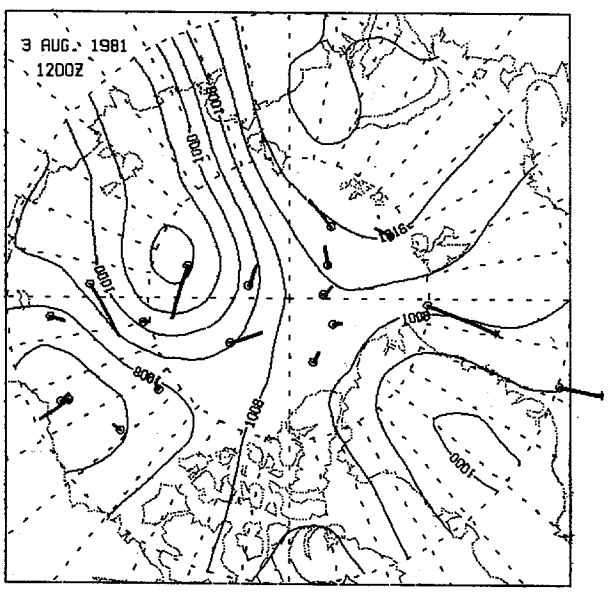
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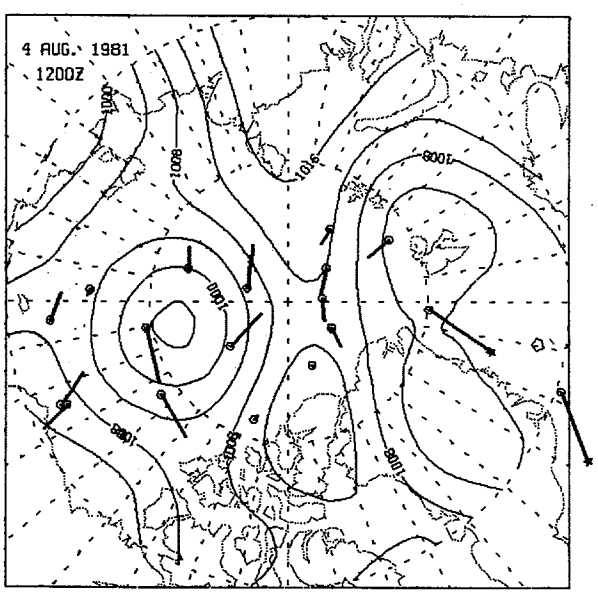
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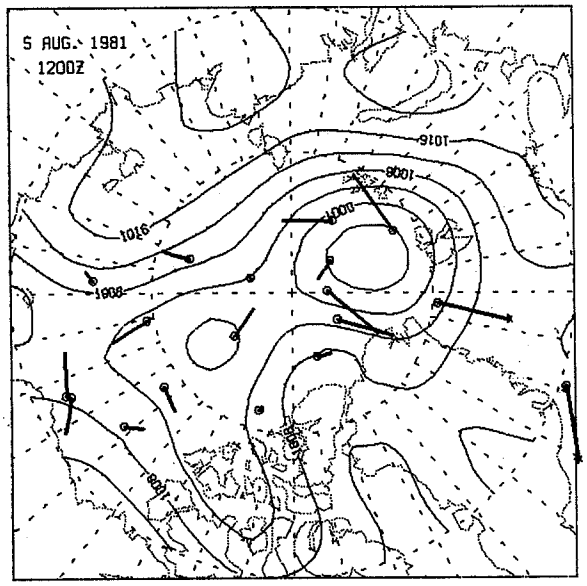
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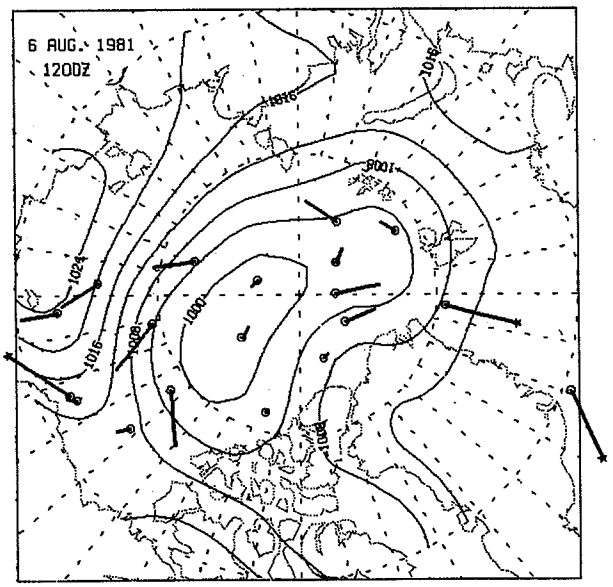
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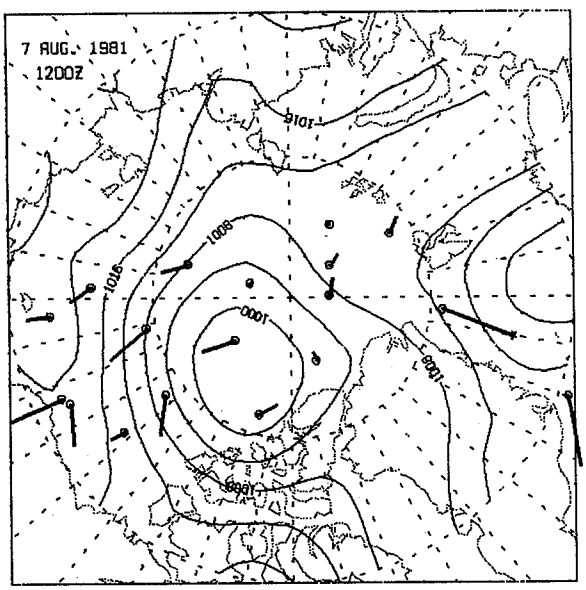
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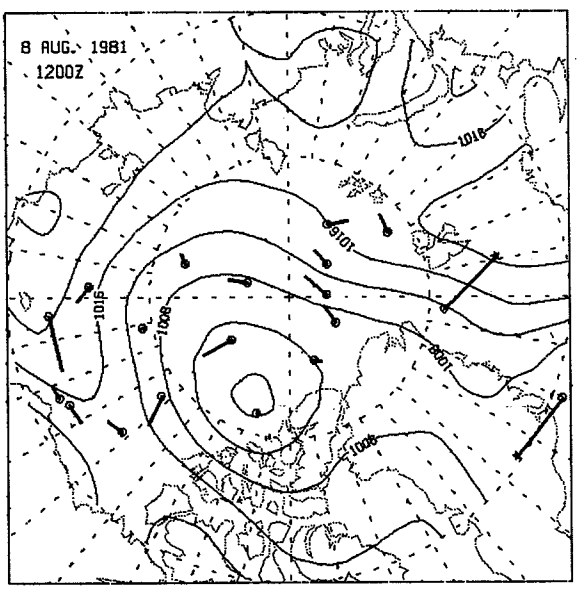
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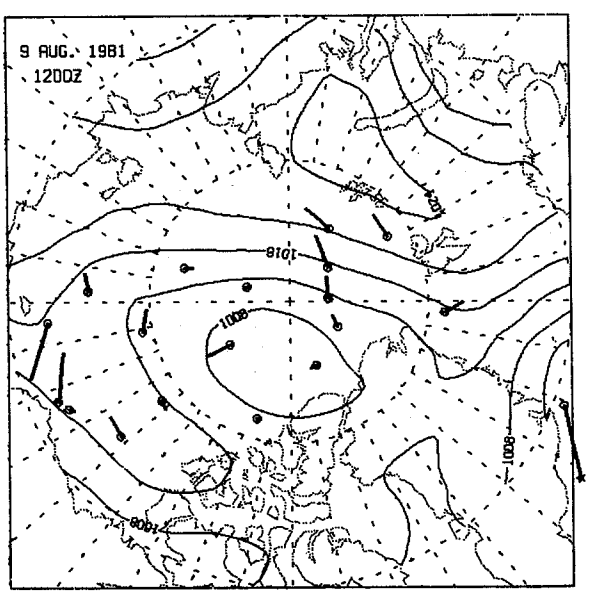
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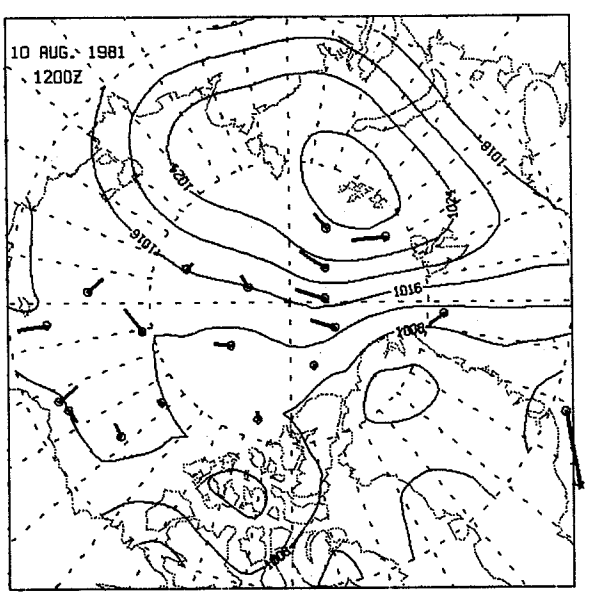
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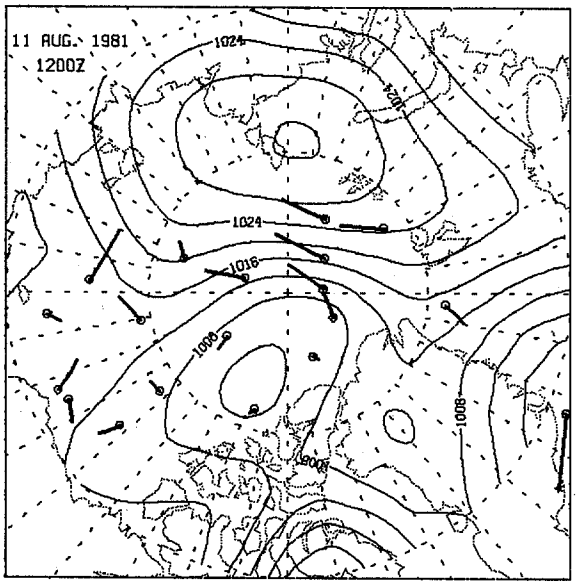
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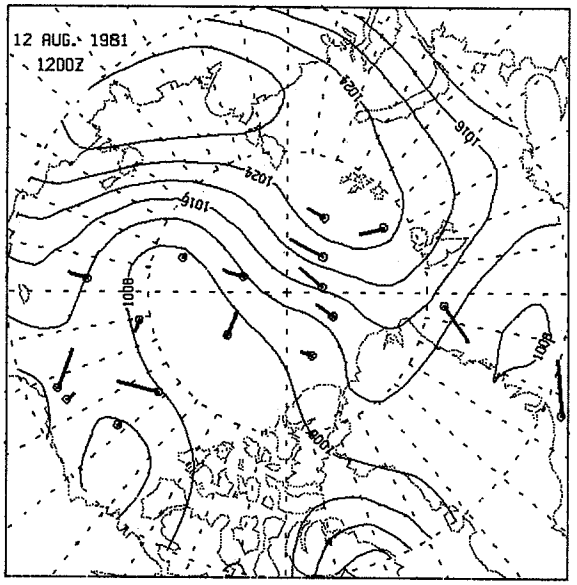
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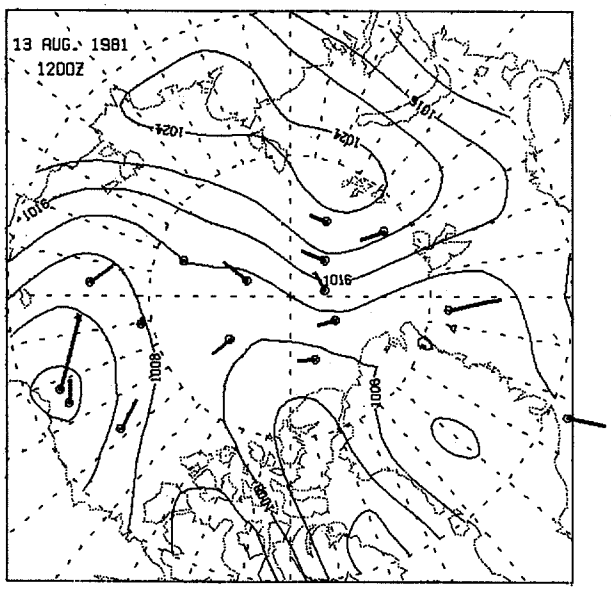
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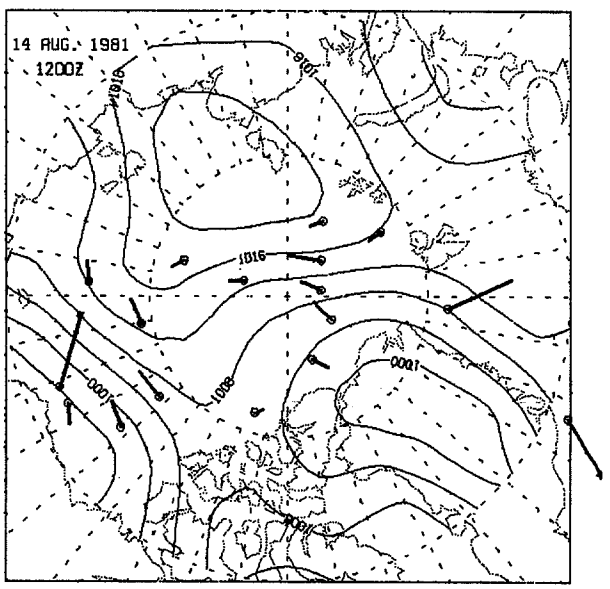
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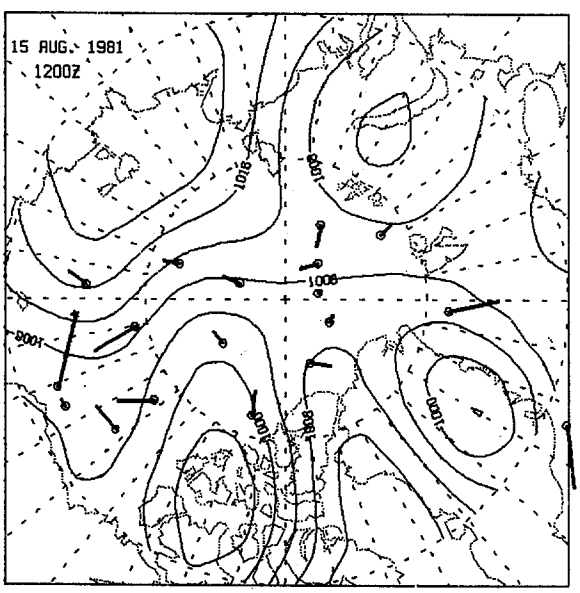
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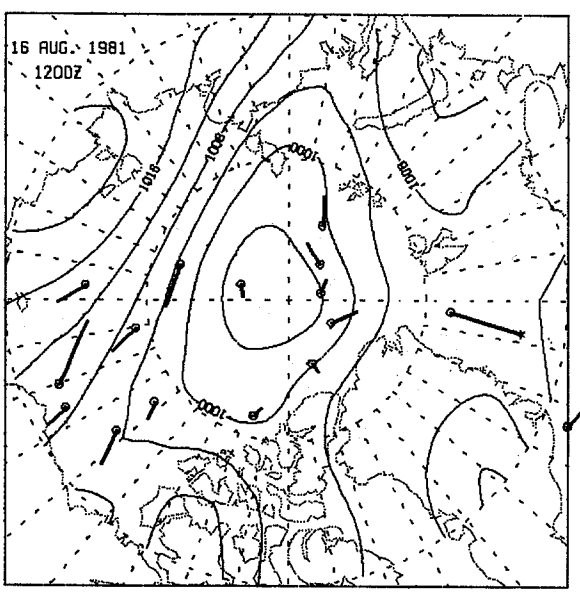
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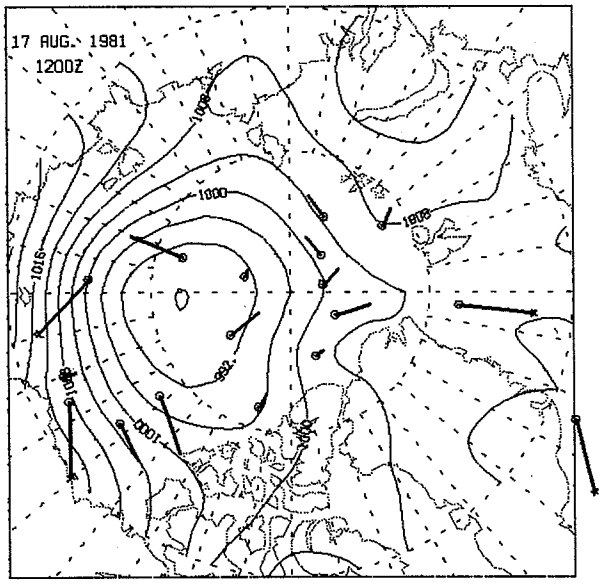
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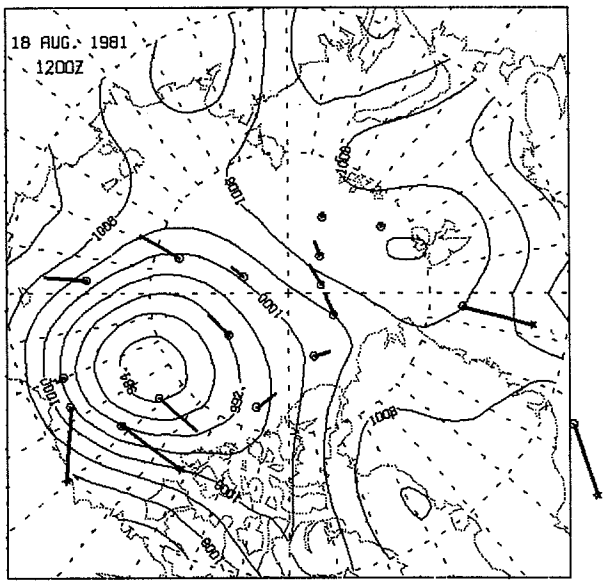
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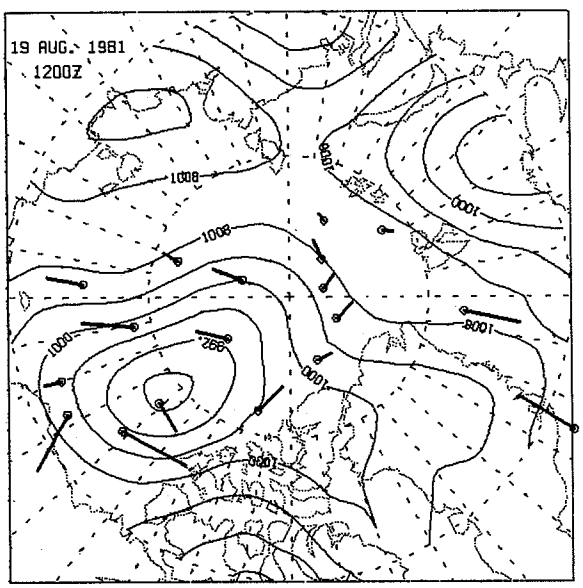
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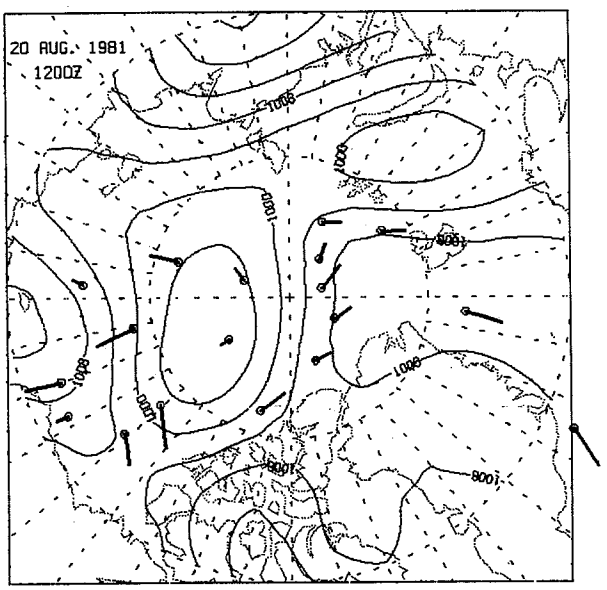
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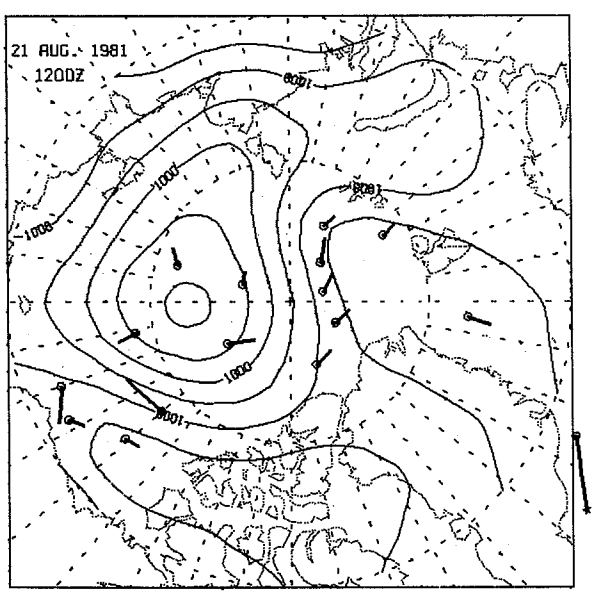
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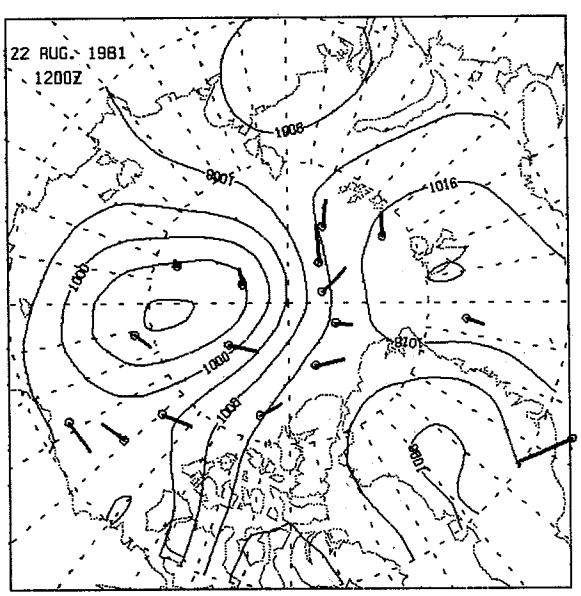
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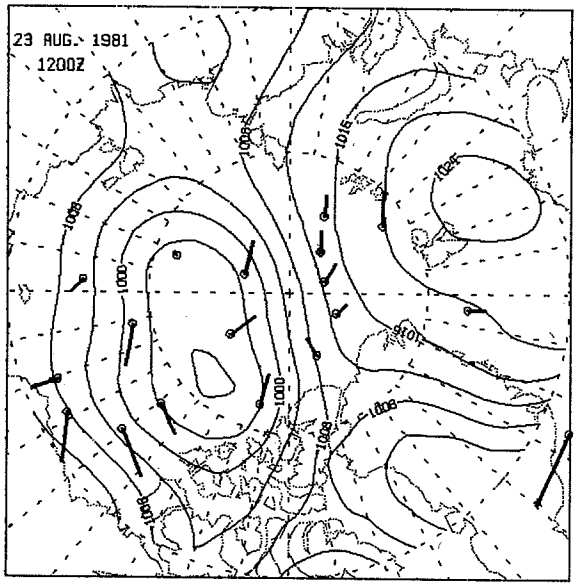
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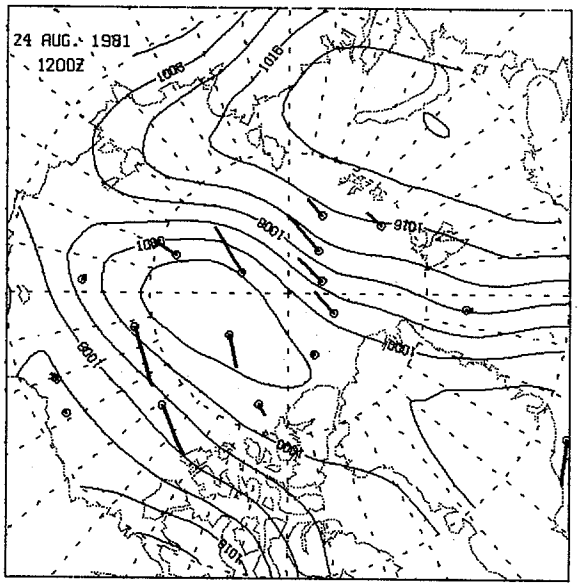
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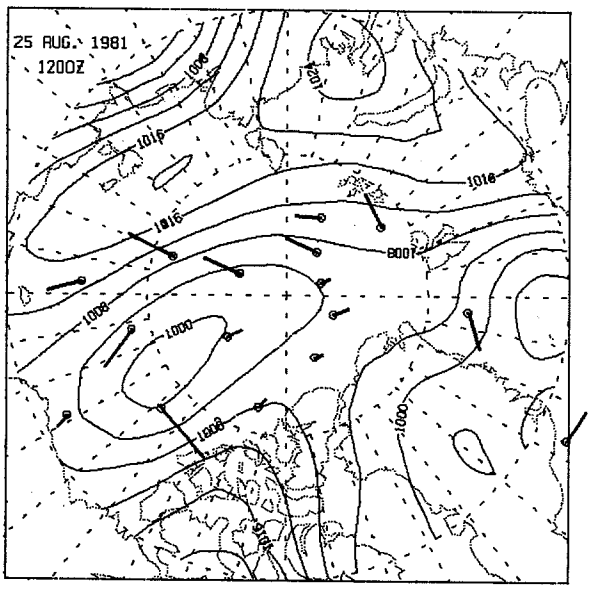
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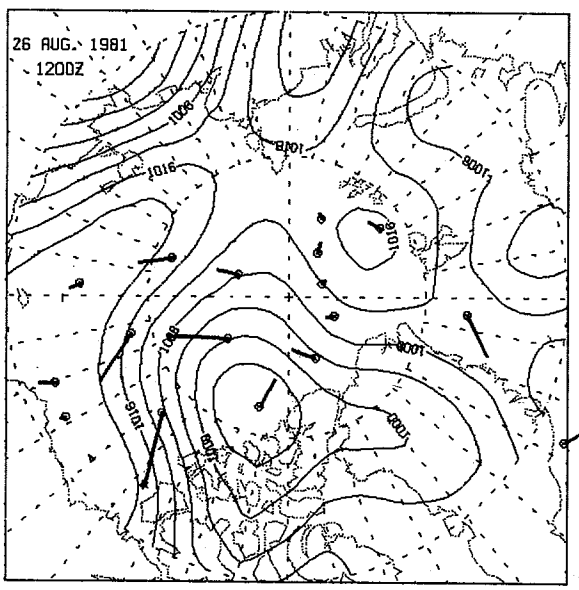
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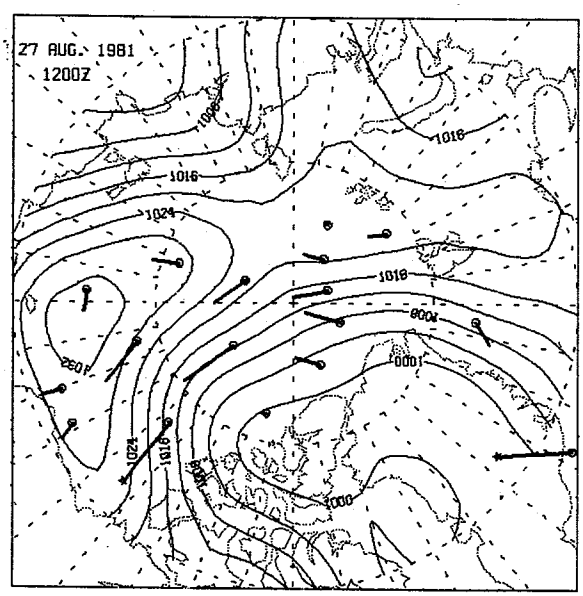
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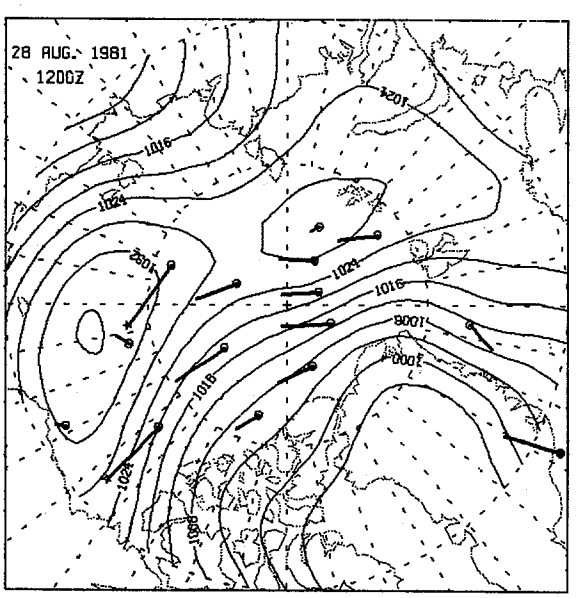
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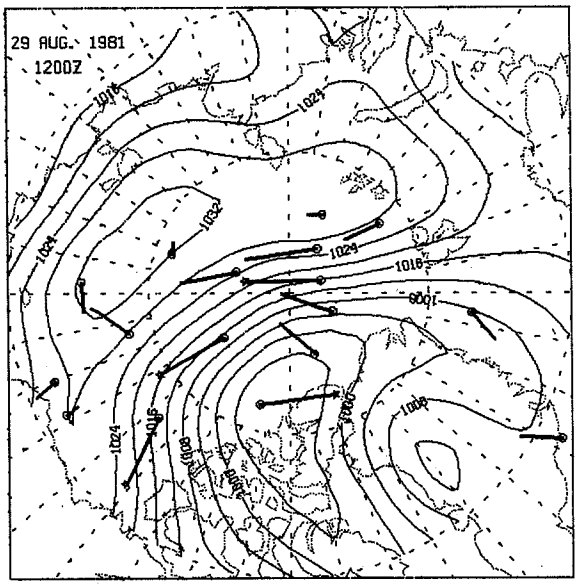
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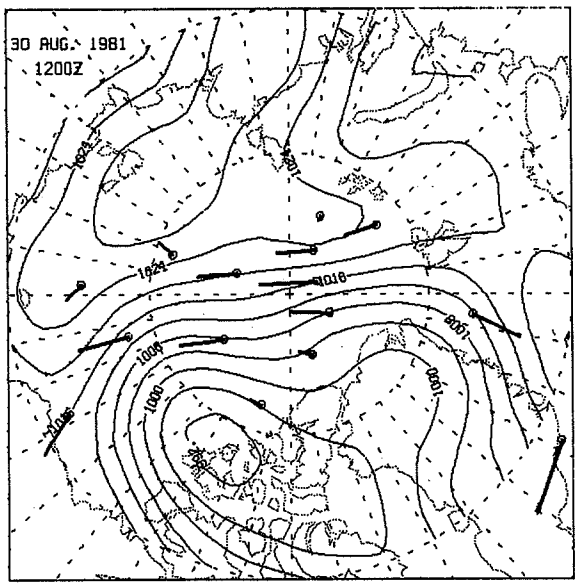
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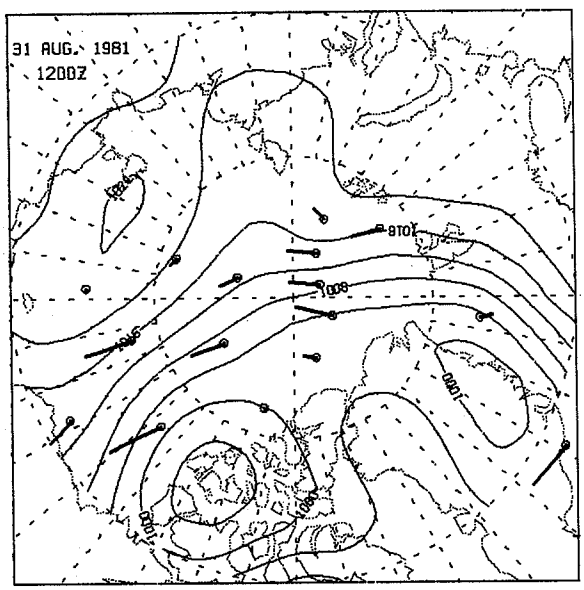
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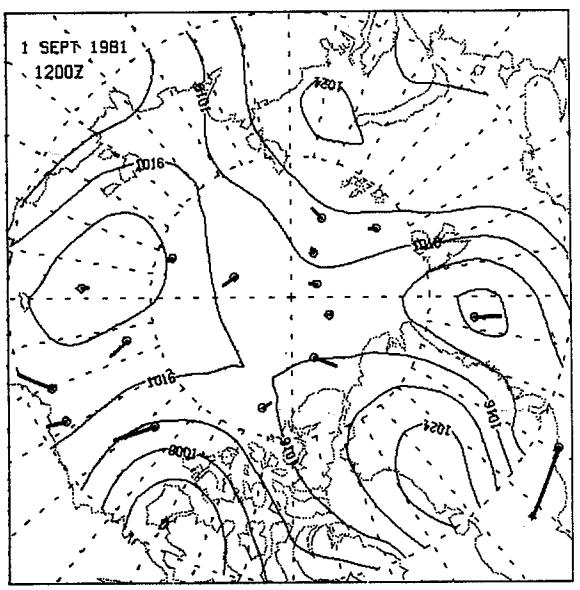
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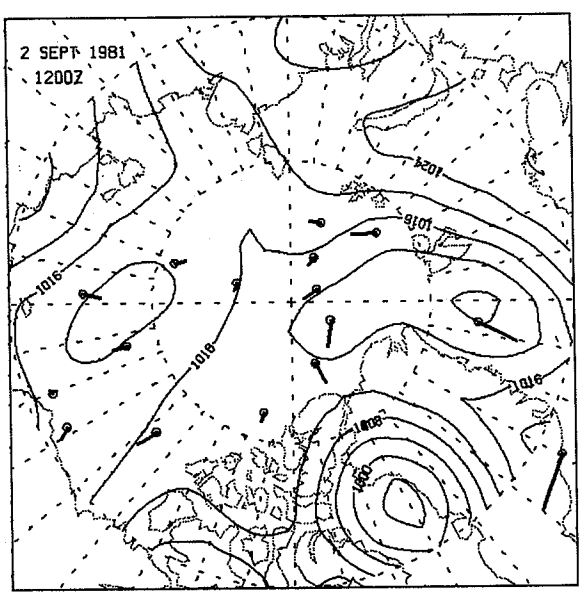
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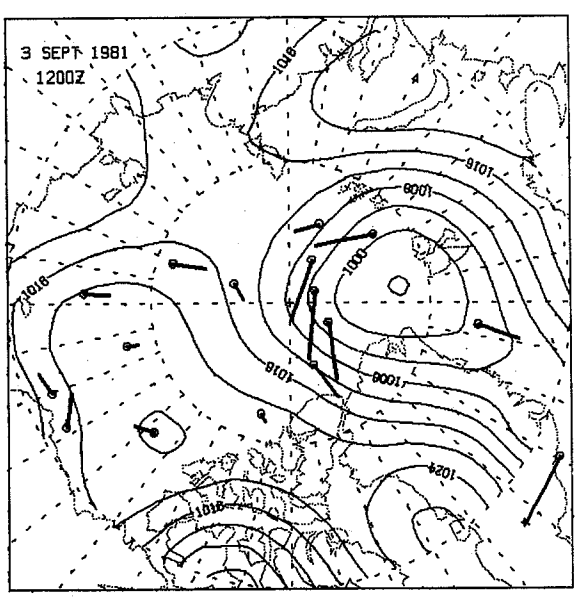
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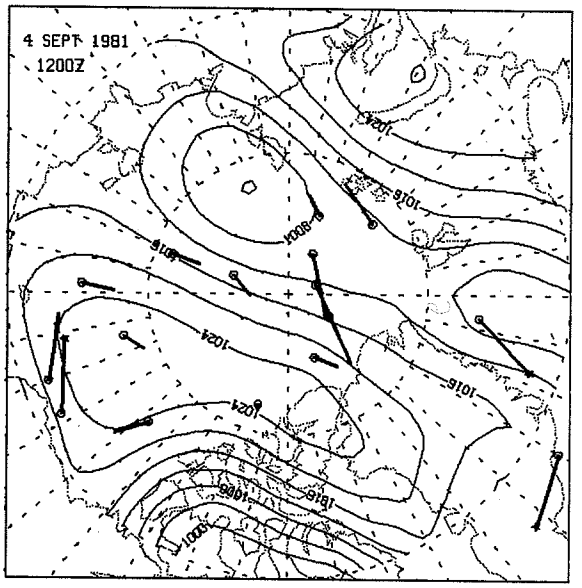
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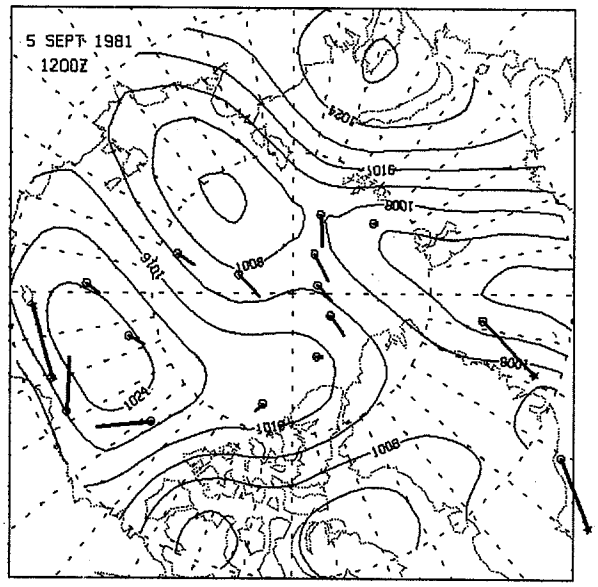
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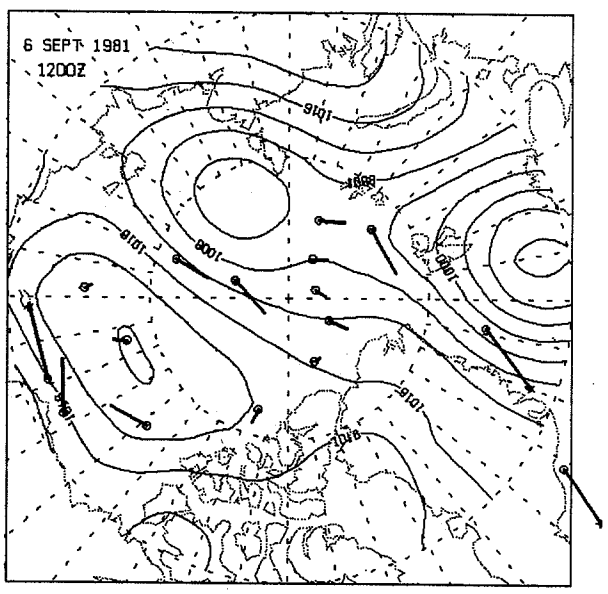
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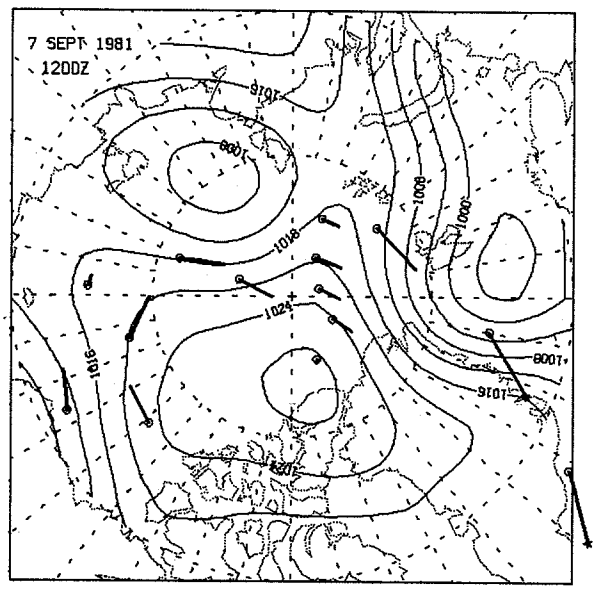
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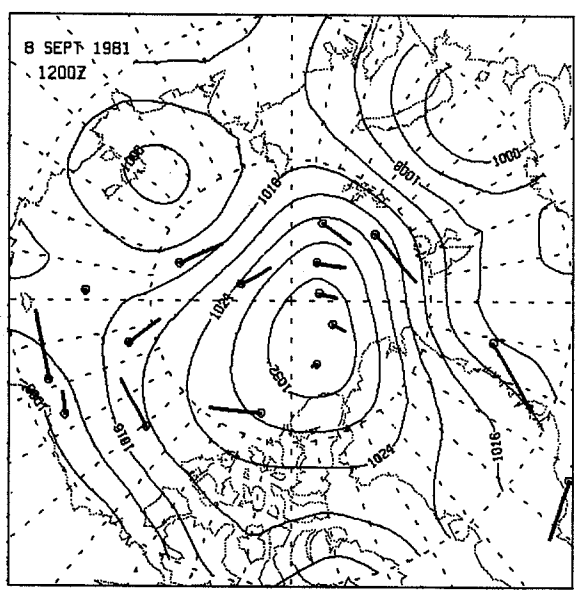
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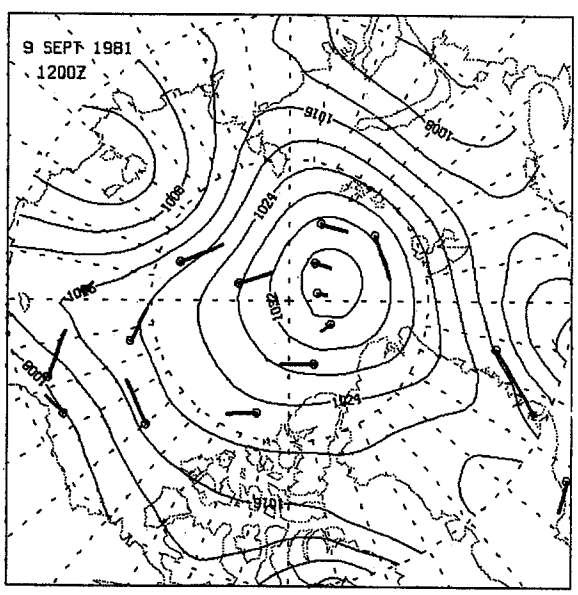
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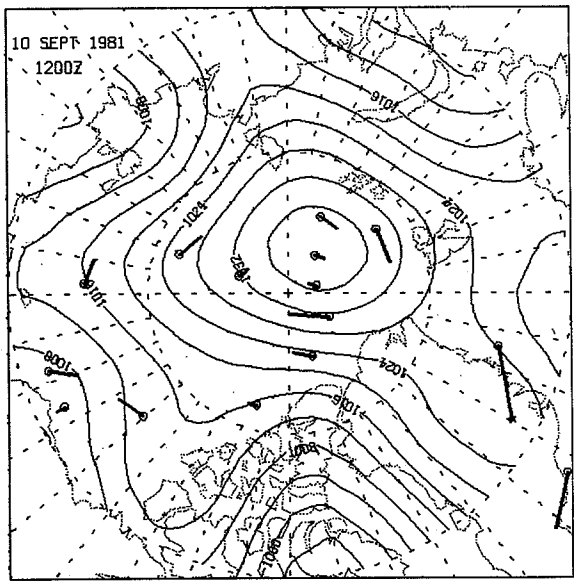
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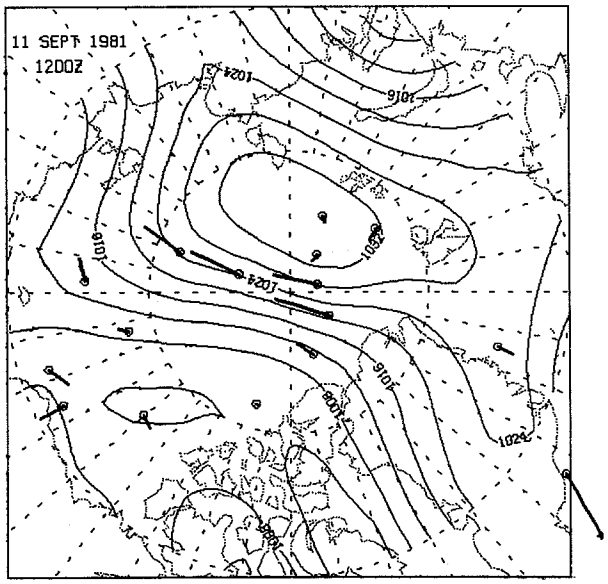
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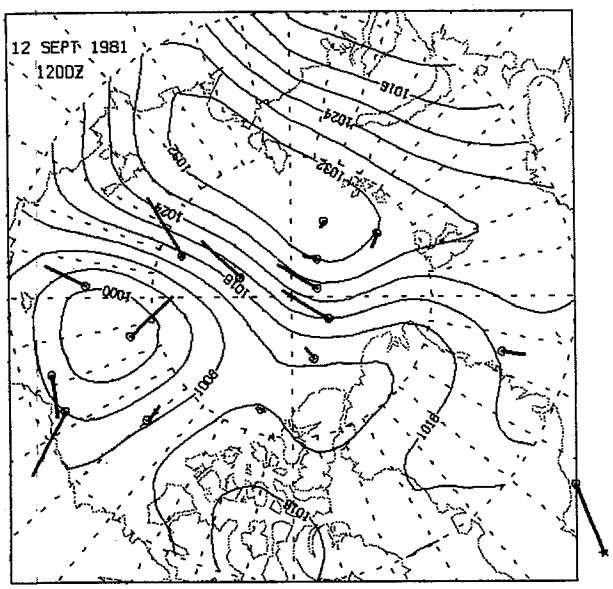
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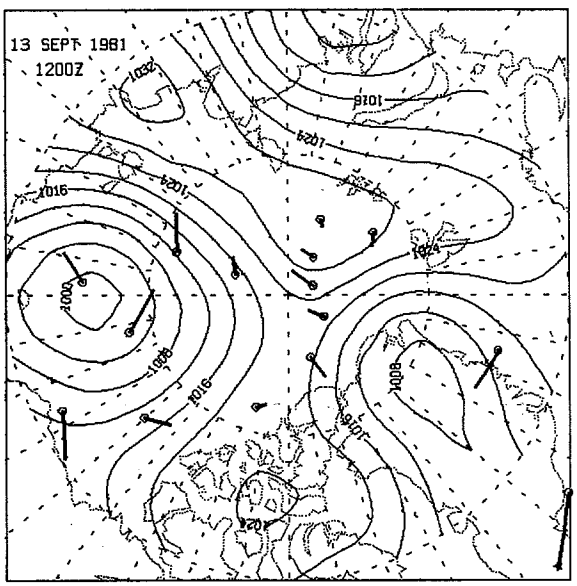
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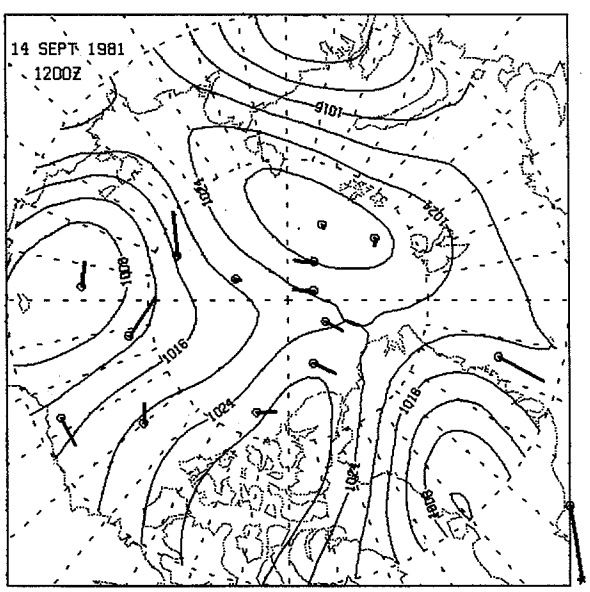
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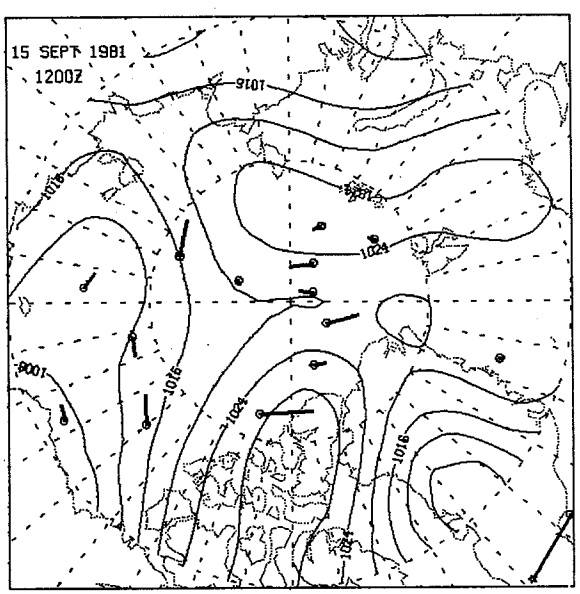
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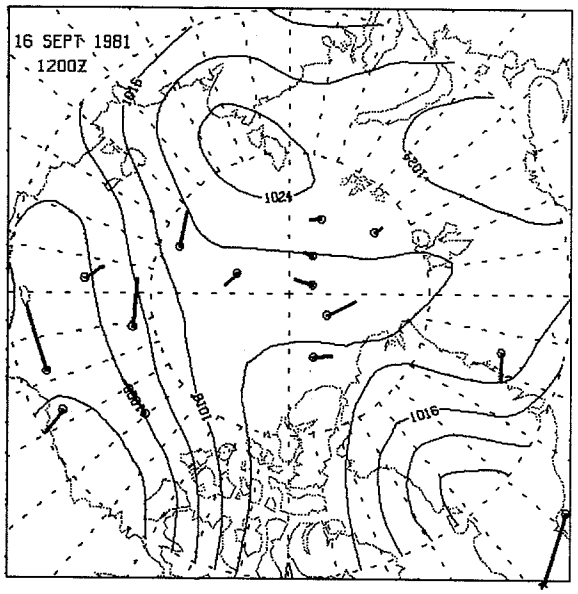
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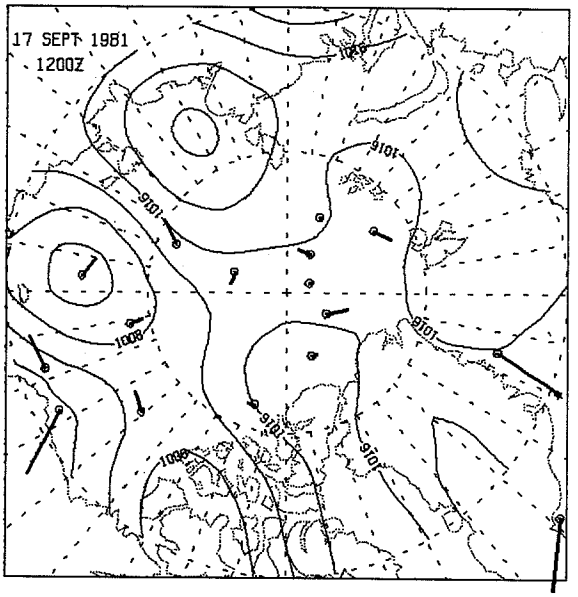
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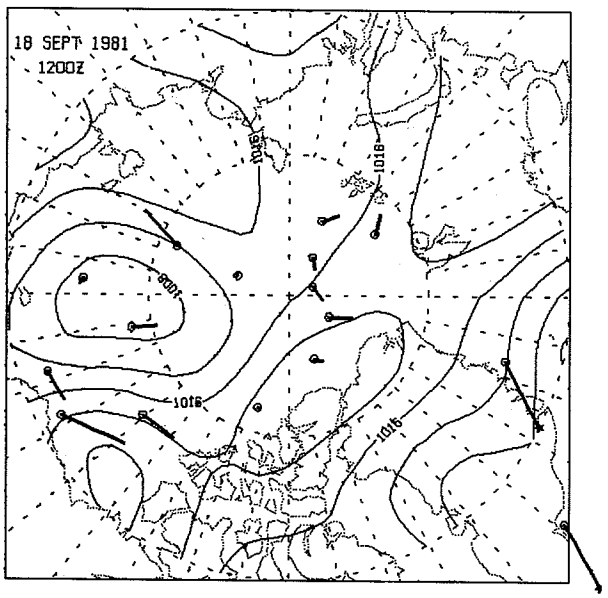
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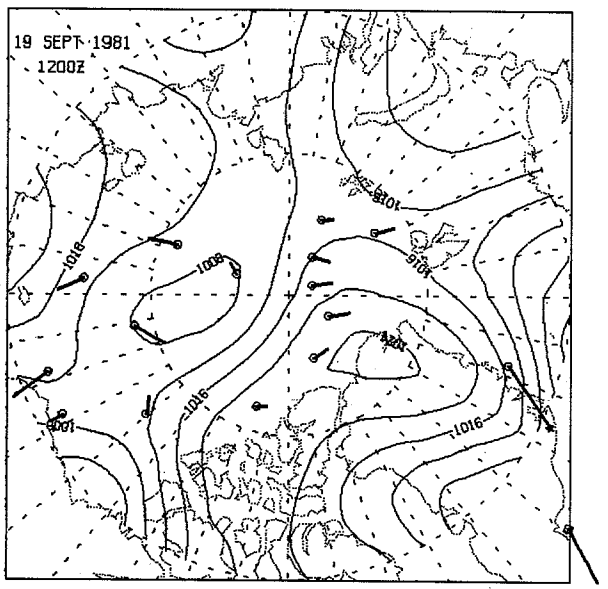
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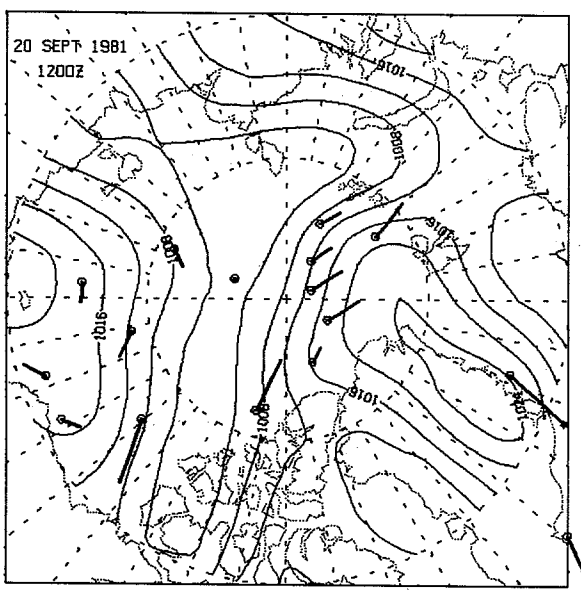
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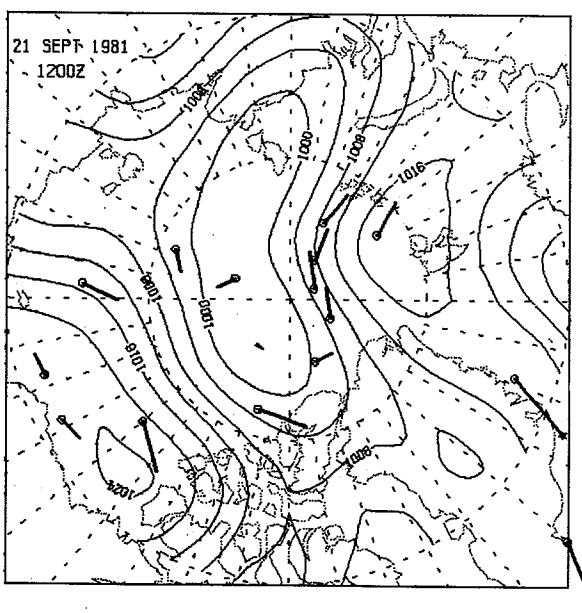
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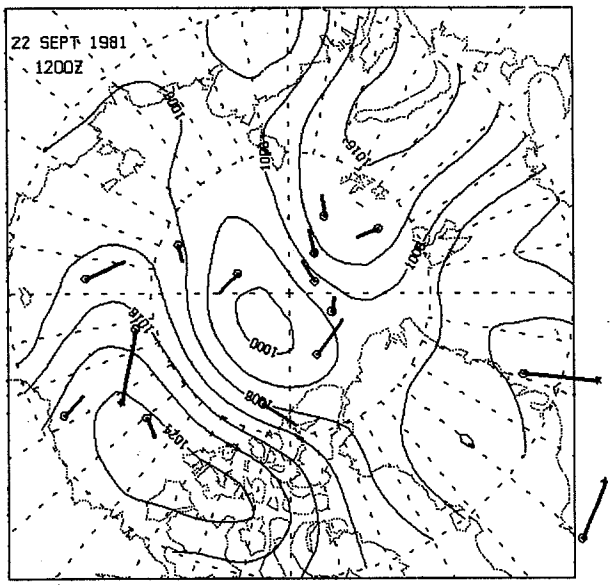
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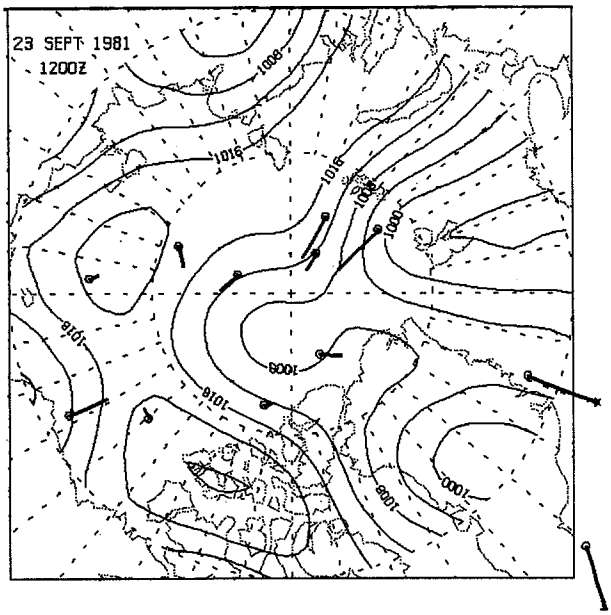
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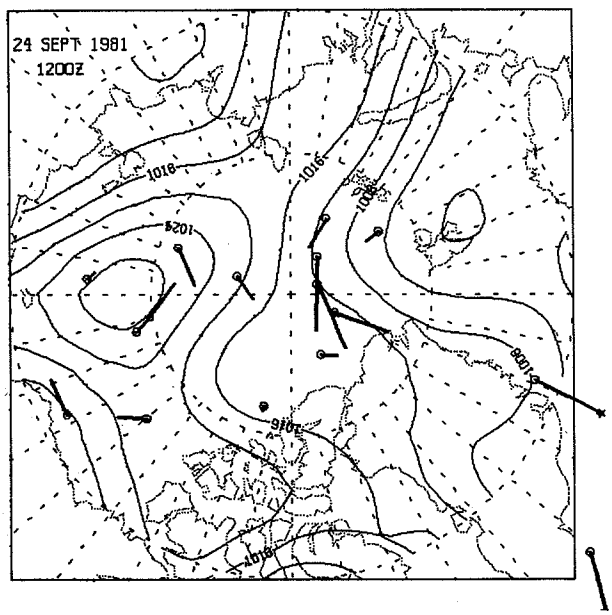
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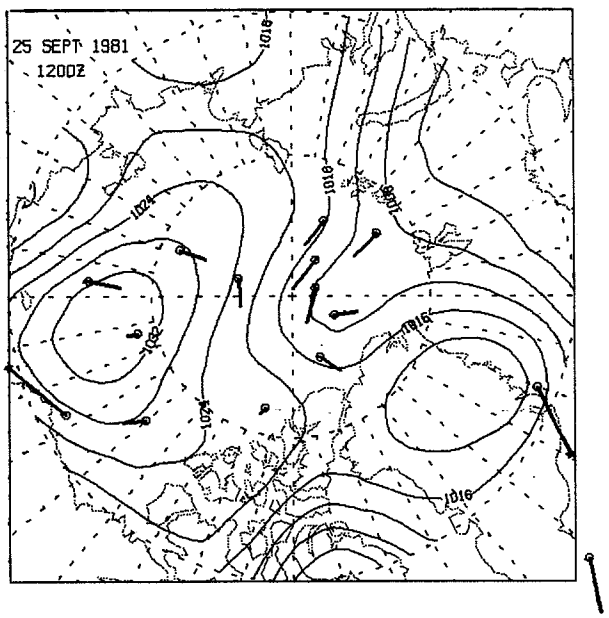
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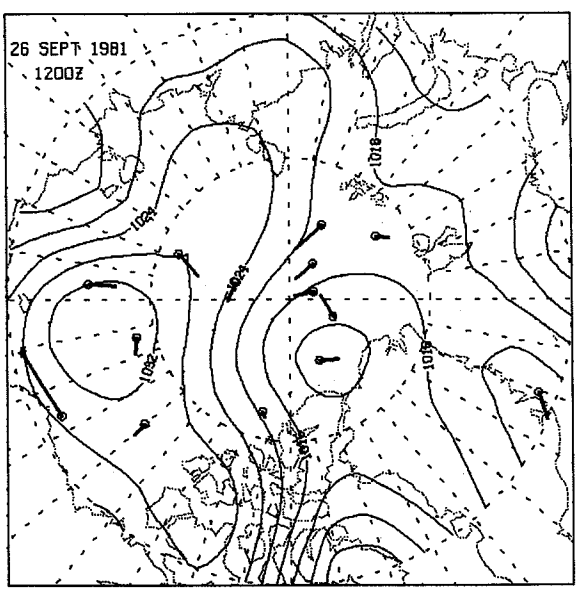
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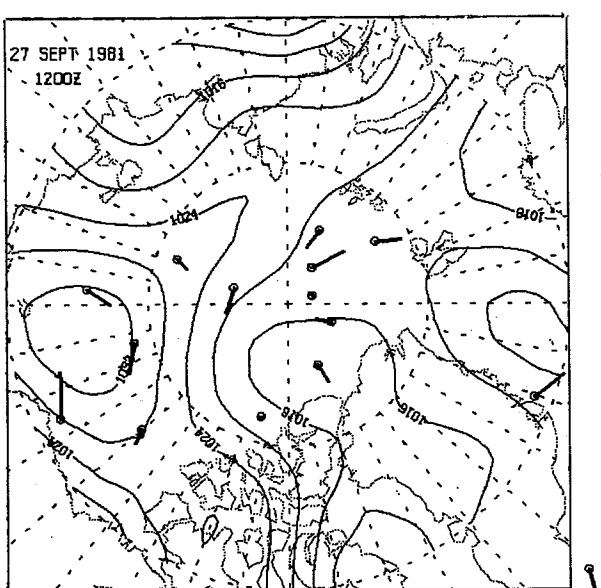
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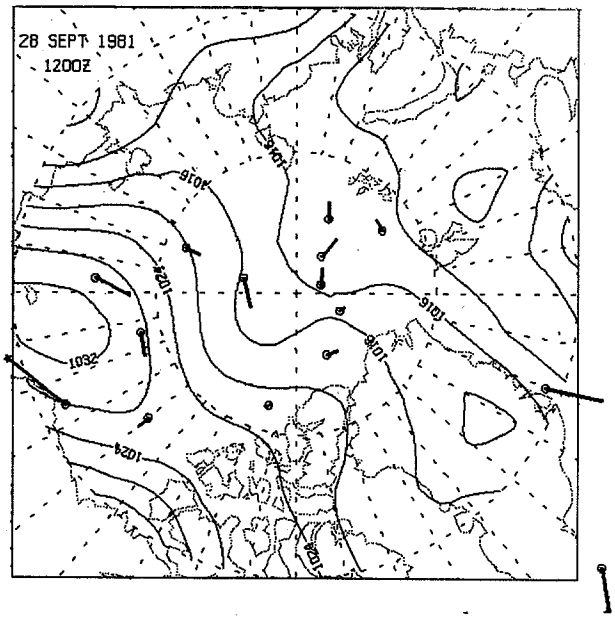
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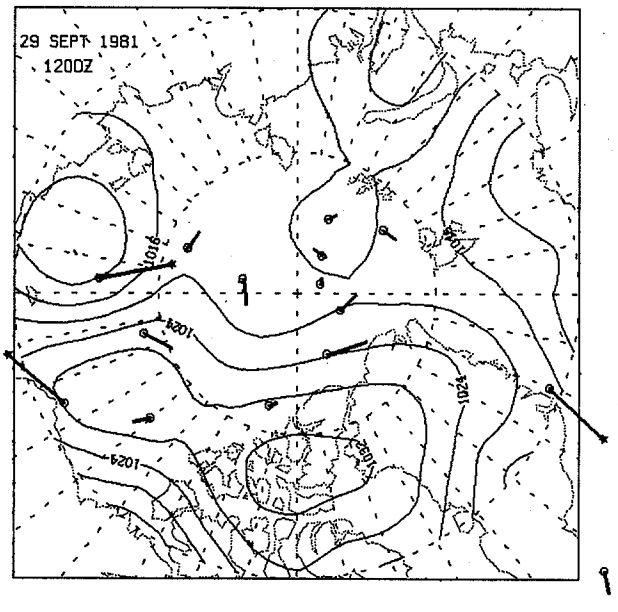
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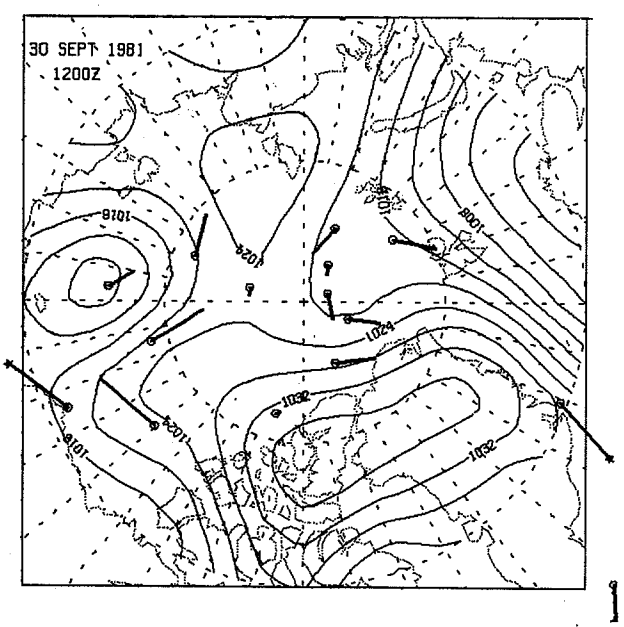
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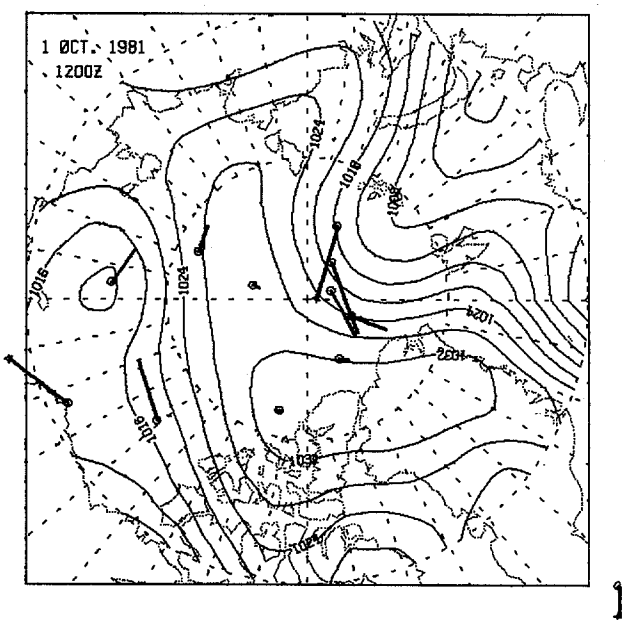
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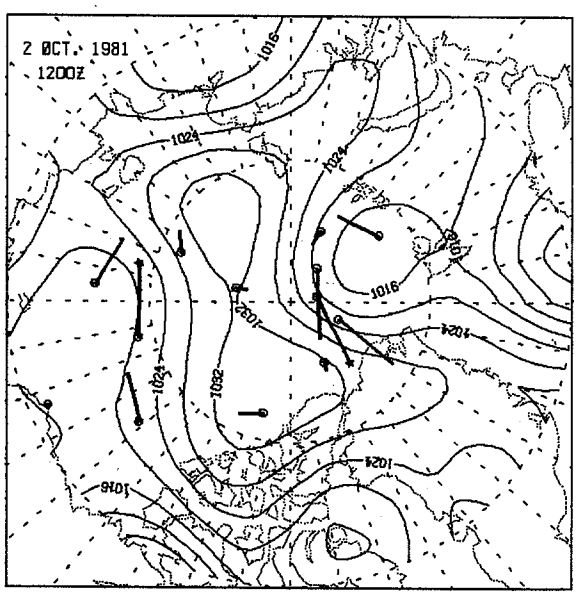
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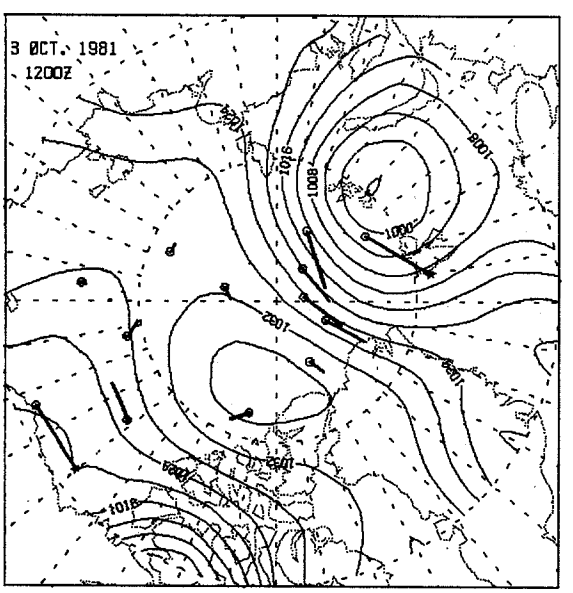
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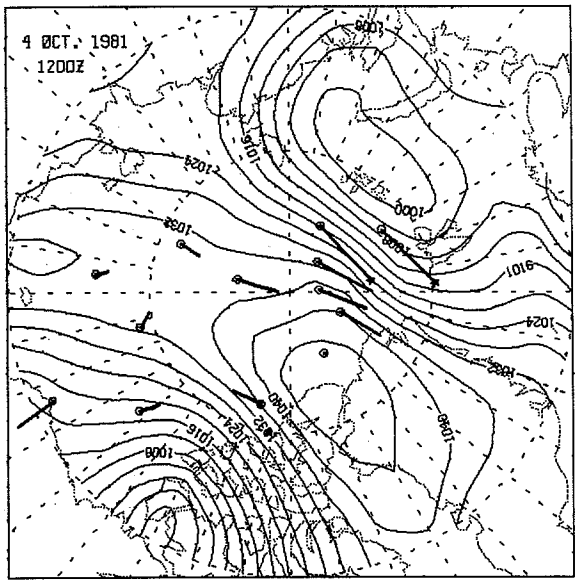
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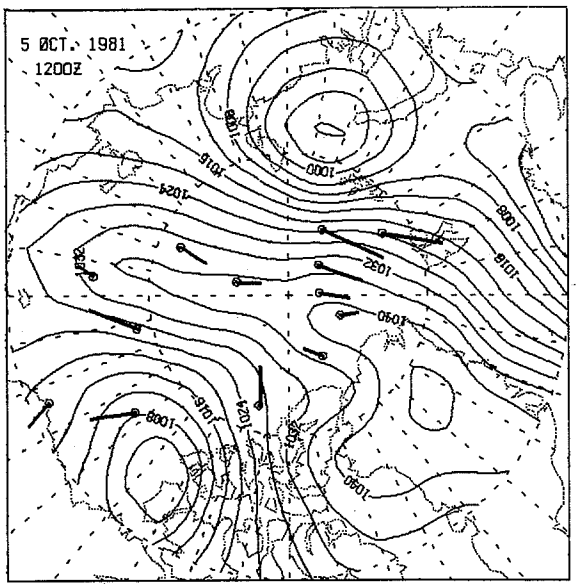
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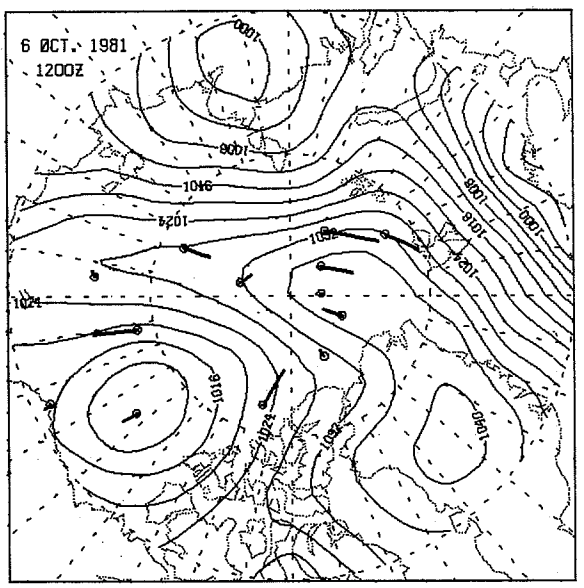
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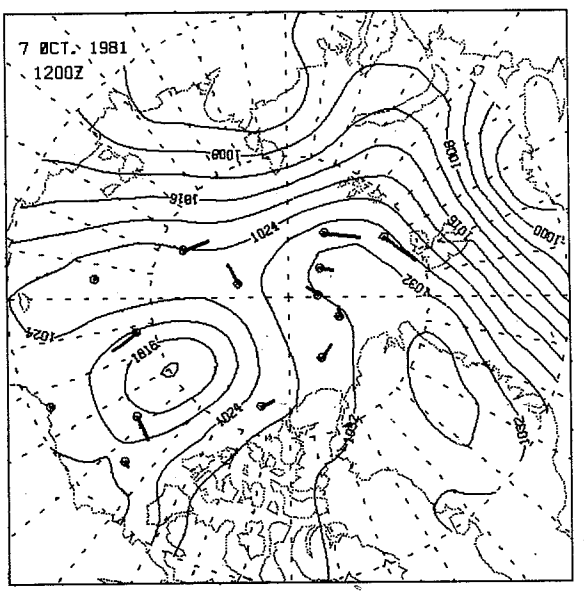
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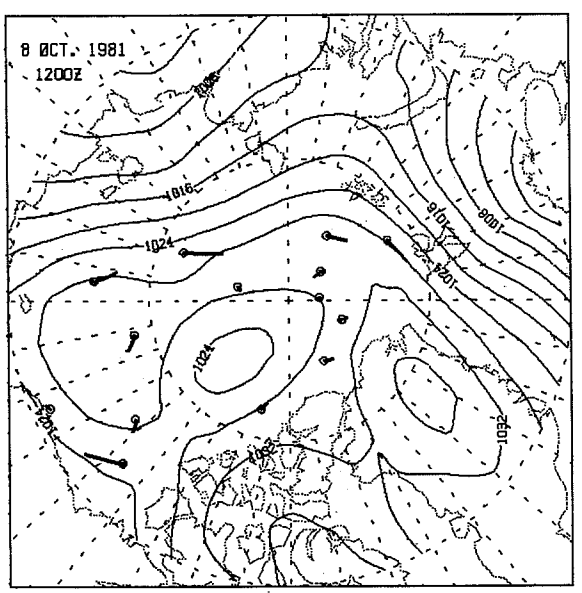
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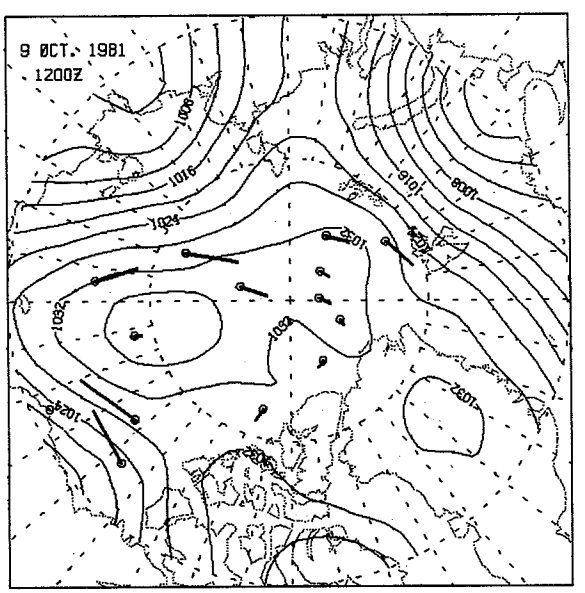
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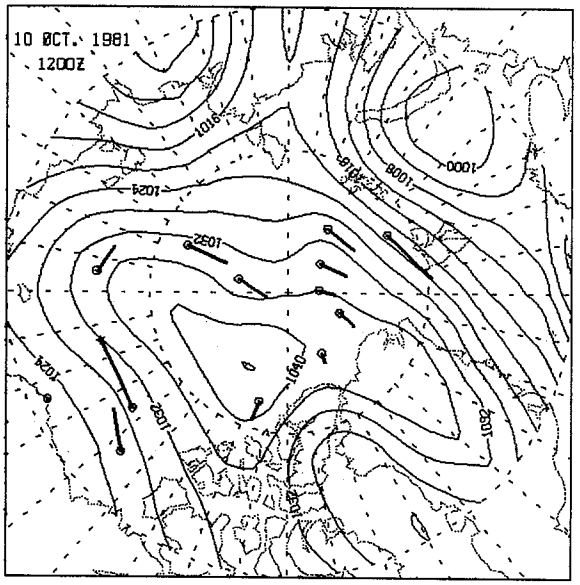
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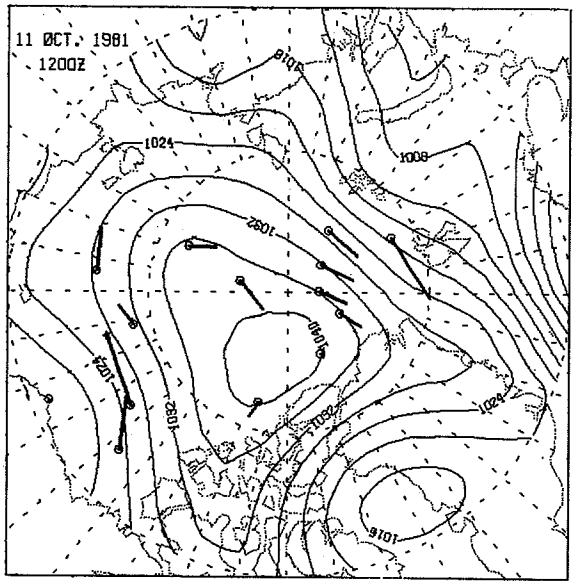
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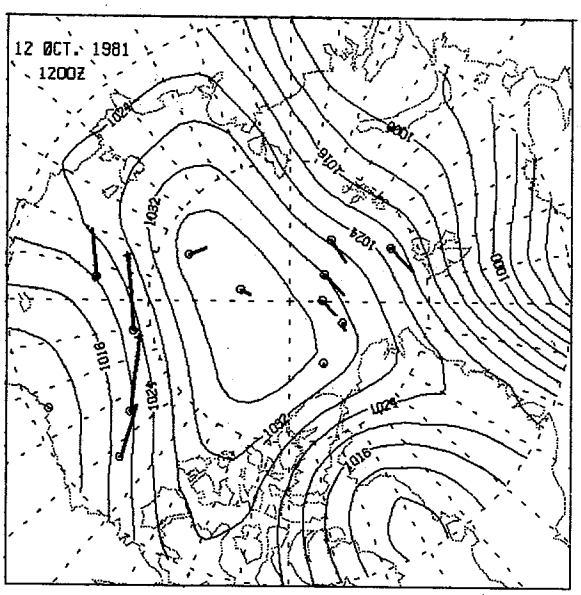
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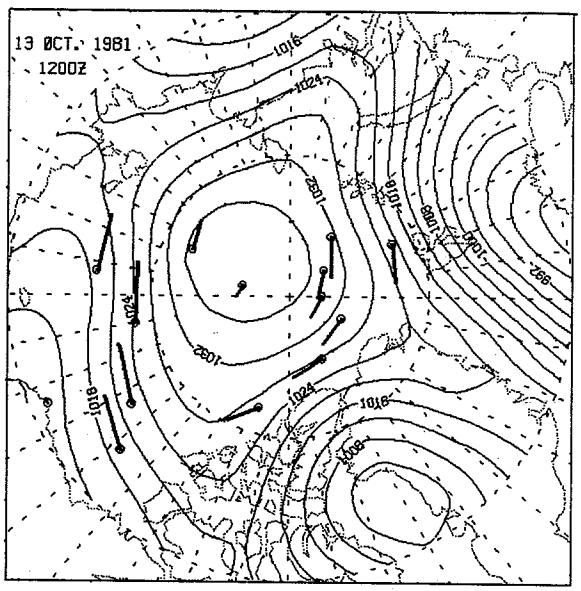
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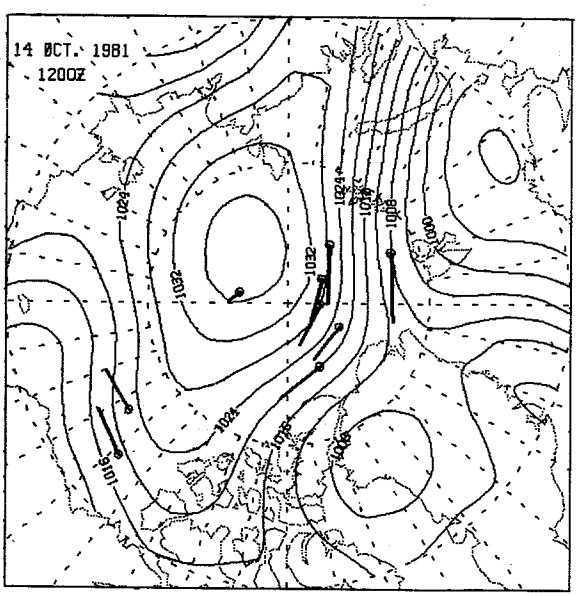
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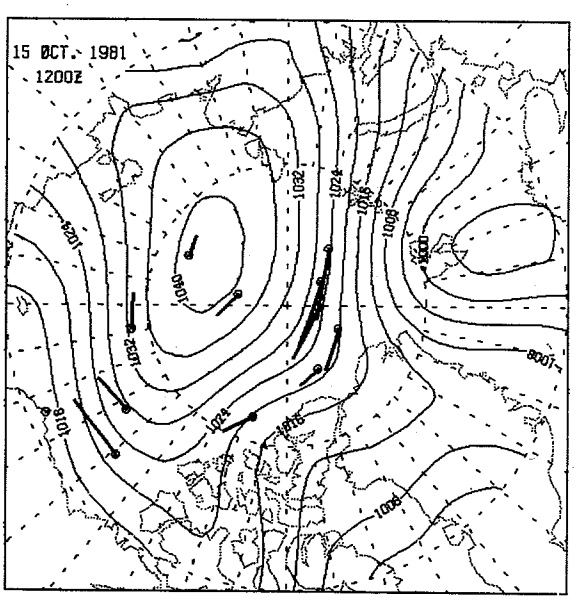
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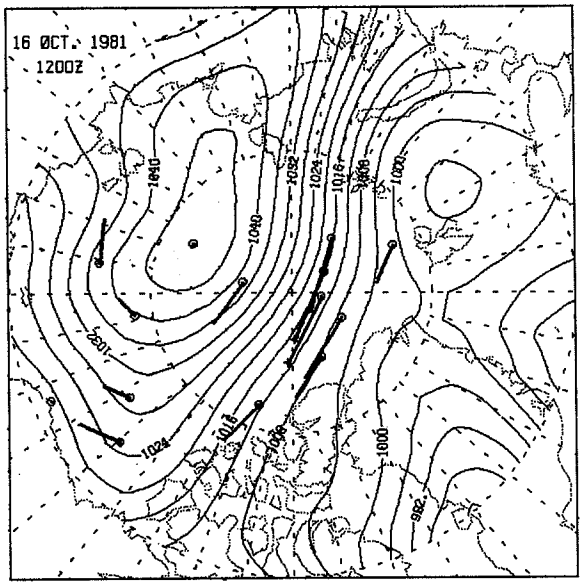
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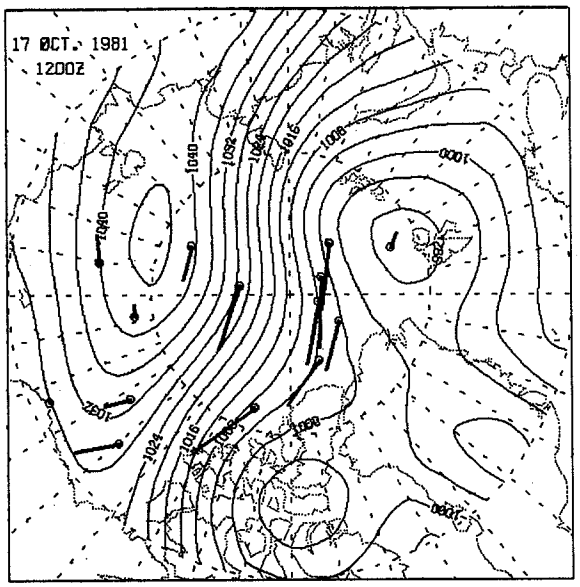
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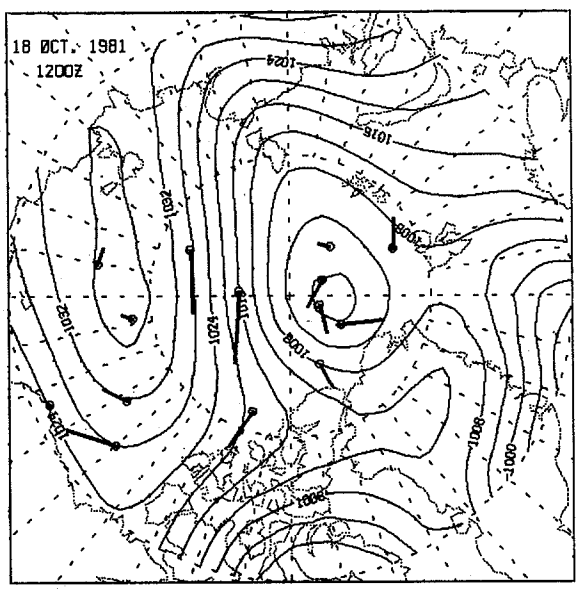
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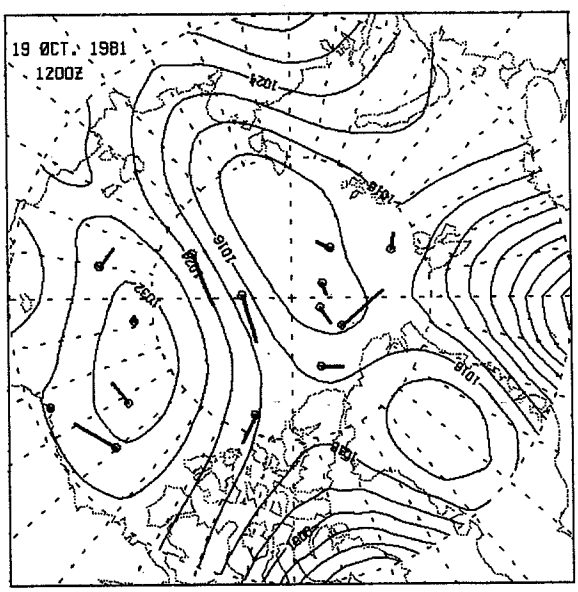
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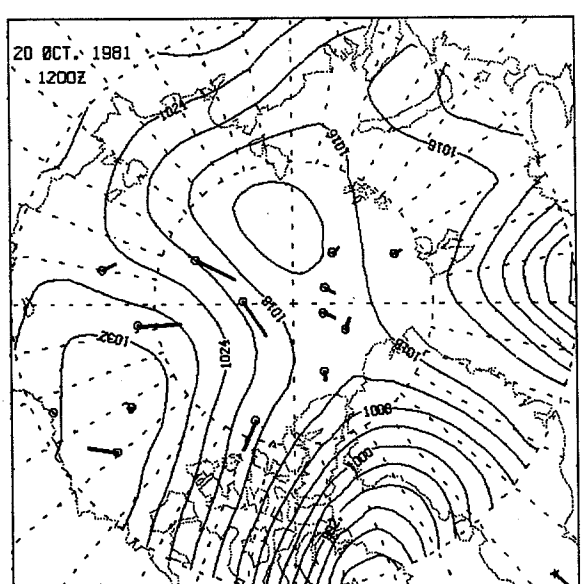
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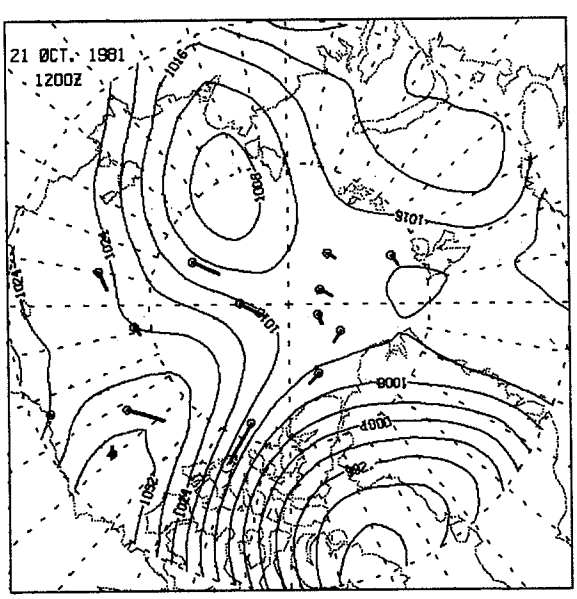
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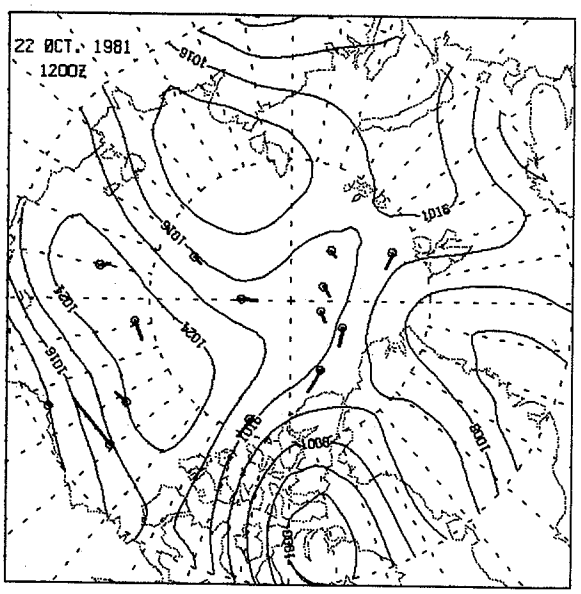
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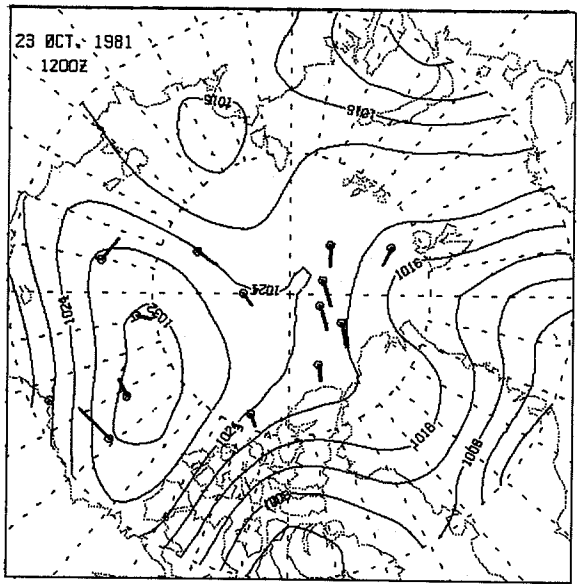
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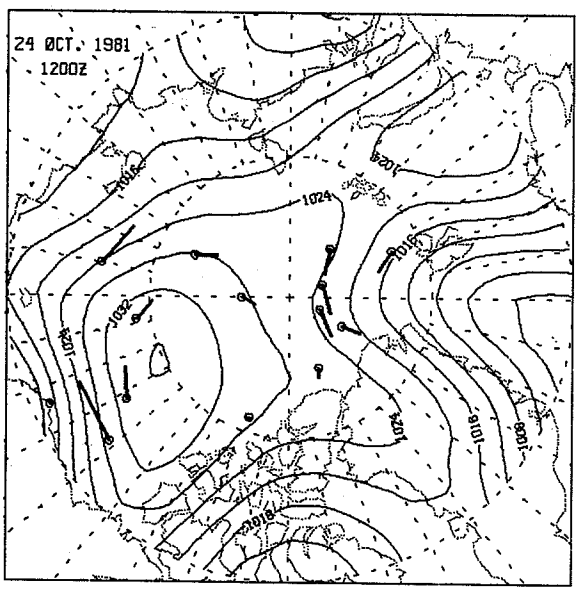
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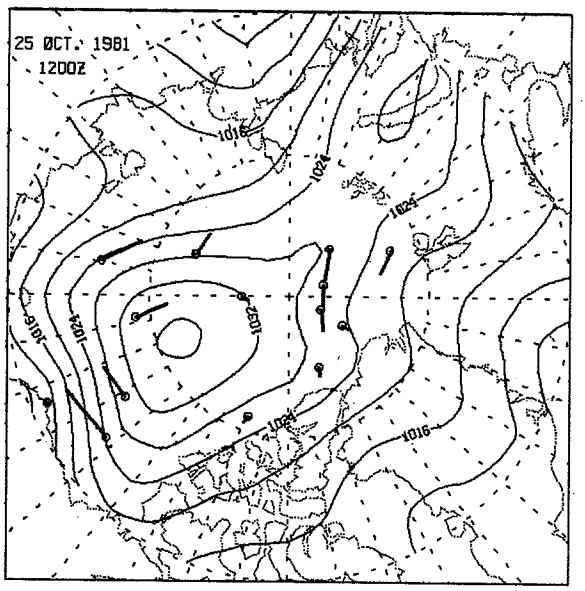
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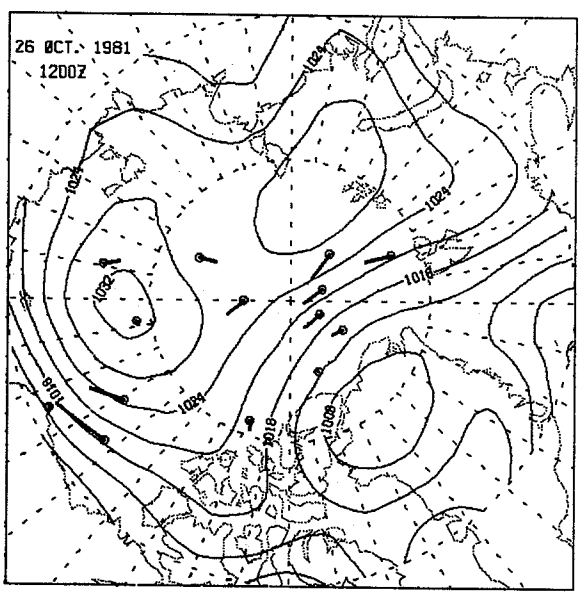
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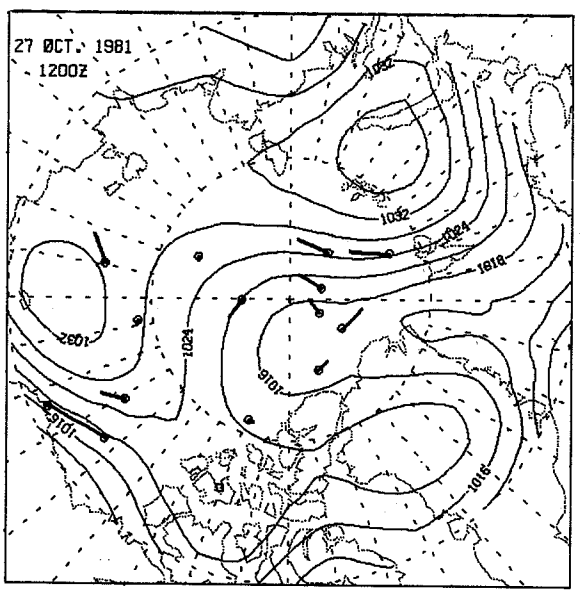
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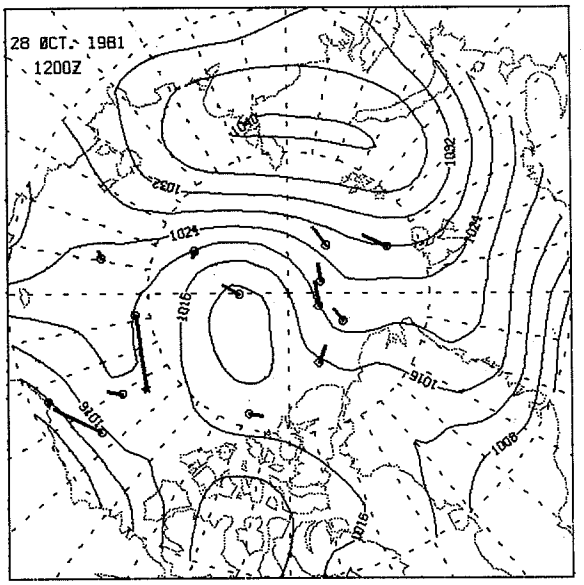
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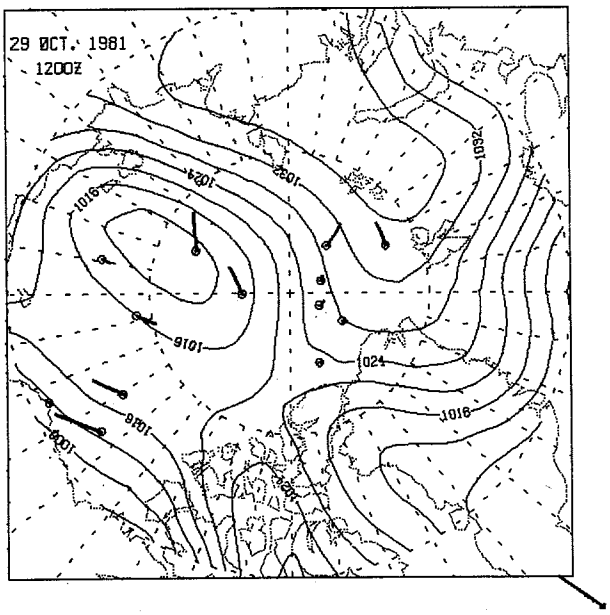
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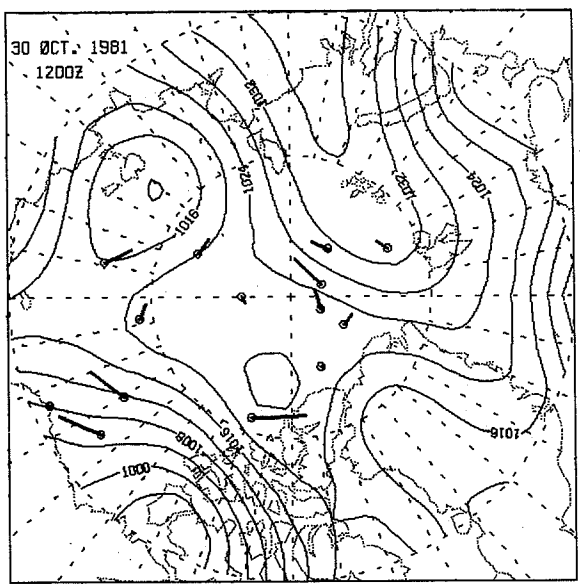
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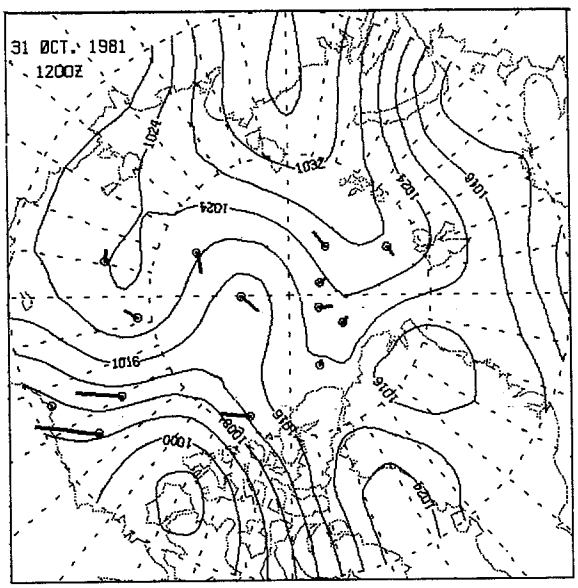
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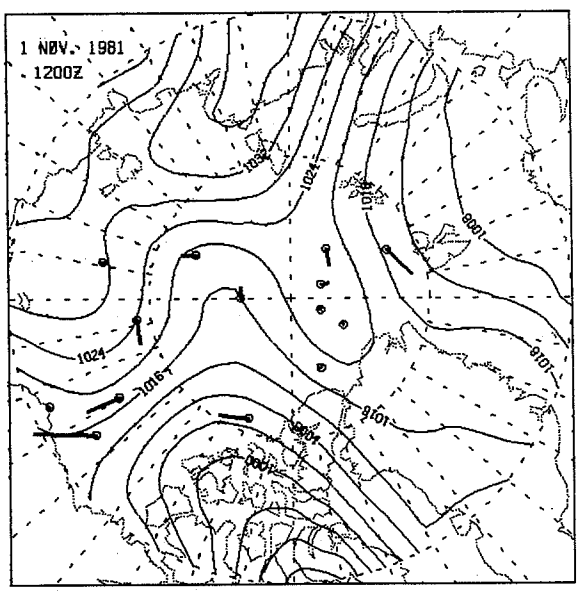
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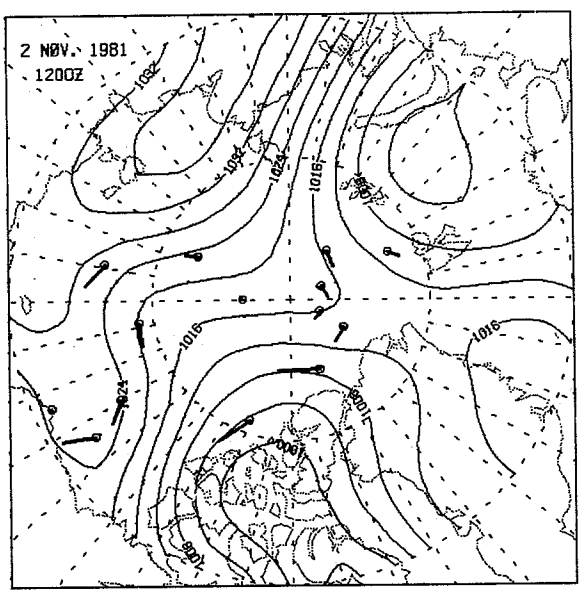
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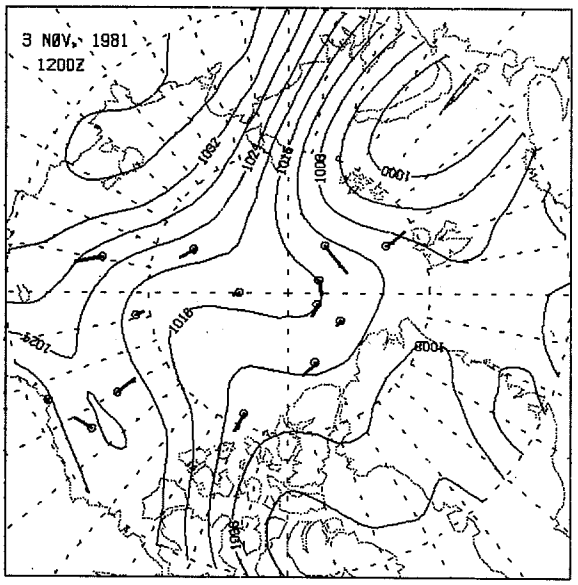
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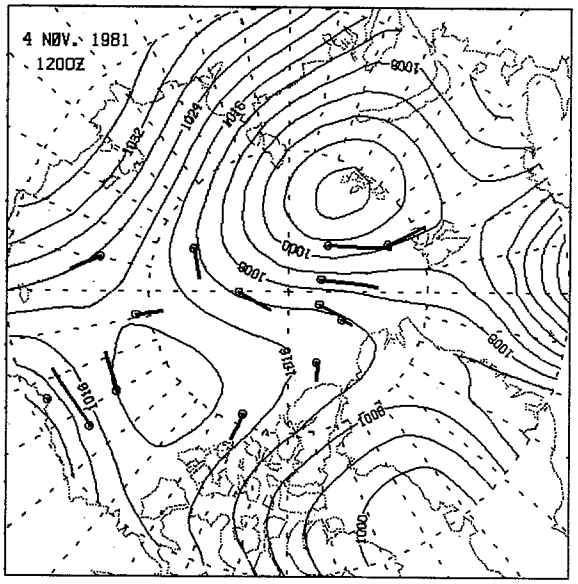
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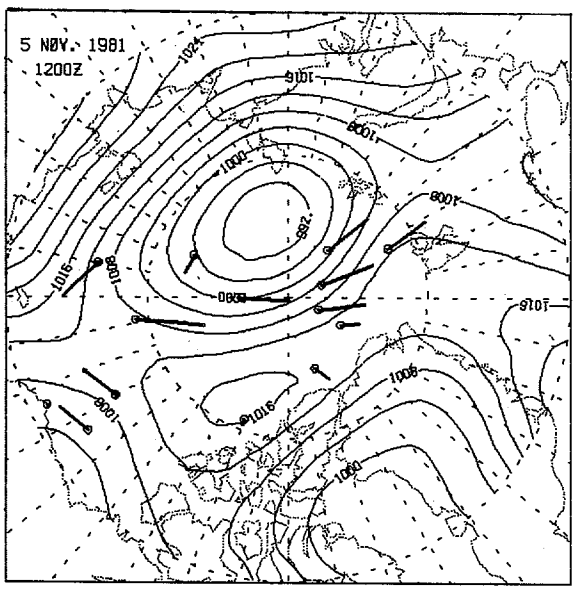
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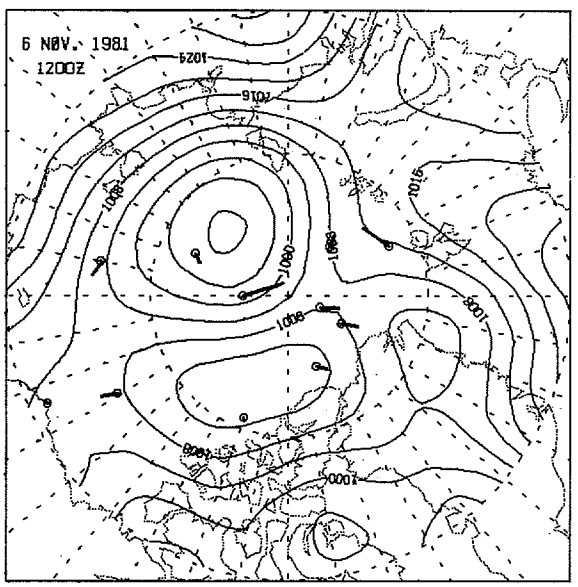
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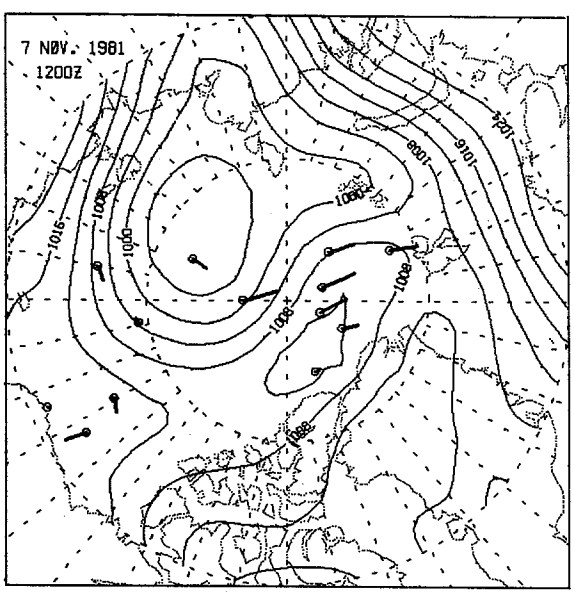
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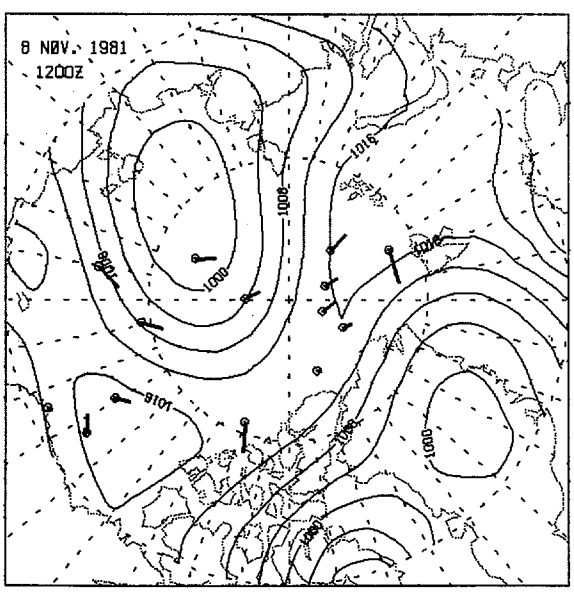
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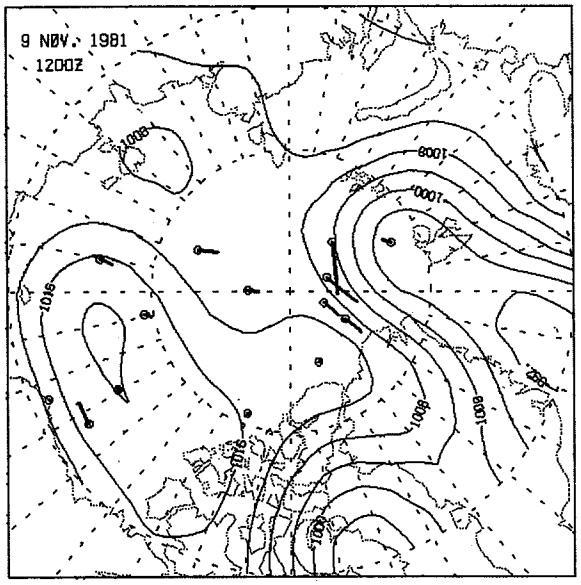
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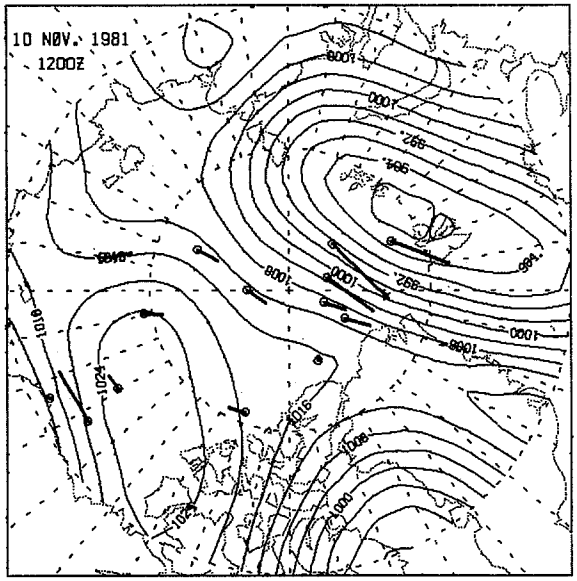
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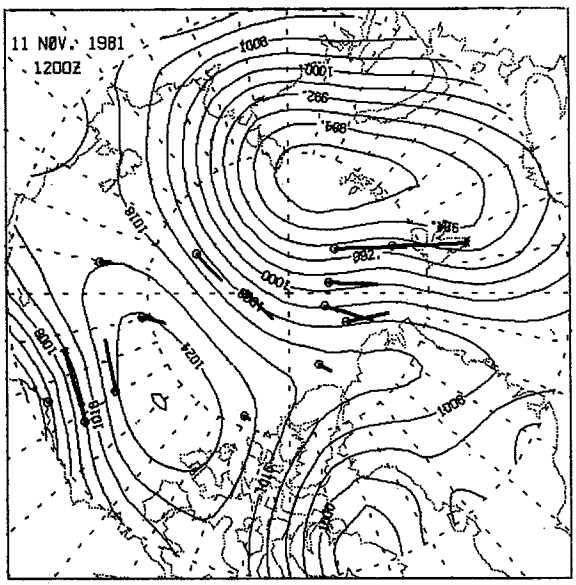
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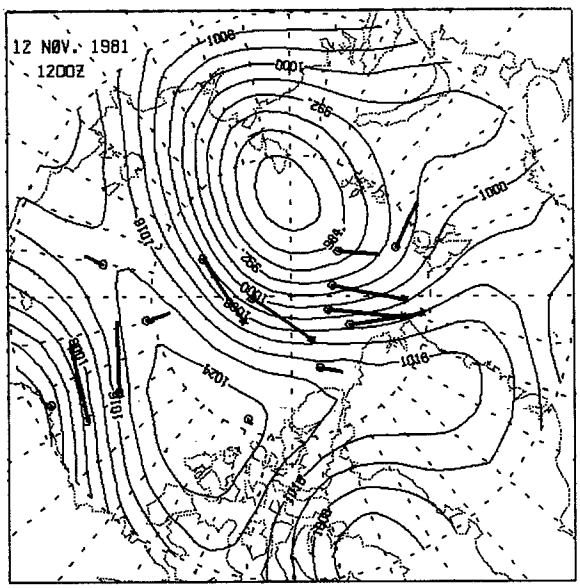
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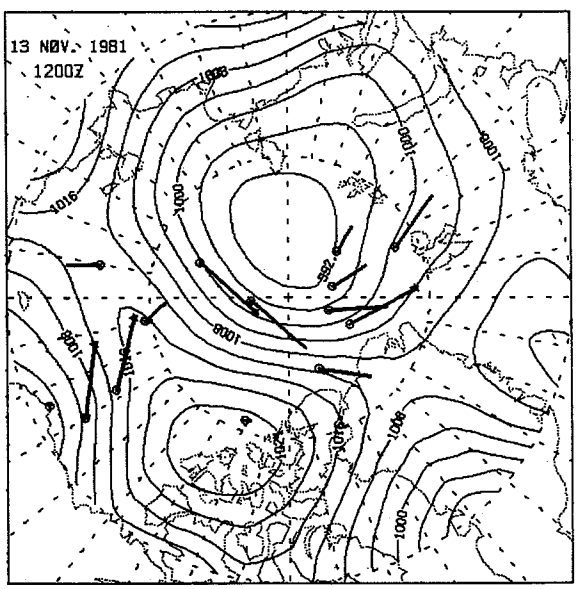
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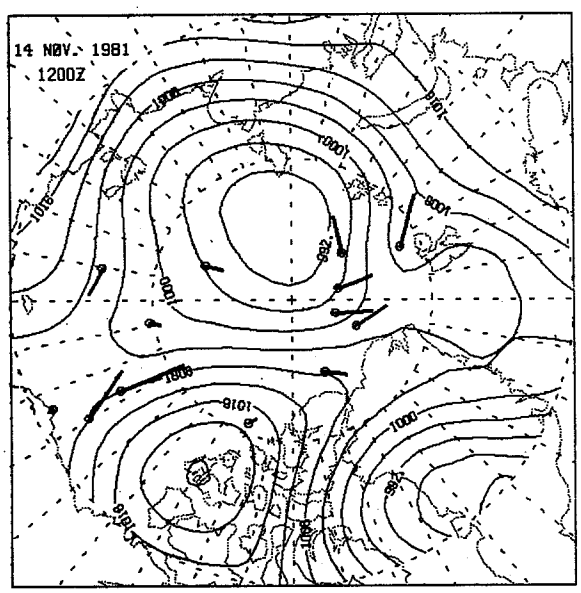
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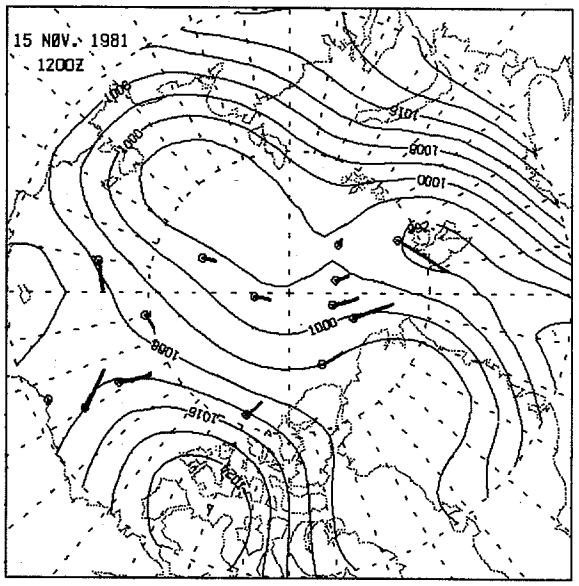
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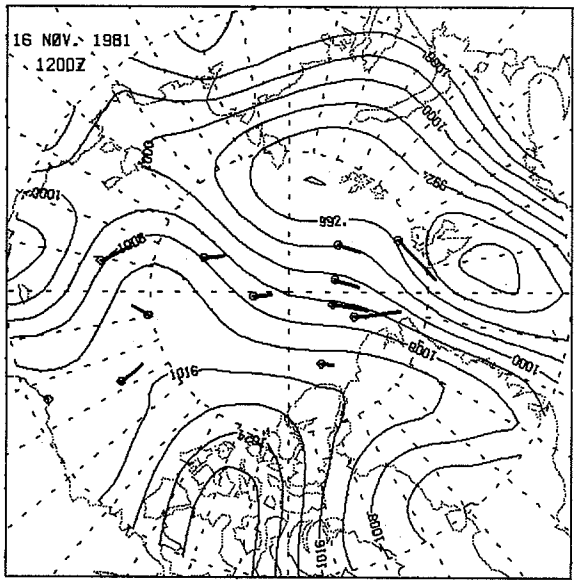
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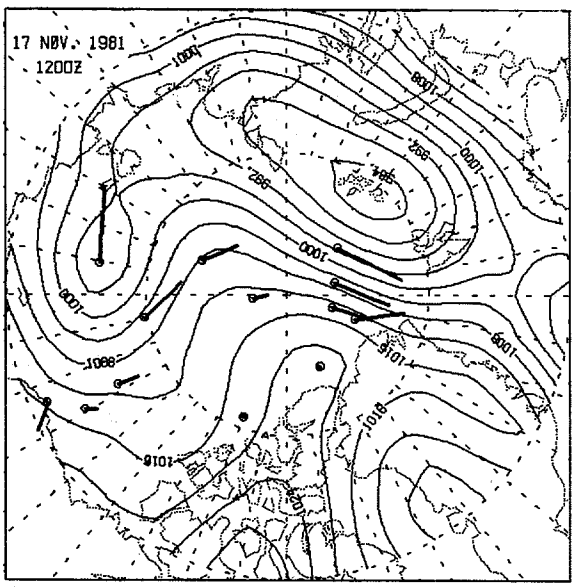
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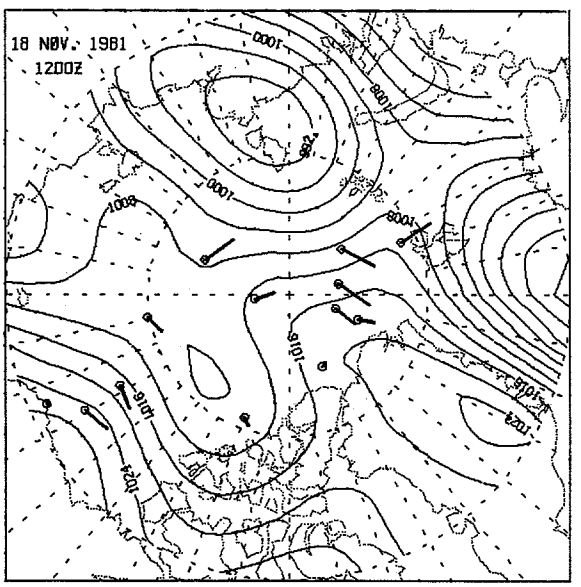
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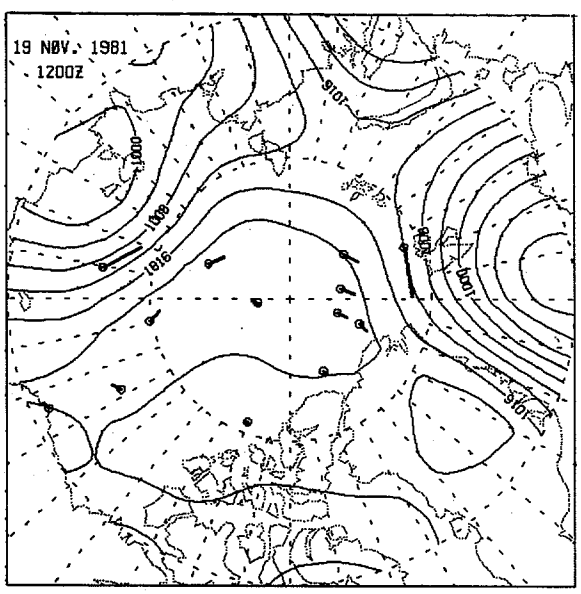
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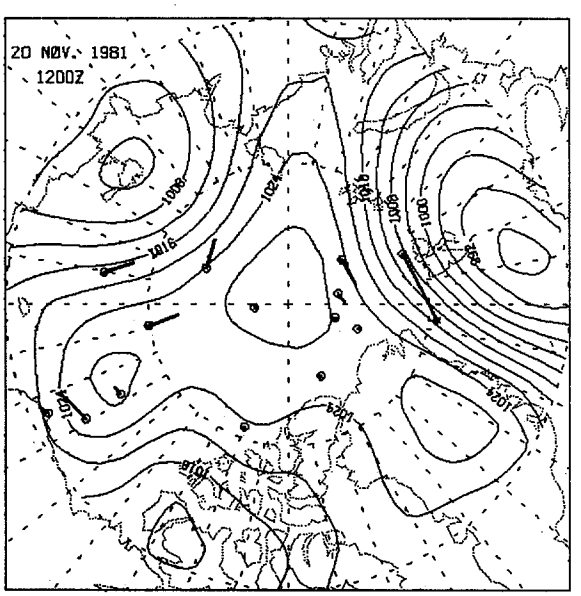
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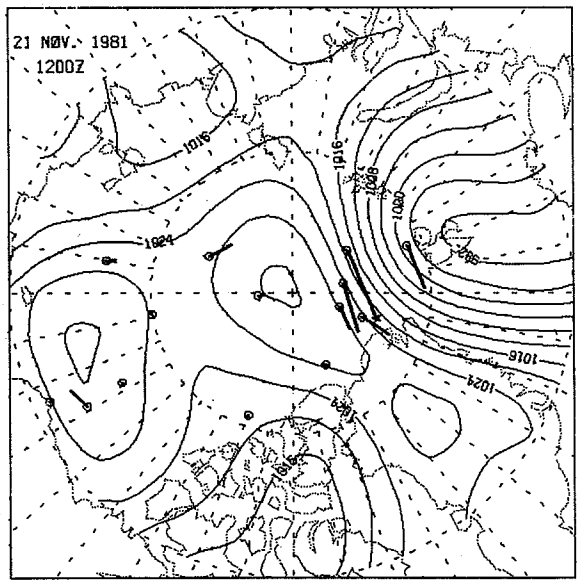
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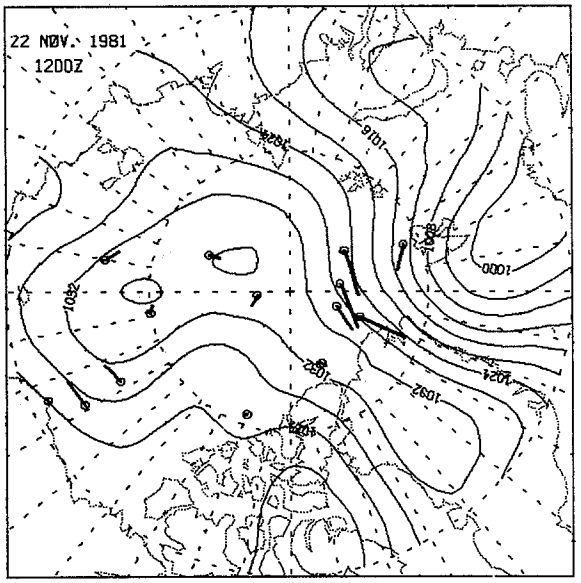
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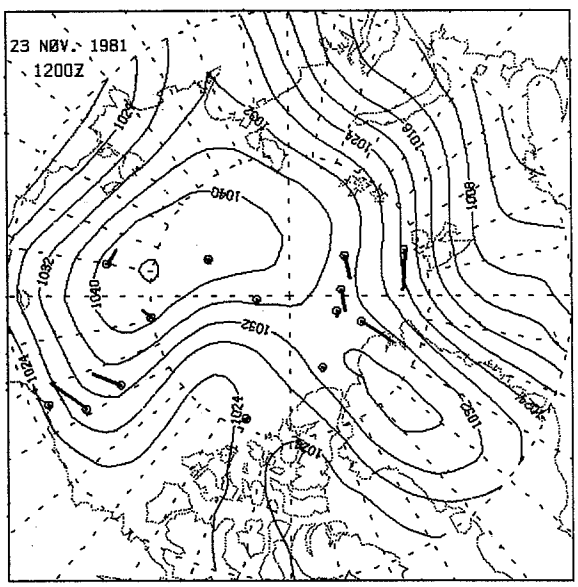
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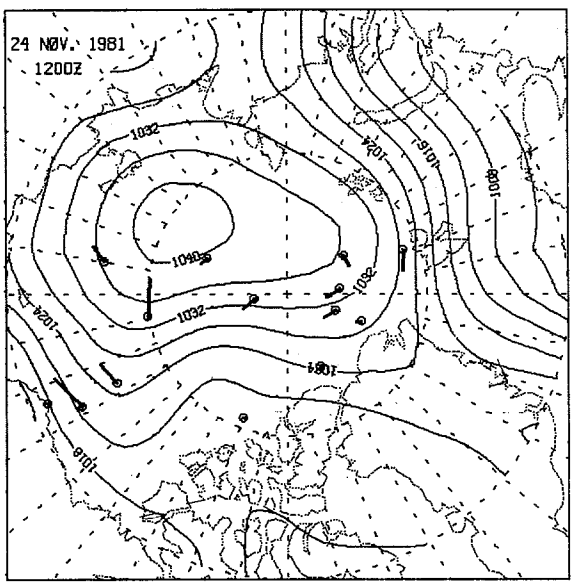
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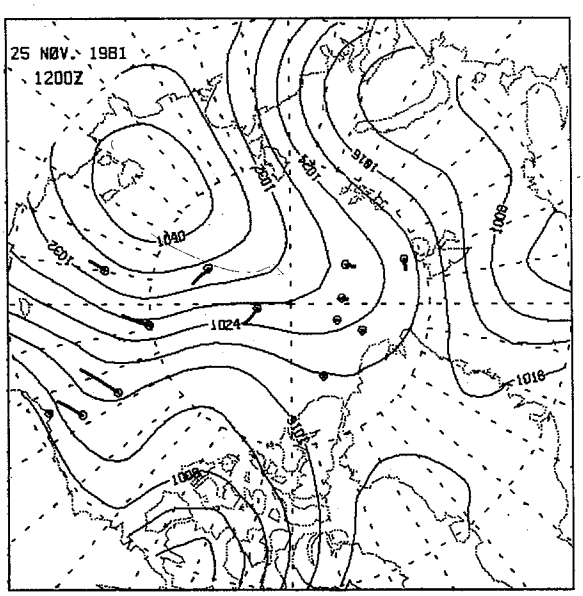
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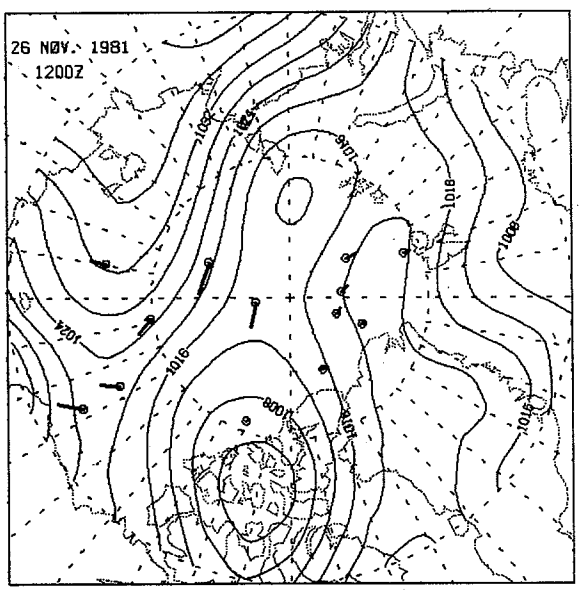
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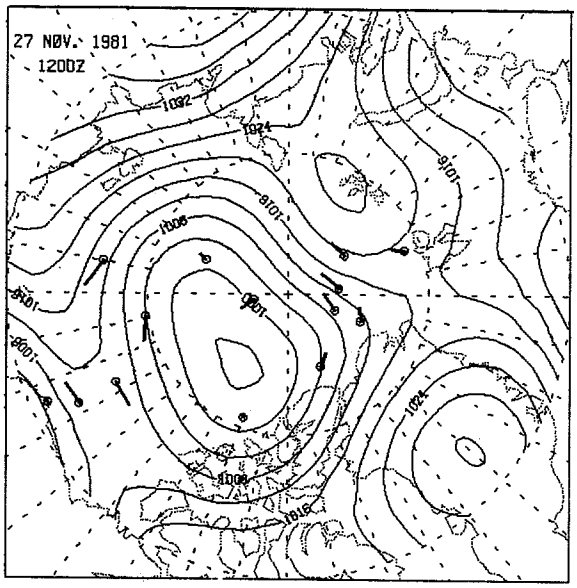
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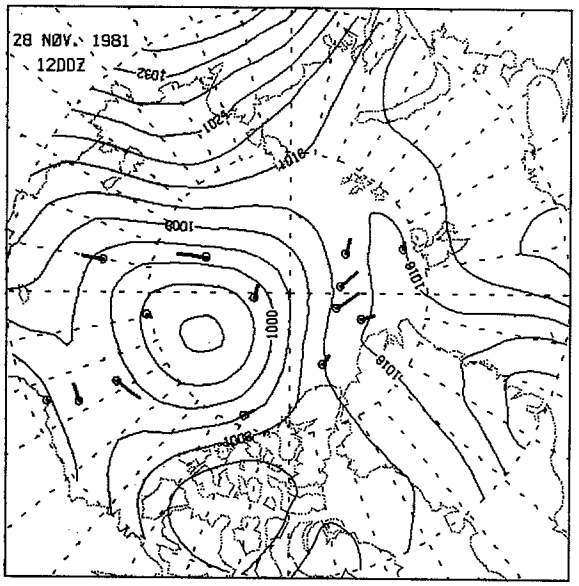
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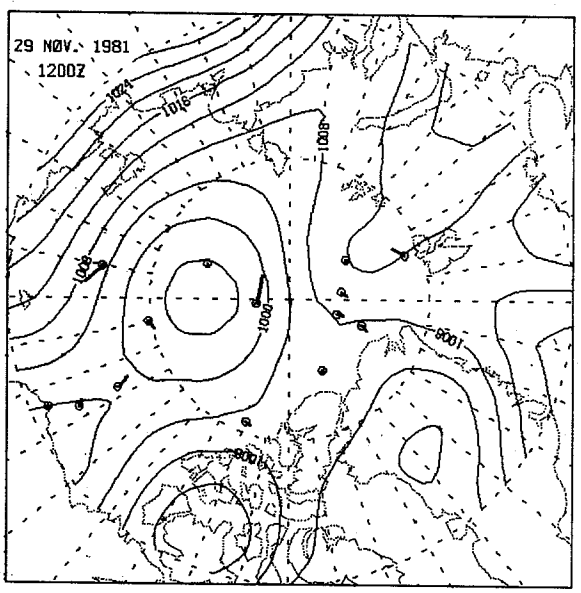
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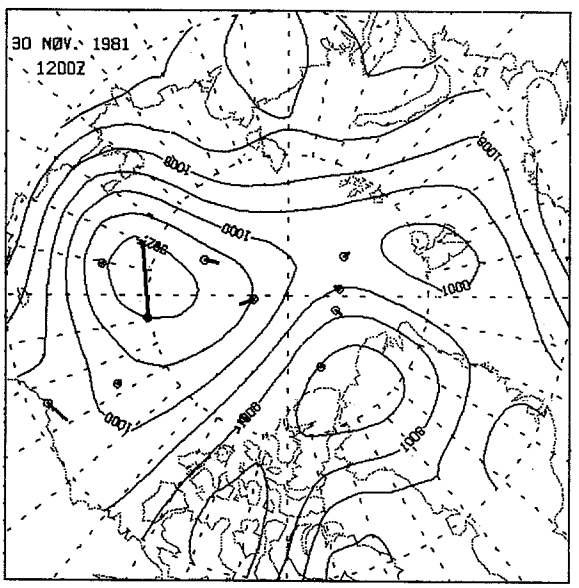
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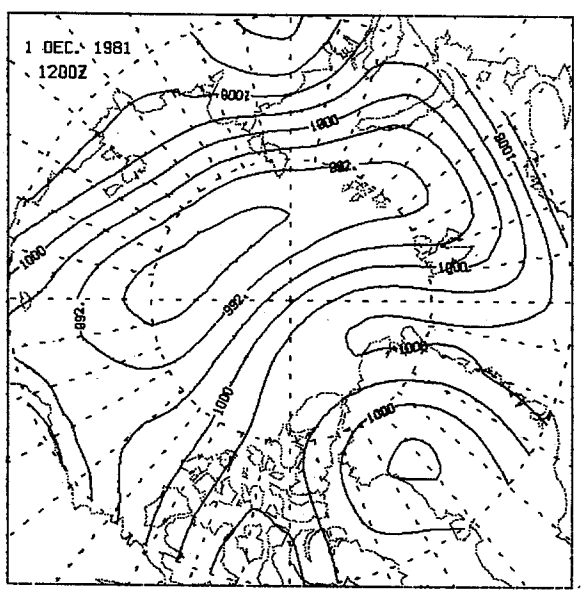
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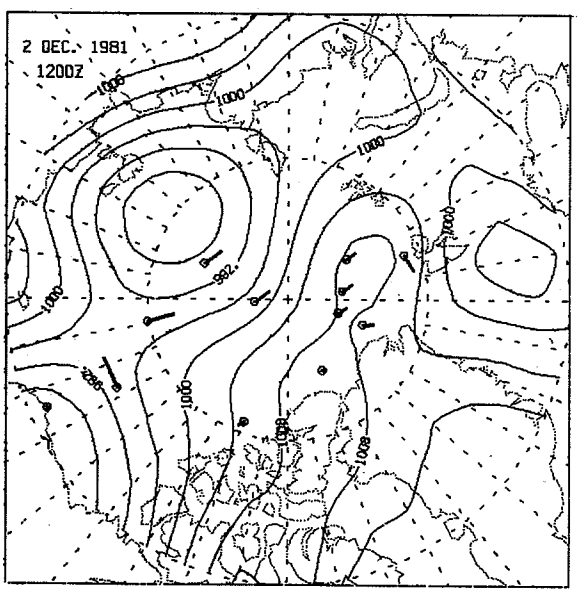
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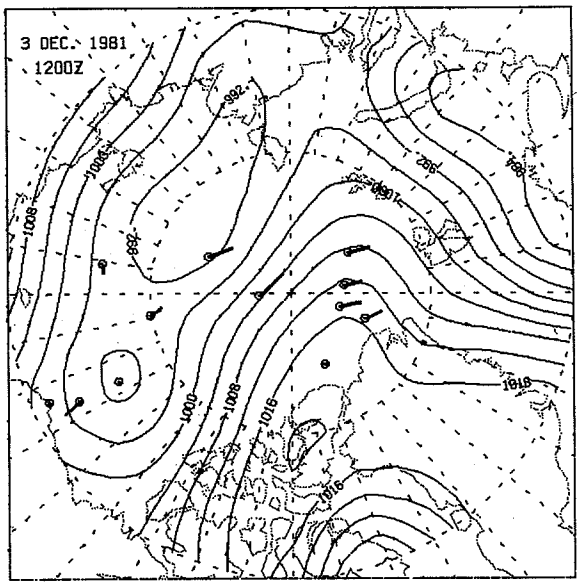
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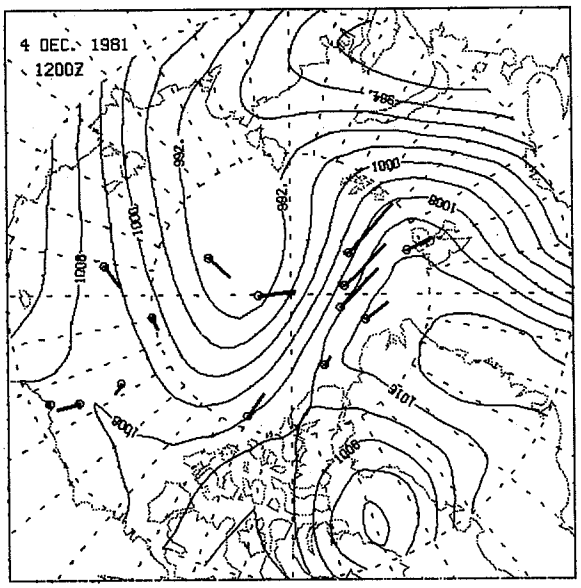
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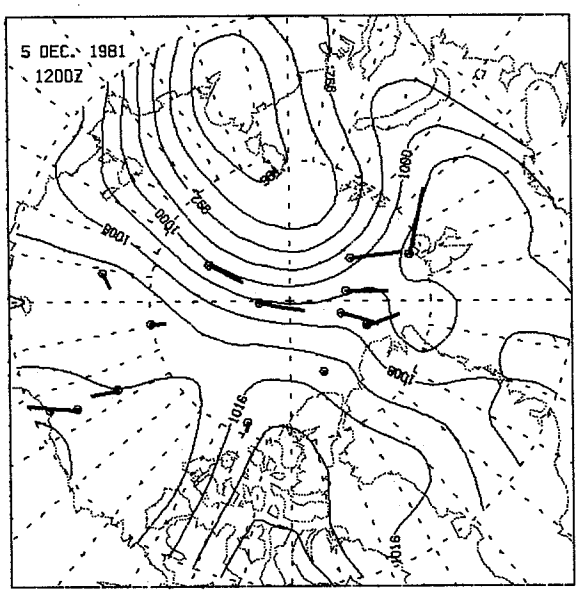
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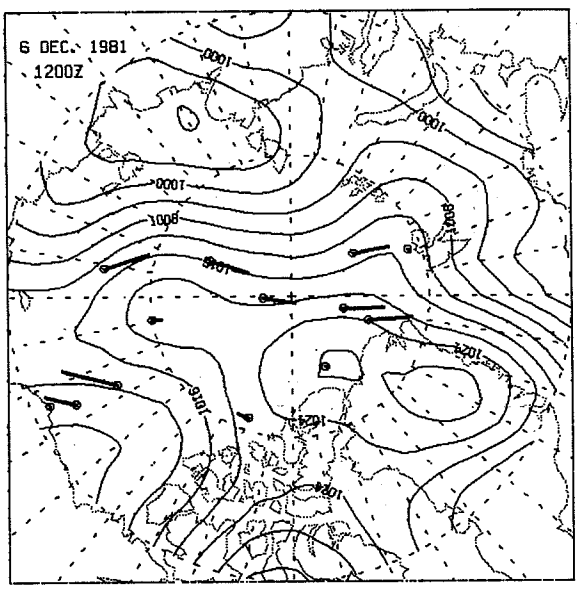
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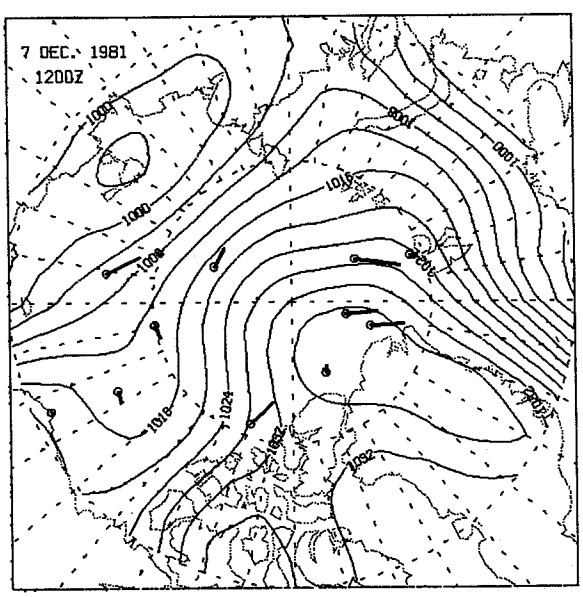
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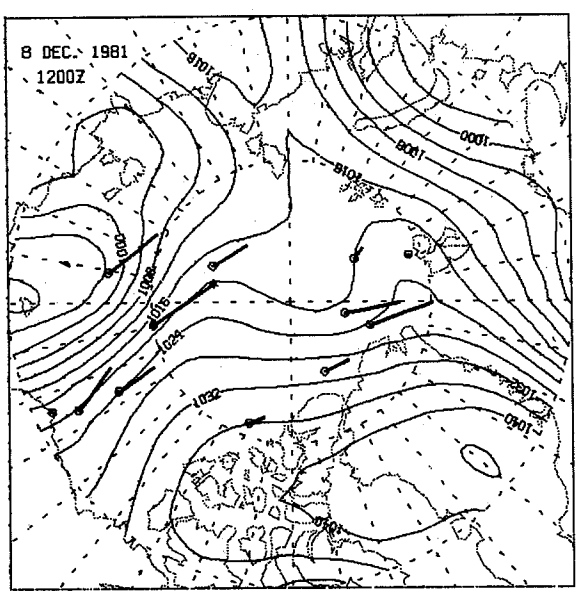
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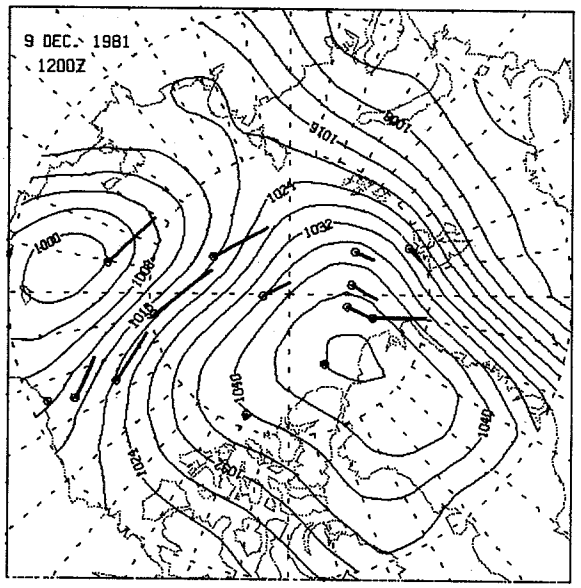
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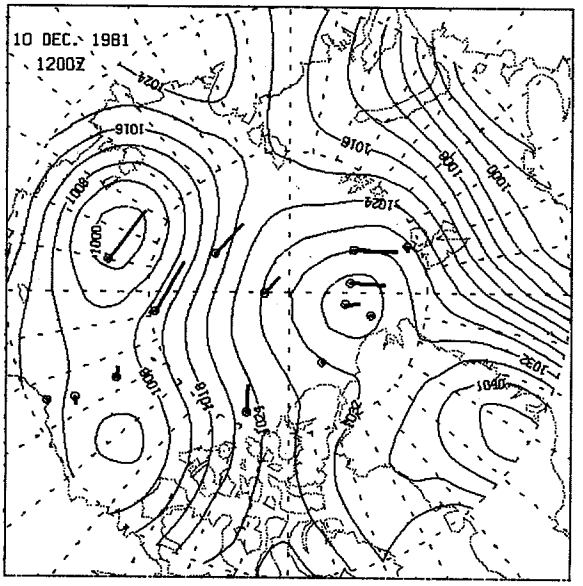
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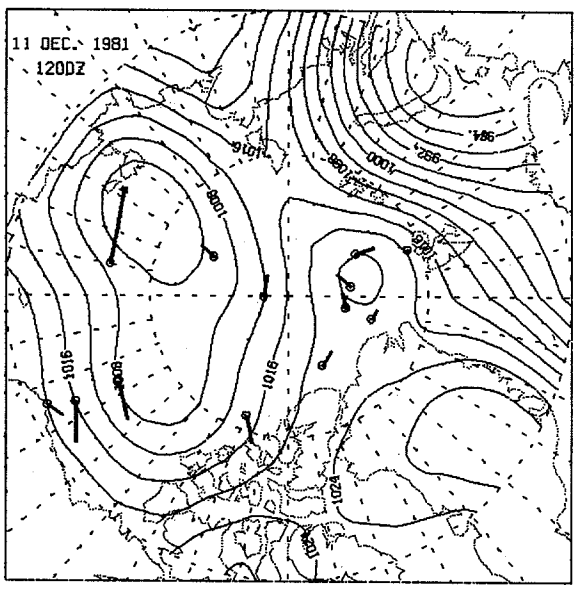
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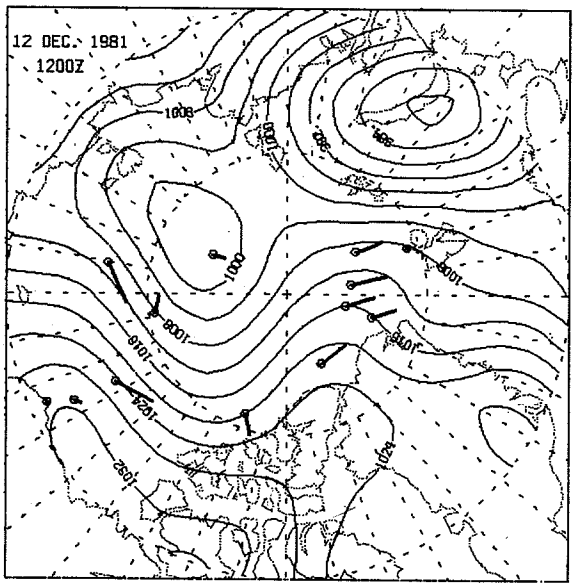
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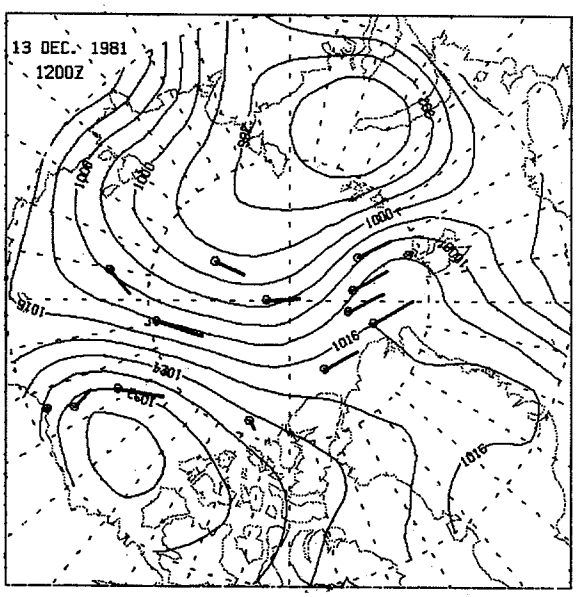
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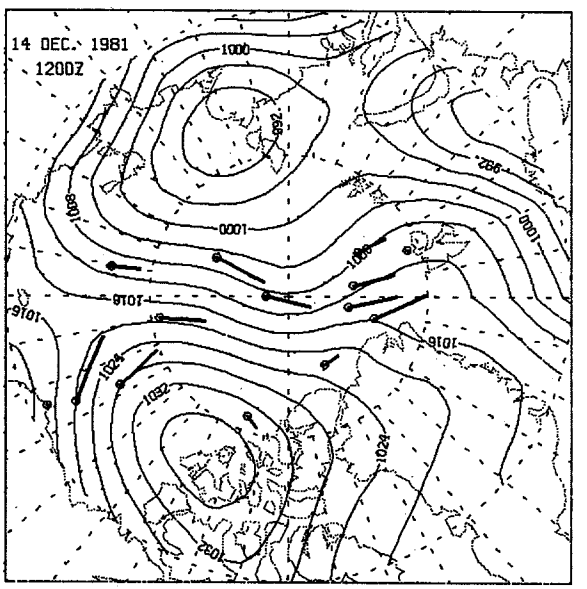
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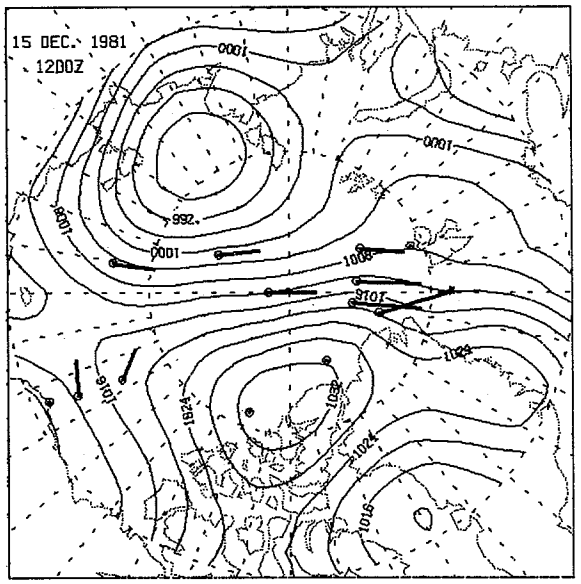
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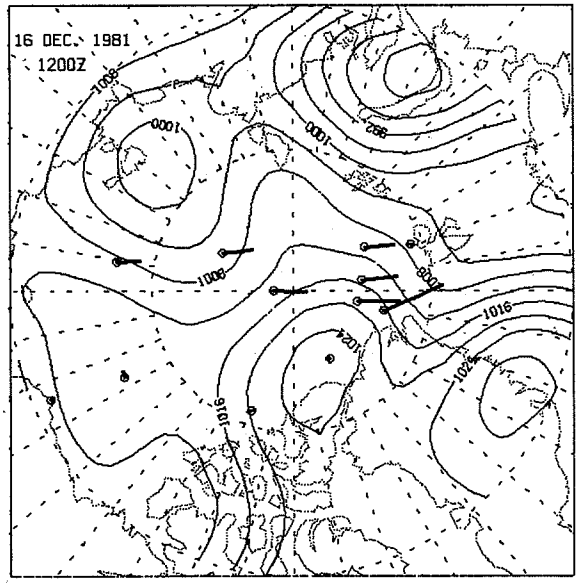
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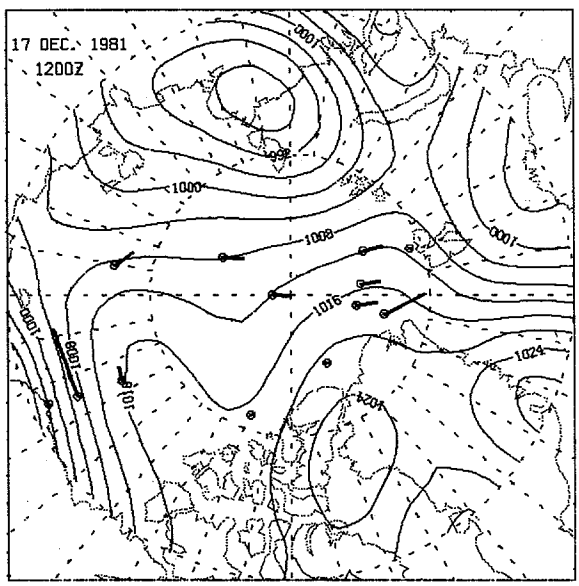
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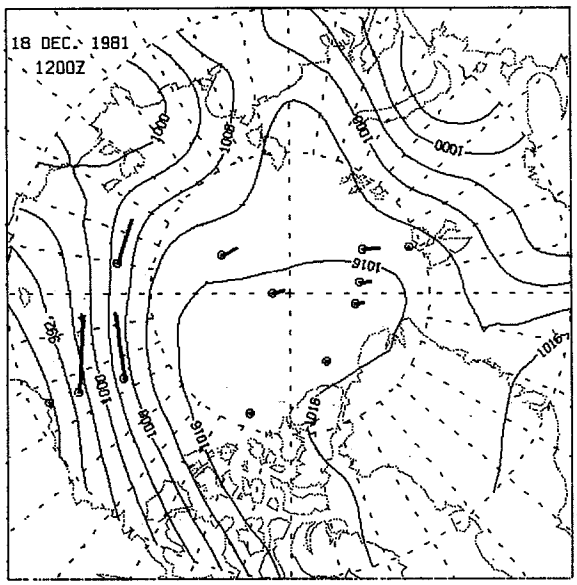
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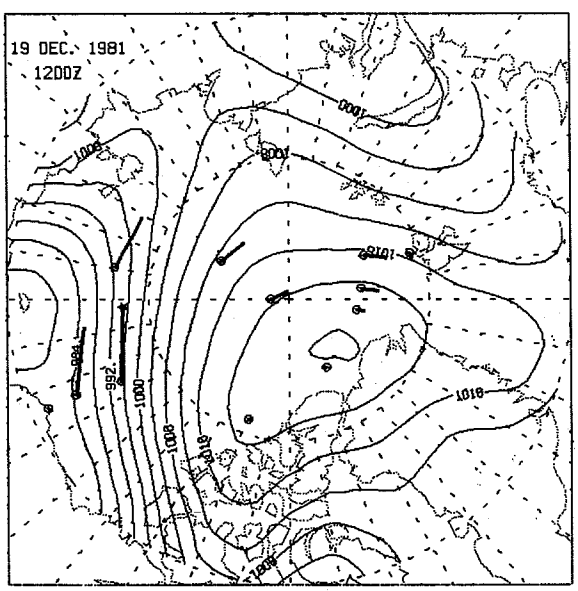
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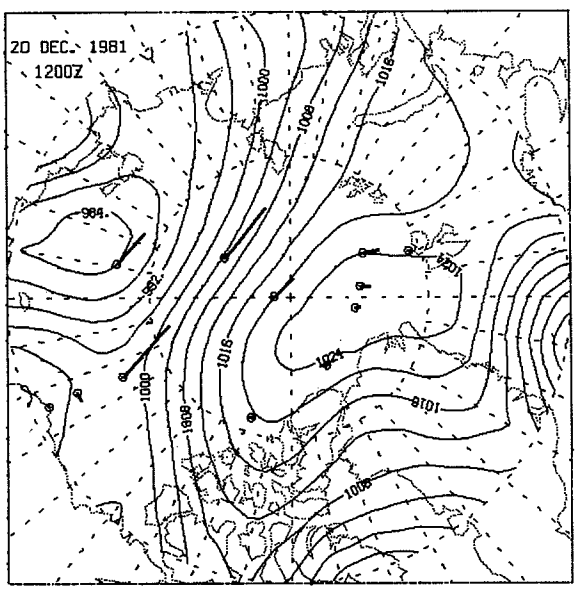
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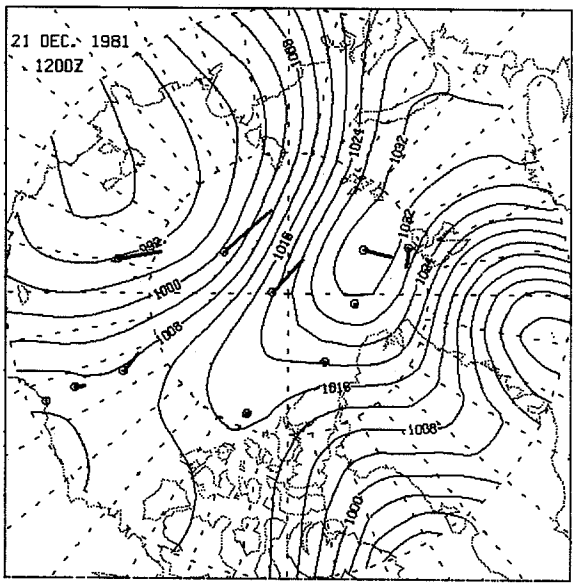
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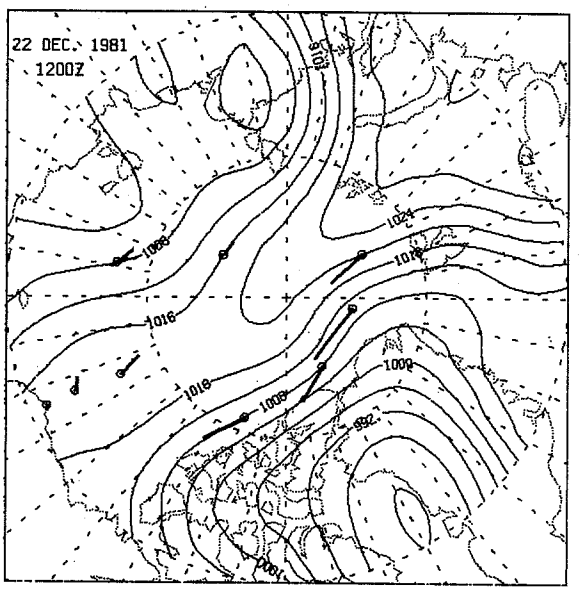
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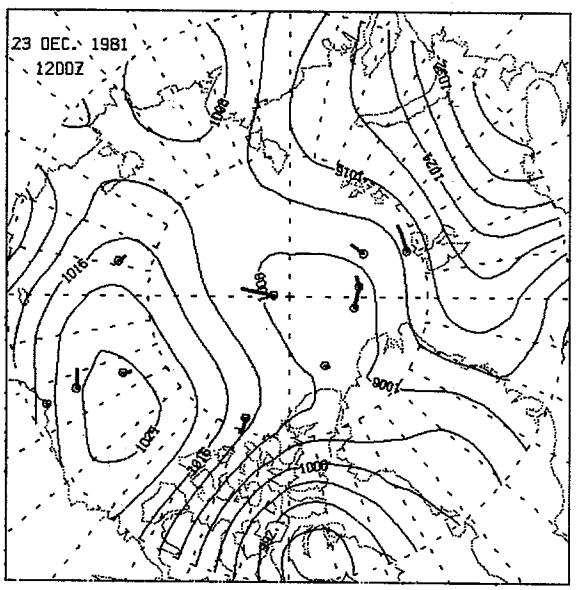
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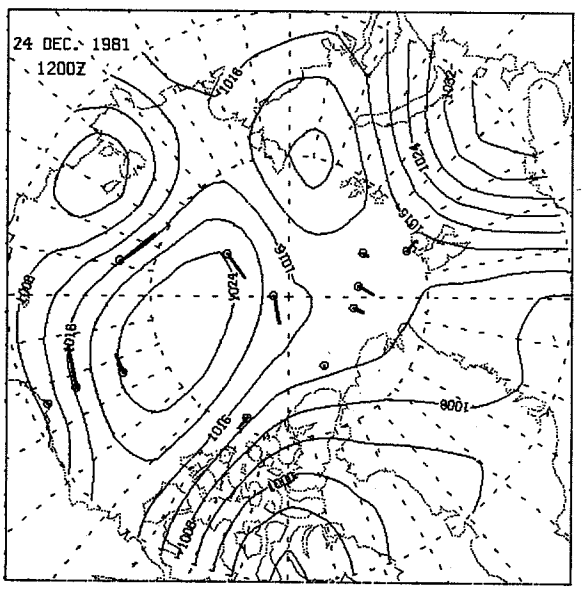
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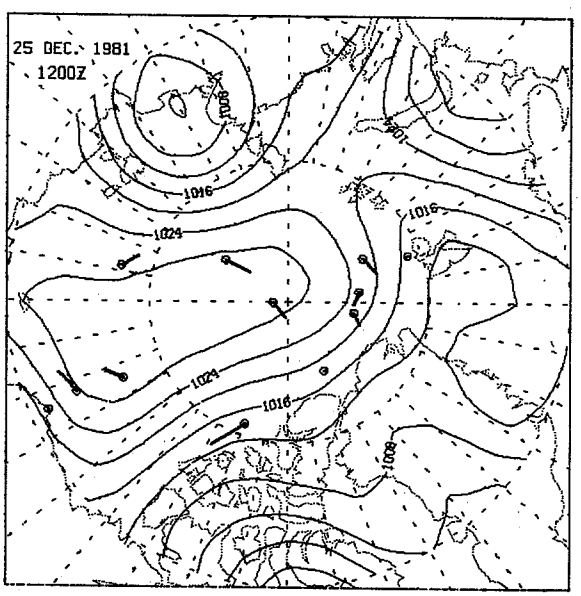
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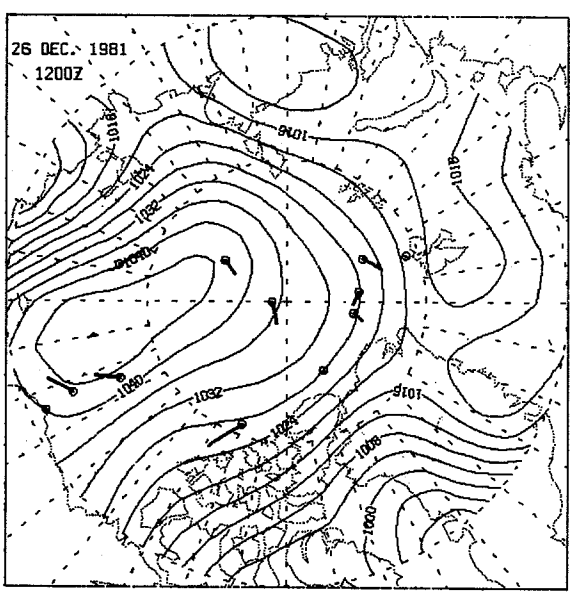
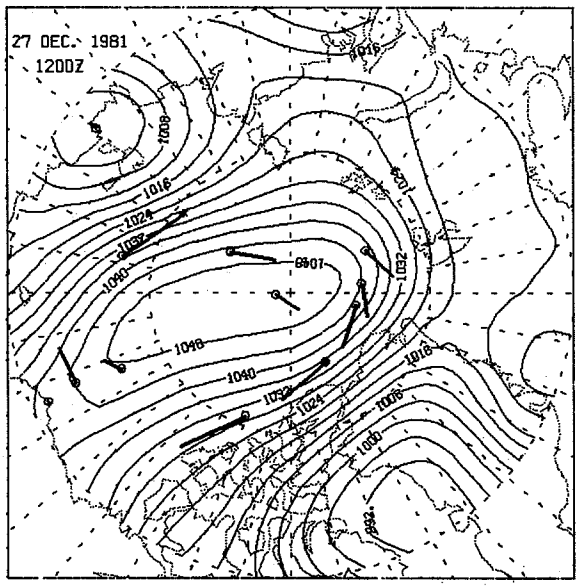
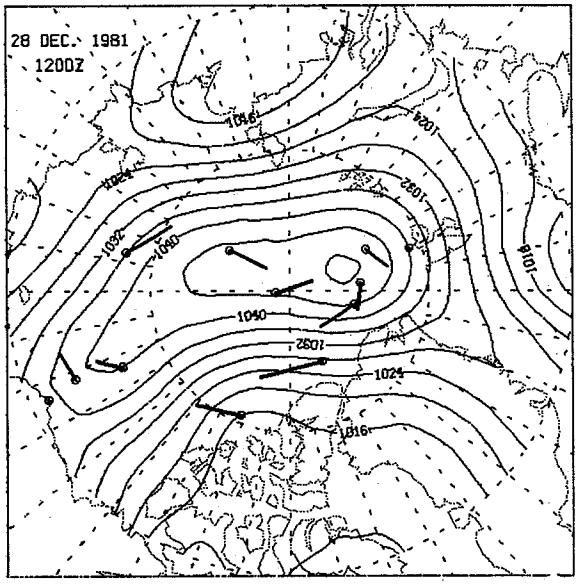
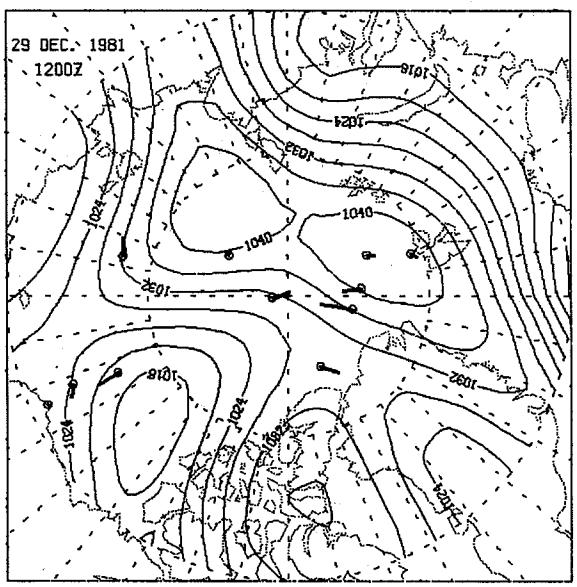
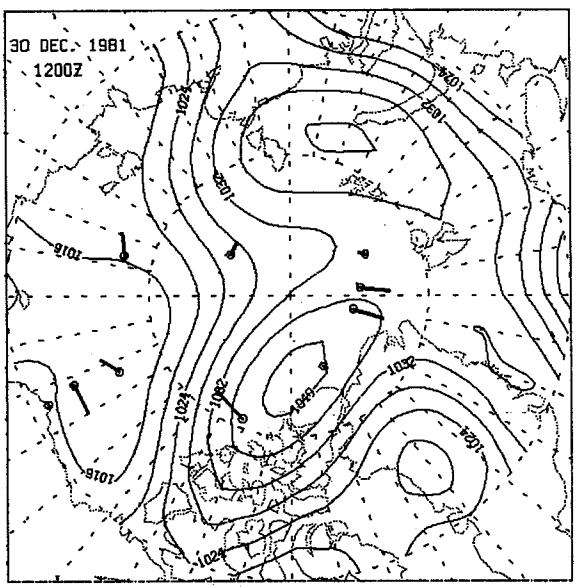
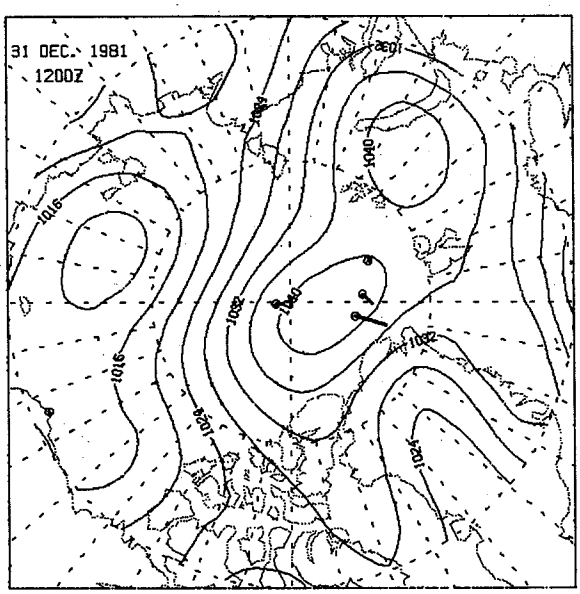

26 DEC. 1981
1200Z


27 DEC. 1981
1200Z

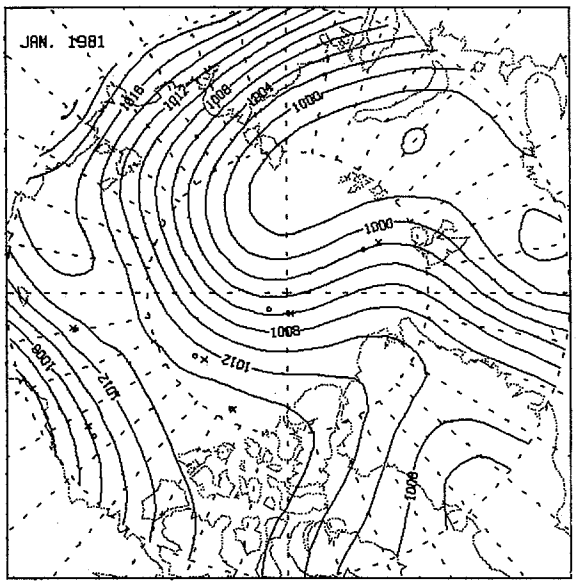

28 DEC. 1981
1200Z

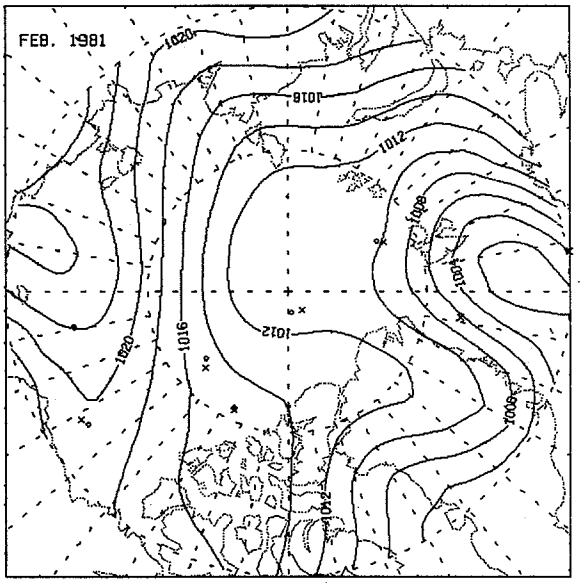

29 DEC. 1981
1200Z

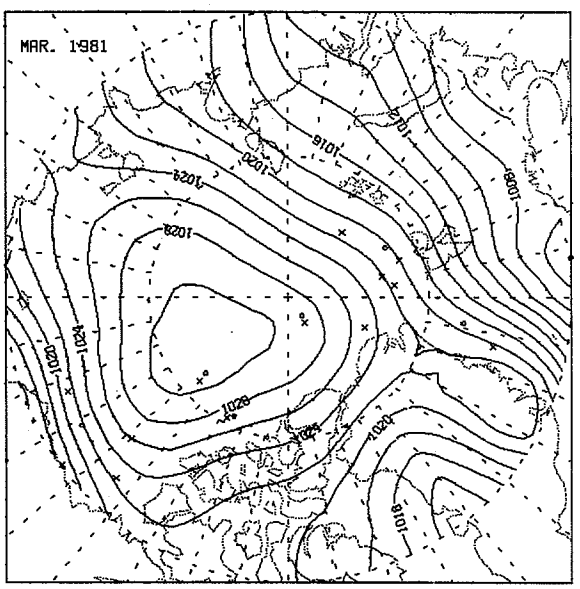

30 DEC. 1981
1200Z

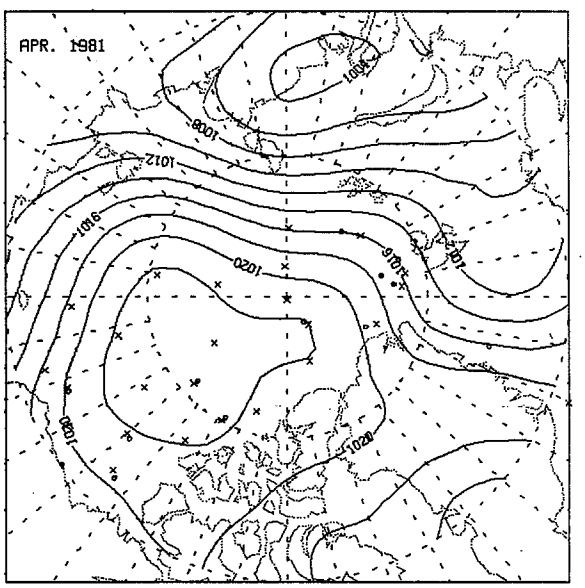

31 DEC. 1981
1200Z

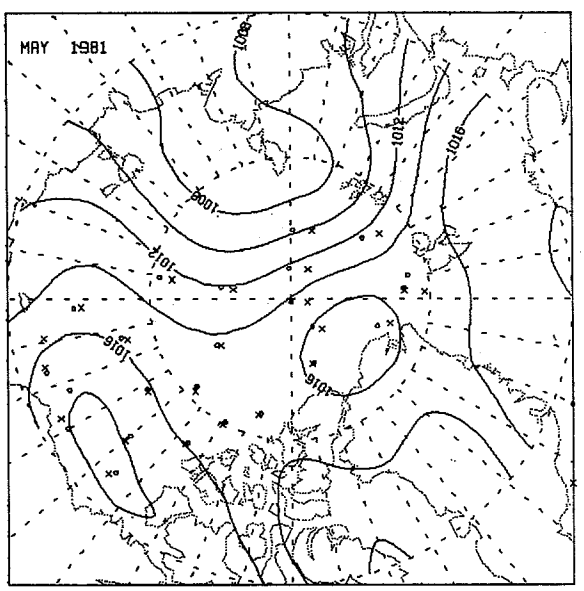
Monthly Average Pressure Fields. Average pressure fields are given for the months January 1981 through December 1981. The positions of buoys on the first and last day of each month are denoted by the symbols o and x.

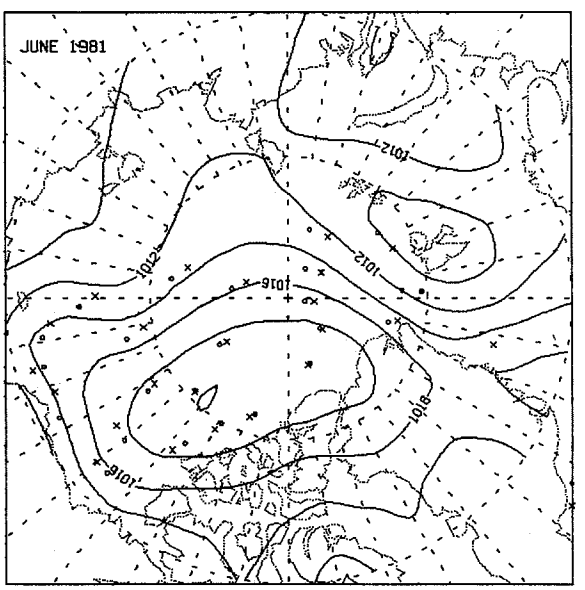

JAN. 1981
1016
1012
1008
1004
1000
1000
1008
1012
1012
1008

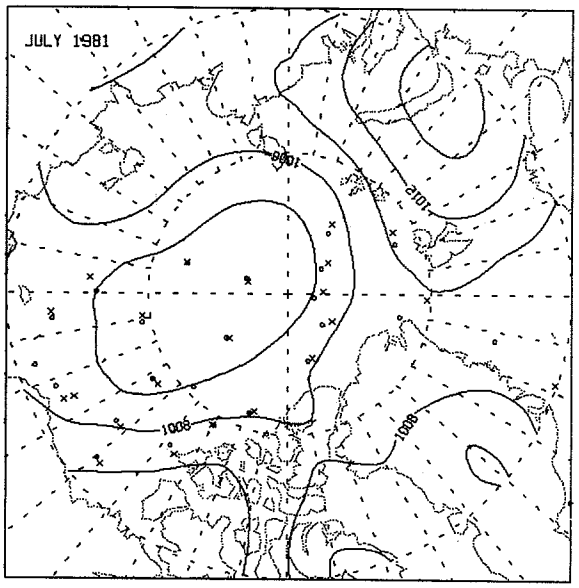

FEB. 1981
1020
1016
1012
1008
1004
1020
1016
1012
1008

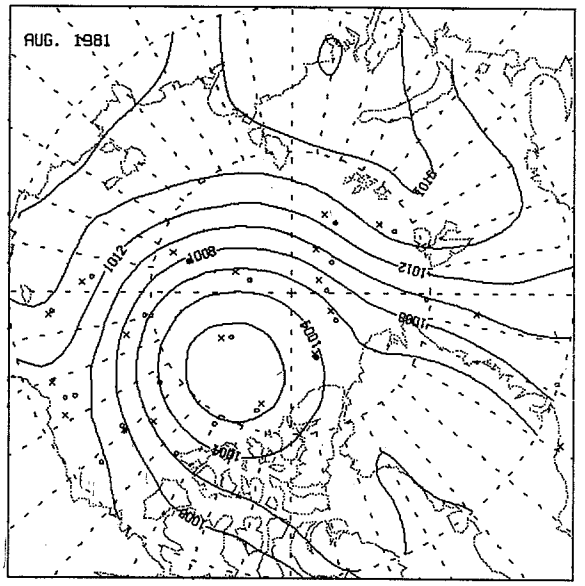

MAR. 1981
1016
1012
1008
1028
1024
1020
1028
1024
1020
1028
1020
1016

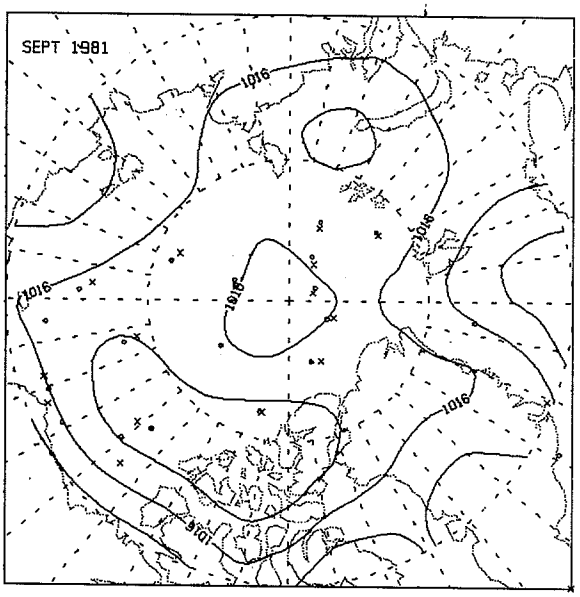

APR. 1981
1008
1004
1012
1016
1020
1016
1020
1020

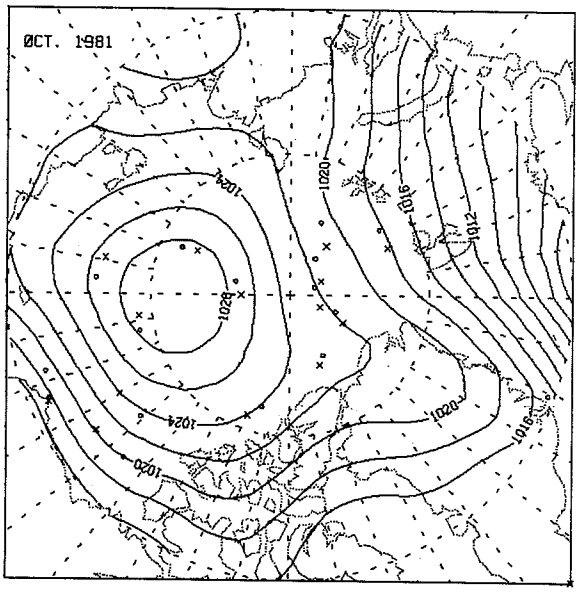

MAY 1981
1008
1012
1016
1016
1012
1008
1016
1016

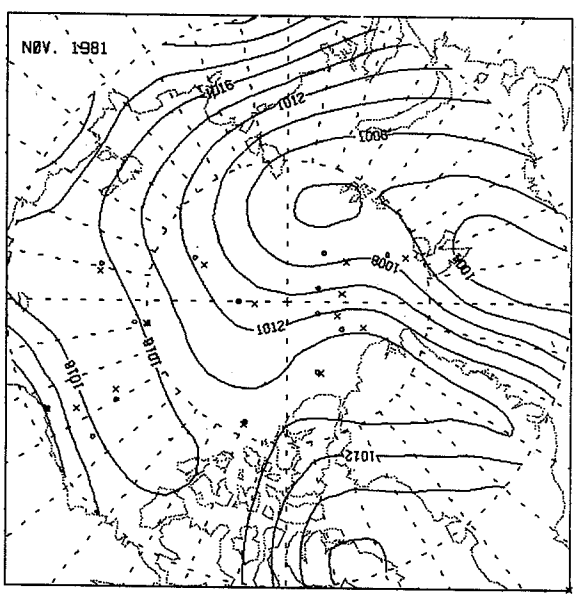

JUNE 1981
1012
1012
1012
1016
1016
1016

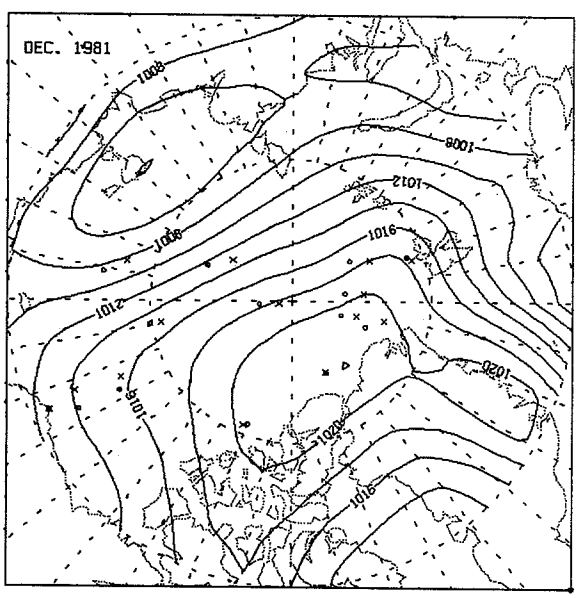

JULY 1981
1004
1008
1012
1016
1020


AUG. 1981
1004
1008
1012
1016

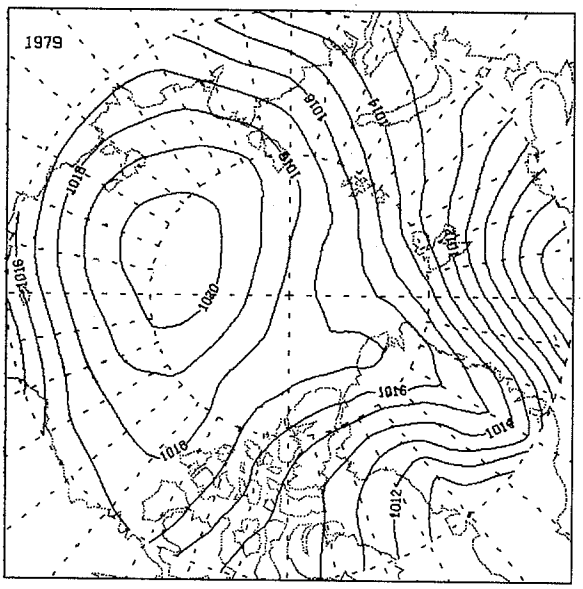

SEPT 1981
1016

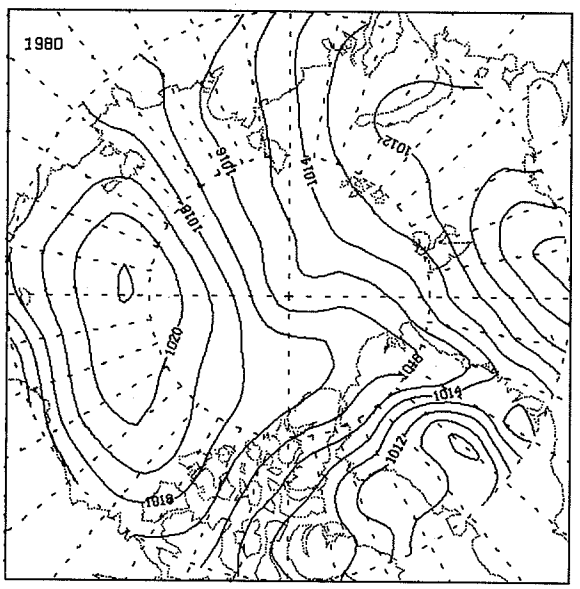

ØCT. 1981
1016
1020
1024

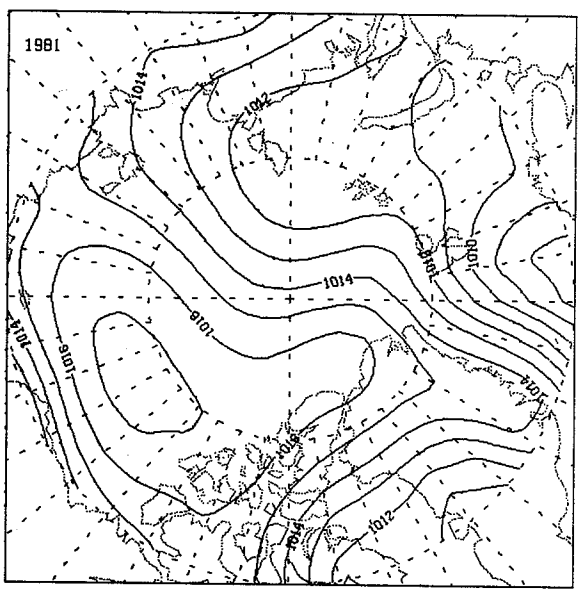

NØV. 1981
1004
1008
1012
1016
1020

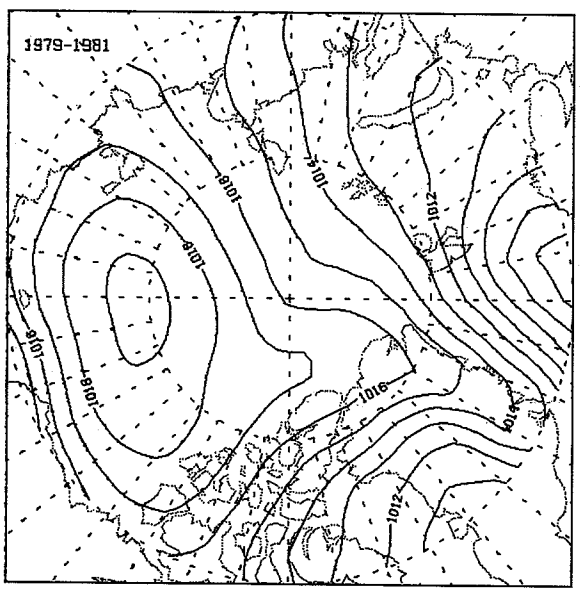

DEC. 1981
1004
1008
1012
1016
1020

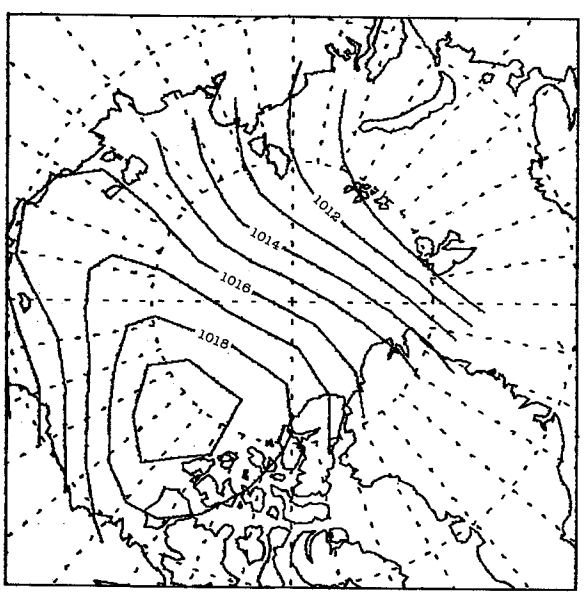
Annual Average Pressure Fields. Fields for 1979, 1980, and 1981 are given as well as the average field for the three years. For reference, the annual pressure field attributed to Felzenbaum is included.


1979
1020
1018
1016
1014
1012
1010


1980
1020
1018
1016
1014
1012
1010


1981
1014
1012
1010
1016
1018


1979-1981
1018
1016
1014
1012
1010


1018
1016
1014