Arctic Ocean Buoy Program

Data Report

1 January 1980 - 31 December 1980

by

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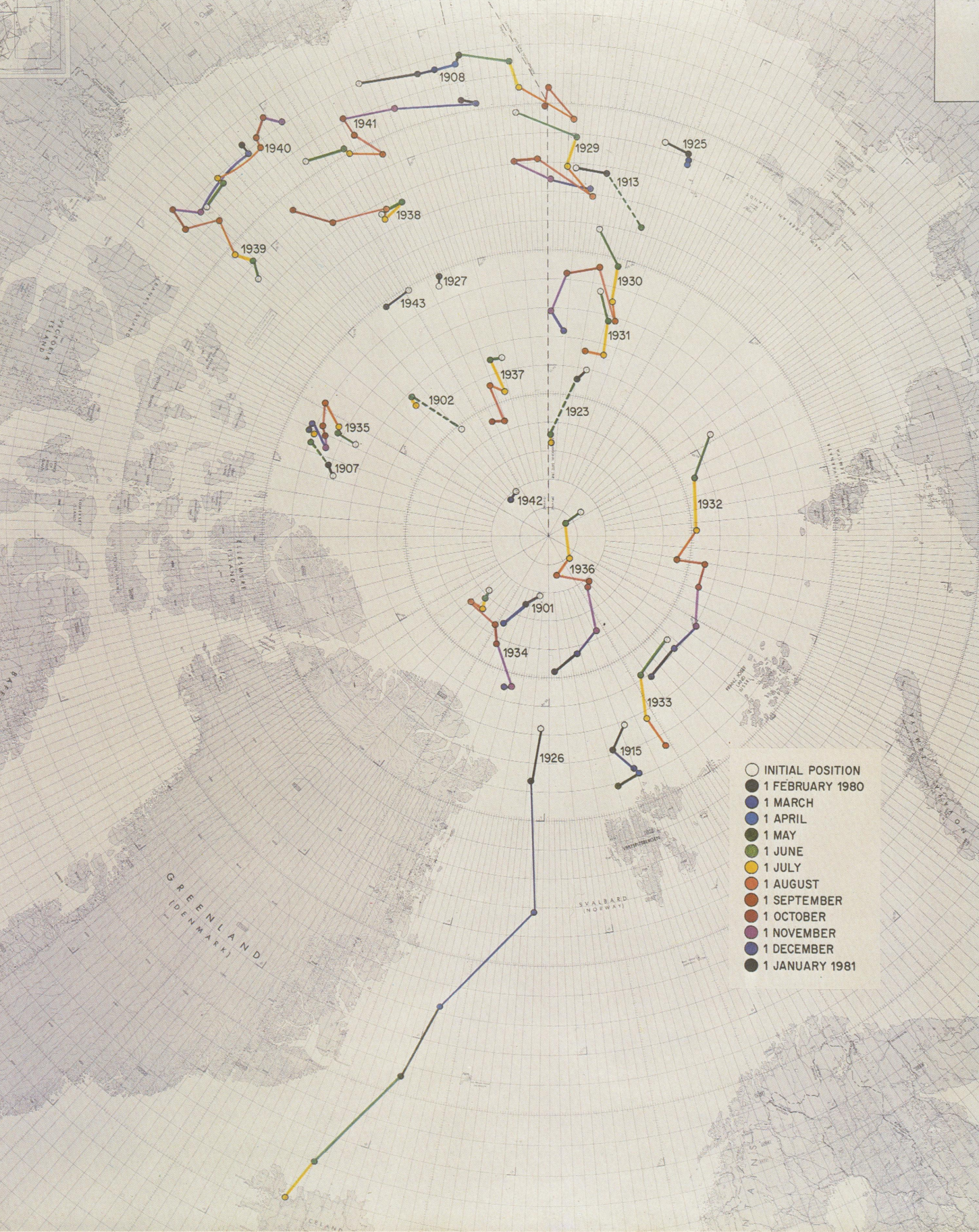
1981


1908
1941
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1907
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1932
1936
1901
1934
1933
1915
1926
INITIAL POSITION
1 FEBRUARY 1980
1 MARCH
1 APRIL
1 MAY
1 JUNE
1 JULY
1 AUGUST
1 SEPTEMBER
1 OCTOBER
1 NOVEMBER
1 DECEMBER
1 JANUARY 1981
GREENLAND (DENMARK)
SVALBARD (NORWAY)
ELLESMERE ISLAND
AXEL HEIBERG ISLAND
PRINCE OF WALES ISLAND
VICTORIA ISLAND
BANKS ISLAND
BAFFIN
ICELAND

Acknowledgment

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We also thank Richard Roberts for his contribution to the data processing effort.

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

CONTENTS

I INTRODUCTION

This is the second in a series of reports containing data from a program which monitors the ice motion, atmospheric pressure, and temperature over the Arctic Basin. Data from this program are available over the Global Telecommunications System for use in real time analysis and forecasting of ice and weather conditions. They also form a growing data base for studies of sea ice dynamics. The first report, Thorndike and Colony (1980), contained results from 19 January 1979 through 31 December 1979. This report continues on 1 January 1980 and covers through 31 December 1980. The report contains a brief text which updates the description of the measurement and data processing program contained in the earlier report. Again the bulk of the report is devoted to tables giving the location of each buoy, the atmospheric pressure and buoy temperature, every day, and to charts showing the surface pressure field and the daily ice motion. A new section of the report contains monthly average surface pressure fields for the two years 1979 and 1980.

II MEASUREMENT PROGRAM

Buoys with identification numbers between 1901 and 1928 were deployed in 1979. Several of these continued to operate for part of the year 1980, and are included in this report. Buoys with identification numbers 1929 through 1943 were deployed in 1980. Missions were flown on 23 April and 24 April to deploy numbers 1929 through 1941. Buoys 1942 and 1943 were deployed on 23 November. These 1980 buoys were identical to the 1979 buoys described in the earlier report.

The buoys are equipped with batteries sufficient for about one year of continuous operation. Many buoys fail before their batteries are exhausted. The buoys cannot withstand severe stresses, and probably have little chance to survive if they find themselves in a region of active ice deformation. The shortest lifetime we have had was 70 days for buoy 1911; the longest was 431 days for buoy 1925; the median is 300 days.

Pressure Measurements

Several attempts were made to confirm the calibration constants for the pressure sensors. The results are given in Table 1. The tabulated values were obtained by making several readings of the pressure and temperature words from a buoy during a period of a few minutes to a few hours. Nearly simultaneous

readings were made on a reference barometer. Except during the NCAR overflights, the reference barometer was the Negretti and Zambra precision aneroid barometer MK2, Type No. M2236, serial number 750. This barometer is used as our portable reference. It is periodically checked against our in-house reference and against the reference at Paroscientific, Inc. A correction of -1.25 mb is applied to the N&Z 750 to give agreement with the Paroscientific reference. The raw buoy readings were converted to millibars using the calibration constants supplied by the buoy manufacturer. The tabulated value is the median of several values of the form:

(N&Z 750 reading) - (1.25 mb N&Z correction) - (converted buoy reading).

Generally the scatter among the several readings amounted to less than 0.2 mb.

TABLE 1. Pressure calibrations

Test location:	Santa Barbara	Fairbanks	Fairbanks	Fairbanks	Beaufort Sea	Resolute
Date, 1980:	8-9 April	19 April	20 April	20 April	28,30 June	22 Nov.
Temperature:		15-17°C	3-6°C	4-7°C		12-14°C
Reference Sensor	N&Z 750	N&Z 750	N&Z 750	N&Z 750	NCAR Electra	N&Z 750
Buoy Identifier	(reference pressure) - (buoy pressure) in millibars					
1929	-0.05	-0.25	-0.40	-0.30		
1930	0.45	-0.05		-0.20		
1931	0.35	-0.40	-0.75	-0.60		
1932	-0.05	-0.35	-0.60	-0.50		
1933	-0.15	-0.30				
1934	0.15	-0.30	-0.65	-0.55		
1935	-0.25	-0.35	-0.45	-0.25		
1936	-0.15	-0.25	-0.30	-0.15		
1937	-0.35	-0.45	-0.75	-0.55		
1938	-0.05	-0.25	-0.55		-0.50	
1939	-0.45	-0.55	-0.85			
1940	-0.05	-0.20	-0.25	-0.10	-1.00	
1941	-0.35	-0.55			-0.80	
1942	-0.55	-0.90	-0.70			-0.90
1943	0.05	-0.10		0.05		0.10

The three values obtained from the NCAR Electra overflights were obtained in a different way. For these, the buoy data was interpolated in time to give a value at the time of the overflight. The pressure readings from the aircraft were first corrected to sea level using the measured altitude of the aircraft which varied from 30 to 100 meters. Then if necessary a spatial interpolation was made to get a value corresponding to the buoy location. This procedure seemed to give values which were consistent to within about 0.5 mb. The absolute comparison between the NCAR sensor and the Paroscientific reference is not known however.

Several conclusions can be drawn from the tabulated results. The pressures reported by the buoys and pressures measured independently agree to within one millibar. This gives a satisfactory level of confidence in the buoy data. However, it is somewhat worse than the expected accuracy of the buoy readings which is 0.5 mb. For some buoys the offset is consistent for all comparisons. In these cases a correction might confidently be applied to the buoy readings. For other buoys the offsets are not consistent and it is not clear what, if any, correction to apply. In any case the cause of the offsets is not known. Most of the tabulated values are negative which indicates that the buoys read higher pressures than the corrected reference barometer. The most encouraging conclusion from the table is that the long term drift appears to be less than the resolution of the test (~0.2 mb), supporting the sensor manufacturer's claim of good long term stability for the sensors.

In subsequent use of the pressure data no corrections are made. It is assumed that the pressure errors are functions of space having zero mean and standard deviation 1 mb.

Temperature measurements

A comparison of the temperatures reported by most of the buoys was also made just prior to deployment in April 1979. The buoys were moved from room temperature to the ambient outdoor temperature of about 5°C. After twenty hours had passed for the buoys to adjust to ambient conditions, the temperatures were recorded. The median of several readings for each buoy is entered in Table 2. There is a spread of 1.6°C in the readings. Whether the differences in the reported temperatures represent sensor errors or true variations in the internal buoy temperatures could not be determined. During the period of observations

some buoys may have received more direct solar radiation than others and some may have been better ventilated by the wind than others.

TABLE 2. Temperature comparisons, Fairbanks, Alaska, 20 April 1980. Ambient conditions are about 5°C.

Buoy identifier	Reported temperature
1929	4.8°C
1930	5.8
1931	6.0
1932	6.1
1933	---
1934	6.0
1935	6.4
1936	5.4
1937	5.3
1938	---
1939	---
1940	6.4
1941	---
1942	---
1943	5.5

The temperature sensor on buoy 1935 failed during or soon after deployment. The reported raw temperature reading, prior to conversion to physical units, was identically zero which probably indicated an open circuit somewhere in the electronics which sense and encode the temperature signal. This value gets decoded as a temperature of -9.4°C, and it is this temperature which is used to correct the pressure reading. This can be in error by as much as 20°C. The temperature sensitivity of the barometer is .037 $mb°C^{-1}$. Therefore a 20°C error causes a 0.7 mb error in pressure. No attempt was made to correct the pressures reported by buoy 1935 for this error.

In an analysis of the temperature data from the spring of 1979, we found that the reported buoy temperatures agreed fairly well with climatological air temperatures measured at drifting ice stations. In the summer however the buoy temperatures are a few degrees above freezing, whereas the climatological air temperatures remain below 1°C. These warm buoy temperatures indicate some radiational heating of the buoy, an effect which probably exists during the spring as well.

During the fall, monthly average temperatures at some buoys were as much as 10°C warmer than climatology. Considering that nearly 0.5 m of snow is deposited in the fall, we suspect the warm buoy temperatures occur at buoys which become completely or partly covered by snow. The measured temperature probably better indicates the average temperature of the snow layer than the air temperature. Users of the temperature data are cautioned that a direct correspondence has not been established between the measured temperature and any temperature of clear geophysical interest.

III DATA PROCESSING

The objective analysis procedure used to produce fields of surface pressure and pressure derivatives differs from the procedure described in the earlier report. The present scheme uses the surface analysis produced by the National Meteorological Center as an initial guess. The pressure measurements at the buoys and at the high latitude land stations are compared to the NMC field. Where they differ an adjustment is made to the NMC field. The details of the procedure follow.

1. The NMC field is obtained from NCAR in the form of pressure at a rectangular grid of points (Jenne, 1975). Coefficients are determined for a cubic function of two space variables, having the properties of fitting the grid point pressures and having continuous first and second derivatives at the grid lines. This is accomplished using bicubic spline techniques discussed by deBoor, 1962. With these coefficients it is possible to estimate the NMC pressure $p_{NMC}(x)$ at any point x.

2. At each measurement location x_i, find the innovation as the difference between the measured pressure p_i and the NMC pressure.

$$\tilde{p}_i = p_i - p_{NMC}(x_i)$$

3. Using optimal interpolation, Gandin (1965), find the correction at the uniform grid of points x.

$$\hat{p}(x) = \sum_{i=1}^{N} \alpha_i \tilde{p}_i$$

4. Add the correction to the NMC field

$$\hat{\hat{p}}(x) = p_{NMC}(x) + \hat{p}(x).$$

5. Estimate the pressure derivatives by repeating steps 3 and 4 at x + h rather than x and by using expressions of the form

$$\frac{\hat{\hat{\partial p}}}{\partial x} = \frac{\hat{\hat{p}}(x+h) - \hat{\hat{p}}(x)}{h} \quad , \quad h = 1 \text{ kilometer}$$

In the same fashion, the higher derivatives $\frac{\partial^2 p}{\partial x^2}$, $\frac{\partial^2 p}{\partial x \partial y}$, $\frac{\partial^2 p}{\partial y^2}$ are estimated. The crux is to estimate the weights α_i, i=1, ..., N for use in step 3. This is done to minimize the variance of the analysis errors

$$\varepsilon = p_{true} - \hat{\hat{p}} = p_{true} - p_{NMC} - \sum \alpha_i \tilde{p}_i$$

$$\varepsilon(x) = p_{true}(x) - p_{NMC}(x) - \sum \alpha_i \left[p_{true}(x_i) + e(x_i) - p_{NMC}(x_i) \right]$$

where $e(x_i)$ is the measurement error at site x_i, assumed to have zero mean and variance $\sigma^2 \approx 1$ mb^2 We wish to minimize $F(\alpha) = E\ \varepsilon^2$. This is achieved when $\partial F/\partial \alpha_i = 0$ for all α_i which implies

$$\sum \left[R_{ij} + \frac{\sigma^2}{q^2}\ \delta_{ij} \right] \alpha_j = S_i$$

where

$$q^2 R_{ij} = E\left[p_{true}(x_i) - p_{NMC}(x_i) \right] \left[p_{true}(x_j) - p_{NMC}(x_j) \right]$$

$$q^2 S_i = E\left[p_{true}(x) - p_{NMC}(x) \right] \left[p_{true}(x_i) - p_{NMC}(x_i) \right]$$

$$q^2 = E\left[p_{true}(x) - p_{NMC}(x) \right]^2 \approx 9 \text{ mb}^2 \text{ , and}$$

$$\sigma^2 = E\ e(x)^2 \approx 1 \text{ mb}^2 .$$

We also obtain the analysis error variance as

$$F = E\varepsilon^2 = q^2 \left(1 - \sum_i \alpha_i S_i \right).$$

This procedure relies on the correlation function R_{ij} for the errors in the NMC analysis. This function is taken to depend only on the separation $R_{ij} = R(||x_j - x_i||)$. It can be estimated by examining the innovations $\tilde{p}(x_i)$, under the assumption that the measurement errors $e(x_i)$ are small. We have found that

$$R(s) \approx \exp(-s^2/A^2) \text{ for } A \sim 500 \text{ km}$$

which, combined with the value stated above for q^2, states that the errors in the NMC field have a standard deviation of about 3 millibars and a correlation length scale of about 500 kilometers.

The advantage of this interpolation scheme over the one used for the 1979 data is that it takes advantage of the NMC analysis. The NMC analysis is based on a much larger data set than we use, it has built in continuity in time and smoothness in space. In fact the 1979-1980 NMC fields are remarkably good in the polar region and can be used quite reliably. Some of the data from the buoys are used in the NMC analysis. The only reasons for doing the interpolation described here to make adjustments to the NMC field are i) we can be sure that all available buoy data are used and ii) greater care can be exercised in editting the buoy and land station data to eliminate errors.

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APPENDIX: AVAILABLE DATA SETS

Data sets A and B, described in the earlier report, have been replaced by the following data set which, for convenience, we label data set AB. Data sets C and D remain the same.

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 1980 = 10957.
LY	is the year less 1900. LY = 80
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 Celcius 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 1980 and ends with 1200 GMT 30 December 1980; a total of 2 x 361 x 365 = 263,530 records. One 2,400 foot magnetic tape is sufficient to hold the data. Data from 31 December 1981 are not available.

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 code minus 1900.
BLAT	is the buoy latitude in degrees north.
BLONG	is the buoy longitude in degrees east.

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

```
      INTEGER      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 derivatives 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

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telephone (206) 543-6613

Tabular Data. The tables give daily data for each buoy. The buoys are identified by their Argos identification number less 1900. Thus buoy 1901 appears as buoy 1. 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(1) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	87.964*	-8.348	1013.2	-18.3
3	3	87.916	-9.838	1005.0	-17.9
4	4	87.883	-10.440	1003.1	-19.6
5	5	87.811	-11.526	1001.6	-19.5
6	6	87.669	-11.982	1008.4	-20.1
7	7	87.570	-11.605	1015.6	-20.6
8	8			1018.6	-22.0
9	9	87.487*	-11.267	1014.6	-21.3
10	10	87.506	-12.256	1006.2	-19.6
11	11	87.547	-13.169	1012.4	-17.5
12	12	87.524	-13.417	1010.3	-15.8
13	13	87.579	-14.190	1022.0	-14.9
14	14	87.587	-15.046	1019.5	-13.7
15	15	87.686	-16.091	1016.1	-13.4
16	16	87.688	-16.813	1016.5	-12.9
17	17	87.612	-17.127	1006.7	-12.6
18	18	87.585	-17.515	1018.1	-12.4
19	19	87.552	-17.473	1022.9	-12.4
20	20	87.537	-17.450	1027.5	-12.6
21	21	87.518	-17.595	1037.7	-13.1
22	22	87.506	-17.739	1044.1	-13.5
23	23	87.522	-18.444	1022.6	-14.0
24	24	87.498	-17.639	1018.3	-13.9
25	25	87.386	-17.050	1032.4	-13.6
26	26	87.332	-17.146	1043.0	-13.6
27	27	87.283	-16.873	1033.6	-13.7
28	28	87.277	-16.785	1033.3	-13.9
29	29	87.292	-16.991	1033.2	-13.9
30	30	87.322	-17.562	1033.7	-14.0
31	31	87.376	-18.292	1032.6	-14.1

BUOY(1) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	87.471	-19.297	1033.3	-14.3
33	2	87.495	-20.034	1025.3	-14.0
34	3	87.476	-20.844	1014.1	-13.9
35	4			1013.5	-14.0
36	5				
37	6				
38	7				
39	8				
40	9				
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				
60	29				

BUOY(1) MAR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
61	1				
62	2				
63	3				
64	4				
65	5				
66	6				
67	7				
68	8				
69	9				
70	10				
71	11				
72	12				
73	13				
74	14				
75	15				
76	16				
77	17	86.415*	-27.976	1010.8*	-5.1*
78	18	86.296	-25.574	1006.3	-4.4
79	19				
80	20				
81	21				
82	22				
83	23				
84	24				
85	25				
86	26				
87	27				
88	28				
89	29				
90	30				
91	31				

BUOY(2) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	85.146*	-142.407	1035.1*	-35.4*
3	3				
4	4				
5	5				
6	6				
7	7				
8	8				
9	9	85.131*	-139.841	1024.6	-32.7
10	10	85.066	-139.645	1023.6	-33.3
11	11				
12	12	84.917*	-139.598	1023.8*	-32.4*
13	13				
14	14				
15	15				
16	16				
17	17				
18	18				
19	19	84.795	-139.843	1033.3	-30.9
20	20			1037.4	-31.3
21	21				
22	22				
23	23				
24	24				
25	25				
26	26				
27	27	84.846	-139.780		
28	28	84.861	-139.889	1037.2	-30.4
29	29	84.834	-140.020	1033.2	-29.8
30	30	84.778*	-140.443	1030.0*	-29.1*
31	31				

BUOY(2) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1				
154	2				
155	3				
156	4				
157	5				
158	6				
159	7				
160	8				
161	9				
162	10				
163	11				
164	12				
165	13				
166	14				
167	15				
168	16	83.284*	-135.756	1011.4*	.0*
169	17	83.312	-135.163	1008.2	.6
170	18	83.314	-135.153	1014.6	1.3
171	19	83.322	-135.108	1019.4	1.6
172	20	83.325	-135.130	1023.3	3.1
173	21	83.374	-135.267	1018.2	2.5
174	22	83.417	-135.495	1015.9	2.1
175	23	83.465*	-135.722	1015.2*	1.3*
176	24				
177	25	83.503	-136.043	1012.4	2.6
178	26	83.477	-136.105	1017.0	3.2
179	27	83.443	-136.249	1022.8	3.3
180	28	83.408	-136.238	1021.9	5.2
181	29	83.390	-136.061	1017.6	5.2
182	30	83.393*	-135.964	1014.7*	3.0*

BUOY(7) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2				
3	3				
4	4				
5	5				
6	6	83.203*	-105.335	1031.0*	-29.1*
7	7	83.204	-105.288	1033.2	-28.7
8	8	83.200	-105.330	1018.5	-29.3
9	9	83.201	-105.324	1011.2	-29.1
10	10				
11	11				
12	12	83.110	-105.645	1022.2	-30.9
13	13	83.108	-105.639	1023.5	-31.6
14	14	83.104	-105.666	1021.4	-31.6
15	15	83.105	-105.725	1005.4	-30.7
16	16	83.107	-105.736	1021.7	-31.1
17	17	83.100	-105.689	1020.1	-29.6
18	18	83.104	-105.664	1021.4	-27.4
19	19	83.103	-105.695	1027.4	-28.3
20	20	83.105	-105.731	1029.7	-28.0
21	21	83.101	-105.658	1036.9	-28.2
22	22	83.105	-105.696	1033.3	-29.1
23	23	83.091	-105.959	1016.0	-29.3
24	24			1028.2*	-37.5*
25	25				
26	26				
27	27				
28	28	83.089	-105.977	1025.1	-25.8
29	29	83.037	-106.384	1019.8	-26.6
30	30	82.982	-107.202	1020.2	-26.1
31	31	82.963	-107.589	1019.2	-29.0

BUOY(7) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1			1024.5	-26.0
33	2				
34	3				
35	4				
36	5			1003.2*	-24.8*
37	6	82.946*	-108.534	1014.8*	-25.2*
38	7				
39	8			1012.4*	-25.2*
40	9				
41	10				
42	11				
43	12				
44	13	82.856*	-108.466	1014.5*	-23.6*
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				
60	29				

BUOY(7) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1				
154	2				
155	3				
156	4				
157	5				
158	6				
159	7				
160	8				
161	9				
162	10				
163	11				
164	12				
165	13				
166	14				
167	15				
168	16	82.055*	-112.081		
169	17	82.037	-111.809	1010.9	-.5
170	18	82.039	-111.812	1014.9	.3
171	19	82.037	-111.809	1020.7	1.0
172	20	82.039	-111.802	1025.1	1.6
173	21	82.042	-111.884	1020.1	1.8
174	22	82.052	-112.023	1017.3	1.3
175	23	82.072*	-112.078	1016.9*	1.7*
176	24				
177	25	82.094	-112.392	1010.1	2.2
178	26	82.058	-112.542	1012.1	2.1
179	27	81.993	-112.954	1017.9	1.9
180	28	81.932	-113.181	1019.3	2.9
181	29	81.920	-113.110	1018.2	4.4
182	30			1017.2*	5.4*

BUOY(7) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	81.924	-113.003	1013.9	5.7
184	2	81.925	-112.964	1012.9	3.8
185	3	81.923	-112.986	1016.0	3.5
186	4	81.922	-112.990	1018.2	3.0
187	5	81.918	-113.056	1023.3	2.8
188	6	81.904*	-113.169	1025.0	3.0
189	7	81.863*	-113.449	1024.8	2.2
190	8	81.832*	-113.792	1026.2	2.0
191	9	81.793	-114.022	1020.7	2.5
192	10	81.752	-114.210	1017.3	2.9
193	11				
194	12				
195	13				
196	14				
197	15				
198	16				
199	17				
200	18				
201	19				
202	20				
203	21				
204	22				
205	23				
206	24				
207	25				
208	26				
209	27				
210	28				
211	29				
212	30				
213	31				

BUOY(8) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	73.083*	-157.904	1033.4*	-26.7*
3	3	73.081	-157.900	1038.9	-28.3
4	4	73.074	-157.897	1046.7	-32.3
5	5	73.061	-158.003	1041.3	-32.1
6	6	73.045	-158.406	1034.4	-28.2
7	7	73.100	-158.665	1033.5	-25.2
8	8	73.115	-158.388	1028.6	-20.9
9	9	73.011	-157.984	1038.7	-22.7
10	10	72.989	-157.933	1044.7	-28.2
11	11	72.984	-157.959	1028.9	-29.8
12	12	72.950	-157.948	1006.6	-28.2
13	13	72.940	-158.409	1023.1	-29.1
14	14	72.850	-158.506	1007.8	-29.3
15	15	72.875	-158.800	1008.6	-28.6
16	16	72.836	-159.067	1005.0	-29.1
17	17	72.858	-159.198	1011.1	-29.3
18	18	72.849	-159.490	1014.9	-28.8
19	19	72.895	-160.547	999.5	-24.8
20	20	73.061	-161.343	1005.2	-19.9
21	21			1008.4	-17.6
22	22	73.328	-163.003	1001.1	-16.7
23	23	73.397	-163.684	1005.0	-16.7
24	24	73.399	-163.946	1024.6	-18.9
25	25	73.407	-163.960	1040.1	-24.6
26	26	73.474	-164.181	1030.5	-20.8
27	27	73.535	-164.359	1024.1	-16.7
28	28	73.500	-164.226	1033.0	-17.5
29	29	73.489	-164.182	1039.1	-20.1
30	30	73.464	-164.214	1032.5	-24.4
31	31	73.395	-164.295	1025.2	-24.2

BUOY(8) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	73.342	-164.420	1018.5	-25.6
33	2	73.280	-164.522	1014.9	-25.9
34	3	73.212	-164.670	1015.3	-28.4
35	4			1014.6	-30.3
36	5	73.122	-164.867	1009.5	-31.5
37	6	73.113	-165.057	994.5	-29.2
38	7	73.107	-165.079	1000.0	-27.2
39	8	73.089	-165.273	998.8	-24.6
40	9	73.099	-165.221	1014.4	-24.4
41	10	73.107	-165.449	1011.2	-24.5
42	11	73.200	-165.780	1014.4	-19.1
43	12	73.293	-165.988	1002.5	-14.8
44	13	73.381	-165.695	1023.1	-14.7
45	14	73.416	-165.765	1019.6	-15.3
46	15	73.457	-165.755	1015.9	-12.3
47	16	73.398	-165.678	1035.9	-17.3
48	17			1043.0	-25.1
49	18	73.296	-165.764	1035.0	-27.0
50	19	73.252	-165.885	1025.6	-27.2
51	20	73.197	-166.000	1024.9	-28.3
52	21	73.170	-166.017	1026.0	-28.4
53	22	73.165	-166.020	1022.3	-28.7
54	23	73.163	-166.050	1021.1	-29.0
55	24	73.158	-166.432	1000.3	-24.9
56	25	73.230	-166.770	1003.1	-19.8
57	26	73.322	-166.896	1003.2	-19.5
58	27	73.338	-166.745	1016.4	-24.4
59	28	73.350	-166.669	1024.1	-26.1
60	29	73.386	-166.712	1025.8	-22.2

BUOY(8) MAR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
61	1	73.415	-166.789	1034.8	-21.6
62	2	73.526	-166.928	1033.9	-21.2
63	3			1020.5	-22.3
64	4	73.541	-167.238	1009.9	-23.2
65	5	73.523	-167.342	1013.8	-21.5
66	6	73.486	-167.444	1021.0	-21.8
67	7	73.448	-167.475	1025.1	-24.2
68	8	73.421	-167.465	1021.5	-25.6
69	9	73.420	-167.474	1020.1	-26.3
70	10	73.423	-167.465	1022.1	-26.9
71	11	73.426	-167.452	1026.1	-27.7
72	12	73.424	-167.459	1033.9	-28.4
73	13	73.417	-167.471	1037.3	-28.4
74	14	73.422	-167.474	1028.5	-28.3
75	15	73.357	-167.326	1011.0	-26.8
76	16	73.287	-167.030	1003.0	-23.9
77	17	73.291	-166.963	996.0	-23.5
78	18	73.287	-166.985	1001.4	-26.0
79	19	73.285	-166.944	1013.4	-29.9
80	20	73.297	-166.960	1011.3	-28.9
81	21	73.322	-167.272	1003.0	-23.9
82	22	73.377	-167.663	1009.6	-21.3
83	23	73.426	-167.955	1021.2	-19.9
84	24	73.448	-168.190	1025.3	-20.5
85	25	73.449	-168.489	1024.3	-21.3
86	26	73.440	-168.650	1029.3	-21.0
87	27	73.404	-168.818	1028.0	-21.9
88	28	73.365	-168.885	1027.8	-22.6
89	29	73.353	-168.903	1031.5	-22.9
90	30	73.350	-168.891	1030.9	-23.4
91	31	73.323	-168.986	1030.1	-23.7

BUOY(8) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1	73.310	-169.115	1029.4	-23.0
93	2	73.277	-169.361	1025.0	-21.8
94	3	73.268	-169.663	1032.9	-21.0
95	4	73.242	-169.742	1038.9	-21.7
96	5	73.214	-169.771	1036.9	-21.8
97	6	73.177	-169.788	1033.6	-21.8
98	7	73.130	-169.844	1030.8	-22.4
99	8	73.107	-169.853	1035.1	-22.6
100	9	73.107	-169.843	1038.5	-23.0
101	10	73.115	-169.839	1036.3	-22.4
102	11	73.102	-169.837	1035.8	-22.1
103	12	73.109	-169.852	1029.8	-21.9
104	13	73.110	-169.857	1017.8	-21.5
105	14	73.109	-169.879	1019.2	-21.0
106	15	73.103	-169.917	1017.6	-20.1
107	16	73.100	-169.922	1013.7	-19.3
108	17	73.108	-169.975	1009.3	-19.5
109	18	73.102	-169.915	1015.5	-18.3
110	19	73.101	-169.902	1018.6	-17.6
111	20	73.103	-169.900	1018.3	-17.7
112	21	73.099	-169.919	1016.6	-17.6
113	22	73.101	-169.911	1016.3	-17.5
114	23	73.104	-169.926	1020.1	-17.3
115	24	73.098	-169.917	1025.7	-16.9
116	25	73.102	-169.923	1029.6	-16.8
117	26	73.102	-169.925	1022.4	-16.3
118	27	73.099	-169.927	1018.4	-15.2
119	28	73.103	-169.920	1017.5	-14.7
120	29	73.098	-169.919	1020.3	-14.7
121	30	73.105	-169.936	1020.6	-15.2

BUOY(8) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	73.100	-169.916	1012.7	-15.4
123	2	73.098	-169.918	1014.6	-15.0
124	3	73.100	-169.930	1027.9	-15.6
125	4	73.098	-169.908	1037.7	-16.2
126	5	73.102	-169.923	1040.2	-15.7
127	6	73.099	-169.915	1036.4	-14.7
128	7	73.096	-169.916	1030.8	-14.4
129	8	73.102	-169.923	1031.3	-14.1
130	9	73.098	-169.922	1028.5	-13.6
131	10	73.099	-169.926	1020.3	-13.1
132	11	73.098	-169.915	1017.5	-12.5
133	12	73.101	-169.929	1017.0	-12.0
134	13	73.097	-169.935	1018.1	-11.1
135	14	73.101	-169.945	1019.8	-9.8
136	15	73.099	-169.934	1020.4	-9.4
137	16	73.107	-169.963	1017.4	-9.5
138	17	73.189	-170.338	1011.3	-8.9
139	18	73.240	-170.930	1011.3	-8.7
140	19	73.260	-171.503	1015.9	-8.8
141	20	73.272	-171.874	1020.0	-9.0
142	21	73.293	-172.182	1021.5	-8.9
143	22	73.347	-172.443	1022.7	-8.6
144	23	73.413	-172.700	1027.1	-8.4
145	24	73.463	-172.955	1028.9	-8.1
146	25	73.505	-173.299	1026.7	-7.8
147	26	73.550	-173.776	1017.4	-7.4
148	27	73.604	-174.112	1021.9	-6.6
149	28	73.655	-174.432	1020.7	-5.7
150	29	73.694	-174.668	1019.2	-5.0
151	30	73.696	-174.899	1019.5	-4.4
152	31	73.668	-175.249	1021.6	-4.1

BUOY(8) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	73.649	-175.522	1027.7	-4.4
154	2	73.639	-175.654	1023.0	-4.4
155	3	73.639	-175.690	1019.7	-4.4
156	4	73.660	-175.749	1017.7	-4.7
157	5	73.685	-175.877	1005.9	-4.2
158	6	73.674	-175.875	1004.2	-3.6
159	7	73.689	-175.719	1006.1	-3.0
160	8			1005.9	-2.4
161	9	73.653	-175.400	1013.6	-2.3
162	10			1008.8	-2.0
163	11	73.685	-175.429	1004.3	-1.5
164	12	73.574	-175.480	1007.4	-.8
165	13	73.536	-175.417	1014.4	-.5
166	14	73.543	-175.407	1020.0	-.1
167	15	73.599	-175.383	1020.1	.0
168	16	73.648	-175.378	1015.5	.5
169	17	73.690*	-175.418	1012.4	1.1
170	18	73.746*	-175.457	1012.3	1.5
171	19	73.807	-175.584	1005.9	1.6
172	20	73.888	-175.791	995.1	1.4
173	21	73.919	-175.929	992.6	1.8
174	22	73.862	-176.013	995.4	1.9
175	23	73.848*	-175.888	1002.5*	2.0*
176	24				
177	25	74.039	-175.840	1010.5	3.4
178	26	74.120	-176.027	1010.4	3.8
179	27	74.206	-176.271	1008.1	2.9
180	28	74.308	-176.319	1011.9	3.0
181	29	74.406	-176.302	1007.8	2.5
182	30			1006.8*	2.4*

BUOY(8) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	74.507	-176.351	1008.7	3.7
184	2	74.544	-176.506	1009.3	5.0
185	3	74.598	-176.735	1005.7	3.9
186	4	74.646	-176.887	1008.1	3.7
187	5	74.695	-177.026	1013.2	3.7
188	6	74.760	-177.374	1015.2	2.7
189	7	74.822	-177.721	1017.6	3.2
190	8	74.908	-178.076	1017.7	2.5
191	9	74.999	-178.400	1013.3	2.6
192	10	75.092	-178.664	1010.1	3.6
193	11	75.195	-178.866	1005.9	2.5
194	12	75.260	-179.167	1007.7	2.5
195	13	75.354	-179.545	1016.6	2.5
196	14	75.397	-179.963	1022.0	4.2
197	15	75.411	179.713	1025.7	4.3
198	16	75.438	179.343	1027.9	2.8
199	17	75.441	179.046	1025.3	4.2
200	18	75.460	178.648	1020.2	4.4
201	19	75.499	178.040	1017.2	3.1
202	20	75.551	177.398	1019.1	2.4
203	21	75.550	176.945	1020.8	2.8
204	22	75.521	176.708	1020.7	4.4
205	23	75.506	176.615	1017.4	4.7
206	24	75.498	176.635	1010.5	4.0
207	25	75.463	176.554	1010.6	2.5
208	26	75.456	176.422	1006.7	3.5
209	27	75.437	176.020	1010.1	2.5
210	28	75.402	175.871	1013.3	2.5
211	29	75.399	175.820	1012.4	4.7
212	30	75.417	175.804	1012.6	2.7
213	31	75.421	175.950	1012.4	2.2

BUOY(8) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	75.493	176.329	1000.9	1.3
215	2	75.523	176.531	1003.8	1.5
216	3	75.429	176.800	1011.0	1.0
217	4	75.462	176.969	1007.3	1.9
218	5	75.498	176.928	1005.8	1.9
219	6	75.434	176.851	1016.5	1.8
220	7	75.415	176.890	1022.1	2.1
221	8	75.477	176.872	1024.2	2.4
222	9	75.523	176.826	1032.4	2.5
223	10	75.539	176.742	1035.9	4.6
224	11	75.519	176.847	1027.2	2.7
225	12	75.490	176.889	1022.0	1.7
226	13	75.486	176.804	1014.5	2.0
227	14	75.472	176.619	1011.4	1.4
228	15	75.454	176.330	1013.1	-.7
229	16	75.410	176.145	1015.4	-2.0
230	17	75.303	176.468	1007.1	-1.1
231	18	75.216	176.925	998.6	.4
232	19	75.185	177.279	992.7	1.0
233	20	75.123	177.442	1000.6	.7
234	21	75.118	177.575	999.3	-.2
235	22	75.099	177.948	1004.9	.1
236	23	75.111	178.279	1007.5	.2
237	24	75.070	178.545	1012.3	-1.2
238	25	75.095	178.645	1006.6	-.3
239	26	75.115	178.534	1005.8	.2
240	27	75.090	178.576	996.8	-.5
241	28	74.918	178.623	1005.0	-3.1
242	29	74.684	179.329	999.5	-3.1
243	30	74.637	179.485	996.5	-2.8
244	31	74.626	179.310	1011.1	-4.1

BUOY(8) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	74.550	179.487	1017.4	-3.5
246	2	74.477	-179.896	1006.8	-1.6
247	3	74.357	-179.205	999.4	1.0
248	4	74.268	-179.245	1011.3	.2
249	5	74.224	-178.970	1010.0	-.4
250	6	74.195	-178.630	1008.9	.3
251	7	74.210	-178.498	1006.4	-.2
252	8	74.240	-178.232	1000.0	1.4
253	9	74.249	-178.437	1008.1	-.8
254	10	74.289	-178.752	1015.6	-5.5
255	11	74.322	-179.045	1021.6	-5.5
256	12	74.338	-179.167	1026.3	-4.5
257	13	74.381	-179.177	1020.2	-1.6
258	14	74.407	-179.238	1018.8	-.8
259	15	74.434	-179.274	1017.6	-1.7
260	16	74.500	-179.203	1015.3	-1.9
261	17	74.596	-179.535	1010.1	-2.6
262	18	74.595	179.997	1017.2	-8.3
263	19	74.566	179.915	1025.0	-7.8
264	20	74.628	179.872	1023.5	-6.5
265	21	74.741	179.764	1020.1	-7.8
266	22	74.855	179.703	1019.4	-5.2
267	23	74.927	179.843	1014.3	-2.5
268	24	74.871	179.894	1016.9	-3.0
269	25	74.847	179.806	1020.3	-6.4
270	26	74.818	179.730	1027.4	-10.4
271	27	74.821	179.747	1029.8	-11.0
272	28	74.828*	179.799	1027.8*	-12.8*
273	29				
274	30	74.883*	-179.707	1015.8*	-9.1*

BUOY(8) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1				
276	2				
277	3				
278	4	75.083*	-179.529	1001.8*	-6.2*
279	5				
280	6				
281	7				
282	8				
283	9				
284	10				
285	11			1010.9*	-3.7*
286	12				
287	13				
288	14				
289	15				
290	16				
291	17				
292	18				
293	19				
294	20				
295	21				
296	22				
297	23				
298	24				
299	25				
300	26				
301	27				
302	28				
303	29				
304	30				
305	31				

BUOY(13) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	77.118*	175.597	1047.0*	-21.3*
3	3	77.114	175.617	1049.7	-22.0
4	4	77.125	175.580	1052.2	-22.8
5	5	77.116	175.621	1048.8	-22.8
6	6	77.144	175.470	1042.1	-22.8
7	7	77.206	175.171	1021.8	-21.4
8	8	77.276	175.480	1012.4	-19.1
9	9	77.228	175.988	1044.2	-19.7
10	10	77.214	176.103	1050.2	-21.6
11	11	77.208	176.046	1043.1	-22.5
12	12	77.109	176.286	1024.7	-19.7
13	13	77.095	176.040	1037.7	-20.1
14	14	77.030	176.085	1019.3	-19.0
15	15	76.952	175.837	1024.5	-16.5
16	16	76.897	175.867	1019.3	-16.6
17	17	76.879	175.722	1022.3	-18.3
18	18	76.887	175.527	1030.7	-20.1
19	19	76.875	175.101	1026.2	-19.6
20	20	76.895	174.130	1008.5	-17.5
21	21			1013.2	-15.6
22	22	77.086	172.560	1011.2	-14.9
23	23	77.129	171.865	1016.9	-14.8
24	24	77.128	171.683	1027.3	-16.5
25	25	77.156	171.651	1037.6	-19.1
26	26	77.243	171.290	1026.9	-16.4
27	27	77.302	171.044	1024.1	-13.9
28	28	77.314	171.023	1030.8	-15.0
29	29	77.330	171.179	1035.8	-15.5
30	30	77.286	171.294	1045.0	-17.8
31	31	77.261	171.077	1039.8	-19.8

BUOY(13) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	77.225	170.921	1037.4	-19.9
33	2	77.146	170.901	1033.4	-19.5
34	3	77.081	170.933	1035.5	-19.6
35	4				
36	5				
37	6				
38	7				
39	8				
40	9				
41	10				
42	11				
43	12				
44	13				
45	14				
46	15				
47	16				
48	17			1048.9	-20.2
49	18			1045.9	-20.3
50	19				
51	20				
52	21				
53	22				
54	23				
55	24				
56	25				
57	26				
58	27				
59	28				
60	29				

BUOY(13) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1				
154	2				
155	3				
156	4				
157	5				
158	6				
159	7				
160	8				
161	9				
162	10				
163	11				
164	12				
165	13				
166	14	78.724*	163.178	1010.2*	.0*
167	15	78.810	163.675	1010.0	.2
168	16	78.871*	164.043	1007.9	.3
169	17			1011.5	.4
170	18	78.902*	164.462	1012.6	.8
171	19	78.944*	164.499	1014.0	1.0
172	20	79.017*	164.328	1007.1	1.1
173	21				
174	22			1007.2*	1.5*
175	23				
176	24				
177	25				
178	26				
179	27				
180	28				
181	29				
182	30				

BUOY(15) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	82.751*	21.812	1005.9*	-20.7*
3	3	82.728	21.933	1003.1	-19.0
4	4	82.712	21.855	998.7	-17.8
5	5	82.622	22.122	1009.6	-17.7
6	6	82.531	23.223	1010.9	-18.6
7	7	82.407	23.848	1012.8	-19.5
8	8	82.311	23.968	1021.7	-20.9
9	9	82.293	23.928	1014.6	-19.4
10	10	82.354	23.753	1013.5	-15.6
11	11	82.438	24.398	1017.7	-11.0
12	12	82.532	24.610	1014.7	-8.8
13	13	82.684	24.365	1020.4	-8.1
14	14	82.707	23.779	1025.3	-10.9
15	15	82.735	23.447	1020.2	-14.1
16	16	82.743	22.931	1008.1	-16.0
17	17	82.681	22.459	997.9	-15.1
18	18	82.669	22.026	1010.5	-15.8
19	19	82.637	21.843	1022.6	-18.6
20	20	82.611	21.654	1022.0	-19.5
21	21	82.621	20.752	1027.8	-18.1
22	22	82.625	19.681	1038.7	-17.2
23	23	82.630	19.127	1035.9	-16.6
24	24	82.611	19.706	1021.4	-13.2
25	25	82.437	19.617	1021.9	-13.6
26	26	82.309	19.042	1035.6	-17.4
27	27	82.191	18.674	1027.0	-18.6
28	28	82.165	18.273	1033.1	-20.3
29	29	82.135	17.980	1035.6	-21.5
30	30	82.136	17.820	1035.5	-21.2
31	31	82.138	17.510	1034.7	-20.0

BUOY(15) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	82.151	16.808	1026.5	-18.7
33	2	82.123	16.190	1015.3	-18.8
34	3	82.058	15.837	1006.4	-19.9
35	4			1008.3	-19.9
36	5	81.946	15.539	1020.5	-20.3
37	6	81.917	15.767	1022.6	-20.1
38	7	81.892	16.175	1016.9	-17.3
39	8	81.874	16.420	1008.8	-14.3
40	9	81.834	16.524	1009.0	-14.6
41	10	81.746	16.244	1017.8	-16.0
42	11	81.705	16.377	1013.7	-16.9
43	12	81.601	16.758	1021.6	-17.3
44	13			1011.1	-18.1
45	14	81.461	17.666	997.8	-19.1
46	15	81.437	18.016	1003.9	-18.1
47	16	81.427	18.444	1005.3	-20.3
48	17	81.476	18.328	1005.0	-19.8
49	18	81.608	17.767	985.6	-15.0
50	19	81.577	17.856	994.2	-12.1
51	20	81.639	17.955	988.2	-12.1
52	21	81.689	18.418	985.2	-10.5
53	22	81.685	19.862	994.9	-9.1
54	23	81.613	20.377	1000.6	-10.3
55	24	81.638	20.181	979.4	-12.0
56	25	81.644	21.283	981.5	-10.9
57	26	81.504	21.980	1006.2	-11.5
58	27	81.461	21.368	1008.2	-13.5
59	28	81.411	20.439	1014.0	-14.2
60	29	81.382	19.808	1009.1	-15.3

BUOY(15) MAR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
61	1	81.327	19.158	1011.1	-16.1
62	2	81.257	18.864	1012.2	-16.7
63	3	81.205	18.724	1013.0	-17.1
64	4	81.198	18.696	1012.0	-17.3
65	5	81.231	18.542	1010.6	-17.1
66	6	81.269	18.176	1007.8	-16.3
67	7	81.236	17.735	1006.4	-14.7
68	8	81.196	17.528	1016.7	-14.1
69	9	81.226	17.811	1019.7	-14.3
70	10	81.242	18.250	1019.6	-13.0
71	11	81.275	18.345	1013.7	-11.8
72	12	81.292	18.442	1023.9	-10.8
73	13	81.314	18.283	1032.2	-10.2
74	14	81.403	18.402	1021.4	-10.0
75	15	81.503	19.271	1024.2	-8.9
76	16	81.545	20.117	1029.9	-7.4
77	17	81.559	20.840	1025.6	-6.3
78	18	81.545	21.847	1021.7	-6.4
79	19	81.470	21.909	1028.8	-9.3
80	20	81.397	21.470	1033.5	-11.5
81	21	81.378	21.448	1025.9	-13.1
82	22	81.291	21.707	1019.4	-13.4
83	23	81.195	21.569	1013.9	-14.1
84	24	81.132	21.296	1014.2	-13.6
85	25	81.106	21.235	1007.8	-13.7
86	26	81.093	21.065	1018.4	-15.1
87	27	81.064	20.974	1025.1	-15.5
88	28	81.058	20.913	1035.5	-15.6
89	29			1035.4	-16.4
90	30	81.103	21.040	1030.5	-15.8
91	31	81.111	21.286	1026.2	-13.7

BUOY(15) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1	81.116	21.072	1015.3	-12.5
93	2	81.179	20.697	1004.8	-11.1
94	3	81.130	21.165	1015.8	-10.1
95	4	81.113	21.419	1022.9	-11.1
96	5	81.136	21.403	1020.2	-12.2
97	6	81.186	21.166	1017.8	-11.7
98	7	81.167	20.737	1028.2	-11.8
99	8	81.148	20.594	1022.7	-12.8
100	9	81.126	20.333	1019.4	-13.2
101	10	81.099	19.934	1020.2	-13.2
102	11	81.065	19.584	1022.4	-13.4
103	12	81.025	19.184	1024.8	-13.6
104	13	80.984	18.997	1024.9	-13.7
105	14	80.959	18.866	1023.4	-13.7
106	15			1005.0	-12.3
107	16	81.125	18.853	992.4	-9.3
108	17	81.119	18.828	984.6	-7.2
109	18	81.049	18.662	993.2	-6.0
110	19	80.949	18.294	1011.7	-5.9
111	20	80.895	18.088	1012.6	-6.5
112	21	80.880	17.733	1006.6	-6.8
113	22	80.873	17.355	1002.6	-6.0
114	23	80.929	16.507	999.8	-5.4
115	24	80.913	15.856	991.8	-5.2
116	25			1001.1	-4.9
117	26	80.728	14.768	1023.5	-5.7
118	27	80.659	15.064	1035.3	-7.5
119	28	80.675	15.215	1035.2	-8.1
120	29	80.734	15.113	1027.1	-7.2
121	30	80.819	15.050	1024.9	-5.2

BUOY(15) MAY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	80.921	15.101	1013.9	-3.3
123	2	80.929	15.596	1009.5	-2.1
124	3			1015.3	-2.0
125	4	80.722	15.976	1022.1	-2.7
126	5	80.687	15.955	1028.2	-2.8
127	6	80.545	15.522	1023.6	-2.8
128	7	80.434	14.446	1029.2	-2.7
129	8	80.365	14.253	1024.7	-2.5
130	9	80.360	13.779	1028.2	-2.2
131	10	80.300	13.827	1029.6	-2.2
132	11	80.235	14.000	1026.2	-2.2
133	12			1024.0	-1.9
134	13	80.216	14.284	1017.5	-1.8
135	14	80.166	14.160	1018.3	-1.7
136	15	80.170	13.920	1024.3	-1.8
137	16	80.156	13.687	1030.0	-1.6
138	17	80.151	13.395	1032.0	-1.5
139	18	80.155	13.265	1032.3	-1.4
140	19	80.147	13.399	1027.4	-1.4
141	20			1015.0	-1.2
142	21			1008.1	-1.0
143	22				
144	23				
145	24				
146	25				
147	26				
148	27				
149	28				
150	29				
151	30				
152	31				

BUOY(23) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	84.053*	167.727	1044.4*	-27.5*
3	3	84.060	168.415	1036.4	-26.5
4	4	84.100	169.260	1033.7	-25.3
5	5	84.161	170.155	1032.5	-24.6
6	6	84.266	170.746	1024.6	-23.5
7	7	84.392	171.161	1025.1	-22.2
8	8	84.464	170.613	1008.0	-25.1
9	9	84.475	170.588	1025.4	-27.3
10	10	84.459	171.249	1035.6	-27.6
11	11	84.382	172.087	1024.1	-27.7
12	12	84.304	172.576	1023.6	-21.8
13	13	84.236	172.786	1027.5	-17.5
14	14	84.157	172.843	1025.4	-16.2
15	15	84.093	172.846	1023.7	-18.0
16	16	84.063	172.992	1022.3	-22.4
17	17	84.106	173.088	1023.0	-25.0
18	18	84.148	173.416	1030.8	-22.8
19	19	84.193	173.479	1034.7	-25.0
20	20	84.217	173.289	1038.6	-27.6
21	21	84.267	172.639	1042.5	-25.9
22	22	84.318	171.821	1041.9	-25.7
23	23	84.346	171.144	1030.8	-26.9
24	24	84.363	171.186	1023.4	-27.1
25	25	84.423	171.171	1039.2	-25.6
26	26	84.484	170.791	1040.3	-22.9
27	27	84.560	170.380	1033.0	-23.3
28	28	84.578	170.067	1034.9	-25.6
29	29	84.598	169.866	1033.7	-26.8
30	30	84.583	169.841	1036.5	-25.2
31	31	84.563	169.976	1041.8	-26.4

BUOY(23) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	84.459	169.973	1038.7	-27.0
33	2	84.351	170.071	1035.6	-26.1
34	3	84.315	170.544	1025.8	-26.6
35	4			1019.9*	-26.4*
36	5				
37	6	84.298*	170.895	987.5*	-25.8*
38	7	84.375	171.051	1000.2	-25.4
39	8				
40	9				
41	10	84.445	169.860	1011.0*	-24.5*
42	11				
43	12	84.627	170.734	1023.0	-23.4
44	13			1011.8*	-25.9*
45	14	84.684*	170.831		
46	15	84.701	170.933	1016.6	-25.0
47	16	84.676	171.293	1020.9	-24.6
48	17	84.647	172.079	1031.1	-24.2
49	18	84.611	172.829	1029.2	-24.0
50	19	84.580	173.616	1023.3	-24.2
51	20	84.549	174.439	1018.9	-23.4
52	21	84.527	175.216	1010.4*	-23.8*
53	22				
54	23				
55	24				
56	25				
57	26				
58	27				
59	28				
60	29				

BUOY(23) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1				
154	2				
155	3				
156	4				
157	5				
158	6				
159	7				
160	8				
161	9				
162	10				
163	11				
164	12				
165	13				
166	14				
167	15				
168	16				
169	17				
170	18				
171	19				
172	20				
173	21				
174	22	86.273	-177.172	1014.9	.6
175	23	86.311*	-177.943	1014.5*	.9*
176	24				
177	25	86.456	-179.803	1011.7	.9
178	26	86.466	-179.712	1018.9	1.2
179	27	86.511	-179.872	1020.6	1.4
180	28	86.582	-179.862	1016.6	1.6
181	29	86.632	179.859	1013.2	1.4
182	30	86.672*	179.566	1012.1*	1.4*

BUOY(23) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	86.745*	178.699		
184	2	86.771*	178.593	1010.4*	2.4*
185	3	86.791	178.971	1016.5	2.7
186	4				
187	5	86.830	179.053	1025.7	4.5
188	6	86.869	178.758	1027.0	3.6
189	7	86.919	179.027	1027.4	2.4
190	8	86.972	179.613	1027.5	3.2
191	9	87.035	-179.695	1024.3	3.2
192	10	87.076	-179.557	1020.1	4.1
193	11	87.134	-179.696	1020.1	3.3
194	12	87.178	-179.183	1019.9	3.5
195	13				
196	14				
197	15				
198	16				
199	17				
200	18				
201	19				
202	20				
203	21				
204	22				
205	23				
206	24				
207	25				
208	26				
209	27				
210	28				
211	29				
212	30				
213	31				

BUOY(25) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	75.783*	163.564	1047.1*	-11.9*
3	3	75.784	163.561	1047.3	-12.0
4	4	75.780	163.530	1048.7	-12.2
5	5	75.816	163.470	1044.5	-12.4
6	6	75.834	163.340	1036.3	-12.4
7	7	75.884	163.068	1014.4	-12.4
8	8	75.962	163.275	1017.0	-11.8
9	9	75.943	163.719	1047.9	-12.1
10	10	75.946	163.773	1049.5	-11.9
11	11	75.950	163.629	1045.8	-11.1
12	12	75.922	163.616	1033.6	-11.0
13	13	75.840	163.677	1036.7	-10.4
14	14	75.799	163.707	1030.3	-9.9
15	15	75.702	163.697	1029.5	-9.4
16	16	75.681	163.738	1028.6	-9.0
17	17	75.653	163.754	1019.7	-8.8
18	18	75.690	163.467	1030.6	-8.8
19	19	75.710	163.145	1026.0	-9.3
20	20	75.636*	162.431	1000.2	-9.3
21	21	75.741*	161.918	1006.7	-9.2
22	22	75.786	161.611	1013.3	-9.1
23	23	75.782	161.582	1020.3	-9.3
24	24	75.787	161.601	1026.3	-9.7
25	25	75.806	161.486	1029.0	-10.0
26	26	75.884	160.983	1019.2	-9.8
27	27			1025.6	-9.0
28	28	75.940*	160.874	1025.0	-8.6
29	29	75.948	161.085	1041.4	-8.7
30	30	75.924	161.132	1047.6	-9.4
31	31	75.920	160.846	1037.8	-10.2

BUOY(25) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	75.898	160.567	1038.7	-10.3
33	2	75.872	160.554	1039.9	-10.4
34	3	75.860	160.550	1039.6	-10.8
35	4			1024.8	-11.1
36	5	75.861	160.584	1002.9	-11.1
37	6	75.844	160.536	997.6	-11.1
38	7	75.859	160.598	999.3	-11.3
39	8	75.869	160.579	1005.3	-11.9
40	9	75.877	160.549	1006.7	-12.2
41	10	75.901	160.592	1018.3	-12.5
42	11	75.919	160.506	1019.7	-12.7
43	12	75.896	160.540	1022.8	-12.9
44	13	75.878	160.459	1017.4	-12.7
45	14	75.892	160.529	1024.1	-12.1
46	15	75.901	160.584	1028.9	-11.6
47	16	75.897	160.757	1043.8	-11.8
48	17	75.914	160.817	1052.0	-11.9
49	18	75.905	160.739	1045.0	-12.1
50	19	75.936	160.489	1033.4	-12.1
51	20	75.983	160.261	1026.3	-11.8
52	21	76.002	160.228	1021.8	-11.5
53	22	76.008	160.325	1019.7	-11.5
54	23	75.985	160.541	1020.5	-11.6
55	24	75.977	160.593	1020.8	-11.9
56	25	75.966	160.381	1005.3	-12.2
57	26	75.960	160.107	996.7	-11.8
58	27	75.980	160.120	1010.1	-11.1
59	28	75.988	160.076	1016.6	-11.1
60	29	76.048	159.793	1012.3	-10.9

BUOY(25) MAR. 80		LAT (N	LON (+E,-W)	P (MB)	T (C)
61	1	76.066	159.709	1017.3	-10.2
62	2	76.060	159.670	1021.9	-9.8
63	3	76.052	159.631	1026.1	-9.8
64	4	76.034	159.604	1025.6	-10.1
65	5	76.019	159.544	1030.0	-10.0
66	6	76.021	159.589	1036.5	-10.2
67	7	76.016	159.606	1039.6	-10.7
68	8	76.024	159.639	1030.8	-11.1
69	9	76.039*	159.663	1024.7	-11.2
70	10	76.075	159.611	1024.8	-11.2
71	11	76.078	159.628	1027.7	-11.1
72	12	76.068	159.640	1032.8	-11.0
73	13	76.055	159.673	1035.6	-10.8
74	14	76.052	159.696	1034.4	-11.0
75	15	76.021	159.743	1028.1	-11.2
76	16	75.970	160.013	1010.2	-11.1
77	17	75.929	159.973	1011.1	-10.6
78	18	75.916	159.990	1015.2	-10.5
79	19	75.935	160.247	1000.7	-11.2
80	20	76.056	160.484	998.8	-11.2
81	21	76.100	160.430	1013.4	-10.9
82	22	76.099	160.291	1019.2	-11.0
83	23	76.078	160.210	1026.7	-11.1
84	24	76.061	160.064	1030.9	-11.0
85	25	76.068	159.781	1027.6	-11.0
86	26	76.077	159.628	1027.6	-10.5
87	27	76.080	159.648	1029.9	-9.9
88	28	76.078	159.633	1033.0	-9.6
89	29	76.079	159.636	1035.8	-9.5
90	30	76.077	159.652	1041.3	-9.4
91	31	76.084	159.627	1041.3	-9.5

BUOY(25) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1	76.079	159.610	1038.8	-9.5
93	2	76.081	159.665	1037.7	-9.5
94	3	76.080	159.597	1043.1	-9.5
95	4			1047.1	-9.5
96	5	76.078	159.561	1044.2	-9.5
97	6	76.079	159.569	1043.2	-9.3
98	7	76.080	159.577	1040.5	-9.1
99	8	76.092	159.580	1034.6	-9.0
100	9	76.105	159.594	1035.7	-8.9
101	10	76.105	159.598	1033.0	-8.8
102	11	76.108	159.581	1030.8	-8.9
103	12	76.108	159.518	1029.2	-9.0
104	13	76.114	159.483	1026.3	-9.0
105	14	76.129	159.350	1027.9	-8.9
106	15	76.139	159.322	1027.7	-8.9
107	16	76.138	159.314	1021.3	-8.8
108	17	76.138	159.250	1020.8	-8.8
109	18	76.143	159.256	1024.9	-8.9
110	19	76.204	159.378	1016.2	-8.9
111	20	76.260	159.490	1014.4	-8.6
112	21	76.280	159.349	1014.7	-8.4
113	22	76.298	159.160	1024.4	-8.3
114	23	76.288	159.049	1029.3	-8.1
115	24	76.288	159.032	1031.0	-8.0
116	25	76.302	158.972	1034.0	-8.0
117	26				
118	27				
119	28				
120	29				
121	30				

BUOY(26) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	83.302*	-2.647	1006.0*	-27.7*
3	3	83.227	-2.334	1002.9	-30.8
4	4	83.162	-2.269	1005.2	-33.4
5	5	83.060	-1.654	1009.0	-32.0
6	6	82.908	-.839	1016.9	-29.5
7	7	82.811	-.451	1015.7	-30.7
8	8	82.732	-.247	1024.2	-32.5
9	9	82.749	-.276	1008.7	-27.6
10	10	82.764	-.281	1001.4	-19.7
11	11	82.834	.288	1008.4	-5.6
12	12	82.872	.349	1008.4	-3.0
13	13	82.763	.117	1014.7	-12.5
14	14	82.644	-.221	1019.9	-16.7
15	15	82.707	-.479	1010.9	-18.8
16	16	82.748	-1.145	1008.1	-18.5
17	17	82.575	-1.254	1002.0	-19.1
18	18	82.424	-1.059	1014.0	-22.4
19	19	82.351	-.880	1023.1	-29.1
20	20	82.299	-.804	1020.2	-30.9
21	21	82.186	-1.187	1020.2	-23.5
22	22	82.130	-2.242	1028.1	-17.7
23	23	82.114	-2.774	1028.5	-13.3
24	24	82.064	-2.607	1024.3	-14.3
25	25			1030.6	-16.9
26	26	81.733	-3.140	1041.7	-25.0
27	27	81.621	-3.132	1029.4	-27.2
28	28	81.542	-3.218	1032.8	-27.4
29	29	81.494	-3.341	1033.5	-30.8
30	30	81.464	-3.579	1028.9	-29.0
31	31	81.426	-3.883	1030.7	-26.2

BUOY(26) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	81.365	-4.315	1024.0	-24.2
33	2			1018.0	-23.5
34	3	81.141	-4.687	1010.7	-26.3
35	4			1013.3	-25.4
36	5	80.821	-4.723	1024.7	-25.5
37	6	80.771	-4.302	1020.1	-26.3
38	7	80.720	-4.031	1013.7	-23.7
39	8	80.634	-3.671	1008.4	-24.4
40	9	80.511	-3.692	1014.0	-23.2
41	10			1021.2	-22.8
42	11	80.296	-3.325	1017.6	-26.8
43	12	80.098	-3.380	1029.5	-25.2
44	13			1019.3	-27.1
45	14	79.753	-2.786	999.6	-23.4
46	15	79.581	-3.008	1009.3	-24.8
47	16	79.392	-3.094	1009.2	-29.5
48	17	79.350	-2.920	983.9	-17.1
49	18	79.118	-2.907	994.8	-13.7
50	19	78.855	-3.127	992.4	-18.2
51	20	78.648	-2.483	987.5	-10.0
52	21	78.628	-1.320	981.6	-4.1
53	22	78.696	.461	999.2	-8.6
54	23	78.685	.583	997.1	-8.2
55	24	78.737	1.021	974.8	-4.9
56	25	78.613	.445	989.2	-7.9
57	26	78.405	-.790	1000.8	-14.6
58	27	77.973	-1.830	1010.1	-19.0
59	28	77.551	-1.894	1004.0	-15.9
60	29	77.082	-2.380	998.7	-12.1

BUOY(26) MAR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
61	1	76.744	-2.265	1005.8	-12.7
62	2	76.405	-3.033	1016.1	-12.0
63	3	76.306	-3.382	1009.7	-9.3
64	4	76.341	-4.020	998.0	-5.0
65	5	76.356	-4.836	987.9	-2.1
66	6	76.367	-5.354	990.1	-1.9
67	7	76.260	-5.479	1008.0	-3.7
68	8	75.992	-5.585	1013.9	-5.5
69	9	75.885	-6.204	1013.6	-4.5
70	10	75.880	-6.845	1001.6	-3.1
71	11	75.880	-6.736	1000.3	-2.8
72	12	75.959	-7.041	999.2	-1.7
73	13	75.910	-7.654	1013.5	-1.3
74	14	75.865	-8.410	1014.3	-1.5
75	15	75.972	-8.526	1016.9	-1.4
76	16	76.045	-8.303	1023.0	-.5
77	17	75.995	-8.323	1018.8	-.5
78	18	75.609	-8.708	1024.7	-4.8
79	19	75.197	-9.439	1022.4	-6.0
80	20	74.677	-10.005	1027.8	-9.7
81	21	74.372	-10.368	1030.7	-8.4
82	22	74.300	-10.297	1024.1	-7.4
83	23	74.166	-10.137	1025.7	-7.9
84	24	73.970	-10.302	1029.5	-10.4
85	25	73.888	-10.195	1020.1	-12.6
86	26	73.842	-10.332	1025.8	-11.2
87	27	73.711	-10.958	1022.4	-10.1
88	28	73.612	-11.756	1018.9	-6.6
89	29	73.510	-12.252	1019.1	-4.1
90	30	73.460	-12.524	1020.7	-3.3
91	31	73.391	-12.758	1016.4	-4.2

BUOY(26) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1	73.178	-12.911	1016.2	-9.2
93	2	72.972	-12.987	1019.5	-13.2
94	3	72.841	-12.955	1023.0	-14.0
95	4	72.811	-12.922	1013.3	-12.7
96	5	72.724	-13.159	1005.3	-7.0
97	6	72.592	-13.292	1011.9	-8.9
98	7	72.432	-13.452	1028.6	-9.2
99	8	72.400	-13.523	1013.0	-7.7
100	9	72.288	-13.978	991.6	-5.2
101	10	72.072	-14.650	1002.4	-4.0
102	11	71.882	-15.129	1007.6	-3.8
103	12	71.676	-15.703	1011.0	-4.8
104	13	71.506	-16.499	999.1	-3.6
105	14	71.233	-16.473	984.4	-4.5
106	15	71.262	-16.082	994.1	-2.9
107	16	71.219	-16.024	995.2	-2.1
108	17	71.219	-15.783	983.9	-4.0
109	18	70.985	-15.652	998.7	-6.3
110	19	70.535	-15.551	1023.3	-6.6
111	20	70.560	-15.409	1011.3	-4.6
112	21	70.669	-14.879	991.7	-1.0
113	22	70.401	-14.579	1016.2	-4.4
114	23	70.352	-14.518	1017.2	-5.2
115	24	70.328	-14.335	1010.0	-3.6
116	25	70.360	-14.596	1012.8	-1.9
117	26	70.326	-15.779	1014.7	-1.9
118	27	70.435	-16.357	1007.9	.2
119	28	70.497	-16.390	998.5	.7
120	29	70.309	-15.961	1007.6	.5
121	30	70.337	-15.855	1011.1	.7

BUOY(26) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	70.431	-15.517	1026.3	1.9
123	2	70.498	-15.162	1024.6	2.5
124	3	70.556	-14.708	1023.0	2.7
125	4	70.530	-14.297	1022.0	2.4
126	5	70.372	-14.367	1028.9	1.0
127	6	70.068	-14.774	1031.3	-1.3
128	7	69.731	-15.133	1027.0	-1.4
129	8	69.450	-15.522	1024.6	-.3
130	9	69.342	-15.845	1027.0	-.0
131	10	69.320	-16.304	1034.3	.7
132	11	69.382	-16.963	1020.9	1.1
133	12	69.529	-17.168	1016.5	1.7
134	13	69.532	-17.480	1011.9	1.7
135	14	69.404	-17.932	1012.2	1.5
136	15	69.355	-18.143	1018.9	2.3
137	16	69.345	-18.208	1019.9	4.2
138	17	69.325	-18.341	1023.5	4.2
139	18	69.232	-18.956	1022.4	2.4
140	19	69.114	-19.541	1013.5	2.5
141	20	69.040	-19.613	1015.0	3.1
142	21	68.976	-18.924	1019.1	3.4
143	22	68.910	-18.561	1016.4	4.1
144	23	68.827	-17.861	1009.6	4.2
145	24	68.764	-17.836	1015.3	2.7
146	25	68.694	-17.455	1014.6	2.8
147	26	68.405	-17.829	1023.7	1.8
148	27	67.993	-18.297	1028.3	1.9
149	28	67.715	-18.442	1024.8	4.1
150	29	67.608	-18.709	1019.4	4.8
151	30	67.539	-19.197	1012.2	5.9
152	31	67.408	-19.692	1005.2	6.8

BUOY(26) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	67.305	-20.068	1009.9	7.5
154	2	67.227	-20.247	1007.4	7.6
155	3	66.989	-20.407	1004.2	7.4
156	4	66.913	-19.945	1013.3	7.9
157	5	67.007	-19.665	1015.1	8.6
158	6	67.027	-19.537	1017.6	8.9
159	7	66.941	-19.488	1019.0	8.4
160	8	66.778	-19.271	1021.9	8.7
161	9	66.666	-19.006	1020.1	10.1
162	10	66.749	-18.461	1019.7	10.3
163	11	66.739	-18.159	1021.2	9.2
164	12	66.785	-17.539	1017.9	9.8
165	13	66.824	-17.302	1015.2	9.7
166	14	66.995	-17.324	1010.0	10.1
167	15	66.991	-17.395	1009.5	9.8
168	16	67.026	-17.922	997.6	9.1
169	17	67.016	-18.073	996.0	9.0
170	18	67.081	-18.018	998.0	9.2
171	19	66.996	-18.515	996.3	9.0
172	20	66.891	-19.049	1001.7	8.8
173	21	66.660	-19.566	1006.6	8.0
174	22	66.371	-20.283	1011.7	7.7
175	23	66.145*	-20.767	1014.3*	7.1*
176	24				
177	25	65.727	-21.013	1015.5	8.6
178	26	65.634	-20.881	1016.6	9.4
179	27	65.511	-21.016	1011.4	9.9
180	28	65.440	-21.040	1012.4	9.0
181	29	65.440	-21.041	1011.6	-6.5
182	30			1019.8*	10.0*

BUOY(27) JAN. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
1	1				
2	2	80.512*	-156.477	1041.4*	-17.8*
3	3	80.460*	-156.355	1041.5	-17.8
4	4	80.443	-156.041	1045.2	-18.9
5	5	80.431	-155.667	1045.2	-20.2
6	6	80.438	-155.561	1045.5	-20.1
7	7	80.477	-155.523	1040.4	-18.9
8	8	80.550	-155.627	1008.0	-17.4
9	9	80.521	-155.483	1026.3	-17.3
10	10	80.434	-155.334	1034.9	-17.8
11	11	80.309	-155.002	1015.6	-20.0
12	12	80.232	-155.067	1021.0	-20.1
13	13	80.232	-155.122	1028.8	-20.1
14	14	80.222	-155.158	1015.3	-19.7
15	15	80.187	-155.295	1014.7	-18.5
16	16	80.130	-155.574	1011.0	-18.5
17	17	80.144	-155.819	1027.9	-17.7
18	18	80.137	-155.863	1032.6	-18.2
19	19	80.142	-155.883	1032.0	-18.8
20	20	80.174	-156.003	1035.8	-18.5
21	21	80.224	-156.167	1038.2	-18.0
22	22	80.272	-156.522	1033.7	-17.4
23	23	80.267	-156.768	1023.5	-17.5
24	24	80.253	-156.693	1030.3	-18.0
25	25	80.280	-156.643	1044.5	-17.9
26	26	80.301	-156.784	1046.7	-17.5
27	27	80.378	-157.011	1029.6	-16.8
28	28	80.401	-157.231	1033.6	-16.1
29	29	80.378	-157.168	1033.6	-16.4
30	30	80.326	-157.157	1027.7	-17.1
31	31	80.219	-157.345	1025.2	-17.3

BUOY(27) FEB. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
32	1	80.148	-157.545	1019.5	-17.3
33	2	80.105	-157.788	1018.3	-17.6
34	3	80.036	-157.973	1018.5	-17.9
35	4			1011.5	-18.0
36	5	79.945	-157.976	991.9	-17.7
37	6	79.999	-157.436	1002.8	-17.7
38	7	79.996*	-157.477	1005.4	-18.1
39	8				
40	9				
41	10	80.066*	-157.692	1026.2*	-17.7*
42	11				
43	12	80.260	-157.591	1024.0	-16.6
44	13	80.331	-157.778	998.3	-15.7
45	14	80.298	-157.546	1025.8	-15.1
46	15	80.318	-157.559	1007.5	-14.7
47	16	80.217	-157.230	1019.6	-14.5
48	17	80.112	-156.856	1029.7	-15.4
49	18			1028.5*	-16.1*
50	19				
51	20				
52	21				
53	22				
54	23				
55	24				
56	25				
57	26				
58	27				
59	28				
60	29				

BUOY(29) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23	75.519*	-174.677		
115	24	75.501*	-174.737		
116	25	75.501	-174.826		
117	26	75.489	-175.108	1034.1	-15.6
118	27	75.478	-175.537	1029.3	-15.0
119	28	75.449	-175.836	1026.0	-15.0
120	29	75.445	-175.911	1027.7	-15.0
121	30	75.439	-175.888	1023.9	-14.4

BUOY(29) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	75.434	-175.836	1013.5	-14.2
123	2	75.425*	-175.869	1021.0	-13.4
124	3	75.424*	-175.871	1032.0	-16.2
125	4	75.425	-175.868	1041.5	-12.4
126	5	75.429	-175.852	1045.1	-10.4
127	6	75.442	-176.064	1041.8	-12.7
128	7	75.452	-176.317	1037.6	-12.0
129	8	75.456	-176.596	1037.9	-12.1
130	9	75.455	-176.925	1035.3	-10.9
131	10	75.471	-177.349	1029.1	-10.6
132	11	75.461	-177.878	1026.0	-11.2
133	12	75.443	-178.216	1024.5	-10.3
134	13	75.412	-178.409	1026.7	-9.5
135	14	75.369	-178.556	1028.6	-8.8
136	15	75.359	-178.915	1027.1	-8.3
137	16	75.406	-179.458	1021.1	-6.5
138	17	75.504	179.921	1016.3	-5.6
139	18	75.566	179.488	1017.7	-4.0
140	19	75.593	179.134	1023.2	-4.1
141	20	75.613	178.833	1024.6	-6.9
142	21	75.645	178.602	1024.9	-8.1
143	22	75.741	178.441	1024.1	-8.3
144	23	75.838	178.374	1028.8	-7.0
145	24	75.905	178.225	1032.5	-5.8
146	25	75.975	178.014	1031.9	-4.8
147	26	76.026	177.606	1024.1	-3.0
148	27	76.088	177.246	1025.3	-1.1
149	28	76.148	177.187	1024.4	-.1
150	29	76.172	176.926	1022.6	-.0
151	30	76.156	176.619	1026.1	-.8
152	31	76.126	176.258	1029.0	-.9

BUOY(29) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	76.117	176.086	1031.6	-1.2
154	2	76.119	176.100	1024.4	-1.4
155	3	76.124	176.111	1021.3	-.4
156	4	76.158	176.079	1019.0	-1.7
157	5	76.198	175.943	1009.6	.3
158	6	76.215	175.967	1004.5	2.0
159	7	76.221	176.115	1003.1	.6
160	8	76.222	176.318	1003.1	.1
161	9	76.210*	176.605	1011.3	-.7
162	10	76.208	176.704	1014.3	-.2
163	11	76.196	176.522	1014.4	-2.3
164	12	76.142	176.556	1013.8	-1.9
165	13	76.134	176.756	1014.6	-.1
166	14	76.170	176.961	1018.3	2.4
167	15	76.231	177.139	1017.4	2.0
168	16	76.290	177.320	1015.3	3.2
169	17	76.334	177.357	1012.9	3.7
170	18	76.389	177.411	1012.7	3.2
171	19	76.451	177.299	1009.0	2.8
172	20	76.539	177.105	1001.0	1.8
173	21	76.593	176.924	997.8	2.3
174	22	76.575	176.795	998.2	1.7
175	23	76.573*	176.802	1000.6*	1.5*
176	24				
177	25	76.705	176.999	1009.9	2.0
178	26	76.795	177.028	1012.5	3.7
179	27	76.912	176.778	1010.1	3.0
180	28	76.993	176.728	1011.7	2.3
181	29	77.069	176.685	1008.8	1.8
182	30			1003.3*	1.8*

BUOY(29) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	77.261	176.884	1008.7	2.1
184	2	77.313	176.959	1013.5	3.5
185	3	77.392	176.694	1011.4	2.6
186	4	77.451	176.281	1012.6	2.3
187	5	77.497	176.143	1018.3	2.8
188	6	77.549	175.862	1021.7	2.4
189	7	77.595	175.621	1022.3	3.3
190	8	77.677	175.372	1022.3	3.0
191	9	77.768	175.047	1015.5	1.6
192	10	77.852	174.822	1011.1	1.5
193	11	77.963	174.504	1006.9	1.0
194	12	78.052	174.163	1012.8	1.2
195	13	78.127	173.734	1020.8	.8
196	14	78.151	173.429	1028.2	3.0
197	15	78.151	173.180	1032.8	4.0
198	16	78.136	172.978	1033.4	4.2
199	17	78.130	172.748	1031.7	3.0
200	18	78.128	172.460	1028.0	3.7
201	19	78.129	172.094	1026.9	2.9
202	20	78.136	171.759	1027.5	3.2
203	21	78.125	171.595	1026.7	4.9
204	22	78.112	171.605	1023.7	4.6
205	23	78.118	171.765	1016.8	3.1
206	24	78.123	172.058	1009.6	.7
207	25	78.073	171.836	1014.0	1.4
208	26	78.050	171.575	1011.6	1.3
209	27	77.995	171.204	1014.2	.6
210	28	77.960	171.165	1015.1	.4
211	29	77.962	171.197	1014.1	.2
212	30	77.993	171.315	1012.6	.8
213	31	78.044	171.945	1007.3	.7

BUOY(29) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	78.148*	172.574	991.1	.4
215	2	78.083*	172.889	1001.0	.2
216	3	77.980	173.462	1007.9	.1
217	4	77.995	173.943	1007.2	.4
218	5	78.000	174.195	1009.3	.2
219	6	77.961	174.405	1016.2	.5
220	7	77.973	174.775	1022.7	.6
221	8	78.047	174.879	1026.5	.4
222	9	78.097	174.966	1034.6	1.2
223	10	78.110	175.193	1034.6	1.5
224	11	78.074	175.766	1027.2	.4
225	12	78.077	175.699	1023.8	.9
226	13	78.039	175.843	1016.5	.5
227	14	77.986	175.771	1013.1	-.2
228	15			1017.7	-1.1
229	16				
230	17	77.811	175.969	1002.5	-.5
231	18	77.726	176.588	993.3	-.2
232	19	77.728*	176.782	988.0	.1
233	20	77.640*	177.413	997.8	-1.0
234	21	77.616	177.716	1001.0	-1.9
235	22	77.601	178.226	999.3	-1.7
236	23	77.554	178.895	1007.8	-2.3
237	24	77.564	179.835	1006.2	-1.4
238	25	77.596	-179.835	1007.3	-1.7
239	26			1009.4	-2.0
240	27	77.648	-179.665	994.4	-1.3
241	28	77.418	-179.132	996.6	-1.5
242	29	77.076	-178.542	993.2	-1.6
243	30	77.062	-178.666	1000.6	-1.7
244	31	77.042	-178.781	1009.7	-1.9

BUOY(29) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	76.904*	-178.559	1014.0	-1.6
246	2	76.818*	-177.701	995.4	-1.1
247	3	76.708	-177.242	995.5	-.6
248	4	76.594	-177.328	1011.1	-1.0
249	5	76.526	-176.910	1003.4	-1.0
250	6	76.399	-176.521	1008.9	-.9
251	7	76.330	-176.283	1007.1	-1.1
252	8	76.304	-176.235	1000.2	-.8
253	9	76.250	-176.647	1013.8	-2.1
254	10	76.216	-176.594	1019.7	-2.9
255	11	76.212	-176.671	1026.4	-2.8
256	12	76.239	-176.768	1030.2	-2.7
257	13	76.312	-176.759	1022.9	-1.7
258	14	76.357	-176.639	1020.7	-1.2
259	15	76.362	-176.562	1019.1	-1.2
260	16	76.352	-176.622	1020.3	-1.5
261	17	76.360	-176.882	1018.0	-2.4
262	18	76.324	-177.244	1019.2	-3.1
263	19	76.280	-177.394	1027.2	-2.6
264	20	76.336	-177.326	1028.5	-2.4
265	21	76.444	-177.395	1024.9	-3.1
266	22			1023.1	-3.1
267	23	76.646	-177.044	1013.4	-2.0
268	24	76.605	-177.042	1019.8	-1.8
269	25	76.603	-177.275	1023.8	-3.0
270	26	76.599	-177.430	1030.2	-3.3
271	27	76.591	-177.335	1031.9	-3.2
272	28	76.612	-177.303	1029.8	-3.2
273	29	76.624	-177.089	1021.1	-4.0
274	30	76.695	-176.700	1014.8	-3.5

BUOY(29) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1			1018.3	-3.2
276	2			1013.9	-4.6
277	3			1007.9	-5.5
278	4	76.954	-175.858	1003.7	-3.9
279	5	76.955	-175.815	1002.2	-3.3
280	6	76.950*	-175.869	998.6	-4.1
281	7			996.0	-4.9
282	8	77.016	-175.465	1004.1	-3.9
283	9	77.133	-175.292	1010.3	-4.7
284	10	77.214	-175.237	1011.2	-4.9
285	11	77.381	-174.931	1015.4	-3.1
286	12	77.435	-175.138	1009.7	-4.6
287	13	77.486	-175.565	1004.9	-4.1
288	14	77.558	-175.936	1001.3	-4.0
289	15	77.621	-176.197	1001.8	-3.8
290	16			1003.3	-4.3
291	17			998.5	-4.3
292	18			1004.3	-4.6
293	19			1015.3	-4.8
294	20			1024.6	-4.8
295	21			1020.3	-4.6
296	22			1015.6	-4.2
297	23			1028.2	-5.2
298	24			1017.9	-4.7
299	25	77.530*	-176.754	1017.9	-4.9
300	26			1028.8	-5.4
301	27			1032.2	-6.3
302	28			1025.6	-6.1
303	29			1022.6	-6.0
304	30			1024.4	-6.7
305	31	77.416*	-178.326	1025.7	-5.8

BUOY(29) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1			1019.5	-5.6
307	2			1018.4	-5.9
308	3			1021.6	-6.4
309	4			1018.3	-6.4
310	5			1017.4	-6.7
311	6			1020.1	-7.7
312	7	77.677*	179.401	1021.1	-9.5
313	8			1023.5	-10.3
314	9	77.619	179.020	1020.6	-9.5
315	10	77.562	178.452	1020.4	-8.8
316	11	77.531	178.156	1026.2	-8.6
317	12			1029.8	-9.1
318	13			1035.0	-9.9
319	14	77.543	177.497	1036.0	-10.5
320	15	77.586	177.318	1035.7	-10.4
321	16			1038.7	-10.8
322	17	77.655	177.061	1037.7	-11.7
323	18			1036.6	-11.6
324	19			1033.3	-10.3
325	20			1024.6	-9.8
326	21			1023.5	-10.3
327	22			1025.5	-11.8
328	23			1030.9	-13.4
329	24	77.838*	175.757	1031.4	-13.4
330	25	77.865	175.425	1028.2	-12.5
331	26			1028.5	-12.3
332	27			1022.2	-11.3
333	28			1033.4	-11.0
334	29	77.940	173.666	1035.0	-12.3
335	30			1026.1	-12.1

BUOY(29) DEC. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1			1006.8	-11.9
337	2	77.929	173.396	983.7	-10.2
338	3			994.5	-10.1
339	4			1006.8	-10.8
340	5			1019.0	-12.1
341	6	77.895	175.951	1031.5	-12.6
342	7			1025.0	-11.7
343	8			1032.8	-12.8
344	9			1043.5	-14.8
345	10			1050.3	-16.1
346	11			1048.5	-16.1
347	12	77.848	176.415	1042.5	-14.0
348	13	77.823	176.421	1041.0	-13.7
349	14	77.826*	176.405	1038.1	-13.6
350	15	77.809*	176.307	1038.7	-14.0
351	16				
352	17	77.836*	176.278	1043.6	-14.7
353	18			1044.8	-14.4
354	19			1027.4	-13.8
355	20			1030.4	-13.1
356	21			1018.8	-13.0
357	22			1013.3	-12.6
358	23			1028.7	-13.5
359	24			1033.5	-14.7
360	25			1027.3	-15.2
361	26			1016.1	-15.9
362	27			998.4	-14.3
363	28			1001.5	-12.9
364	29			1022.3	-15.7
365	30			1028.0	-17.7
366	31			1040.2*	-17.8*

BUOY(30) APR.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23	79.218*	170.687		
115	24	79.242*	170.821		
116	25	79.251	170.966		
117	26	79.267	170.881	1039.4	-15.3
118	27	79.279	170.687	1037.7	-15.4
119	28	79.272	170.425	1034.3	-15.2
120	29	79.247	170.188	1033.0	-15.1
121	30	79.198	170.234	1024.4	-13.6

BUOY(30) MAY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	79.174	170.241	1016.6	-10.5
123	2	79.158*	170.095	1026.1	-14.1
124	3	79.150*	170.154	1032.8	-13.1
125	4	79.149	170.246	1039.8	-11.8
126	5	79.162	170.264	1044.4	-12.7
127	6	79.202	170.223	1042.1	-13.9
128	7	79.251	170.085	1038.3	-13.6
129	8	79.289	169.930	1038.9	-12.0
130	9	79.339	169.756	1039.1	-10.4
131	10	79.378	169.463	1034.9	-10.2
132	11	79.405	169.192	1033.1	-9.9
133	12	79.393	169.007	1029.6	-8.9
134	13	79.380*	168.894	1030.2	-8.9
135	14	79.376*	168.867	1032.5	-7.5
136	15	79.403	168.689	1031.6	-8.0
137	16	79.460	168.350	1029.4	-8.4
138	17	79.520	167.812	1026.0	-6.8
139	18	79.560	167.174	1024.1	-5.4
140	19	79.587	166.824	1025.9	-5.8
141	20	79.591	166.672	1025.8	-6.6
142	21	79.620	166.611	1024.3	-8.1
143	22	79.727	166.530	1022.0	-7.9
144	23	79.844	166.636	1024.5	-7.2
145	24	79.899	166.778	1031.0	-3.8
146	25	79.973	166.655	1031.3	-4.9
147	26	80.039	166.363	1032.3	-4.3
148	27	80.098	165.922	1025.0	-1.6
149	28	80.156	165.738	1023.8	.2
150	29	80.168	165.663	1026.5	.3
151	30	80.141	165.350	1032.3	1.0
152	31	80.124	165.152	1033.2	-.1

BUOY(30) JUNE	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	80.141*	165.317	1027.3	-1.4
154	2	80.167*	165.589	1018.3	-.4
155	3	80.177	165.749	1015.5	1.2
156	4	80.205	165.861	1015.9	1.3
157	5	80.245	165.787	1011.1	-.1
158	6	80.270	165.676	1003.2	-.4
159	7	80.294	165.611	998.9	.4
160	8	80.308	165.393	998.9	2.0
161	9	80.273	165.363	1003.6	-.1
162	10	80.241*	165.470	1010.4	-.3
163	11	80.223*	165.622	1012.6	-1.4
164	12	80.281	166.305	1002.4	-.8
165	13	80.284	166.488	1005.7	2.2
166	14	80.324	166.985	1006.9	4.7
167	15	80.402	167.648	1008.4	3.6
168	16	80.470	168.091	1005.6	2.7
169	17	80.490	168.425	1010.7	2.7
170	18	80.531	168.661	1010.1	2.2
171	19	80.589	168.692	1012.5	3.0
172	20	80.677	168.384	1004.2	3.2
173	21	80.763	167.954	999.7	2.2
174	22	80.818	167.549	1004.6	2.4
175	23	80.843*	166.873	1002.6*	2.4*
176	24				
177	25	80.970	166.501	1009.1	3.0
178	26	81.032	166.406	1012.3	2.2
179	27	81.138	165.999	1011.6	2.4
180	28	81.224	165.744	1010.0	1.9
181	29	81.252	165.613	1011.0	2.9
182	30	81.327*	165.035	999.4*	1.9*

BUOY(30) JULY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	81.465*	164.826	1001.4	2.0
184	2	81.588	164.870	1009.9	2.0
185	3	81.628	164.666	1015.8	4.1
186	4	81.674	164.240	1017.8	3.5
187	5	81.700	163.895	1019.2	2.8
188	6	81.737	163.669	1023.5	3.2
189	7	81.795	163.513	1025.1	3.5
190	8	81.876	163.255	1023.0	2.7
191	9	81.976	162.962	1018.5	2.8
192	10	82.034	162.576	1011.7	2.2
193	11	82.107	162.145	1013.8	2.3
194	12	82.167	161.598	1018.1	2.1
195	13	82.230	161.350	1023.5	2.4
196	14	82.266	161.276	1028.9	4.1
197	15	82.270	161.289	1033.0	4.9
198	16	82.258	161.343	1034.2	5.5
199	17	82.256	161.316	1032.9	5.0
200	18	82.259	161.170	1031.9	5.2
201	19	82.262	161.158	1029.2	4.8
202	20	82.258	161.419	1025.4	4.6
203	21	82.260	161.785	1019.7	4.3
204	22	82.303	162.787	1009.1	3.0
205	23	82.300	163.545	1009.1	1.9
206	24	82.257	163.429	1012.8	2.2
207	25	82.201	163.087	1015.3	2.1
208	26	82.154	162.611	1017.2	1.1
209	27	82.096	162.534	1014.1	.4
210	28	82.064	162.785	1010.9	.2
211	29	82.083	163.024	1009.7	1.3
212	30	82.148	163.336	1002.8	1.1
213	31	82.193	163.859	998.6	1.4

BUOY(30) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	82.191	163.626	996.0	1.0
215	2	82.061	163.331	990.8	.4
216	3	81.880	164.319	994.9	.4
217	4	81.859	165.173	1000.8	.6
218	5	81.859	165.678	1002.6	.8
219	6	81.825	166.170	1009.2	.8
220	7	81.804	166.501	1017.5	1.0
221	8	81.811	166.831	1023.2	1.3
222	9	81.811	167.434	1028.4	1.5
223	10	81.817	168.566	1017.6	1.7
224	11	81.727	169.033	1025.7	.9
225	12	81.682	169.303	1020.0	-.0
226	13	81.585	169.551	1016.6	-.2
227	14	81.522	169.477	1014.6	-.9
228	15	81.506	169.162	1019.4	-1.6
229	16	81.436	169.463	1007.4	-1.1
230	17	81.326	169.794	995.8	.8
231	18	81.271	169.959	992.7	-.2
232	19	81.349	169.405	991.7	-2.4
233	20	81.311	168.628	995.4	-3.2
234	21	81.260	168.908	996.4	-3.4
235	22	81.215	168.574	989.4	-3.5
236	23	81.172	169.062	993.8	-2.6
237	24	81.155	169.649	994.5	-2.1
238	25	81.112	169.704	1005.1	-3.0
239	26	81.132	169.744	999.7	-3.3
240	27	81.091	169.678	992.2	-2.9
241	28	80.911	169.940	992.6	-4.0
242	29	80.679	169.886	997.4	-2.1
243	30	80.619	169.593	1006.8	-1.6
244	31	80.559	169.507	1011.3	-1.9

BUOY(30) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	80.433	169.829	1005.2	-2.9
246	2	80.386	170.198	992.6	-.3
247	3	80.352	170.248	1000.9	-1.3
248	4	80.287	170.443	1008.1	-2.5
249	5	80.253	170.998	990.8	-1.7
250	6	80.160	171.134	1004.8	-4.7
251	7	80.100	171.898	1002.7	-6.3
252	8	80.078	171.916	1005.0	-6.0
253	9	80.033	172.059	1010.6	-6.8
254	10	79.951	172.298	1018.2	-4.2
255	11	79.905	172.355	1025.8	-4.5
256	12	79.931	172.677	1024.5	-7.0
257	13	80.047	173.121	1016.9	-6.1
258	14	80.132	173.440	1015.3	-3.1
259	15	80.123	173.685	1018.2	-2.8
260	16	80.107	173.652	1022.4	-3.5
261	17	80.096	173.336	1023.5	-4.5
262	18	80.072	173.169	1024.0	-5.3
263	19	80.083*	173.353	1024.9	-6.6
264	20	80.172*	173.734	1025.3	-7.4
265	21	80.291*	173.878	1021.4	-5.9
266	22	80.416	174.056	1017.4	-4.3
267	23	80.499	173.915	1014.9	-3.3
268	24	80.500	173.676	1022.4	-5.9
269	25	80.498	173.627	1023.9	-9.0
270	26	80.524	174.075	1023.6	-6.2
271	27	80.539	174.744	1026.2	-5.1
272	28	80.595	175.137	1022.5	-7.0
273	29	80.711	175.614	1009.4	-5.4
274	30	80.785	175.977	1003.9	-3.1

BUOY(30) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	80.832	176.454	1007.7	-3.0
276	2	80.930	177.199	1003.5	-2.8
277	3	81.036	177.801	999.4	-3.6
278	4	81.038	178.013	999.3	-7.0
279	5	81.082	178.461	999.3	-7.2
280	6	81.134	178.612	998.9	-7.9
281	7	81.134	178.591	991.0	-9.9
282	8	81.224	178.692	996.8	-8.1
283	9	81.412	178.597	1005.8	-6.4
284	10	81.494	178.535	1007.6	-9.2
285	11	81.598	178.794	1010.3	-7.4
286	12	81.620	179.004	1020.6	-9.1
287	13	81.668	178.262	1008.4	-7.1
288	14	81.722	178.125	1009.4	-6.9
289	15	81.743	177.773	1007.8	-7.4
290	16	81.798	177.267	1004.4	-4.9
291	17	81.809	176.841	1001.1	-3.3
292	18	81.770	176.624	995.2	-3.9
293	19	81.754	177.126	1007.0	-4.7
294	20	81.794	177.583	1024.6	-6.6
295	21	81.865	177.544	1026.9	-8.2
296	22	81.943	177.211	1016.8	-6.5
297	23	81.984	177.465	1027.5	-6.2
298	24	82.020	177.505	1026.2	-8.4
299	25	81.975	177.458	1023.1	-7.0
300	26	81.956	177.606	1030.1	-8.4
301	27	81.994	177.832	1031.7	-9.0
302	28	82.069	178.122	1025.3	-8.4
303	29	82.101	178.422	1023.6	-6.9
304	30	82.106	178.627	1025.8	-6.5
305	31	82.133	178.956	1022.9	-6.1

BUOY(30) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	82.171	179.261	1020.4	-6.1
307	2	82.223	179.362	1020.1	-6.0
308	3	82.266	179.383	1028.0	-6.4
309	4	82.296	179.112	1029.3	-7.1
310	5	82.302	178.664	1028.5	-6.1
311	6	82.287	178.312	1027.0	-7.4
312	7	82.263	178.084	1025.5	-9.4
313	8	82.245	178.035	1027.1	-11.6
314	9	82.236	177.961	1031.3	-13.5
315	10	82.219	177.927	1030.5	-13.5
316	11	82.175	178.003	1027.0	-14.3
317	12	82.155	177.933	1033.0	-15.3
318	13	82.145	177.902	1038.2	-16.0
319	14	82.151	177.941	1038.7	-16.8
320	15	82.170	177.923	1039.2	-17.7
321	16	82.219	177.903	1038.0	-17.0
322	17	82.257	178.168	1036.4	-13.5
323	18	82.254	178.485	1036.6	-13.4
324	19	82.263	178.531	1039.4	-13.9
325	20	82.313	178.243	1034.1	-12.8
326	21	82.391	177.825	1027.2	-12.0
327	22	82.439	177.826	1028.2	-13.7
328	23	82.476	177.797	1030.6	-14.8
329	24	82.501	177.745	1035.5	-17.0
330	25	82.545	177.609	1034.9	-16.3
331	26	82.595	177.423	1039.1	-16.9
332	27	82.615	177.066	1039.7	-17.6
333	28	82.650	176.625	1038.4	-16.1
334	29	82.691	176.758	1038.6	-15.9
335	30	82.702	176.766	1037.9	-17.6

BUOY(30) DEC.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	82.741	176.026	1027.1	-15.2
337	2	82.811	173.984	989.4	-12.6
338	3	82.921	173.434	992.1	-15.3
339	4	82.947	173.240	989.3	-19.2
340	5	82.943	173.640	1004.9	-20.9
341	6	82.878	173.777	1027.4	-22.2
342	7	82.938	173.637	1022.3	-21.8
343	8	82.923	173.447	1031.6	-21.4
344	9	82.906	173.561	1041.2	-23.4
345	10	82.876	173.892	1045.0	-23.1
346	11	82.843	174.671	1039.5	-19.4
347	12	82.804	175.050	1039.1	-18.3
348	13	82.822	175.382	1037.8	-20.0
349	14	82.834	175.776	1033.5	-19.9
350	15	82.857	176.195	1033.7	-19.2
351	16	82.868	176.810	1034.3	-19.1
352	17	82.890	177.281	1043.6	-19.8
353	18	83.017	177.662	1037.6	-19.1
354	19	83.084	177.941	1027.7	-19.2
355	20	83.113	178.178	1028.3	-17.9
356	21	83.141	178.184	1019.6	-17.7
357	22	83.138	178.126	1006.8	-16.3
358	23	83.102	178.363	1017.7	-18.1
359	24	83.097	178.783	1022.9	-20.8
360	25	83.124	179.534	1011.6	-20.6
361	26			1000.2	-18.3
362	27				
363	28				
364	29				
365	30				
366	31				

BUOY(31) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23	81.364*	167.839		
115	24	81.392	168.108		
116	25	81.429	168.426		
117	26	81.442	168.441	1038.9	-15.3
118	27	81.456	168.297	1039.7	-14.6
119	28	81.450	168.095	1037.8	-14.4
120	29	81.419	167.951	1032.5	-13.5
121	30	81.371	167.979	1024.2	-10.8

BUOY(31) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	81.335	167.746	1021.7	-10.0
123	2	81.317	167.681	1025.2	-12.1
124	3	81.308	167.821	1032.2	-10.0
125	4	81.311	168.063	1038.7	-10.4
126	5	81.324	168.102	1044.5	-12.1
127	6	81.367	168.101	1043.0	-13.9
128	7	81.412	167.933	1039.4	-13.9
129	8	81.455	167.787	1039.0	-12.3
130	9	81.498	167.631	1039.9	-9.7
131	10	81.531	167.426	1037.2	-7.1
132	11	81.551	167.195	1034.6	-7.2
133	12	81.539	167.010	1031.3	-8.5
134	13	81.522*	166.959	1030.8	-8.2
135	14	81.528*	167.016	1033.9	-6.2
136	15	81.551	166.904	1034.0	-5.4
137	16	81.598	166.551	1033.7	-6.4
138	17	81.652	166.060	1031.8	-5.9
139	18	81.685	165.431	1029.6	-5.6
140	19	81.696	165.035	1029.6	-7.9
141	20	81.710	164.996	1027.1	-7.2
142	21	81.736	165.024	1025.1	-7.4
143	22	81.820	165.140	1022.6	-7.3
144	23	81.938	165.301	1022.6	-6.8
145	24	81.985	165.710	1030.3	-3.9
146	25	82.025	165.666	1033.1	-3.4
147	26	82.087	165.367	1035.2	-4.4
148	27	82.147	164.899	1028.7	-2.5
149	28	82.206	164.611	1023.7	.2
150	29	82.217	164.571	1026.9	2.6
151	30	82.192	164.379	1033.6	1.3
152	31	82.176	164.347	1032.8	-.0

BUOY(31) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	82.185*	164.867	1024.1	-1.4
154	2	82.179*	165.256	1016.2	-.2
155	3	82.191	165.457	1014.2	1.5
156	4	82.219	165.611	1015.5	2.5
157	5	82.258	165.494	1012.0	-.1
158	6	82.287	165.217	1004.1	.3
159	7	82.310	164.712	1000.3	-.1
160	8	82.312	164.180	999.8	1.7
161	9	82.286	163.893	1002.6	.0
162	10	82.250	163.867	1007.8	-.1
163	11	82.223	164.144	1011.0	-.8
164	12	82.295	164.663	998.1	-1.1
165	13	82.279	164.803	1004.0	1.1
166	14	82.330	165.426	1002.9	3.6
167	15	82.387	166.114	1006.2	2.7
168	16	82.454	166.531	1002.0	2.3
169	17	82.475	167.292	1008.4	1.9
170	18	82.562	167.744	1007.9	1.2
171	19	82.618	167.762	1014.0	2.2
172	20	82.703	167.306	1006.7	3.1
173	21	82.797	166.644	1004.0	2.6
174	22	82.865	165.972	1008.6	2.5
175	23	82.894*	165.148	1008.0*	2.4*
176	24				
177	25	83.029	164.264	1008.2	3.2
178	26	83.107	164.247	1014.9	3.8
179	27	83.190	163.793	1014.5	3.6
180	28	83.281	163.353	1011.4	3.0
181	29	83.315	163.266	1013.5	2.8
182	30	83.362*	162.781	1004.4*	2.2*

BUOY(31) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	83.455*	162.071	1003.1	2.1
184	2	83.556	161.643	1009.5	2.3
185	3	83.593	161.507	1017.6	3.7
186	4			1020.4*	5.5*
187	5	83.650*	160.843	1021.2*	3.3*
188	6				
189	7				
190	8				
191	9				
192	10				
193	11				
194	12				
195	13				
196	14				
197	15				
198	16				
199	17				
200	18				
201	19				
202	20				
203	21				
204	22				
205	23				
206	24				
207	25				
208	26				
209	27				
210	28				
211	29				
212	30				
213	31			998.4*	1.2*

BUOY(31) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1				
215	2				
216	3				
217	4				
218	5				
219	6				
220	7				
221	8				
222	9				
223	10				
224	11				
225	12				
226	13				
227	14				
228	15				
229	16				
230	17				
231	18				
232	19				
233	20				
234	21				
235	22	83.592	167.878	989.0	-3.7
236	23	83.543*	168.467	985.1*	-3.4*
237	24				
238	25				
239	26				
240	27				
241	28				
242	29				
243	30				
244	31				

BUOY(32) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23	83.141*	120.934		
115	24	83.207*	120.589		
116	25	83.265	120.556		
117	26	83.348	120.515	1025.6	-11.3
118	27	83.395	120.270	1034.5	-13.3
119	28	83.406	120.000	1039.0	-13.9
120	29	83.396	119.939	1039.0	-13.5
121	30	83.369	120.104	1034.2	-11.8

BUOY(32) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	83.338	120.135	1028.7	-10.0
123	2	83.321	120.198	1026.4	-9.8
124	3	83.342	120.464	1025.9	-11.0
125	4	83.376	120.685	1033.6	-10.7
126	5	83.477	120.364	1030.9	-10.5
127	6	83.575	120.009	1034.0	-10.3
128	7	83.628	119.461	1030.6	-10.1
129	8	83.699	118.868	1028.1	-10.1
130	9	83.777	118.292	1027.8	-7.1
131	10	83.833	117.742	1032.3	-6.8
132	11	83.864	117.258	1033.9	-6.2
133	12	83.888	117.011	1031.1	-5.6
134	13	83.952	116.956	1024.5	-5.7
135	14	84.063	116.895	1023.0	-5.3
136	15	84.152	116.431	1027.8	-4.7
137	16	84.174	115.593	1032.1	-5.5
138	17	84.178	114.852	1034.9	-5.2
139	18	84.174	114.295	1034.7	-3.7
140	19	84.165	114.044	1030.9	-.8
141	20	84.163	113.984	1024.4	.5
142	21	84.166	113.916	1020.3	-2.0
143	22	84.185	113.575	1018.1	-4.3
144	23	84.196	113.119	1014.0	-4.2
145	24	84.212	113.302	1019.4	-3.7
146	25	84.275	113.488	1028.6	-3.2
147	26	84.315	112.782	1029.4	-3.6
148	27	84.352	111.874	1028.4	-2.5
149	28	84.363	111.092	1020.3	-.3
150	29	84.365	111.024	1026.2	-.1
151	30	84.398	111.092	1029.9	-.6
152	31	84.467	111.114	1021.9	-.9

BUOY(32) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	84.498	111.415	1019.5	-.6
154	2	84.504	111.867	1010.0	-.9
155	3	84.526	111.971	1008.2	1.0
156	4	84.535	111.787	1009.7	2.0
157	5	84.553	111.310	1014.8	.5
158	6	84.524	110.683	1013.0	-.9
159	7	84.479	110.235	1012.0	-1.4
160	8	84.438	110.030	1011.8	-1.8
161	9	84.395	109.685	1013.8	-2.0
162	10	84.409	109.625	1009.5	-2.4
163	11	84.478	108.937	1000.7	-3.2
164	12	84.515	108.143	1003.9	-1.6
165	13	84.556	107.410	999.3	-1.3
166	14	84.542	107.196	1000.0	-1.1
167	15	84.552	107.110	999.2	-.6
168	16	84.644	106.157	977.2	.2
169	17	84.718	106.704	984.9	.9
170	18	84.779	106.935	998.9	.7
171	19	84.825	106.531	1005.2	.5
172	20	84.918	105.204	1005.1	.4
173	21	84.953	103.833	1006.6	1.9
174	22	84.957	101.877	1010.5	2.3
175	23	84.955*	100.770	1016.0*	3.0*
176	24				
177	25	84.888	98.108	1006.7	2.3
178	26	84.875	96.397	1011.0	2.0
179	27	84.858	95.525	1013.4	2.6
180	28	84.840	94.169	1010.2	2.8
181	29	84.830	93.673	1015.0	3.3
182	30	84.793*	93.400	1014.3*	3.3*

BUOY(32) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	84.709	92.752	1008.7	2.5
184	2	84.638	91.856	1010.5	2.2
185	3	84.628	91.617	1014.4	4.8
186	4	84.659	91.379	1015.9	7.4
187	5	84.698	90.758	1018.9	5.2
188	6	84.724	90.211	1023.0	4.8
189	7	84.728	89.490	1019.0	3.3
190	8	84.743	88.246	1012.4	2.6
191	9	84.786	86.529	1012.9	2.3
192	10	84.806	85.514	1015.1	2.0
193	11	84.812	84.483	1010.3	2.2
194	12	84.939	82.805	1002.9	1.6
195	13	85.067	82.316	1009.6	1.7
196	14	85.165	82.013	1018.0	2.2
197	15	85.230	81.941	1023.0	2.8
198	16	85.264	81.945	1026.1	3.4
199	17	85.288	81.529	1024.8	3.2
200	18	85.347	80.953	1020.7	4.8
201	19	85.407	80.393	1014.0	3.2
202	20	85.452	80.102	1013.2	2.6
203	21	85.493	79.012	998.0	2.0
204	22	85.490	78.562	999.5	3.0
205	23	85.388	78.371	1018.1	3.2
206	24	85.350	78.321	1022.6	1.6
207	25	85.330	78.186	1023.7	1.0
208	26	85.334	78.692	1017.7	.4
209	27	85.371	79.581	1007.8	1.3
210	28	85.403	79.765	1001.3	2.6
211	29	85.401	79.173	1006.5	2.5
212	30	85.374	78.595	1011.0	2.1
213	31	85.366	78.110	1008.5	2.0

BUOY(32) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	85.319	77.668	1006.1	1.7
215	2	85.241	77.335	1005.1	1.7
216	3	85.139	77.103	1003.9	1.7
217	4	85.031	77.060	1001.2	1.7
218	5	84.949	76.931	1003.8	.9
219	6	84.927	76.978	1003.7	.2
220	7	84.956	76.898	1000.1	.8
221	8	85.016	77.278	1005.5	1.3
222	9	85.057	77.859	1014.9	1.2
223	10	85.060	78.164	1015.3	.9
224	11	85.051	78.466	1023.5	-.6
225	12	85.077	79.365	1019.2	.8
226	13	85.058	80.102	1020.2	1.3
227	14	85.032	80.420	1023.0	1.8
228	15	85.018	80.822	1022.3	1.7
229	16	85.017	81.723	1010.5	1.5
230	17	84.998	82.363	1000.9	1.0
231	18	84.982	81.894	1000.6	-1.1
232	19	84.952	81.983	998.9	-1.2
233	20	84.936	81.778	1000.1	-1.2
234	21	84.905	81.434	1009.4	-2.6
235	22	84.786	82.078	1003.7	-2.8
236	23	84.716	81.753	1004.2	-3.0
237	24	84.688	81.259	1004.0	-2.5
238	25	84.665	80.793	1005.0	-3.6
239	26	84.663	81.039	996.2	-4.2
240	27	84.612	81.026	1005.5	-4.3
241	28	84.598	80.495	1017.1	-5.9
242	29	84.568	80.443	1021.9	-6.8
243	30	84.575	80.707	1023.4	-7.2
244	31	84.614	80.619	1014.2	-6.7

BUOY(32) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	84.627	79.661	1002.4	-4.6
246	2	84.600	79.266	997.3	-2.8
247	3	84.568	79.335	1003.4	-2.8
248	4	84.544	79.289	1004.4	-7.1
249	5	84.513	79.475	1000.6	-5.7
250	6	84.470	79.712	1004.7	-3.1
251	7	84.434	79.871	1012.9	-6.3
252	8	84.426	79.612	1015.4	-9.8
253	9	84.437	79.575	1013.0	-8.5
254	10	84.450	79.621	1012.4	-3.2
255	11	84.440	79.385	1010.8	-4.9
256	12	84.413	79.100	1012.1	-6.8
257	13	84.387	78.926	1014.5	-6.8
258	14	84.373	79.070	1018.4	-6.7
259	15	84.383	79.398	1024.9	-6.3
260	16	84.489	79.963	1021.6	-5.6
261	17	84.702	79.941	1003.1	-3.3
262	18	84.812	79.123	996.8	-3.7
263	19	84.814	77.048	1008.5	-4.2
264	20	84.776	76.182	1017.6	-4.7
265	21	84.743	75.753	1023.6	-5.4
266	22	84.746	75.537	1023.3	-7.5
267	23	84.769	75.193	1022.3	-8.1
268	24	84.794	74.835	1015.8	-8.9
269	25	84.790	74.657	1005.2	-12.3
270	26	84.699	73.736	1006.8	-12.2
271	27	84.594	73.098	1011.4	-10.6
272	28	84.537	72.216	1011.6	-7.3
273	29	84.574	71.999	994.7	-6.6
274	30	84.627	71.047	996.3	-8.8

BUOY(32) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	84.621	70.768	993.9	-9.8
276	2	84.593	70.261	999.7	-14.6
277	3	84.570	70.317	1006.8	-15.6
278	4	84.489	71.051	1009.4	-14.9
279	5	84.434	71.592	1003.9	-13.1
280	6	84.397	71.048	1005.0	-16.0
281	7	84.375	70.534	1012.5	-18.1
282	8	84.232	71.220	997.6	-14.5
283	9	84.175	70.905	1014.1	-14.3
284	10	84.160	70.491	1012.4	-17.6
285	11	84.141	70.465	997.7	-17.6
286	12			1006.7	-18.8
287	13			1013.1	-19.0
288	14			1020.4*	-22.4*
289	15			1023.5*	-26.5*
290	16				
291	17				
292	18				
293	19	84.130*	68.577	1001.1	-16.0
294	20	84.106	68.518	999.4	-13.1
295	21	84.148	67.929	1008.2	-14.5
296	22			1018.3	-19.4
297	23				
298	24	84.226*	64.667	1009.6	-18.5
299	25	84.227*	64.099	1014.8*	-19.1*
300	26				
301	27			1009.4*	-18.9*
302	28	84.175*	61.447	1007.6	-17.0
303	29			1001.2	-17.9
304	30	84.092	59.554	998.2	-13.6
305	31	84.043	58.755	997.7	-13.2

BUOY(32) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	84.038	58.408	1007.8	-14.1
307	2	84.052	58.011	1009.1	-16.7
308	3			1015.3	-20.5
309	4				
310	5				
311	6			1029.7*	-21.1*
312	7			1026.1*	-21.6*
313	8				
314	9				
315	10			1018.9*	-19.0*
316	11				
317	12				
318	13			1023.1*	-20.9*
319	14				
320	15				
321	16			1022.9	-27.7
322	17	84.298	51.196	1019.8	-30.2
323	18	84.287	51.032	1020.5	-32.7
324	19	84.274	50.616	1019.8	-30.5
325	20	84.260	50.281	1023.2	-30.5
326	21	84.242	49.935	1023.2	-30.5
327	22	84.206	49.709	1015.7	-29.1
328	23	84.181	49.352	1014.9	-30.4
329	24	84.172	48.942	1020.9	-33.3
330	25	84.159	48.544	1023.4	-34.5
331	26	84.140	48.263	1028.5	-34.5
332	27	84.151*	47.924	1027.4	-30.5
333	28				
334	29				
335	30			1023.1*	-28.7*

BUOY(32) DEC.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	84.184	47.034	1021.7	-30.4
337	2			1033.0	-26.4
338	3	84.162	45.369	1030.2	-31.3
339	4	84.132	45.590	1020.7	-30.2
340	5	84.106	46.033	1015.3	-26.8
341	6	84.089	45.803	1023.2	-28.5
342	7	84.079	45.688	1027.2	-31.3
343	8	84.071	45.501	1027.4	-31.4
344	9				
345	10			1004.1*	-18.8*
346	11				
347	12			1009.9*	-23.7*
348	13				
349	14				
350	15				
351	16			1004.3*	-25.1*
352	17				
353	18			1016.1	-24.9
354	19	84.077*	36.364	1016.1	-25.7
355	20	84.051	36.276	1018.9	-29.0
356	21	84.045	36.245	1017.9	-31.7
357	22	84.036	35.925	1012.1	-31.3
358	23	84.012	35.760	1006.7	-29.8
359	24	83.995*	35.570	1006.9	-31.7
360	25	83.982*	35.480	1007.8	-33.7
361	26			1012.2	-34.2
362	27			1003.4	-33.9
363	28			997.6	-27.6
364	29				
365	30			1006.1*	-23.2*
366	31				

BUOY(33) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23	84.490*	49.407		
115	24	84.477	48.898		
116	25	84.453	47.945		
117	26	84.424	47.085	1015.3	-14.5
118	27	84.387	46.698	1028.7	-13.6
119	28	84.371	46.729	1034.5	-12.9
120	29	84.367	46.988	1034.8	-8.3
121	30	84.402	47.265	1034.7	-8.4

BUOY(33) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	84.460	47.601	1027.9	-7.9
123	2	84.575	47.916	1012.9	-7.4
124	3	84.614	47.467	1013.9	-7.7
125	4	84.618	46.930	1021.9	-9.4
126	5	84.601	46.198	1025.4	-9.9
127	6	84.557	44.299	1028.2	-8.7
128	7	84.513	42.972	1029.3	-9.6
129	8	84.475	42.128	1026.8	-9.8
130	9	84.426	41.278	1026.6	-10.5
131	10	84.386	40.604	1026.3	-8.0
132	11	84.370	39.960	1027.0	-7.4
133	12	84.355	39.525	1024.8	-8.0
134	13	84.328	38.873	1017.2	-7.2
135	14	84.301	38.305	1016.0	-4.8
136	15	84.268	37.745	1023.0	-4.4
137	16	84.248	37.292	1033.3	-4.4
138	17	84.231	37.068	1036.1	-5.3
139	18	84.224	36.977	1033.8	-7.2
140	19	84.237	37.079	1026.5	-5.5
141	20	84.282	37.451	1015.9	-1.1
142	21	84.298	37.334	1006.6	1.3
143	22	84.292	36.694	1008.7	.2
144	23	84.273	36.195	1009.9	-1.3
145	24	84.253	35.722	1006.0	-1.1
146	25	84.234	35.245	1013.8	-.4
147	26	84.240	34.314	1024.6	.1
148	27	84.198	33.341	1029.0	-1.8
149	28	84.138	32.697	1023.5	-2.9
150	29	84.101	32.617	1019.0	-3.5
151	30	84.089	32.462	1019.4	-1.3
152	31	84.056	32.378	1011.5	-1.6

BUOY(33) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	84.107	32.978	1005.3	-.9
154	2	84.072	33.664	1013.6	-1.8
155	3	84.081	34.144	1008.6	-.5
156	4	84.065	33.991	1013.7	.8
157	5	84.031	33.705	1020.5	.2
158	6	84.009	33.475	1020.8	-.5
159	7	83.979	33.055	1016.9	-1.4
160	8	83.958	32.675	1013.6	-1.8
161	9	83.958	32.296	1013.5	-1.2
162	10	83.903	31.537	1012.3	-1.5
163	11	83.809	30.833	1009.6	-2.0
164	12	83.730	30.556	1010.1	-2.2
165	13	83.680	30.412	1009.3	-2.1
166	14	83.651	30.473	1003.0	-2.4
167	15	83.638	29.738	991.7	-2.0
168	16	83.557	29.224	997.4	-1.5
169	17	83.391	30.004	985.4	-1.3
170	18	83.245	30.118	1001.1	-.1
171	19	83.185	30.170	1012.4	.9
172	20	83.100	30.301	1011.6	.9
173	21	82.984	30.103	1014.6	1.2
174	22	82.919	29.884	1020.4	2.4
175	23	82.854*	29.703	1024.1*	4.5*
176	24				
177	25	82.801	29.873	1018.9	5.3
178	26	82.786	29.674	1015.4	6.6
179	27	82.783	29.279	1019.8	5.0
180	28	82.773	29.060	1019.7	5.9
181	29	82.742	28.920	1021.5	6.8
182	30	82.723*	28.856	1022.0*	7.7*

BUOY(33) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	82.704	28.835	1019.2	6.5
184	2	82.690	28.770	1014.9	4.5
185	3	82.669	28.894	1013.5	3.2
186	4	82.626	28.970	1015.2	3.3
187	5	82.565	28.892	1017.2	3.1
188	6	82.526	28.485	1021.3	2.9
189	7	82.501	28.098	1021.6	3.9
190	8	82.459	27.794	1019.5	4.1
191	9	82.400	27.607	1017.2	3.4
192	10	82.368	27.200	1016.5	3.9
193	11	82.318	26.774	1014.8	4.2
194	12	82.175	26.328	1001.3	2.1
195	13	82.087	26.115	998.2	1.8
196	14	82.094*	26.394	1003.6	2.0
197	15	82.134*	26.573	1013.1	2.0
198	16	82.163	26.699	1021.1	2.1
199	17	82.183*	26.433	1021.6*	2.5*
200	18			1019.0*	2.1*
201	19			1012.8	1.6
202	20			1014.9	1.5
203	21	81.987*	25.641	1011.6	1.0
204	22	81.933	25.900	1015.6	1.0
205	23	81.926	26.167	1020.8	1.4
206	24	81.924	26.175	1022.8	2.0
207	25			1018.1	2.0
208	26	82.063*	26.135	1009.4	1.5
209	27	82.071	26.531	1006.5	1.7
210	28	82.031	26.663	1008.3	2.2
211	29	82.007	27.043	1012.8	1.9
212	30			1017.2	1.3
213	31				

BUOY(33) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1				
215	2				
216	3				
217	4				
218	5				
219	6				
220	7	81.559	29.250	997.8	-.1
221	8	81.508	29.744	1000.1	-.2
222	9				
223	10				
224	11				
225	12				
226	13				
227	14				
228	15				
229	16				
230	17				
231	18				
232	19				
233	20				
234	21				
235	22				
236	23				
237	24				
238	25				
239	26				
240	27				
241	28				
242	29				
243	30				
244	31				

BUOY(34) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23	87.202*	-46.155		
115	24				
116	25				
117	26			1028.3	-18.5
118	27	87.045*	-44.175	1025.4	-16.2
119	28			1022.5	-15.3
120	29			1018.1	-7.5
121	30	87.124	-45.356	1021.3	-3.2

BUOY(34) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	87.142	-46.246	1014.0	-3.8
123	2				
124	3			1019.2*	-13.4*
125	4			1024.5*	-12.7*
126	5				
127	6				
128	7				
129	8				
130	9				
131	10				
132	11			1030.2*	-5.2*
133	12				
134	13				
135	14				
136	15				
137	16			1029.0	-6.6
138	17			1028.5	-5.5
139	18	86.967	-46.237	1025.8	-2.1
140	19	86.969	-46.308	1016.6	-1.7
141	20	86.969	-46.319	1012.3	.7
142	21	86.965	-46.310	1014.6	-.8
143	22	86.957	-46.316	1014.7	-2.2
144	23	86.945	-46.305	1017.8	-4.1
145	24			1015.9	-6.8
146	25			1023.3	-5.6
147	26	86.862	-45.925	1030.5	-2.7
148	27	86.838	-45.967	1038.0	-1.0
149	28	86.818	-45.716	1029.0	-3.3
150	29	86.808	-45.373	1016.2	-1.9
151	30	86.811	-45.488	1017.8	-1.7
152	31	86.811	-45.601	1012.2	-3.1

BUOY(34) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	86.809	-45.564	1003.1	-.2
154	2	86.817	-45.544	1006.1	-1.4
155	3	86.815	-45.606	1009.1	-3.0
156	4	86.813	-45.517	1013.6	-2.2
157	5	86.814	-45.330	1020.6	-2.3
158	6	86.814	-45.041	1020.3	-1.2
159	7	86.822	-44.469	1014.9	-1.5
160	8	86.843	-44.403	1010.3	-1.8
161	9	86.852	-44.648	1015.8	-1.9
162	10	86.846	-44.114	1018.8	-2.7
163	11	86.854	-43.531	1011.7	-3.2
164	12	86.862	-43.177	1010.5	-2.5
165	13	86.852	-43.384	1009.7	.2
166	14	86.839	-43.224	1002.8	-.3
167	15	86.866	-42.810	995.4	-2.7
168	16	86.838	-43.021	1006.0	-2.5
169	17	86.737	-41.349	999.1	-.3
170	18	86.703	-41.128	1009.3	1.3
171	19	86.675	-40.502	1015.7	1.4
172	20	86.635	-40.216	1024.7	1.7
173	21	86.612	-39.926	1024.5	2.1
174	22	86.611	-39.910	1020.5	4.4
175	23	86.610*	-39.708	1021.5*	2.2*
176	24				
177	25	86.605	-39.513	1015.8	5.4
178	26	86.606	-39.555	1018.1	3.8
179	27	86.609	-40.288	1019.1	4.4
180	28	86.595	-41.379	1018.7	4.9
181	29	86.588	-41.525	1016.8	5.3
182	30	86.587*	-41.316	1017.1*	6.9*

BUOY(34) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	86.581	-41.214	1012.4	5.3
184	2	86.573	-41.095	1009.8	2.8
185	3	86.559	-40.759	1014.0	3.0
186	4	86.550	-40.776	1018.4	5.2
187	5	86.544	-40.875	1024.8	6.0
188	6	86.539	-40.915	1027.0	5.7
189	7	86.526	-41.247	1026.7	4.6
190	8	86.513	-41.353	1026.2	3.5
191	9	86.504	-41.528	1023.6	3.5
192	10	86.498	-41.809	1020.6	3.7
193	11	86.471	-42.401	1022.2	5.8
194	12	86.426	-43.017	1020.4	7.4
195	13	86.378	-43.275	1016.7	4.4
196	14	86.358	-43.537	1013.0	2.3
197	15	86.348	-44.083	1015.9	2.4
198	16	86.355	-44.399	1012.9	2.2
199	17	86.408	-45.470	1018.0	2.2
200	18	86.448	-46.774	1017.4	2.1
201	19	86.464	-48.613	1011.1	1.3
202	20	86.470	-49.388	1012.7	2.1
203	21	86.502	-49.616	1010.6	4.2
204	22	86.491	-49.919	1007.2	4.0
205	23	86.471	-49.653	1014.2	4.4
206	24	86.479	-49.673	1016.2	3.9
207	25	86.518	-49.850	1016.2	.6
208	26	86.520	-49.957	1009.7	2.2
209	27	86.524	-50.065	1005.2	3.4
210	28	86.539	-50.309	1005.2	3.4
211	29	86.551	-50.852	1006.6	1.6
212	30	86.530	-50.984	1012.5	2.5
213	31	86.512	-50.668	1014.0	1.9

BUOY(34) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	86.478	-49.587	1015.7	1.6
215	2	86.430	-48.028	1016.5	1.4
216	3	86.401	-46.243	1013.0	1.7
217	4	86.362	-44.479	1012.3	1.7
218	5	86.350	-43.561	1001.0	1.6
219	6	86.279	-42.302	1011.0	.6
220	7	86.252	-41.012	997.5	1.1
221	8	86.219	-40.683	1004.9	-.5
222	9	86.222	-40.418	1007.2	-.0
223	10	86.198	-40.207	1002.4	-.2
224	11	86.244	-39.903	1002.8	-.8
225	12	86.349	-40.792	999.1	-1.3
226	13	86.394	-40.660	1010.1	-.1
227	14	86.396	-40.964	1012.8	-1.2
228	15	86.418	-41.531	1004.9	.2
229	16	86.410	-41.197	1003.6	-.4
230	17	86.382	-40.496	1007.0	-2.8
231	18	86.393	-40.040	997.5	-1.0
232	19	86.366	-39.581	998.5	-3.3
233	20	86.342	-39.128	1011.0	-4.5
234	21	86.360	-38.353	1007.2	-3.3
235	22	86.298	-36.480	1017.7	-1.9
236	23	86.275	-34.862	1010.7	-2.0
237	24	86.219	-33.679	1013.8	-2.7
238	25	86.199	-32.477	1001.7	-4.0
239	26	86.160	-31.341	1001.4	-3.8
240	27	86.140	-30.923	1009.7	-6.0
241	28	86.166	-30.652	1009.7	-6.4
242	29	86.227	-30.568	1006.3	-3.5
243	30	86.246	-30.618	1012.0	-2.0
244	31	86.315	-30.563	1003.5	-.8

BUOY(34) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	86.313	-30.157	1005.5	-2.6
246	2	86.311	-29.554	999.0	-4.7
247	3	86.278	-27.774	1000.9	-7.1
248	4	86.233	-25.821	999.9	-4.6
249	5	86.199	-24.654	1000.4	-1.8
250	6	86.170	-23.436	1004.1	-3.2
251	7	86.177	-22.462	1006.9	-8.1
252	8	86.194	-21.987	1001.7	-4.6
253	9	86.234	-21.236	1002.1	-1.9
254	10	86.273	-20.782	1003.2	-4.6
255	11	86.323	-20.631	1005.1	-6.6
256	12	86.330	-20.555	1008.5	-6.6
257	13	86.331	-21.048	1011.0	-5.6
258	14	86.266	-21.644	1009.9	-5.6
259	15	86.220	-21.594	1016.6	-4.4
260	16	86.142	-21.963	1017.4	-4.9
261	17	86.040	-22.429	1014.1	-7.9
262	18	85.962	-22.590	1017.8	-10.3
263	19	85.977	-22.859	1012.7	-11.1
264	20	86.042	-23.715	1011.9	-7.8
265	21	86.069	-24.072	1014.3	-5.7
266	22	86.077	-24.256	1017.2	-5.3
267	23	86.083	-24.400	1017.4	-5.4
268	24	86.110	-24.857	1009.1	-5.4
269	25	86.072	-24.732	1019.4	-5.7
270	26	86.073	-25.071	1015.3	-8.1
271	27	86.053	-25.431	1016.2	-13.1
272	28	86.026	-25.985	1007.1	-11.7
273	29	85.964	-26.438	996.5	-8.5
274	30	85.887	-26.338	1003.8	-8.9

BUOY(34) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	85.838	-25.954	1005.9	-9.4
276	2	85.791	-24.942	1000.0	-8.6
277	3	85.765	-24.156	1007.3	-7.3
278	4	85.740	-23.200	1008.6	-7.3
279	5	85.722	-22.886	1012.8	-9.2
280	6	85.694	-22.316	1013.9	-10.0
281	7	85.654	-21.838	1020.2	-10.2
282	8	85.610	-20.398	1010.5	-8.3
283	9	85.554*	-20.062	1026.0	-12.3
284	10	85.538*	-19.683	1019.9	-12.7
285	11	85.463	-18.908	1017.7	-10.7
286	12	85.391	-18.077	1008.8	-11.3
287	13			1027.9	-14.8
288	14				
289	15	85.153*	-16.915	1022.1	-12.0
290	16	85.127	-16.616	1028.4	-9.2
291	17	85.113	-16.473	1023.1	-8.8
292	18	85.103	-16.406	1018.1	-11.6
293	19	85.074	-15.922	1010.7	-8.7
294	20	84.958	-15.095	1015.6	-7.7
295	21	84.851	-15.064	1024.1	-12.5
296	22			1032.4*	-17.8*
297	23			1017.0*	-16.6*
298	24			1020.8*	-16.6*
299	25			1025.1*	-20.8*
300	26			1014.0*	-16.0*
301	27	84.672	-13.981	1019.3	-12.5
302	28	84.658*	-14.088	1018.2	-14.1
303	29			1008.5	-15.0
304	30	84.659	-14.143	1004.0	-12.1
305	31	84.660	-14.160	1003.2	-11.3

BUOY(34) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	84.661	-14.155	1005.9	-12.2
307	2	84.664*	-14.736	1002.0	-13.8
308	3			1018.9*	-16.4*
309	4			1019.8*	-16.0*
310	5	84.685*	-15.157	1022.8	-13.4
311	6			1027.2	-15.4
312	7			1029.2	-16.2
313	8			1025.9*	-18.0*
314	9			1020.3*	-15.9*
315	10			1016.4	-14.6
316	11			1014.0	-14.3
317	12			1023.6	-15.6
318	13			1024.3	-16.2
319	14			1022.5*	-19.3*
320	15			1022.2*	-20.3*
321	16			1026.3*	-20.4*
322	17			1022.4	-21.3
323	18			1019.1*	-23.1*
324	19			1024.5*	-24.8*
325	20			1024.9*	-25.0*
326	21			1027.0	-24.2
327	22			1026.4*	-24.0*
328	23			1025.8	-22.4
329	24			1026.8	-22.6
330	25			1026.9	-24.6
331	26			1029.3	-25.6
332	27			1032.2	-26.3
333	28			1024.1	-25.9
334	29			1023.9*	-24.3*
335	30			1024.7*	-26.1*

BUOY(34) DEC. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1			1032.8*	-25.8*
337	2				
338	3			1024.7	-22.3
339	4	84.686*	-16.317	1016.4	-20.7
340	5			1023.2	-19.3
341	6	84.668*	-15.798	1022.9	-17.9
342	7	84.667*	-15.855	1027.8	-18.1
343	8			1028.8	-20.0
344	9	84.667*	-16.070	1023.7*	-22.8*
345	10			1009.8*	-22.4*
346	11	84.629*	-16.170	1017.0	-21.5
347	12				
348	13				
349	14				
350	15				
351	16				
352	17				
353	18				
354	19				
355	20				
356	21				
357	22				
358	23				
359	24				
360	25				
361	26				
362	27				
363	28				
364	29				
365	30				
366	31				

BUOY(35) APR.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24	82.515*	-116.446		
116	25	82.516	-116.400		
117	26	82.515	-116.424	1031.9	
118	27	82.514	-116.405	1029.3	
119	28	82.515	-116.421	1024.3	
120	29	82.515	-116.424	1018.8	
121	30	82.516	-116.441	1017.3	

BUOY(35) MAY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	82.516	-116.623	1018.3	
123	2	82.500	-116.676	1015.2	
124	3	82.487	-116.620	1020.7	
125	4	82.485	-116.577	1028.5	
126	5	82.483	-116.584	1035.8	
127	6	82.483	-116.601	1041.6	
128	7	82.475	-116.750	1035.3	
129	8	82.449	-116.875	1031.6	
130	9	82.429	-116.864	1033.5	
131	10	82.414	-116.958	1025.5	
132	11	82.408	-117.015	1020.6	
133	12	82.411	-117.038	1020.3	
134	13	82.410	-117.007	1018.2	
135	14	82.405	-116.980	1020.6	
136	15	82.396	-116.952	1022.5	
137	16	82.389	-117.031	1026.5	
138	17	82.388	-117.036	1028.6	
139	18	82.388	-117.031	1027.0	
140	19	82.376	-117.046	1020.1	
141	20	82.311	-117.240	1017.3	
142	21	82.236	-117.349	1018.4	
143	22	82.149	-117.348	1021.7	
144	23	82.071	-117.176	1025.6	
145	24	82.028	-116.973	1025.6	
146	25	82.014	-116.875	1034.9	
147	26	82.014	-116.911	1039.2	
148	27	82.010	-116.864	1039.6	
149	28	82.014	-116.868	1034.8	
150	29	82.021	-116.783	1017.6	
151	30	82.012	-116.815	1014.0	
152	31	81.953	-117.274	1016.8	

BUOY(35) JUNE	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	81.851	-117.481	1009.8	
154	2	81.765	-117.546	1003.0	
155	3	81.723	-117.588	1012.5	
156	4	81.722	-117.593	1015.2	
157	5	81.728	-117.554	1020.0	
158	6	81.757	-117.506	1011.4	
159	7	81.851	-117.954	995.6	
160	8	81.905	-118.354	1005.1	
161	9	81.943	-118.330	1011.1	
162	10	81.954	-118.063	1013.5	
163	11	81.938	-117.617	1012.2	
164	12	81.932	-117.371	1011.1	
165	13	81.952	-117.423	999.2	
166	14	81.934	-117.957	1006.2	
167	15	81.880	-117.481	1008.2	
168	16	81.869	-117.220	1015.1	
169	17	81.869	-116.859	1011.6	
170	18	81.869	-116.866	1015.2	
171	19	81.866	-116.834	1021.5	
172	20	81.868	-116.844	1025.7	
173	21	81.874	-116.935	1020.8	
174	22	81.887	-117.084	1016.8	
175	23	81.914*	-117.181	1016.0*	
176	24				
177	25	81.933	-117.503	1010.8	
178	26	81.891	-117.629	1013.7	
179	27	81.824	-117.983	1019.9	
180	28	81.765	-118.154	1021.2	
181	29	81.751	-118.089	1019.2	
182	30	81.758*	-118.040	1017.9*	

BUOY(35) JULY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	81.764*	-117.999	1014.2	
184	2	81.763	-117.975	1013.2	
185	3	81.760	-117.963	1016.5	
186	4	81.755	-117.981	1019.6	
187	5	81.742	-118.066	1023.5	
188	6	81.732	-118.167	1026.3	
189	7	81.699*	-118.411	1025.4	
190	8	81.669*	-118.731	1026.9	
191	9	81.633	-118.945	1021.2	
192	10	81.594	-119.102	1018.8	
193	11	81.541	-119.293	1016.5	
194	12	81.506	-119.506	1018.4	
195	13	81.473	-119.722	1021.1	
196	14	81.431	-119.948	1024.7	
197	15	81.373	-120.068	1019.8	
198	16	81.315	-120.297	1018.2	
199	17	81.234*	-120.622	1015.8	
200	18	81.123*	-121.138	1014.6	
201	19	81.035	-121.555	1015.1	
202	20	80.973	-121.676	1015.0	
203	21	80.971	-121.627	1011.0	
204	22	80.962	-121.619	1009.0	
205	23	80.946	-121.413	1003.6	
206	24	80.935	-121.403	1004.8	
207	25	80.961	-121.262	1003.7	
208	26	80.993*	-121.241	1004.0	
209	27	81.014*	-121.419	1002.8	
210	28	80.987	-121.748	1004.5	
211	29	80.958	-121.912	1008.4	
212	30	80.935	-121.928	1013.7	
213	31	80.903	-121.905	1017.6	

BUOY(35) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	80.904	-121.616	1018.1	
215	2	80.949	-121.344	1013.1	
216	3	80.996	-121.070	1010.3	
217	4	81.003	-121.078	1008.2	
218	5	80.936*	-121.179	1015.6	
219	6	80.952*	-120.745	1016.8	
220	7	80.983	-120.173	1015.8	
221	8	80.952	-120.211	1024.4	
222	9	80.889	-120.022	1021.8	
223	10	80.828	-119.854	1014.4	
224	11	80.758	-119.423	1001.0	
225	12	80.719	-119.482	1007.2	
226	13	80.725*	-119.441	1004.8	
227	14	80.776*	-119.634	1001.0	
228	15	80.799	-119.900	1003.8	
229	16	80.793	-119.914	1003.6	
230	17	80.802	-119.839	1000.1	
231	18	80.817	-119.820	992.5	
232	19	80.810	-119.924	997.7	
233	20	80.816	-120.117	1001.4	
234	21	80.856	-119.417	1005.0	
235	22	80.874*	-119.114	1014.4	
236	23	80.933*	-118.610	1015.0	
237	24	80.960	-118.392	1011.1	
238	25	80.982	-118.168	1006.9	
239	26	81.010	-118.106	1003.7	
240	27	80.998	-118.144	1001.5	
241	28	81.100	-117.916	984.7	
242	29	81.134	-117.729	999.3	
243	30	81.175	-117.733	1001.0	
244	31	81.254	-118.043	991.1	

BUOY(35) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	81.283	-117.667	988.7	
246	2	81.303	-116.824	999.2	
247	3	81.350	-116.392	1000.7	
248	4	81.427	-115.910	996.6	
249	5	81.511	-115.485	991.0	
250	6	81.571	-114.811	987.5	
251	7	81.619	-114.267	1000.9	
252	8	81.680	-113.917	991.4	
253	9	81.684	-113.441	993.9	
254	10	81.720	-113.280	996.8	
255	11	81.716	-113.358	1006.7	
256	12	81.727	-113.313	1014.5	
257	13	81.732	-113.331	1028.1	
258	14	81.741	-113.202	1027.3	
259	15	81.754	-112.970	1024.0	
260	16	81.796	-113.020	1018.8	
261	17	81.818	-113.198	1018.9	
262	18	81.812	-113.504	1016.8	
263	19			1013.4	
264	20	81.701	-114.033	1017.2	
265	21	81.630	-114.175	1014.5	
266	22	81.585	-114.352	1015.0	
267	23	81.557	-114.527	1015.3	
268	24	81.529	-114.640	1018.3	
269	25	81.517	-114.527	1021.2	
270	26	81.447	-114.618	1019.0	
271	27	81.382	-114.790	1022.7	
272	28	81.351	-114.743	1018.1	
273	29	81.345	-114.689	1013.4	
274	30	81.338	-114.640	1015.0	

BUOY(35) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	81.343	-114.448	1016.5	
276	2	81.335	-114.155	1013.9	
277	3	81.336	-114.135	1014.6	
278	4	81.343	-114.009	1011.9	
279	5	81.352	-113.985	1012.5	
280	6	81.380	-113.839	1014.7	
281	7	81.499	-113.585	1002.8	
282	8	81.571	-113.103	1018.1	
283	9	81.629*	-113.125	1017.4	
284	10	81.731*	-112.996	1012.9	
285	11	81.718	-112.935	1025.2	
286	12	81.680	-112.756	1029.6	
287	13	81.705	-112.750	1031.6	
288	14	81.777	-112.770	1021.4	
289	15	81.844	-112.459	1024.3	
290	16	81.902	-112.479	1020.6	
291	17	81.973	-112.576	1010.9	
292	18	82.072	-112.703	1003.6	
293	19	82.142	-112.151	1014.5	
294	20	82.144	-111.906	1029.2	
295	21	82.145	-112.048	1027.7	
296	22	82.141	-112.232	1034.1	
297	23	82.108	-112.125	1025.8	
298	24	82.040	-111.910	1037.3	
299	25	82.058	-111.845	1028.8	
300	26	82.088	-111.742	1011.4	
301	27	82.027	-111.997	1025.3	
302	28	81.971	-112.087	1025.8	
303	29	81.927	-111.948	1012.2	
304	30	81.870	-112.051	1015.8	
305	31	81.789	-112.076	1012.4	

BUOY(35) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	81.684	-112.199	1010.1	
307	2	81.602	-112.429	1010.0	
308	3	81.569	-112.577	1018.2	
309	4	81.566	-112.590	1020.6	
310	5	81.572	-112.579	1026.0	
311	6	81.576	-112.588	1027.5	
312	7	81.591	-112.681	1024.1	
313	8	81.573	-112.801	1019.3	
314	9	81.491	-113.174	1012.3	
315	10	81.418	-113.526	1006.4	
316	11	81.414	-113.548	1015.0	
317	12	81.425	-113.519	1028.5	
318	13	81.414	-113.514	1030.6	
319	14	81.413	-113.514	1022.9	
320	15	81.412	-113.527	1025.9	
321	16	81.419	-113.546	1027.7	
322	17	81.413	-113.525	1026.3	
323	18	81.413	-113.531	1022.8	
324	19	81.412	-113.531	1026.2	
325	20	81.414	-113.533	1026.2	
326	21	81.349	-114.053	1021.8	
327	22	81.257	-114.771	1022.1	
328	23	81.189	-115.199	1027.3	
329	24	81.144	-115.458	1032.6	
330	25	81.091	-115.689	1032.1	
331	26	81.026	-115.815	1034.7	
332	27	80.991	-115.930	1033.2	
333	28	80.928	-116.173	1031.0	
334	29	80.883	-116.261	1026.3	
335	30	80.857	-116.375	1029.7	

BUOY(35) DEC.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	80.858	-116.332	1039.1	
337	2	80.862	-116.292	1036.6	
338	3	80.888	-116.079	1023.6	
339	4	80.930	-115.801	1012.6	
340	5	80.949	-115.728	1017.5	
341	6	80.947	-115.720	1020.9	
342	7	80.943	-115.724	1030.8	
343	8	80.947	-115.728	1029.5	
344	9	80.939	-115.748	1029.2	
345	10	80.901	-115.907	1029.0	
346	11	80.901*	-115.926	1020.4	
347	12			1025.1	
348	13	80.892*	-115.946	1030.7	
349	14	80.890	-115.924	1026.7	
350	15	80.895	-115.945	1027.5	
351	16	80.895	-115.934	1017.4	
352	17	80.889	-115.958	1032.8	
353	18	80.893	-115.949	1045.9	
354	19	80.889	-115.928	1035.0	
355	20	80.894*	-115.959	1022.4	
356	21	80.895*	-115.965	1027.9	
357	22	80.886*	-115.925	1015.9	
358	23	80.891*	-115.889	998.4	
359	24	80.879	-115.890	1012.8	
360	25	80.886	-115.885	1015.1	
361	26	80.884	-115.882	1003.4	
362	27	80.885*	-115.861	983.5	
363	28	80.875*	-115.970	996.5	
364	29	80.870	-115.971	1010.2	
365	30	80.868	-115.943	1011.9	
366	31			1026.5*	

BUOY(36) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24	88.524*	123.676		
116	25	88.558	121.690		
117	26	88.621	121.418	1023.3	-12.9
118	27	88.658	121.650	1028.4	-14.2
119	28	88.656	121.844	1029.6	-14.7
120	29	88.628	123.243	1025.7	-10.1
121	30	88.586	124.720	1026.3	-8.5

BUOY(36) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	88.558	125.043	1022.8	-10.0
123	2	88.563	127.595	1014.8	-10.0
124	3	88.577	128.661	1020.4	-9.4
125	4	88.595	128.849	1025.2	-10.5
126	5	88.634	128.922	1038.0	-11.8
127	6	88.707	127.591	1039.9	-10.8
128	7	88.751	126.184	1035.5	-11.8
129	8	88.800	125.368	1034.0	-12.2
130	9	88.862	123.702	1033.1	-10.2
131	10	88.905	122.797	1032.8	-8.1
132	11	88.912	122.608	1032.1	-6.7
133	12	88.915	122.982	1029.0	-6.4
134	13	88.926	123.837	1024.4	-5.5
135	14	88.965	124.115	1022.9	-5.8
136	15	88.991	124.066	1029.5	-5.0
137	16	88.996	123.554	1034.8	-4.6
138	17	88.997	123.412	1035.0	-5.0
139	18	88.993	123.242	1030.5	-5.0
140	19	88.994	123.818	1023.6	-4.1
141	20	88.994	124.749	1018.8	-4.2
142	21	89.000	124.366	1017.5	-3.8
143	22	89.013	123.501	1018.7	-5.0
144	23	89.030	122.117	1018.9	-6.6
145	24	89.048	120.488	1013.3	-6.6
146	25	89.070	121.033	1024.1	-5.1
147	26	89.116	120.089	1034.3	-4.4
148	27	89.150	116.782	1035.6	-4.3
149	28	89.167	112.531	1023.1	-4.7
150	29	89.170	111.548	1015.7	-2.7
151	30	89.193	115.732	1024.3	-2.7
152	31	89.254	120.795	1017.2	-2.8

BUOY(36) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	89.302	126.174	1006.7	-1.8
154	2	89.310	130.525	1006.9	-.1
155	3	89.322	128.887	1010.1	-1.1
156	4	89.335	127.124	1012.5	.2
157	5	89.350	124.415	1016.8	1.7
158	6	89.347	120.764	1015.4	-.2
159	7	89.316	115.805	1011.8	-2.2
160	8	89.274	112.627	1012.1	-3.1
161	9	89.233	110.908	1012.9	-2.2
162	10	89.197	106.827	1010.9	-1.3
163	11	89.197	105.066	1007.3	.7
164	12	89.214	103.689	1006.5	1.6
165	13	89.230	101.628	1007.3	1.4
166	14	89.202	95.437	993.5	-2.2
167	15	89.178	97.064	1001.1	-1.4
168	16	89.212	90.918	989.5	-1.7
169	17	89.275	81.627	993.2	.1
170	18	89.277	73.787	1003.8	.8
171	19	89.247	69.357	1009.3	2.0
172	20	89.223	61.927	1016.5	1.4
173	21	89.157	56.160	1018.8	3.1
174	22	89.085	52.460	1020.1	2.5
175	23	89.058*	51.968	1018.7*	4.6*
176	24				
177	25	88.957	48.935	1017.3	4.0
178	26	88.958	48.415	1019.0	6.7
179	27	88.959	46.909	1022.6	5.9
180	28	88.945	44.377	1019.3	5.8
181	29	88.913	42.904	1018.3	4.7
182	30	88.886*	42.874	1016.7*	6.0*

BUOY(36) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	88.851	42.291	1014.1	3.6
184	2	88.832	41.866	1011.4	3.9
185	3	88.827	40.908	1012.2	2.7
186	4	88.828	38.957	1018.1	2.4
187	5	88.813	37.542	1024.1	3.9
188	6	88.787	36.542	1027.8	4.9
189	7	88.761	34.183	1024.8	3.2
190	8	88.752	31.514	1024.9	2.6
191	9	88.731	28.372	1022.7	3.0
192	10	88.715	27.180	1021.5	4.3
193	11	88.688	25.073	1020.3	4.6
194	12	88.642	21.089	1016.0	2.1
195	13	88.605	15.909	1012.5	1.6
196	14	88.625	11.854	1014.8	1.9
197	15	88.665	9.372	1018.0	1.7
198	16	88.715	6.763	1019.2	1.9
199	17	88.783	5.394	1024.0	1.6
200	18	88.819	5.155	1022.2	2.8
201	19	88.851	4.625	1013.9	4.4
202	20	88.870	4.141	1014.2	3.5
203	21	88.865	2.888	1010.4	3.3
204	22	88.790	4.476	1004.1	2.4
205	23	88.739	7.042	1013.9	1.0
206	24	88.733	8.304	1017.7	.6
207	25	88.737	9.339	1019.5	.9
208	26	88.784	9.617	1010.0	1.2
209	27	88.784	8.814	1003.1	1.9
210	28	88.751	8.487	1003.9	1.7
211	29	88.715	9.177	1009.4	.8
212	30	88.704	8.730	1011.8	1.7
213	31	88.659	8.925	1010.6	1.2

BUOY(36) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	88.564	10.822	1007.8	.9
215	2	88.437	12.575	1008.6	.9
216	3	88.296	15.030	1005.2	1.0
217	4	88.153	16.647	1005.2	.9
218	5	88.068	17.124	1002.6	.1
219	6	88.021	16.387	1003.9	.4
220	7	87.984	15.920	1000.5	.2
221	8	87.971	15.120	1002.5	-.1
222	9	87.970	14.651	1007.6	-.2
223	10	88.012	13.612	1004.5	-.4
224	11	88.093	15.728	1012.1	-1.6
225	12	88.180	16.697	1008.4	-1.7
226	13	88.246	19.494	1012.3	-1.7
227	14	88.270	20.449	1015.9	-2.1
228	15	88.334	22.230	1012.1	.5
229	16	88.405	23.840	999.8	1.0
230	17	88.320	23.181	1005.0	-1.5
231	18	88.302	24.073	998.8	-1.9
232	19	88.302	25.643	993.8	-1.9
233	20	88.241	25.299	1003.6	-3.4
234	21	88.196	27.003	1003.7	-4.4
235	22	88.120	28.652	1006.6	-2.8
236	23	88.000	29.977	1004.1	-3.3
237	24	87.932	29.869	1007.0	-3.4
238	25	87.885	30.914	998.3	-4.9
239	26	87.844	31.172	997.6	-5.2
240	27	87.804	31.215	1005.0	-6.0
241	28	87.771	32.877	1012.8	-7.1
242	29	87.812	35.019	1011.1	-4.1
243	30	87.863	36.751	1016.1	-2.3
244	31	87.937	37.907	1009.5	-3.0

BUOY(36) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	87.962	39.300	1000.6	-2.4
246	2	87.950	38.858	993.7	-5.6
247	3	87.898	40.233	996.4	-7.3
248	4	87.866	41.419	996.1	-8.6
249	5	87.868	41.518	993.2	-8.5
250	6	87.804	43.661	994.0	-4.0
251	7	87.727	44.936	1006.6	-8.4
252	8	87.714	47.178	1005.5	-7.2
253	9	87.736	50.202	1004.5	-4.9
254	10	87.755	52.037	1008.1	-5.5
255	11	87.782	52.990	1008.4	-5.6
256	12	87.795	53.250	1011.2	-5.5
257	13	87.801	53.042	1012.0	-8.1
258	14	87.822	52.804	1013.8	-7.6
259	15	87.856	53.007	1020.6	-5.7
260	16	87.913	52.569	1020.0	-6.5
261	17	88.009	49.532	1009.4	-7.1
262	18	88.022	45.676	1010.6	-9.0
263	19	87.989	43.842	1015.3	-12.1
264	20	87.965	43.521	1019.0	-14.6
265	21	87.983	43.929	1020.3	-13.6
266	22	88.016	44.362	1021.0	-12.0
267	23	88.037	44.279	1021.4	-10.5
268	24	88.073	44.260	1014.0	-9.4
269	25	88.061	43.111	1012.9	-10.1
270	26	87.953	42.277	1012.9	-12.7
271	27	87.886	41.782	1015.1	-14.5
272	28	87.879	41.195	1011.6	-11.7
273	29	87.929	39.520	996.6	-10.6
274	30	87.913	37.681	998.1	-11.4

BUOY(36) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	87.873	36.870	997.2	-11.6
276	2	87.835	36.919	995.0	-15.7
277	3	87.799	37.204	1000.5	-17.6
278	4	87.711	39.697	1001.9	-14.0
279	5	87.661	41.123	1004.6	-15.3
280	6	87.602	41.108	1007.7	-16.9
281	7	87.551	40.882	1009.7	-15.8
282	8	87.405	42.561	998.4	-10.9
283	9	87.326	41.047	1018.5	-14.8
284	10	87.272	40.772	1012.4	-16.3
285	11	87.221	40.417	1004.5	-14.9
286	12	87.157	39.655	1005.5	-16.0
287	13	87.129	38.253	1017.8	-20.0
288	14	87.069	36.433	1016.2	-16.0
289	15	87.036	36.542	1020.6	-21.8
290	16	86.991	36.567	1022.7	-16.7
291	17	86.940	36.337	1020.1	-13.3
292	18	86.882	36.154	1014.5	-15.7
293	19	86.816	36.509	1000.9	-11.7
294	20	86.747	35.818	1003.2	-10.7
295	21	86.681	33.059	1016.5	-14.9
296	22	86.632	31.477	1025.8	-19.8
297	23	86.553	31.008	1008.9	-19.7
298	24	86.498	29.501	1014.4	-20.7
299	25	86.458	28.271	1017.6	-20.5
300	26	86.425	28.134	1013.6	-22.8
301	27	86.398	27.843	1018.5	-24.2
302	28	86.342	26.804	1014.0	-20.6
303	29	86.293	26.496	1007.7	-20.0
304	30	86.260	26.013	1006.2	-19.5
305	31	86.229	25.720	1002.4	-18.1

BUOY(36) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	86.208	25.320	1008.8	-19.3
307	2	86.248	24.751	1006.9	-18.8
308	3	86.245	23.873	1016.7	-19.5
309	4	86.231	23.599	1027.0	-21.7
310	5	86.255	23.492	1026.2	-23.6
311	6	86.253	23.261	1028.8	-23.0
312	7	86.235	23.057	1027.1	-25.0
313	8	86.222	22.677	1026.5	-27.5
314	9	86.210	21.931	1023.9	-27.2
315	10	86.191	21.188	1019.7	-26.9
316	11	86.201	20.553	1016.3	-24.4
317	12	86.200	19.641	1020.9	-23.1
318	13	86.191	18.702	1021.6	-23.8
319	14	86.194	18.091	1021.5	-24.5
320	15	86.190	17.721	1026.9	-25.6
321	16	86.164	17.474	1025.4	-26.7
322	17	86.132	17.253	1020.8	-27.8
323	18	86.120	17.170	1020.5	-31.2
324	19	86.093	16.798	1022.8	-31.3
325	20	86.070	16.533	1023.3	-27.4
326	21	86.042	16.333	1025.5	-26.2
327	22	86.004	16.318	1020.3	-28.4
328	23			1020.2	-30.0
329	24	85.904*	15.503	1024.2	-32.2
330	25			1025.6	-33.9
331	26			1028.4	-34.5
332	27	85.860	14.775	1029.5	-33.7
333	28			1019.0	-30.3
334	29	85.852	14.151	1024.1	-32.8
335	30	85.805	14.218	1021.1	-31.1

BUOY(36) DEC.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	85.792	13.854	1027.7	-31.0
337	2	85.753	12.654	1035.4	-30.3
338	3	85.739	12.537	1027.4	-30.4
339	4	85.710	12.922	1014.7	-27.4
340	5	85.667	13.375	1016.9	-25.4
341	6	85.644	13.331	1024.9	-28.8
342	7	85.641	13.265	1028.6	-31.0
343	8	85.639	13.221	1029.3	-29.4
344	9			1016.9	-28.7
345	10	85.605	11.556	1005.3	-21.1
346	11	85.594	11.019	1013.3	-19.6
347	12	85.548	10.008	1015.8	-24.8
348	13	85.475	9.103	1007.4	-26.4
349	14	85.402	8.396	1002.6	-25.0
350	15	85.347	7.868	999.0	-24.7
351	16	85.306	7.197	1000.7	-25.7
352	17	85.295	6.516	1013.4	-25.7
353	18	85.248	5.970	1020.9	-26.6
354	19			1017.0	-29.8
355	20			1018.5	-32.1
356	21			1017.1	-32.9
357	22			1012.2*	-32.2*
358	23			1006.9*	-33.4*
359	24				
360	25				
361	26				
362	27				
363	28				
364	29			1003.9*	-25.7*
365	30	85.065*	3.702	1007.3	-23.1
366	31			1009.8*	-23.5*

BUOY(37) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24				
116	25				
117	26	83.614	-165.786	1033.5	-14.0
118	27	83.604	-165.783	1035.5	-15.6
119	28	83.600	-165.816	1032.4	-16.0
120	29	83.565	-165.799	1022.8	-15.3
121	30	83.524	-166.006	1017.7	-9.7

BUOY(37) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	83.509	-166.515	1022.3	-14.6
123	2	83.471	-166.497	1018.4	-12.9
124	3	83.451	-166.267	1026.3	-11.5
125	4	83.445	-165.926	1032.7	-12.4
126	5	83.441	-165.848	1044.0	-13.5
127	6	83.459	-165.847	1045.6	-11.2
128	7	83.478	-165.879	1040.7	-10.2
129	8	83.494	-165.801	1039.7	-9.6
130	9			1040.3	-10.3
131	10			1035.8	-7.8
132	11			1029.3	-8.9
133	12	83.477*	-165.835	1025.1	-8.9
134	13	83.451	-165.903	1024.8	-8.5
135	14	83.435	-165.800	1031.1	-7.9
136	15	83.445	-165.726	1034.9	-6.0
137	16	83.464	-165.754	1035.7	-5.4
138	17	83.471	-165.739	1034.4	-5.1
139	18	83.482	-165.906	1032.3	-6.6
140	19	83.488	-165.800	1029.4	-7.9
141	20	83.476	-165.658	1027.8	-7.8
142	21	83.485	-165.361	1027.2	-6.8
143	22	83.512	-164.874	1026.5	-6.4
144	23	83.550	-164.269	1026.3	-6.7
145	24	83.561	-163.471	1029.7	-6.0
146	25	83.565	-163.159	1036.3	-4.4
147	26	83.596	-163.234	1040.3	-4.0
148	27	83.654	-163.366	1039.3	-5.4
149	28	83.737	-163.438	1028.2	-4.1
150	29	83.754	-163.366	1022.3	-.5
151	30	83.699	-163.396	1026.6	-.4
152	31	83.625	-163.492	1028.2	-2.0

BUOY(37) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	83.569	-162.843	1017.9	-1.0
154	2	83.499	-162.410	1013.0	-.3
155	3	83.482	-162.160	1014.6	.5
156	4	83.497	-161.968	1016.4	1.2
157	5	83.529	-161.983	1015.4	2.4
158	6	83.578	-162.221	1004.9	.5
159	7	83.616	-162.906	1002.2	-.5
160	8	83.655	-163.365	1001.5	-1.0
161	9	83.706	-163.798	1001.8	-.4
162	10	83.766	-163.828	1006.0	-.7
163	11	83.774	-163.950	1010.1	.5
164	12	83.794	-163.695	1002.7	-.4
165	13	83.819	-164.080	1008.4	-1.2
166	14	83.878	-163.480	998.9	-.6
167	15	83.854	-162.549	1005.6	.7
168	16	83.894	-161.963	1007.5	1.4
169	17	83.942	-161.293	1008.5	1.2
170	18	83.959	-161.290	1012.6	1.1
171	19	83.997	-161.189	1018.3	2.0
172	20	84.058	-161.282	1017.7	2.4
173	21	84.151	-161.647	1013.4	2.7
174	22	84.236	-162.213	1013.2	1.9
175	23	84.288*	-162.864	1012.8*	.8*
176	24				
177	25	84.446	-163.639	1010.8	1.1
178	26	84.431	-163.578	1018.3	2.8
179	27	84.451	-163.677	1023.2	3.8
180	28	84.509	-163.712	1019.1	2.0
181	29	84.562	-163.581	1015.8	1.4
182	30	84.615*	-163.564	1012.5*	1.6*

BUOY(37) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	84.700	-163.680	1009.1	1.3
184	2	84.721	-163.510	1013.5	2.2
185	3	84.724	-163.367	1018.5	4.1
186	4	84.728	-163.361	1023.6	5.2
187	5	84.758	-163.514	1027.0	4.7
188	6	84.800	-163.558	1029.3	3.1
189	7	84.829	-163.450	1030.7	2.1
190	8	84.856	-163.222	1030.8	1.9
191	9	84.872	-163.073	1025.1	2.1
192	10	84.902	-163.017	1020.9	1.7
193	11	84.949	-162.897	1021.9	1.8
194	12	84.969	-162.835	1023.4	3.2
195	13	84.964	-162.555	1027.0	4.5
196	14	84.948	-162.169	1027.4	3.7
197	15	84.907	-161.773	1027.3	2.0
198	16	84.852	-161.546	1025.2	1.4
199	17	84.782	-161.581	1028.5	.9
200	18	84.742	-161.722	1026.2	1.0
201	19	84.697	-161.696	1022.0	1.6
202	20	84.649	-161.275	1016.7	1.3
203	21	84.588	-160.946	1014.8	.8
204	22	84.543	-159.896	1002.7	.5
205	23	84.482	-158.966	1002.3	.3
206	24	84.453	-158.892	1004.7	.5
207	25	84.407	-160.583	1005.6	.1
208	26	84.376	-161.919	1010.1	-.3
209	27	84.343	-162.194	1008.1	-.4
210	28	84.304	-161.926	1005.7	-.4
211	29	84.267	-161.541	1009.6	-.1
212	30	84.265	-160.891	1010.5	-.4
213	31	84.341	-160.066	1001.0	-.9

BUOY(37) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	84.417	-159.108	1001.4	-.5
215	2	84.587	-158.867	986.3	-.7
216	3	84.809	-158.003	990.0	-1.0
217	4	84.959	-156.671	1003.0	-1.4
218	5	85.052	-156.009	1002.0	-1.4
219	6	85.132	-155.117	1005.3	-1.1
220	7	85.135	-154.367	1010.7	-1.4
221	8	85.125	-152.837	1014.3	-1.4
222	9	85.073	-151.881	1018.3	-1.2
223	10	85.065	-151.337	1003.9	-.9
224	11	84.908	-151.230	1011.1	-1.5
225	12	84.766	-151.262	1008.1	-2.1
226	13	84.702	-151.615	1004.3	-2.3
227	14	84.712	-152.480	1012.8	-2.4
228	15	84.671	-153.231	1011.0	-2.5
229	16	84.681	-152.996	995.6	-2.2
230	17	84.777	-152.654	999.6	-2.5
231	18	84.821	-152.560	995.8	-2.7
232	19	84.835	-152.549	999.5	-2.8
233	20	84.910	-152.926	995.1	-3.7
234	21	85.015	-153.595	986.5	-3.2
235	22	85.117	-152.637	993.0	-3.2
236	23	85.344	-152.072	996.5	-3.0
237	24	85.511	-151.257	995.7	-3.0
238	25	85.560	-151.092	995.1	-3.0
239	26	85.576	-150.583	1000.8	-3.2
240	27	85.671	-150.854	988.8	-3.6
241	28	85.808	-153.054	986.8	-3.2
242	29	85.860	-155.097	996.4	-2.5
243	30	85.884	-155.349	1002.0	-3.2
244	31	85.836	-156.837	997.6	-2.3

BUOY(37) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	85.801	-158.011	994.4	-3.0
246	2	85.730	-158.356	990.0	-3.5
247	3	85.706	-157.613	994.3	-4.0
248	4	85.685	-157.702	999.0	-4.6
249	5	85.676	-157.421	993.3	-5.1
250	6	85.675	-157.022	990.1	-5.7
251	7	85.606	-157.184	980.0	-7.2
252	8	85.585	-158.995	992.5	-9.5
253	9	85.504	-159.839	994.7	-10.0
254	10	85.436	-160.114	1002.5	-8.7
255	11	85.352	-159.885	1007.6	-5.7
256	12	85.268	-159.232	1012.5	-4.9
257	13	85.286	-158.551	1017.9	-5.7
258	14	85.343	-157.553	1015.4	-5.9
259	15	85.384	-157.263	1017.4	-5.7
260	16	85.400	-157.826	1021.6	-7.2
261	17	85.389	-158.181	1022.5	-7.7
262	18	85.393	-158.195	1021.5	-8.1
263	19	85.389	-157.596	1020.1	-8.5
264	20	85.397	-157.130	1021.7	-10.0
265	21	85.384	-156.709	1020.2	-8.3
266	22	85.355	-156.584	1020.1	-8.8
267	23	85.361	-156.599	1019.8	-8.6
268	24	85.343	-156.554	1018.4	-8.9
269	25	85.337	-156.276	1016.6	-9.6
270	26	85.358	-155.998	1017.2	-11.9
271	27	85.418	-155.603	1016.7	-8.5
272	28	85.406	-154.977	1018.4	-6.3
273	29	85.420	-154.487	1008.4	-9.6
274	30	85.471	-153.791	1005.3	-8.4

BUOY(37) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	85.547	-153.124	1001.5	-7.2
276	2	85.589	-151.861	999.3	-6.3
277	3	85.711	-150.678	993.5	-6.7
278	4	85.808	-149.764	999.1	-10.0
279	5	85.929	-149.805	1000.3	-10.0
280	6	86.002	-149.750	1005.0	-11.7
281	7	86.104	-150.609	994.0	-8.2
282	8	86.238*	-150.090	1008.4*	-4.8*
283	9				
284	10				
285	11				
286	12				
287	13				
288	14				
289	15				
290	16				
291	17				
292	18				
293	19				
294	20				
295	21				
296	22				
297	23				
298	24				
299	25				
300	26				
301	27				
302	28				
303	29				
304	30				
305	31				

BUOY(38) APR.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24				
116	25	77.108	-152.952		
117	26			1035.7	-14.9
118	27	77.103	-153.088	1029.8	-14.5
119	28	77.103	-153.228	1027.0	-14.3
120	29	77.089	-153.288	1025.6	-14.4
121	30	77.076	-153.223	1015.8	-13.9

BUOY(38) MAY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	77.079	-153.259	1011.0	-15.1
123	2	77.073	-153.335	1016.7	-13.8
124	3	77.069	-153.335	1029.4	-12.9
125	4	77.060	-153.239	1037.4	-11.4
126	5	77.048	-153.155	1043.2	-11.0
127	6	77.052	-153.171	1041.8	-12.0
128	7	77.041	-153.306	1038.3	-12.9
129	8	77.030	-153.309	1036.2	-12.4
130	9	77.029	-153.342	1036.6	-10.9
131	10	77.031	-153.470	1030.2	-9.7
132	11	77.027	-153.623	1025.0	-10.0
133	12	77.014	-153.660	1022.7	-7.9
134	13	77.006	-153.579	1025.5	-7.5
135	14	76.992	-153.500	1030.1	-7.4
136	15	76.985	-153.539	1031.5	-7.6
137	16	76.982	-153.601	1031.3	-6.3
138	17	76.988	-153.640	1028.3	-5.4
139	18	77.028	-153.875	1026.1	-7.7
140	19	77.041	-154.233	1025.5	-8.3
141	20	77.021	-154.552	1024.9	-6.7
142	21	77.005	-154.723	1027.2	-4.9
143	22	77.010	-154.863	1030.0	-3.5
144	23	77.015	-154.923	1034.4	-2.6
145	24	77.007	-154.948	1036.8	-2.3
146	25	77.013	-154.981	1038.8	-1.5
147	26	77.046	-155.157	1036.5	-1.4
148	27	77.125	-155.606	1036.7	-3.5
149	28	77.207	-155.805	1035.1	-2.6
150	29	77.263	-155.867	1026.8	-2.2
151	30	77.248	-155.963	1023.3	-.7
152	31	77.194	-156.329	1024.5	.5

BUOY(38) JUNE	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	77.137	-156.568	1028.4	-.6
154	2	77.060	-156.424	1021.8	-.9
155	3	77.028	-156.272	1020.5	.2
156	4	77.010	-156.120	1024.9	.9
157	5	77.045	-156.073	1013.4	1.0
158	6	77.091	-155.901	997.8	2.3
159	7	77.011	-155.394	1005.8	1.7
160	8	77.013	-154.941	1005.8	2.3
161	9	77.003	-154.562	1014.1	1.7
162	10	77.014	-154.234	1017.9	.7
163	11	77.045	-154.169	1013.4	2.6
164	12	77.079	-154.398	1007.3	3.7
165	13	77.042	-154.299	1007.9	3.6
166	14	76.975	-154.193	1018.0	3.0
167	15	76.945	-153.829	1023.7	3.6
168	16	76.961	-153.614	1022.9	3.5
169	17	77.002	-153.548	1018.6	4.8
170	18	77.018	-153.524	1020.0	6.1
171	19	77.032	-153.558	1018.8	7.5
172	20	77.111	-153.791	1010.8	5.3
173	21	77.202	-154.222	998.4	3.4
174	22	77.290	-154.590	999.9	2.7
175	23	77.352*	-154.629	1006.6*	2.4*
176	24				
177	25	77.325	-154.373	1017.3	3.8
178	26	77.308	-154.259	1019.9	5.4
179	27	77.340	-154.396	1022.4	5.2
180	28	77.395	-154.427	1022.7	3.3
181	29	77.413	-154.306	1019.8	3.5
182	30	77.442*	-154.156	1015.0	4.5

BUOY(38) JULY	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	77.473	-153.994	1013.9	3.3
184	2	77.481	-153.931	1016.3	3.8
185	3	77.504	-153.932	1017.1	4.4
186	4	77.551	-153.920	1020.8	4.5
187	5	77.594	-153.931	1025.4	4.9
188	6	77.629	-154.003	1025.7	4.3
189	7	77.651	-154.134	1026.8	4.0
190	8	77.668	-154.404	1026.9	4.2
191	9	77.688	-154.606	1023.6	3.7
192	10	77.710	-154.696	1022.3	4.0
193	11	77.728	-154.764	1021.1	3.6
194	12	77.747	-154.946	1021.7	3.7
195	13	77.738	-155.070	1021.4	3.2
196	14	77.740	-155.332	1025.3	4.2
197	15	77.745	-155.574	1030.4	3.7
198	16	77.715	-155.660	1028.9	4.0
199	17	77.685	-155.713	1027.5	4.2
200	18	77.686	-155.894	1026.4	6.0
201	19	77.688	-155.963	1026.1	5.7
202	20	77.675	-155.965	1024.9	4.7
203	21	77.623	-155.801	1020.8	3.9
204	22	77.565	-155.693	1021.5	3.7
205	23	77.532	-155.558	1019.1	3.9
206	24	77.516	-155.286	1010.6	3.0
207	25	77.495	-155.021	999.9	1.8
208	26	77.421	-154.981	996.4	2.0
209	27	77.397	-155.059	1001.4	2.0
210	28	77.375	-155.191	1011.7	2.2
211	29	77.342	-155.095	1014.7	1.9
212	30	77.301	-155.017	1018.9	1.5
213	31	77.322	-154.765	1017.7	1.5

BUOY(38) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	77.353	-154.473	1014.1	1.8
215	2	77.490	-153.622	1000.9	1.5
216	3	77.493	-153.343	1008.2	1.8
217	4	77.476	-153.315	1013.0	1.8
218	5	77.484	-153.096	1015.5	1.3
219	6	77.595	-152.705	1007.9	1.0
220	7	77.537	-152.835	1022.6	1.2
221	8	77.523	-153.009	1028.4	1.6
222	9	77.513	-153.177	1031.8	1.4
223	10	77.473	-153.185	1032.7	.9
224	11	77.421	-152.623	1017.9	1.3
225	12	77.364	-152.698	1020.6	.9
226	13	77.307	-152.324	1007.4	.4
227	14	77.243	-152.326	1005.4	-.0
228	15	77.206	-152.384	1006.1	-.3
229	16	77.156	-152.372	1004.0	-.6
230	17	77.102	-151.841	994.1	-.1
231	18	77.041	-151.531	991.8	.7
232	19	76.958	-151.038	998.5	.6
233	20	76.953	-150.436	998.8	.7
234	21	76.900	-150.116	1013.7	-.4
235	22	76.991	-149.642	1001.6	-.1
236	23	76.952	-149.237	1017.9	-.2
237	24	76.958	-148.990	1012.1	-.3
238	25	76.947	-148.492	1005.2	-.8
239	26	76.904	-148.504	1008.8	-1.1
240	27	76.945	-148.289	992.0	-1.2
241	28	76.887	-147.677	986.2	-1.7
242	29	76.939	-146.963	975.2	-2.2
243	30	76.903	-146.825	988.7	-1.9
244	31	76.839	-146.545	993.1	-2.0

BUOY(38) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	76.777	-146.067	998.3	-1.7
246	2	76.728	-145.536	1005.0	-1.4
247	3	76.806	-144.753	994.0	-.9
248	4	76.863	-144.396	988.8	-.6
249	5	76.713	-144.241	1009.2	-2.0
250	6			996.4	-1.6
251	7	76.637	-142.921	1005.6	-2.8
252	8	76.580	-142.245	1000.6	-1.8
253	9	76.548	-142.210	1003.7	-2.2
254	10	76.462	-141.830	1010.3	-3.6
255	11	76.350	-141.412	1020.1	-3.3
256	12	76.276	-141.082	1028.1	-2.9
257	13	76.227	-140.987	1036.0	-4.3
258	14	76.272	-141.019	1029.2	-4.8
259	15	76.374	-141.101	1011.4	-3.0
260	16	76.323	-141.086	1008.5	-2.1
261	17	76.203	-141.067	1008.8	-3.0
262	18	76.114	-141.324	1009.2	-2.6
263	19	76.079	-141.704	1019.8	-3.9
264	20	76.009	-141.860	1030.2	-4.9
265	21	75.947	-141.785	1028.2	-5.2
266	22	75.894	-141.797	1027.9	-4.7
267	23	75.823	-141.604	1022.0	-5.3
268	24	75.811	-141.512	1018.5	-6.1
269	25	75.810	-141.547	1021.4	-5.4
270	26	75.801	-141.642	1025.5	-5.8
271	27	75.781	-141.778	1028.7	-5.5
272	28	75.763	-141.898	1024.8	-5.4
273	29	75.748	-142.025	1018.6	-6.0
274	30	75.730	-142.140	1018.7	-6.2

BUOY(38) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	75.684	-142.270	1022.9	-6.1
276	2	75.641	-142.247	1019.4	-4.3
277	3	75.633	-142.298	1018.5	-5.6
278	4	75.651	-142.289	1011.4	-6.8
279	5	75.676	-142.249	1010.4	-4.9
280	6	75.763	-142.491	992.8	-3.5
281	7	75.822	-142.283	999.9	-2.3
282	8	75.765	-142.436	1007.1	-2.8
283	9	75.703	-142.805	999.1	-2.0
284	10	75.575	-142.643	1024.0	-1.7
285	11	75.549	-142.676	1026.4	-1.8
286	12	75.627	-143.208	1011.3	-2.2
287	13	75.686	-143.331	1011.6	-1.7
288	14	75.682	-143.294	1010.4	-1.4
289	15	75.763	-143.414	1007.7	-1.6
290	16			992.3	-1.4
291	17				
292	18				
293	19				
294	20				
295	21				
296	22				
297	23				
298	24				
299	25				
300	26				
301	27				
302	28				
303	29				
304	30				
305	31				

BUOY(39) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24				
116	25	76.552	-132.050		
117	26	76.549	-132.061	1034.1	-17.6
118	27	76.547	-132.073	1029.8	-17.6
119	28	76.539	-132.228	1023.7	-17.6
120	29	76.513	-132.351	1021.5	-15.8
121	30	76.502	-132.373	1016.2	-14.3

BUOY(39) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	76.497	-132.363	1011.5	-13.7
123	2	76.488	-132.337	1017.2	-12.6
124	3	76.481	-132.297	1027.7	-13.9
125	4	76.467	-132.229	1034.0	-13.0
126	5	76.457	-132.213	1037.9	-11.0
127	6	76.456	-132.212	1037.7	-12.1
128	7	76.455	-132.248	1032.3	-11.8
129	8	76.446	-132.248	1029.5	-12.2
130	9	76.434	-132.292	1030.8	-10.8
131	10	76.431	-132.298	1027.9	-11.2
132	11	76.423	-132.314	1023.2	-10.8
133	12	76.425	-132.338	1020.8	-9.7
134	13	76.429	-132.322	1024.3	-10.1
135	14	76.423	-132.274	1025.9	-10.4
136	15	76.417	-132.254	1027.4	-10.6
137	16	76.417	-132.288	1027.3	-9.5
138	17	76.417	-132.289	1029.0	-8.8
139	18	76.416	-132.353	1025.3	-8.2
140	19	76.402	-132.558	1020.7	-7.0
141	20	76.365	-132.786	1020.1	-6.1
142	21	76.316	-132.949	1022.2	-3.3
143	22	76.258	-133.134	1026.3	-4.5
144	23	76.208	-133.264	1031.8	-5.0
145	24	76.145	-133.373	1036.4	-3.9
146	25	76.102	-133.428	1040.7	-3.8
147	26	76.103	-133.462	1039.9	-3.2
148	27	76.101	-133.626	1039.5	-5.0
149	28	76.099	-133.763	1040.3	-4.0
150	29	76.081	-133.666	1031.9	-2.7
151	30	76.037	-133.483	1019.0	-2.6
152	31	75.997	-133.569	1015.4	.6

BUOY(39) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	75.956	-133.773	1022.2	-1.2
154	2	75.858	-133.697	1017.5	-1.3
155	3	75.787	-133.656	1019.7	-.3
156	4	75.744	-133.566	1023.2	.3
157	5	75.712	-133.513	1025.9	1.4
158	6	75.773	-133.297	1002.0	1.7
159	7	75.661	-132.828	1006.8	2.6
160	8	75.588	-132.545	1012.0	3.2
161	9	75.575	-132.434	1015.5	3.7
162	10	75.570	-132.407	1020.9	4.0
163	11	75.575	-132.411	1018.3	4.7
164	12	75.594	-132.454	1008.8	4.9
165	13	75.587	-132.375	1005.5	4.2
166	14	75.512	-132.412	1014.1	3.2
167	15	75.433	-132.328	1023.1	4.2
168	16	75.404	-132.246	1026.0	6.5
169	17	75.399	-132.235	1021.0	8.3
170	18	75.396	-132.245	1020.3	7.3
171	19	75.389	-132.252	1022.7	6.8
172	20	75.405	-132.348	1016.7	5.9
173	21	75.463	-132.419	1007.5	4.9
174	22	75.521	-132.515	1005.4	5.3
175	23			1004.9*	3.9*
176	24				
177	25	75.492	-132.654	1017.5	3.6
178	26	75.451	-132.636	1018.2	5.1
179	27	75.404	-132.692	1023.7	4.4
180	28	75.363	-132.724	1026.9	5.4
181	29	75.334	-132.675	1023.1	5.2
182	30	75.300*	-132.660	1019.9	5.6

BUOY(39) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	75.277	-132.698	1019.4	4.7
184	2	75.253	-132.685	1019.8	4.4
185	3	75.228	-132.669	1020.4	4.5
186	4	75.208	-132.685	1021.3	5.7
187	5	75.186	-132.754	1024.3	5.5
188	6	75.164	-132.841	1020.7	4.3
189	7	75.142	-133.113	1018.7	4.4
190	8	75.120	-133.449	1020.8	3.7
191	9	75.097	-133.682	1020.0	4.0
192	10	75.067	-133.785	1019.4	4.2
193	11	75.035	-133.813	1019.2	5.1
194	12	75.017	-133.925	1017.5	4.4
195	13	74.991	-134.043	1014.9	3.9
196	14	74.976	-134.310	1018.1	3.6
197	15	74.948	-134.520	1023.7	3.9
198	16	74.894	-134.616	1022.6	4.0
199	17	74.838	-134.687	1023.5	3.8
200	18	74.782	-134.775	1023.5	3.5
201	19	74.718	-134.852	1023.9	3.2
202	20	74.674	-134.887	1023.8	2.9
203	21	74.618	-134.835	1020.3	2.6
204	22	74.538	-134.765	1018.0	2.9
205	23	74.462	-134.722	1018.8	3.9
206	24	74.408	-134.705	1015.3	4.5
207	25	74.379	-134.665	1005.4	4.3
208	26	74.359	-134.538	1000.3	2.6
209	27	74.304	-134.384	998.9	3.0
210	28	74.280	-134.388	1003.9	2.0
211	29	74.230	-134.460	1013.1	3.5
212	30	74.199	-134.473	1017.6	4.8
213	31	74.179	-134.497	1018.7	4.2

BUOY(39) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	74.172	-134.583	1016.4	3.5
215	2	74.156	-134.630	1014.2	4.3
216	3	74.150	-134.687	1009.2	4.5
217	4	74.121	-134.738	1008.3	3.0
218	5	74.074	-134.737	1022.9	3.3
219	6	74.072	-134.673	1024.1	3.4
220	7	74.102	-134.543	1016.5	4.2
221	8	74.092	-134.606	1015.0	4.2
222	9	74.070	-134.844	1020.5	3.4
223	10	74.035	-135.134	1030.1	3.0
224	11	73.992	-135.147	1023.7	3.5
225	12	73.940	-135.140	1019.1	2.4
226	13	73.900	-135.198	1013.4	.8
227	14	73.858	-135.111	1006.0	.6
228	15	73.825	-135.109	1006.1	.3
229	16	73.797	-135.110	1007.3	-.2
230	17	73.762	-135.012	1009.5	-1.0
231	18	73.680	-134.552	1005.5	-1.1
232	19	73.625	-134.201	1006.4	.5
233	20	73.572	-133.928	1014.5	1.8
234	21	73.561	-133.636	1017.6	2.1
235	22	73.567	-133.469	1021.8	2.4
236	23	73.582	-133.174	1023.3	2.7
237	24	73.573	-132.995	1019.3	2.1
238	25	73.530	-132.865	1018.2	1.8
239	26	73.530	-132.672	1008.2	1.5
240	27	73.515	-132.489	1005.0	1.6
241	28	73.498	-132.271	995.6	1.0
242	29	73.470	-131.995	999.0	-1.6
243	30	73.467	-131.461	998.7	-1.3
244	31	73.472	-131.141	993.5	-.3

BUOY(39) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	73.424	-130.986	1011.2	-.7
246	2	73.399	-130.904	1016.6	-2.2
247	3	73.397	-130.912	1010.4	-.4
248	4	73.446	-130.690	1002.3	.1
249	5	73.447	-130.611	1013.3	-.8
250	6	73.433	-130.463	1011.5	-3.4
251	7	73.432	-130.310	1010.9	-1.9
252	8	73.410	-130.205	1011.3	-3.4
253	9	73.417	-130.088	1002.3	-.1
254	10	73.387	-130.159	1015.3	-4.7
255	11	73.338	-130.158	1025.3	-6.0
256	12	73.297	-130.120	1030.6	-7.0
257	13	73.272	-130.141	1036.8	-7.1
258	14	73.288	-130.171	1033.5	-6.6
259	15	73.387	-130.164	1017.3	-1.9
260	16	73.430	-130.139	1005.5	.7
261	17	73.334	-130.064	1009.2	-2.4
262	18	73.296	-129.966	1003.9	-3.9
263	19	73.280	-130.116	1012.5	-5.9
264	20	73.244	-130.349	1025.1	-7.9
265	21	73.189	-130.436	1026.7	-9.6
266	22	73.134	-130.505	1026.5	-11.3
267	23	73.045	-130.518	1022.1	-9.8
268	24	73.003	-130.544	1020.9	-13.6
269	25	72.995	-130.589	1020.5	-14.1
270	26	72.987	-130.614	1025.3	-16.6
271	27	72.968	-130.777	1024.9	-13.1
272	28	72.937	-130.972	1020.6	-14.7
273	29	72.908	-131.226	1012.6	-12.4
274	30	72.883	-131.582	1009.7	-8.4

BUOY(39) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	72.821	-131.862	1014.7	-7.6
276	2	72.757	-132.022	1012.9	-9.5
277	3	72.717	-132.192	1016.4	-12.5
278	4	72.700	-132.305	1012.1	-13.3
279	5	72.711	-132.330	1014.3	-8.4
280	6	72.808	-132.435	992.2	-4.3
281	7	72.859	-132.265	1004.4	-3.3
282	8	72.882	-132.500	998.7	-1.7
283	9	72.918	-132.374	1007.1	-2.3
284	10	72.875	-132.042	1026.7	-6.9
285	11	72.903	-132.074	1022.3	-6.1
286	12	73.028	-132.369	1012.6	-1.8
287	13	73.119	-132.487	1012.8	-.6
288	14	73.179	-132.399	1014.7	-1.7
289	15	73.241	-132.426	1010.3	-.4
290	16	73.370	-132.568	993.1	.2
291	17	73.396	-132.456	999.2	-1.9
292	18	73.390	-132.155	1007.4	-3.3
293	19	73.372	-132.236	1011.3	-4.6
294	20	73.364	-132.527	1012.1	-3.3
295	21	73.382	-132.734	1015.9	-2.2
296	22	73.393	-132.837	1028.7	-2.2
297	23	73.406	-132.904	1033.0	-5.8
298	24	73.464	-132.975	1031.0	-6.8
299	25	73.594	-133.203	1012.7	-4.3
300	26	73.665	-133.206	1007.4	-2.8
301	27	73.654	-133.250	1013.0	-4.7
302	28	73.659	-133.298	1010.5	-4.9
303	29	73.681	-133.606	1011.2	-4.8
304	30	73.649	-133.831	1026.4	-12.4
305	31	73.602	-133.924	1031.7	-16.8

BUOY(39) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	73.567	-134.056	1022.5	-16.6
307	2	73.532	-134.400	1011.5	-13.2
308	3	73.491	-134.634	1019.9	-17.8
309	4	73.478	-134.733	1016.3	-19.4
310	5	73.496	-134.910	1016.7	-15.5
311	6	73.510	-134.980	1014.8	-11.9
312	7	73.496	-134.985	1015.6	-13.7
313	8	73.489	-135.196	1013.2	-17.9
314	9	73.492	-135.500	1015.6	-17.6
315	10	73.466	-135.708	1012.2	-17.1
316	11	73.432	-135.857	1021.9	-20.9
317	12	73.432	-136.024	1024.7	-21.0
318	13	73.466	-136.391	1019.2	-16.7
319	14	73.440	-136.897	1022.6	-18.9
320	15	73.394	-137.194	1030.4	-21.9
321	16	73.349	-137.322	1028.9	-25.8
322	17	73.332	-137.620	1022.6	-26.0
323	18	73.304	-137.951	1024.4	-27.2
324	19	73.276	-138.156	1026.4	-26.6
325	20	73.259	-138.408	1027.4	-26.6
326	21			1021.1	-26.9
327	22	73.127	-138.991	1019.6	-26.8
328	23	73.083	-139.163	1021.6	-22.4
329	24	73.062	-139.389	1020.2	-21.7
330	25	73.073	-139.835	1012.0	-19.9
331	26	73.131	-140.493	1017.7	-17.3
332	27	73.163	-141.126	1017.7	-22.5
333	28	73.152	-141.722	1028.0	-25.1
334	29			1040.2	-27.3
335	30			1040.9	-26.7

BUOY(39) DEC. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	73.214	-142.680	1032.7	-21.5
337	2	73.361	-142.679	1027.1	-15.2
338	3	73.425	-142.716	1016.3	-13.9
339	4	73.398	-142.580	1023.8	-17.5
340	5	73.365	-142.453	1026.5	-22.8
341	6	73.322	-142.251	1023.8	-24.7
342	7	73.253*	-142.199	1035.5	-27.5
343	8			1030.2*	-27.0*
344	9			1023.6	-23.9
345	10				
346	11				
347	12				
348	13				
349	14				
350	15	73.087	-142.808	1011.5	-22.4
351	16			1022.4	-23.8
352	17			1044.9	-24.8
353	18			1058.9	-25.2
354	19				
355	20				
356	21				
357	22				
358	23	72.875*	-142.886	1026.2	-20.3
359	24			1034.3	-22.8
360	25			1026.5	-22.9
361	26				
362	27				
363	28				
364	29				
365	30	72.774*	-142.407	1024.5	-31.8
366	31			1039.3*	-33.6*

BUOY(40) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24	73.422*	-134.056		
116	25	73.424	-134.067		
117	26	73.420	-134.164	1026.2	-14.7
118	27	73.410	-134.422	1019.8	-12.8
119	28	73.392	-134.759	1014.3	-11.0
120	29	73.387	-134.808	1015.2	-10.3
121	30	73.379	-134.802	1011.5	-9.3

BUOY(40) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	73.377	-134.794	1010.6	-11.5
123	2	73.374	-134.773	1018.1	-12.8
124	3	73.373	-134.778	1024.4	-12.3
125	4	73.360	-134.746	1035.3	-13.0
126	5	73.347	-134.705	1039.0	-13.2
127	6	73.349	-134.703	1037.2	-11.4
128	7	73.349	-134.709	1030.6	-12.3
129	8	73.345	-134.705	1027.8	-13.5
130	9	73.342	-134.703	1029.0	-13.3
131	10	73.342	-134.704	1023.8	-11.5
132	11	73.341	-134.725	1017.7	-9.5
133	12	73.342	-134.725	1015.6	-6.9
134	13	73.338	-134.715	1025.2	-8.1
135	14	73.338	-134.709	1024.9	-7.8
136	15	73.340	-134.695	1026.9	-9.4
137	16	73.336	-134.711	1027.8	-8.6
138	17	73.334	-134.706	1025.8	-6.6
139	18	73.341	-134.769	1020.4	-8.4
140	19	73.333	-135.022	1015.3	-8.5
141	20	73.310	-135.283	1015.5	-5.8
142	21	73.276	-135.538	1020.7	-6.3
143	22	73.244	-135.729	1024.6	-4.4
144	23	73.213	-135.902	1030.0	-2.9
145	24	73.189	-136.124	1034.6	-3.4
146	25	73.168	-136.302	1037.0	-3.1
147	26	73.214	-136.577	1033.9	-3.7
148	27	73.247	-136.882	1033.0	-3.7
149	28	73.287	-137.237	1036.8	-4.0
150	29			1031.9	-3.7
151	30	73.345	-137.555	1018.1	-2.8
152	31	73.329	-137.787	1013.5	-1.1

BUOY(40) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	73.318	-138.036	1021.6	.7
154	2	73.259	-138.159	1023.2	-1.2
155	3	73.204	-138.169	1020.6	-.9
156	4	73.166	-138.167	1026.0	-.0
157	5	73.161	-138.196	1024.8	1.1
158	6	73.215	-138.141	1009.2	2.2
159	7	73.140	-137.891	1014.9	3.0
160	8	73.087	-137.780	1017.2	3.3
161	9	73.054	-137.577	1019.9	3.5
162	10	73.042	-137.521	1022.1	5.5
163	11	73.057	-137.590	1012.9	6.9
164	12	73.108	-137.656	1006.3	5.2
165	13	73.067	-137.713	1008.6	3.9
166	14	72.991	-137.745	1017.7	3.3
167	15	72.946	-137.701	1027.2	4.2
168	16	72.931	-137.700	1025.9	5.9
169	17	72.947	-137.813	1017.9	6.1
170	18	72.931	-137.822	1016.9	7.2
171	19	72.946	-137.913	1015.9	5.4
172	20	72.993	-138.115	1008.9	4.0
173	21	73.078	-138.292	997.8	4.0
174	22	73.112	-138.373	1000.8	3.9
175	23	73.105*	-138.524	1001.1*	2.2*
176	24				
177	25	73.041	-138.495	1019.9	4.3
178	26	73.045	-138.560	1019.3	5.9
179	27	73.060	-138.632	1021.2	5.2
180	28	73.083	-138.743	1026.1	3.9
181	29	73.093	-138.805	1024.4	4.5
182	30	73.098*	-138.901	1019.3	5.5

BUOY(40) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	73.096	-138.999	1018.8	5.4
184	2	73.110	-139.113	1018.6	4.1
185	3	73.151	-139.258	1018.2	3.0
186	4	73.195	-139.478	1019.0	2.2
187	5	73.220	-139.679	1021.9	3.0
188	6	73.248	-139.902	1019.0	2.5
189	7	73.252	-140.196	1017.5	1.8
190	8	73.241	-140.519	1018.3	1.7
191	9	73.243	-140.810	1018.4	2.0
192	10	73.249	-140.997	1018.9	2.8
193	11	73.262	-141.193	1018.2	2.0
194	12	73.286	-141.394	1014.8	2.3
195	13	73.321	-141.744	1013.3	1.7
196	14	73.334	-142.069	1016.3	1.6
197	15	73.356	-142.356	1023.7	1.5
198	16	73.361	-142.547	1026.1	1.8
199	17	73.331	-142.710	1026.7	1.9
200	18	73.321	-142.838	1023.9	2.1
201	19	73.337	-142.982	1024.6	2.0
202	20	73.341	-143.096	1024.5	1.6
203	21	73.334	-143.204	1023.0	1.6
204	22	73.299	-143.285	1021.6	1.7
205	23	73.276	-143.393	1021.8	1.7
206	24	73.263	-143.475	1015.3	1.9
207	25	73.255	-143.439	1001.4	1.5
208	26	73.216	-143.454	1003.6	.9
209	27	73.177	-143.332	998.0	.5
210	28	73.157	-143.486	1007.5	.7
211	29	73.154	-143.620	1013.7	.7
212	30	73.163	-143.764	1016.9	1.1
213	31	73.188	-143.943	1018.1	.7

BUOY(40) AUG.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	73.197	-144.163	1016.8	.6
215	2	73.200	-144.299	1012.7	.3
216	3	73.220	-144.380	1006.0	1.0
217	4	73.238	-144.510	1010.8	1.0
218	5	73.223	-144.643	1022.1	.4
219	6	73.280	-144.601	1017.4	.9
220	7	73.316	-144.639	1013.2	1.4
221	8	73.306	-144.895	1015.4	.8
222	9	73.312	-145.318	1020.7	.5
223	10	73.352	-145.690	1030.4	.4
224	11	73.374	-145.832	1023.9	1.4
225	12	73.365	-145.929	1019.8	1.2
226	13	73.355	-146.085	1012.5	.5
227	14	73.317	-146.195	1006.0	-.1
228	15			1006.1	-.4
229	16	73.261	-146.430	1007.4	-1.1
230	17	73.212	-146.431	1009.2	-1.3
231	18	73.145	-146.224	1004.3	-1.0
232	19	73.089	-146.027	1007.4	-.2
233	20	73.063	-145.824	1011.9	.0
234	21	73.060	-145.691	1016.9	.8
235	22	73.094	-145.573	1015.5	1.1
236	23	73.106	-145.528	1022.9	.8
237	24	73.144	-145.384	1015.0	1.0
238	25	73.115	-145.339	1015.6	.3
239	26	73.124	-145.147	1008.2	.3
240	27	73.154	-145.244	1002.2	.0
241	28	73.116	-145.070	998.6	-1.2
242	29	73.064	-144.832	992.7	-1.3
243	30	72.970	-144.505	1002.7	-1.6
244	31	72.977	-144.407	993.4	-.9

BUOY(40) SEPT	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	72.923	-144.419	1011.2	-2.2
246	2	72.890	-144.318	1015.7	-1.7
247	3	72.879	-144.135	1006.2	-1.5
248	4	72.902	-143.821	997.5	-.6
249	5	72.835	-143.866	1017.3	-2.1
250	6	72.812	-143.601	1007.3	-1.3
251	7	72.757	-143.583	1015.7	-1.8
252	8	72.721	-143.395	1008.1	-1.5
253	9	72.665	-143.251	1004.3	-1.1
254	10	72.643	-143.384	1017.7	-3.1
255	11	72.629	-143.490	1026.3	-3.2
256	12	72.627	-143.554	1031.4	-3.3
257	13	72.634	-143.698	1033.8	-4.5
258	14	72.731	-143.977	1022.3	-4.0
259	15			1011.8	-1.4
260	16	72.708	-144.144	1015.4	-2.0
261	17	72.630	-144.084	1013.7	-2.5
262	18	72.599	-144.182	1008.8	-3.6
263	19	72.562	-144.324	1016.0	-3.9
264	20	72.554	-144.549	1030.6	-7.2
265	21	72.530	-144.667	1029.8	-8.6
266	22	72.518	-144.849	1028.3	-9.5
267	23	72.510	-144.978	1024.8	-10.6
268	24	72.506	-145.039	1018.3	-9.8
269	25	72.502	-145.051	1020.6	-7.0
270	26	72.491	-145.141	1021.5	-7.8
271	27	72.495	-145.485	1023.4	-8.3
272	28	72.521	-145.853	1020.7	-10.4
273	29	72.511	-146.170	1014.1	-10.8
274	30	72.480	-146.458	1015.0	-10.9

BUOY(40) OCT.	80	LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	72.448	-146.653	1023.0	-10.4
276	2	72.423	-146.795	1017.9	-11.2
277	3	72.426	-146.982	1014.9	-10.2
278	4	72.461	-147.093	1007.8	-9.1
279	5	72.471	-147.124	1006.4	-6.3
280	6	72.547	-147.329	983.6	-4.5
281	7	72.501	-147.154	1004.2	-7.2
282	8	72.457	-147.407	1000.1	-8.1
283	9	72.373	-147.368	1008.9	-6.5
284	10	72.302	-147.274	1027.7	-5.2
285	11	72.302	-147.525	1012.4	-4.3
286	12	72.350	-147.722	1004.9	-2.8
287	13	72.344	-147.682	1010.8	-3.8
288	14	72.377	-147.661	1007.6	-3.7
289	15	72.417	-147.740	1000.5	-3.3
290	16	72.481	-147.863	984.4	-2.4
291	17	72.508	-147.438	992.1	-2.4
292	18	72.464*	-147.162	1006.2	-2.4
293	19	72.473	-147.220	1013.1	-2.5
294	20	72.485	-147.417	1015.3	-2.6
295	21	72.481	-147.674	1014.6	-2.7
296	22	72.520	-147.758	1023.2	-2.7
297	23	72.618	-148.017	1022.1	-2.9
298	24	72.758	-148.385	1015.2	-2.5
299	25	72.906	-148.819	999.2	-2.2
300	26	72.879*	-148.822	1010.9	-2.1
301	27				
302	28				
303	29				
304	30				
305	31				

BUOY(41) APR. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
92	1				
93	2				
94	3				
95	4				
96	5				
97	6				
98	7				
99	8				
100	9				
101	10				
102	11				
103	12				
104	13				
105	14				
106	15				
107	16				
108	17				
109	18				
110	19				
111	20				
112	21				
113	22				
114	23				
115	24				
116	25	74.611	-147.590		
117	26	74.598	-147.724	1031.1	-17.0
118	27	74.597	-147.862	1024.8	-16.1
119	28	74.584	-147.938	1021.8	-15.6
120	29	74.583	-147.939	1021.9	-15.7
121	30	74.576	-147.928	1017.7	-16.1

BUOY(41) MAY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
122	1	74.576	-147.918	1012.1	-15.1
123	2	74.578	-147.921	1017.7	-13.7
124	3	74.576	-147.920	1028.9	-14.0
125	4	74.564	-147.913	1039.1	-14.7
126	5	74.553	-147.869	1041.9	-14.2
127	6	74.555	-147.860	1039.6	-12.1
128	7	74.552	-147.884	1035.1	-13.1
129	8	74.543	-147.884	1032.9	-13.9
130	9	74.548	-147.876	1032.9	-12.5
131	10	74.544	-147.890	1026.2	-12.0
132	11	74.546	-147.926	1021.2	-12.2
133	12	74.543	-147.919	1022.0	-11.6
134	13	74.546	-147.921	1026.3	-9.5
135	14	74.548	-147.930	1027.9	-9.3
136	15	74.543	-147.930	1029.4	-10.4
137	16	74.543	-147.932	1029.6	-9.7
138	17	74.559	-148.067	1025.7	-8.1
139	18	74.588	-148.356	1022.1	-8.7
140	19	74.607	-148.770	1020.9	-9.3
141	20	74.595	-149.152	1021.4	-8.1
142	21	74.577	-149.438	1024.5	-6.9
143	22	74.567	-149.680	1027.6	-3.6
144	23	74.560	-149.910	1031.9	-6.0
145	24	74.554	-150.115	1035.2	-5.1
146	25	74.566	-150.433	1036.0	-4.0
147	26	74.625	-150.904	1031.5	-4.0
148	27	74.688	-151.316	1033.2	-4.2
149	28	74.762	-151.659	1034.2	-4.3
150	29	74.848	-151.849	1028.4	-4.4
151	30	74.891	-151.991	1020.1	-3.3
152	31	74.875	-152.364	1019.7	-1.5

BUOY(41) JUNE 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
153	1	74.847	-152.745	1027.1	-.8
154	2	74.814	-152.911	1024.0	-1.3
155	3	74.782	-152.936	1022.8	-.9
156	4	74.773	-152.938	1026.4	-.4
157	5	74.828	-152.999	1015.3	.2
158	6	74.844	-152.843	1004.2	2.0
159	7	74.797	-152.523	1011.2	1.9
160	8	74.798	-152.240	1011.4	2.3
161	9	74.795	-151.999	1017.5	2.1
162	10	74.785	-151.919	1019.4	2.4
163	11	74.814	-151.934	1012.6	2.8
164	12	74.840	-152.202	1005.7	3.2
165	13	74.817	-152.065	1010.5	3.0
166	14	74.767	-152.050	1021.2	3.0
167	15	74.745	-151.952	1026.9	3.2
168	16	74.752	-151.913	1024.7	3.8
169	17	74.762	-152.012	1019.2	4.4
170	18	74.752	-152.058	1020.7	6.1
171	19	74.763	-152.188	1015.6	4.0
172	20	74.814	-152.378	1006.1	2.9
173	21	74.883	-152.757	991.8	1.9
174	22	74.924	-152.819	1000.0	2.0
175	23	74.923*	-152.820	1007.1*	1.9*
176	24				
177	25	74.866	-152.801	1020.1	3.8
178	26	74.869	-152.815	1020.0	5.4
179	27	74.904	-152.958	1020.7	3.4
180	28	74.935	-153.048	1024.1	4.7
181	29	74.936	-153.069	1022.4	6.1
182	30	74.953*	-153.068	1018.1	3.5

BUOY(41) JULY 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
183	1	74.967	-153.037	1016.3	3.1
184	2	74.986	-153.052	1016.5	4.5
185	3	75.054	-153.176	1014.8	3.8
186	4	75.133	-153.318	1018.8	3.0
187	5	75.184	-153.523	1022.6	4.0
188	6	75.230	-153.787	1022.4	3.3
189	7	75.269	-154.058	1023.3	2.7
190	8	75.297	-154.406	1024.3	2.2
191	9	75.325	-154.662	1021.6	2.9
192	10	75.350	-154.881	1020.0	3.3
193	11	75.399	-155.042	1019.3	2.2
194	12	75.442	-155.233	1018.6	2.7
195	13	75.470	-155.533	1019.2	2.4
196	14	75.479	-155.872	1022.6	2.4
197	15	75.499	-156.151	1028.1	2.4
198	16	75.518	-156.355	1029.9	4.8
199	17	75.517	-156.508	1028.6	4.7
200	18	75.524	-156.670	1025.6	3.3
201	19	75.558	-156.878	1026.1	1.9
202	20	75.570	-157.039	1026.1	3.6
203	21	75.565	-157.114	1024.0	4.5
204	22	75.557	-157.155	1023.7	4.3
205	23	75.571	-157.232	1021.3	4.0
206	24	75.572	-157.289	1014.4	2.6
207	25	75.559	-157.252	1002.2	1.8
208	26	75.462	-157.148	1000.7	1.5
209	27	75.385	-157.116	1000.8	1.3
210	28	75.370	-157.315	1011.7	2.3
211	29	75.384	-157.389	1016.2	4.5
212	30	75.386	-157.485	1019.5	4.1
213	31	75.416	-157.520	1019.4	1.0

BUOY(41) AUG. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
214	1	75.450	-157.488	1015.7	1.1
215	2	75.547	-157.092	1003.9	1.5
216	3	75.532	-157.063	1008.5	1.0
217	4	75.499	-157.212	1015.3	1.0
218	5	75.524	-157.133	1014.7	.6
219	6	75.620	-156.877	1009.2	1.1
220	7	75.574	-157.119	1021.7	1.0
221	8	75.556	-157.538	1026.7	1.1
222	9	75.548	-157.965	1031.0	.3
223	10	75.547	-158.274	1035.1	.7
224	11	75.547	-158.201	1023.7	1.3
225	12	75.528	-158.292	1022.5	.5
226	13	75.503	-158.206	1011.5	-.7
227	14	75.478	-158.340	1008.6	-.3
228	15	75.455	-158.404	1007.9	-1.2
229	16	75.414	-158.553	1008.3	-2.1
230	17	75.314	-158.181	1002.8	-1.7
231	18	75.236	-157.719	997.9	-.2
232	19	75.166	-157.341	1001.6	.0
233	20	75.177	-156.802	1001.8	.7
234	21	75.126	-156.736	1013.9	-.3
235	22	75.182	-156.469	1006.7	.3
236	23	75.149	-156.326	1018.8	-.3
237	24	75.143	-156.318	1016.2	-.8
238	25	75.159	-156.016	1003.7	-1.1
239	26	75.117	-156.105	1008.6	-.4
240	27	75.164	-155.961	993.2	-.7
241	28	75.024	-155.685	995.2	-2.7
242	29	74.915	-155.009	981.4	-4.0
243	30	74.757	-154.858	1000.6	-4.1
244	31	74.710	-154.962	998.4	-4.5

BUOY(41) SEPT 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
245	1	74.598	-154.672	1006.8	-3.9
246	2	74.544	-154.372	1010.3	-2.7
247	3	74.582	-153.821	994.6	-1.0
248	4	74.486	-153.653	1000.4	-.8
249	5	74.384	-153.609	1015.6	-3.6
250	6	74.367	-153.020	1003.1	-1.6
251	7	74.278	-152.998	1015.0	-3.5
252	8	74.253	-152.570	1004.4	-1.6
253	9	74.199	-152.305	1005.1	-1.3
254	10	74.172	-152.439	1018.6	-6.4
255	11	74.135	-152.393	1025.7	-5.1
256	12	74.128	-152.462	1032.5	-6.9
257	13	74.152	-152.577	1032.8	-7.6
258	14	74.248	-152.808	1020.8	-5.4
259	15	74.253	-152.901	1013.3	-2.3
260	16	74.154	-152.935	1018.2	-2.6
261	17	74.080	-152.820	1014.7	-3.9
262	18	74.051	-152.964	1012.0	-5.0
263	19	74.008	-153.142	1020.6	-5.2
264	20	74.004	-153.379	1032.7	-11.0
265	21	74.004	-153.437	1031.0	-12.1
266	22	74.010	-153.593	1029.8	-10.9
267	23	74.008	-153.624	1024.9	-10.6
268	24	74.018	-153.590	1016.4	-9.4
269	25	74.018	-153.704	1022.8	-9.7
270	26	74.007	-153.879	1025.1	-10.7
271	27	73.980	-154.161	1028.2	-11.1
272	28	73.973	-154.463	1026.3	-13.2
273	29	73.943	-154.563	1020.2	-15.2
274	30	73.898	-154.657	1020.8	-14.1

BUOY(41) OCT. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
275	1	73.886	-154.723	1025.4	-15.3
276	2	73.880	-154.773	1019.5	-13.2
277	3	73.919	-154.813	1015.3	-8.4
278	4	73.976	-154.953	1008.9	-10.8
279	5	73.997	-154.992	1008.0	-10.5
280	6	74.008	-155.255	985.6	-7.4
281	7	73.925	-155.109	1004.1	-10.8
282	8	73.899	-155.250	1010.3	-14.1
283	9	73.766	-155.335	1013.0	-10.9
284	10	73.725	-155.240	1027.9	-13.0
285	11	73.737	-155.341	1019.1	-12.5
286	12	73.790	-155.815	1002.3	-8.2
287	13	73.845	-155.821	1009.6	-10.3
288	14	73.937	-156.023	1003.2	-9.7
289	15	74.003	-156.186	1001.3	-9.3
290	16	73.979	-156.490	983.3	-6.7
291	17	73.928	-156.659	990.8	-4.5
292	18	73.843	-156.463	1006.9	-8.0
293	19	73.799	-156.502	1016.1	-11.9
294	20	73.774	-156.722	1017.7	-9.0
295	21	73.814	-157.101	1015.6	-10.5
296	22	73.907	-157.299	1021.0	-8.4
297	23	73.975	-157.621	1018.9	-8.4
298	24	74.123	-157.900	1017.6	-5.8
299	25	74.178	-158.355	1003.4	-4.7
300	26	74.139	-158.594	1015.8	-5.9
301	27	74.104	-159.054	1016.8	-9.6
302	28	74.121	-159.552	1011.1	-8.5
303	29	74.141	-159.894	1015.6	-8.3
304	30	74.133	-160.077	1026.9	-8.9
305	31	74.144	-160.230	1026.4	-7.3

BUOY(41) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1	74.194	-160.567	1016.5	-9.1
307	2	74.236	-161.027	1016.6	-11.7
308	3	74.301	-161.450	1019.4	-13.6
309	4	74.357	-161.921	1012.8	-16.5
310	5	74.423	-162.314	1014.0	-14.0
311	6	74.443	-162.584	1016.0	-13.4
312	7	74.453	-162.817	1016.5	-13.2
313	8	74.456	-163.145	1011.6	-13.9
314	9	74.498	-163.509	1011.2	-14.4
315	10	74.530	-163.741	1013.3	-15.7
316	11	74.530	-164.083	1017.8	-16.8
317	12	74.556	-164.620	1021.2	-16.3
318	13	74.543	-165.063	1028.1	-18.4
319	14	74.534	-165.321	1034.4	-20.8
320	15	74.548	-165.503	1037.5	-22.7
321	16	74.557	-165.676	1032.9	-23.5
322	17	74.529	-166.026	1029.1	-24.7
323	18	74.520	-166.307	1029.1	-24.9
324	19	74.510	-166.629	1026.1	-21.8
325	20	74.553	-166.994	1023.3	-21.2
326	21	74.623	-167.209	1026.2	-21.1
327	22	74.629	-167.423	1028.5	-22.8
328	23	74.618	-167.566	1027.1	-24.5
329	24	74.601	-167.893	1025.5	-25.2
330	25	74.603	-168.334	1019.7	-23.7
331	26	74.603	-168.843	1015.5	-22.1
332	27	74.658	-169.417	1017.6	-17.6
333	28	74.699	-169.881	1028.8	-20.8
334	29	74.715	-170.374	1029.4	-22.0
335	30	74.763	-170.538	1027.2	-19.0

BUOY(41) DEC. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	74.830	-170.800	999.2	-13.2
337	2	74.999	-170.347	1007.2	-11.9
338	3	75.044	-170.025	1008.4	-19.5
339	4	75.006	-169.723	1017.6	20.2
340	5	74.980	-169.445	1025.2	21.2
341	6	74.891	-169.151	1034.5	22.4
342	7	74.924	-169.030	1027.3	19.5
343	8	74.915	-168.992	1031.0	18.9
344	9	74.900	-169.064	1038.5	20.0
345	10			1045.7	24.5
346	11				
347	12	74.750*	-169.247	1031.6	21.6
348	13	74.700*	-169.387	1035.7	21.6
349	14			1029.6	23.8
350	15	74.609	-169.885	1028.3	21.6
351	16	74.572	-170.038	1036.4	20.7
352	17	74.572	-170.065	1049.2	21.6
353	18	74.620	-170.039	1054.1	22.0
354	19	74.743	-170.008	1043.1	18.8
355	20	74.798	-169.871	1036.8	-16.5
356	21	74.864	-169.799	1029.5	-18.1
357	22	74.880	-169.761	1016.7	-20.7
358	23	74.844	-169.544	1035.1	-18.5
359	24	74.840	-169.445	1037.1	-19.4
360	25	74.837	-169.373	1030.5	-17.0
361	26	74.838	-169.393	1023.4	-19.9
362	27	74.824	-169.135	1006.6	-20.1
363	28	74.782	-168.907	1000.1	-16.1
364	29	74.765	-169.063	1018.1	-17.0
365	30			1031.2	-23.0
366	31				

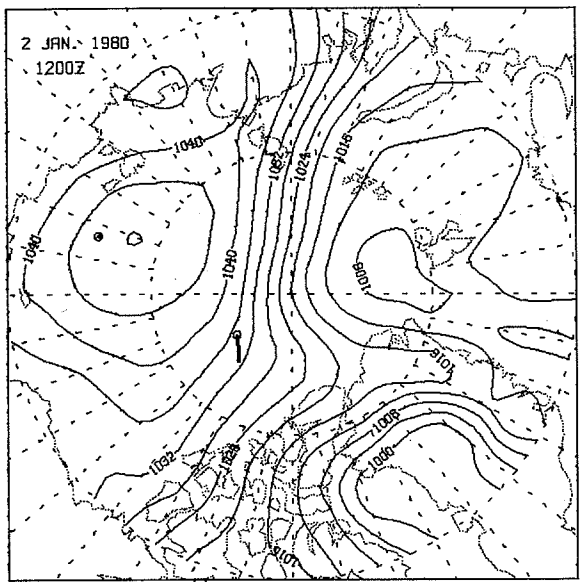
BUOY(42) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1				
307	2				
308	3				
309	4				
310	5				
311	6				
312	7				
313	8				
314	9				
315	10				
316	11				
317	12				
318	13				
319	14				
320	15				
321	16				
322	17				
323	18				
324	19				
325	20				
326	21				
327	22				
328	23				
329	24	88.040	-149.905	1033.9	-26.3
330	25	88.060	-148.583	1031.4	-34.7
331	26	88.070	-147.328	1034.1	-31.1
332	27	88.074	-146.765	1040.3	-38.4
333	28	88.061	-146.628	1034.6	-39.4
334	29	88.041	-144.970	1026.3	-32.9
335	30	88.047	-144.469	1031.7	-32.8

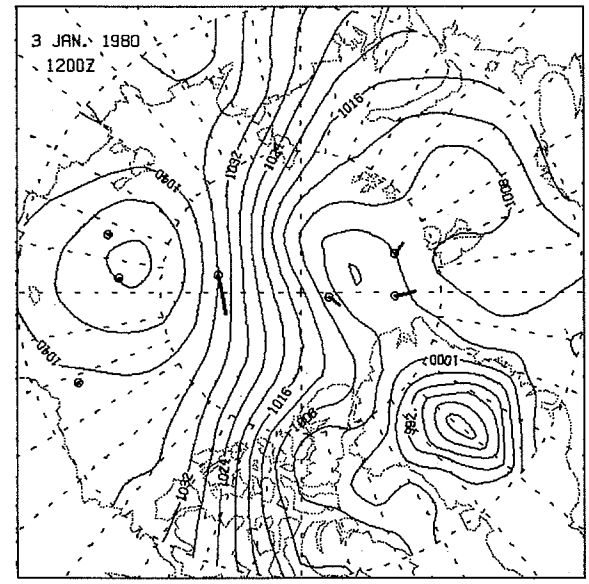
BUOY(42) DEC. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	88.060	-144.507	1041.1	-35.1
337	2	88.122	-145.284	1034.4	-33.7
338	3	88.275	-148.927	1012.4	-26.5
339	4	88.369	-152.079	997.4	-22.5
340	5	88.433	-153.211	1012.1	-30.4
341	6	88.444	-153.904	1024.9	-36.2
342	7	88.438	-153.851	1028.4	-38.9
343	8	88.437	-153.666	1030.2	-39.0
344	9	88.412	-153.519	1035.4	-39.9
345	10	88.357	-150.381	1023.4	-28.6
346	11	88.264	-148.978	1027.6	-23.9
347	12	88.244	-147.714	1030.6	-26.9
348	13	88.228	-145.768	1027.0	-28.6
349	14	88.218	-143.368	1021.7	-28.2
350	15	88.233	-141.707	1015.0	-24.8
351	16	88.203	-140.018	1020.6	-24.4
352	17	88.203	-139.411	1029.5	-28.3
353	18	88.224	-138.948	1031.3	-28.1
354	19	88.248	-137.717	1026.0	-30.1
355	20	88.257	-137.954	1020.1	-31.4
356	21	88.259	-137.824	1022.0	-33.4
357	22	88.262	-137.715	1010.4	-32.5
358	23	88.244	-138.248	1007.6	-35.5
359	24	88.232	-137.543	1008.5	-37.7
360	25	88.233	-137.193	1004.0	-37.8
361	26	88.234	-137.326	1003.8	-42.3
362	27	88.232	-137.643	1000.9	-42.7
363	28	88.220	-137.496	1006.6	-42.4
364	29	88.220	-137.479	1013.7	-40.6
365	30	88.217	-137.428	1026.5	-41.5
366	31	88.209*	-136.871	1033.3*	-30.8*

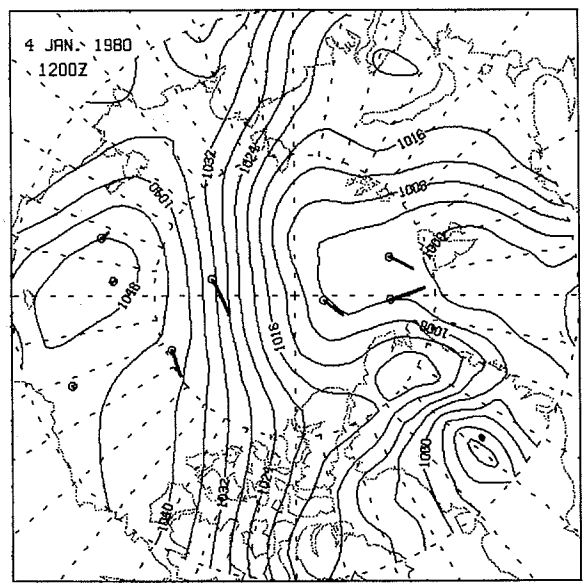
BUOY(43) NOV. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
306	1				
307	2				
308	3				
309	4				
310	5				
311	6				
312	7				
313	8				
314	9				
315	10				
316	11				
317	12				
318	13				
319	14				
320	15				
321	16				
322	17				
323	18				
324	19				
325	20				
326	21				
327	22				
328	23				
329	24	81.976*	-150.490	1037.8	-27.2
330	25	81.975	-150.593	1037.8	-36.7
331	26	81.996	-150.640	1041.2	-36.4
332	27	82.004	-150.662	1040.3	-36.3
333	28	82.012	-150.743	1040.6	-36.5
334	29	81.995	-150.428	1037.4	-32.6
335	30	81.966	-150.104	1038.9	-32.8

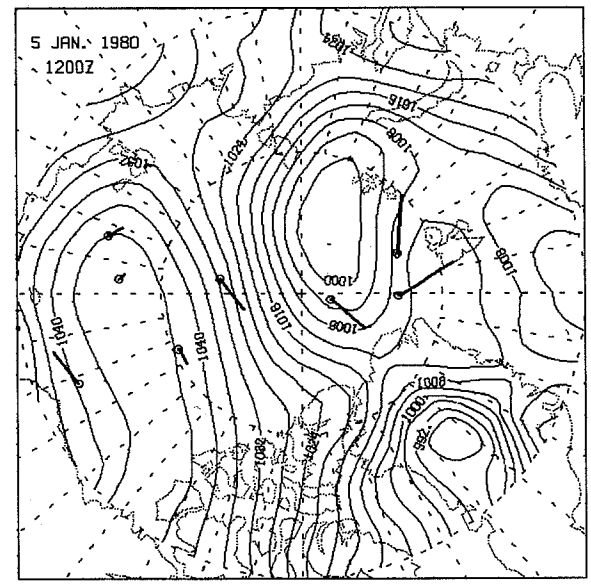
BUOY(43) DEC. 80		LAT (N)	LON (+E,-W)	P (MB)	T (C)
336	1	82.024	-150.147	1037.1	-34.4
337	2	82.296	-150.989	1006.0	-22.6
338	3	82.476	-150.299	1004.5	-20.5
339	4	82.556	-149.915	998.7	-24.4
340	5	82.624	-149.547	1005.7	-30.2
341	6	82.617	-149.618	1020.0	-34.8
342	7	82.608	-149.566	1027.9	-38.0
343	8	82.624	-149.611	1027.3	-36.2
344	9	82.605	-149.625	1034.5	-37.8
345	10	82.558	-149.594	1039.4	-38.3
346	11	82.448	-149.278	1026.1	-27.7
347	12	82.383	-149.504	1033.0	-27.0
348	13	82.358	-149.352	1036.2	-29.2
349	14	82.339	-149.211	1031.7	-30.3
350	15	82.315	-149.059	1031.3	-31.0
351	16	82.265	-148.786	1028.2	-27.6
352	17	82.205	-148.445	1040.9	-27.2
353	18	82.191	-147.901	1047.5	-28.1
354	19	82.205	-146.997	1034.8	-25.0
355	20	82.199	-146.461	1025.2	-22.4
356	21	82.202	-146.270	1025.0	-24.3
357	22	82.216	-146.235	1007.5	-23.1
358	23	82.158	-146.171	1010.2	-23.0
359	24	82.106	-145.846	1021.0	-29.0
360	25	82.114	-145.676	1014.0	-31.3
361	26	82.117	-145.440	999.6	-28.9
362	27	82.105	-145.442	991.4	-33.1
363	28	82.075	-145.518	1006.3	-36.8
364	29	82.071	-145.557	1014.5	-36.6
365	30	82.073	-145.500	1025.3	-38.5
366	31			1038.8*	-34.1*

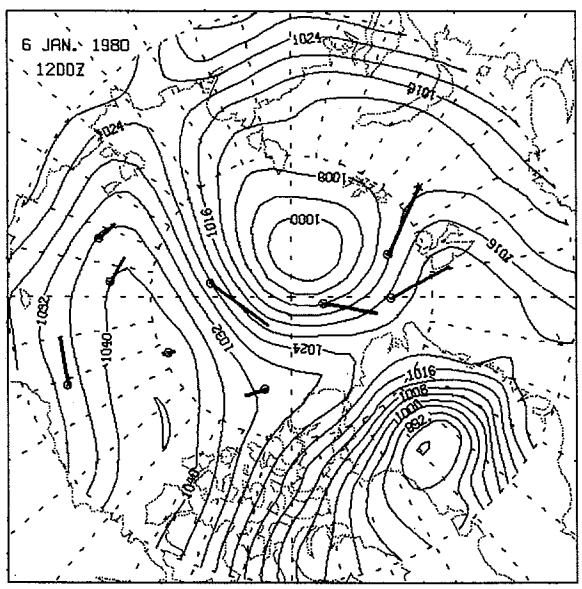
Graphical Data. The plots show contours of surface pressure at 1200 GMT. The daily displacement of each buoy is indicated by a vector originating at the symbol o which marks the position of each buoy at the beginning of each day. A vector of length 1 cm corresponds to a displacement of 20 km. Vectors 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. The data for 1 January 1980 and 31 December 1980 were of poor quality so these plots have been omitted.

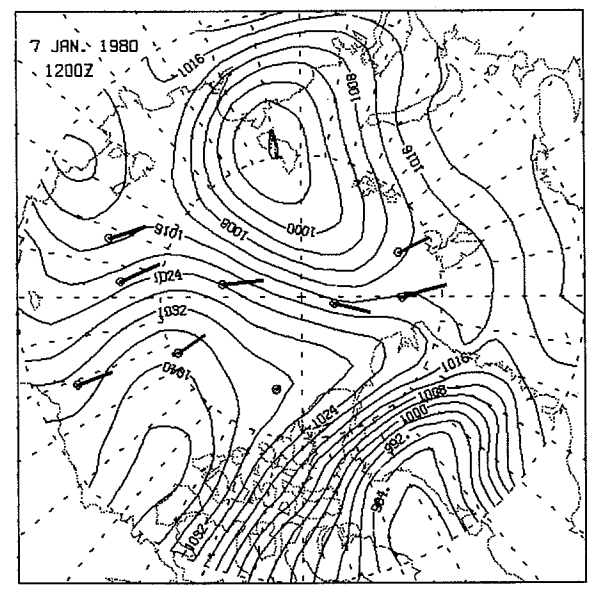

2 JAN. 1980
1200Z


3 JAN. 1980
1200Z


4 JAN. 1980
1200Z


5 JAN. 1980
1200Z


6 JAN. 1980
1200Z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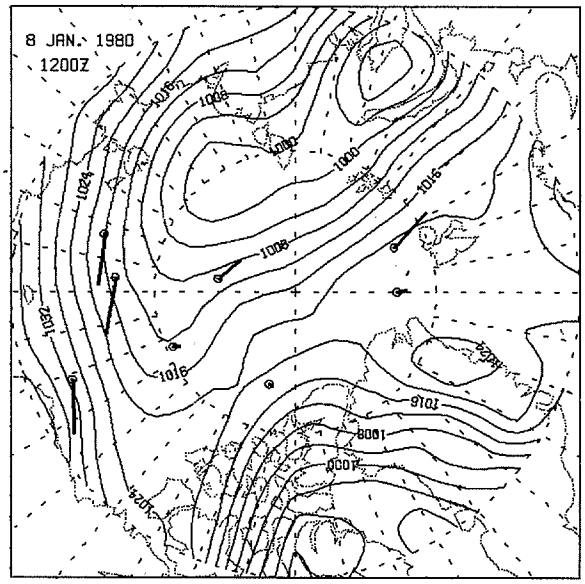
8 JAN. 1980
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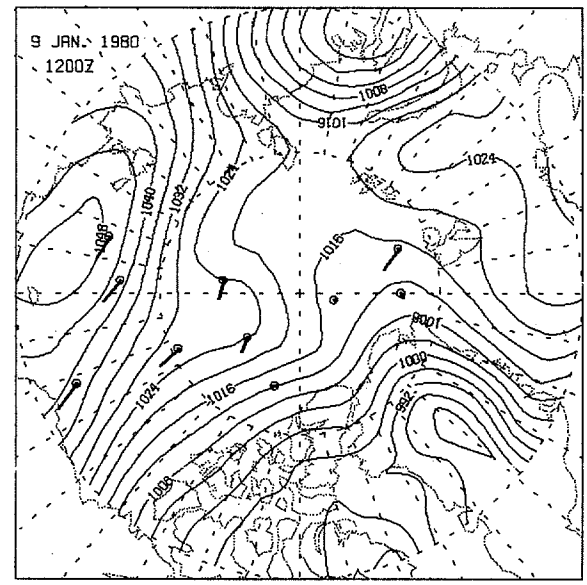
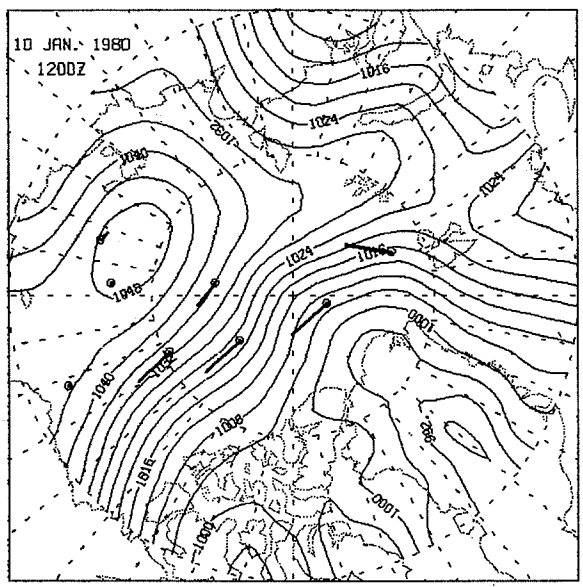
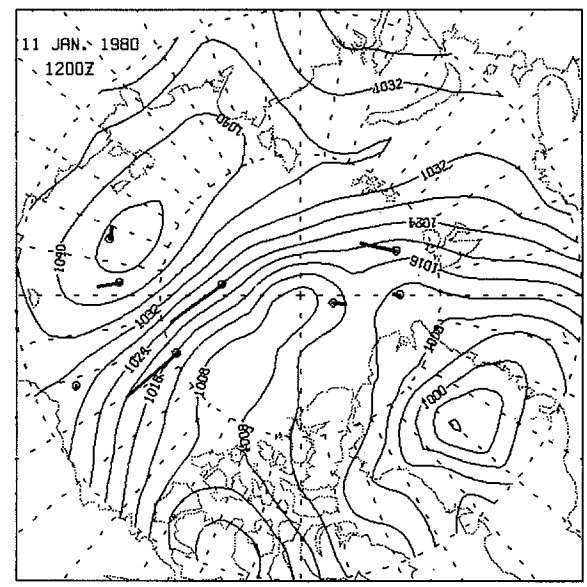

9 JAN. 1980
1200Z


10 JAN. 1980
1200Z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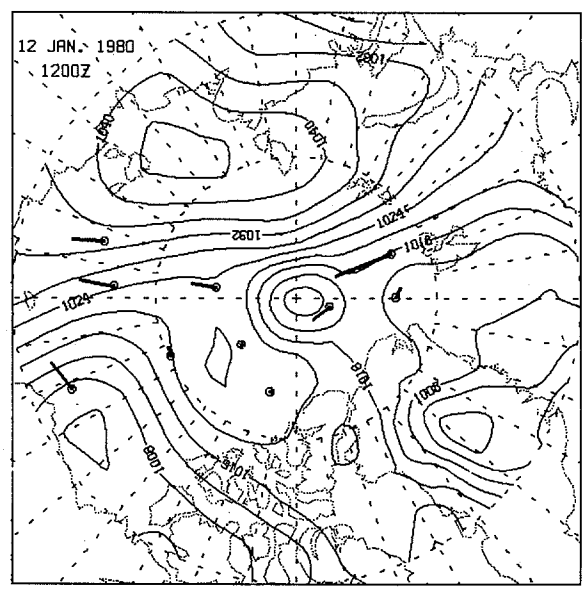
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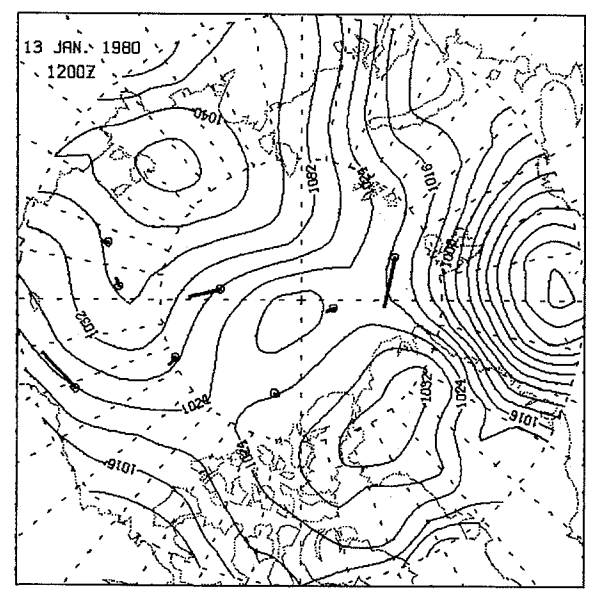
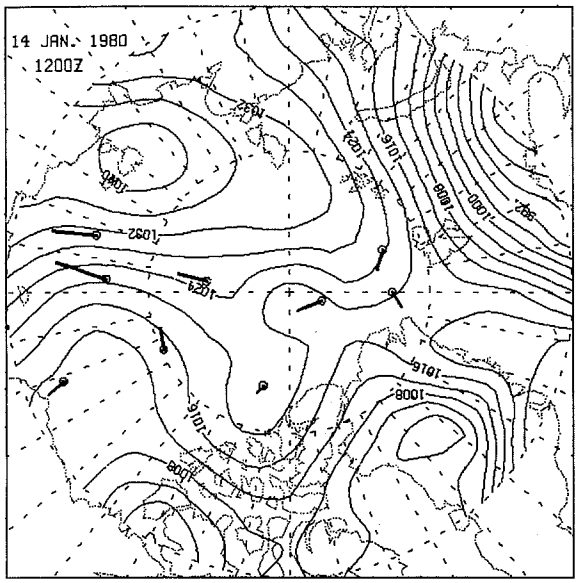

13 JAN. 1980
1200Z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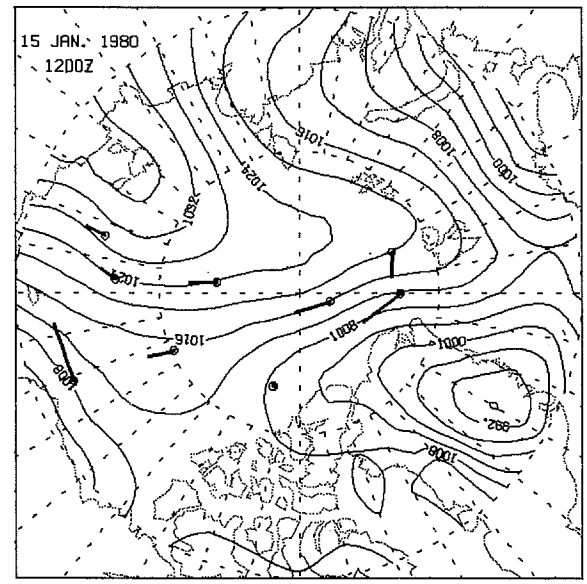
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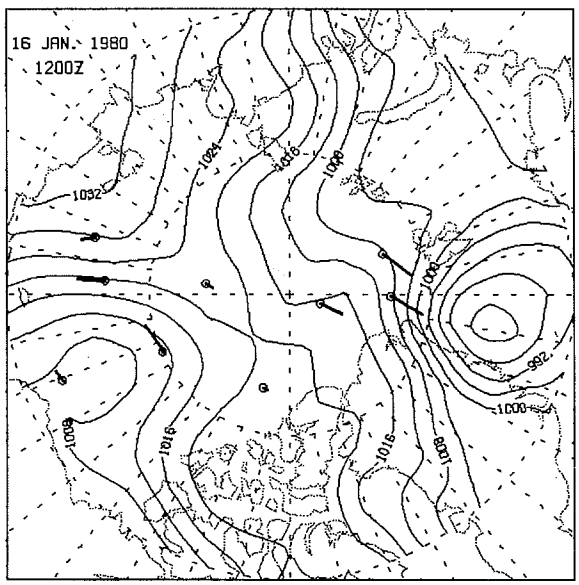
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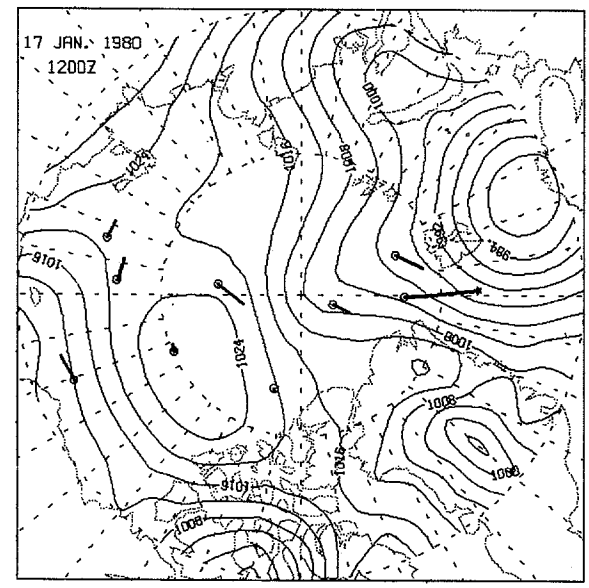
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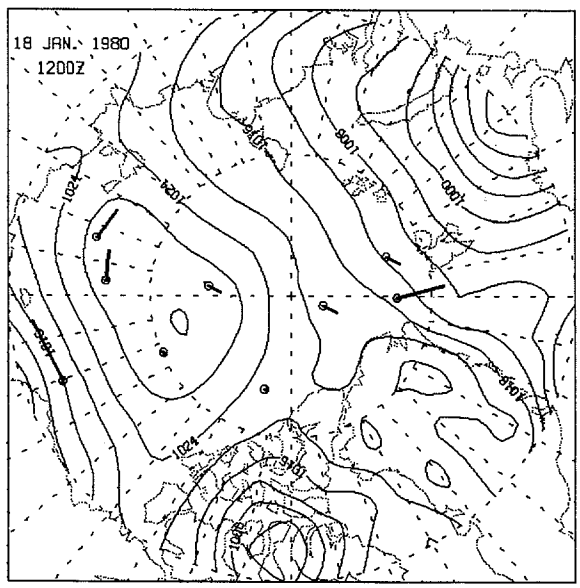
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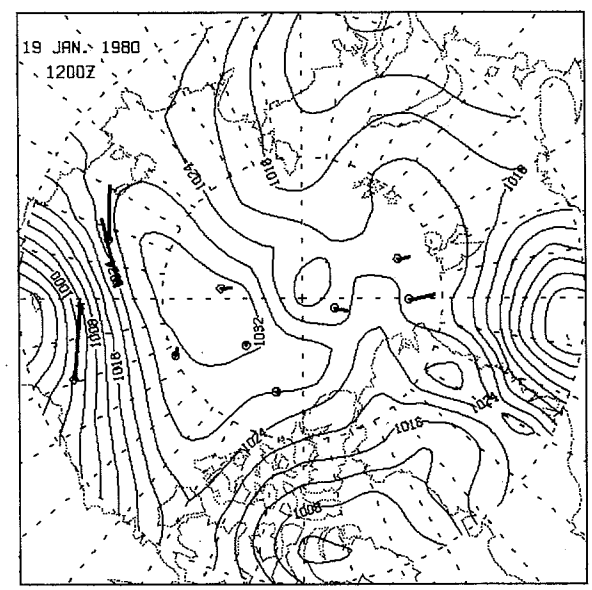
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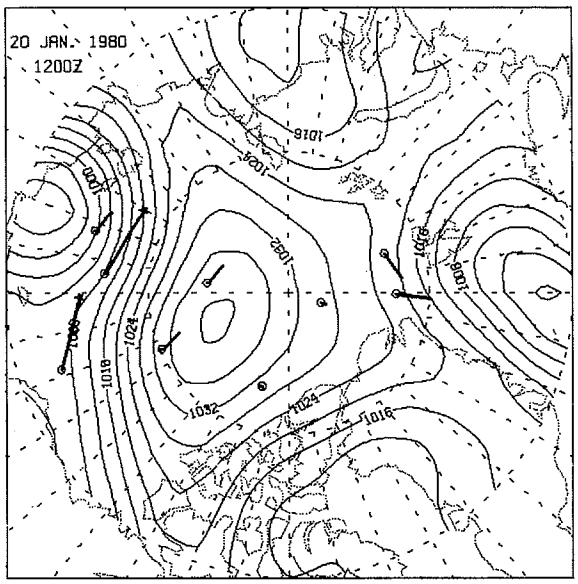
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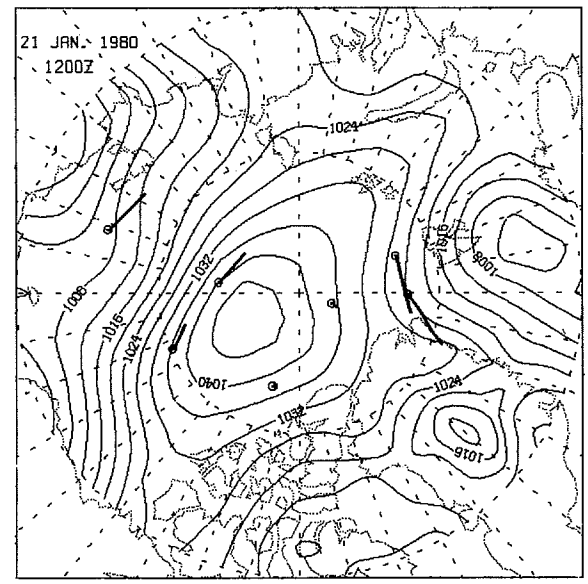
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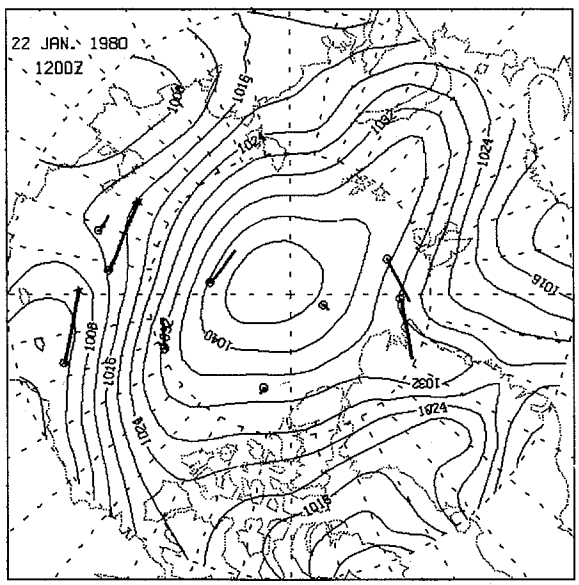
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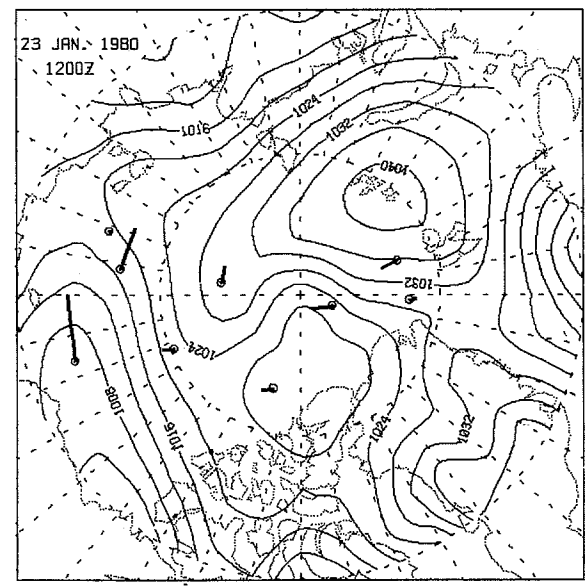
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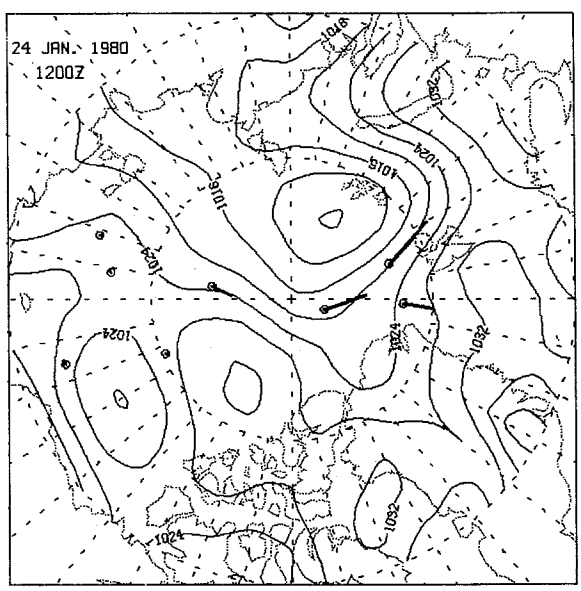
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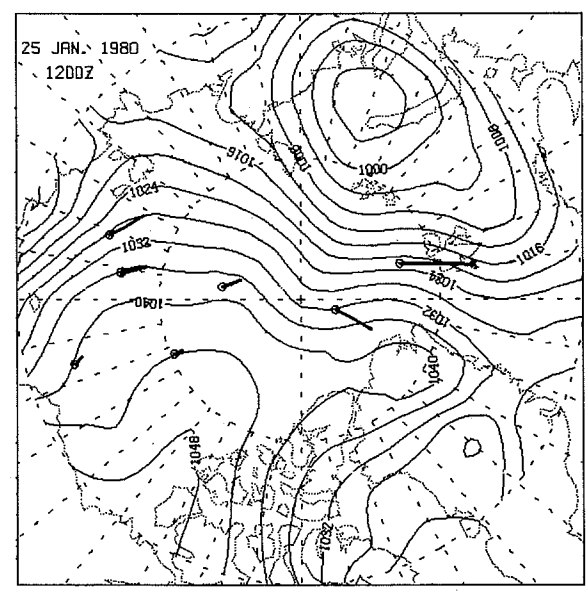
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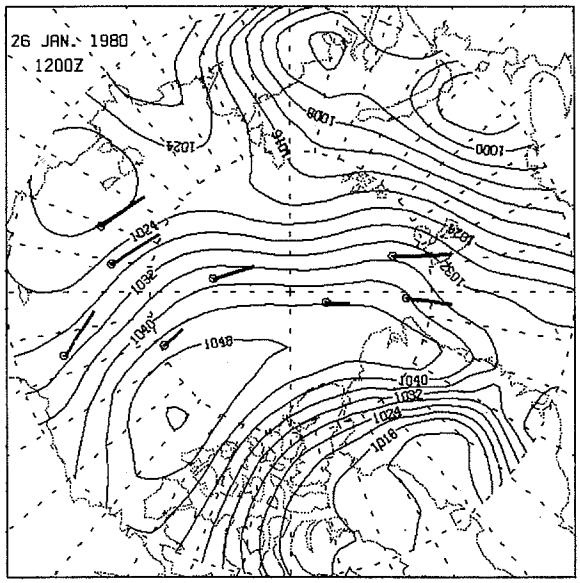
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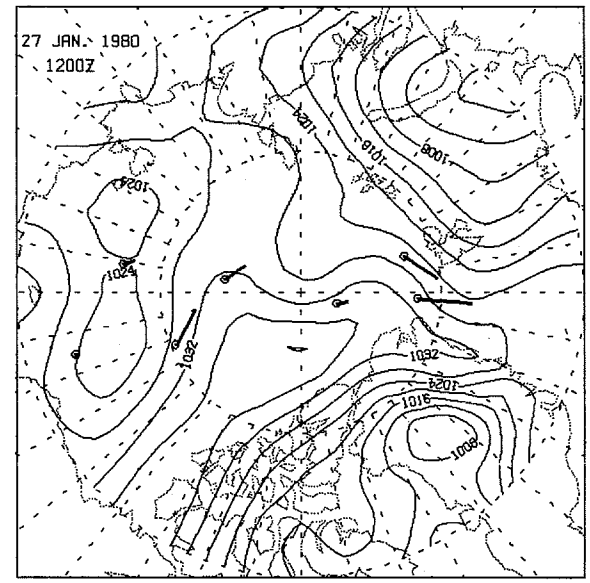
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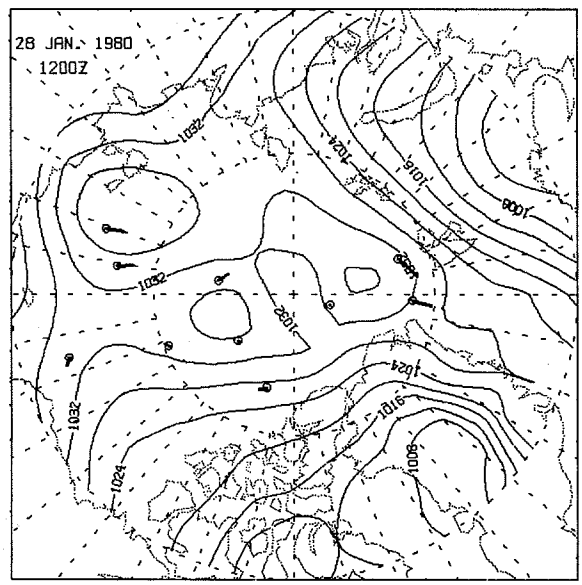
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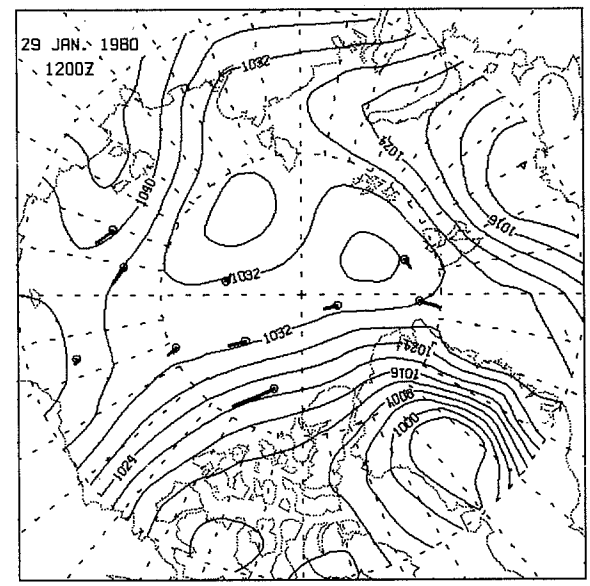
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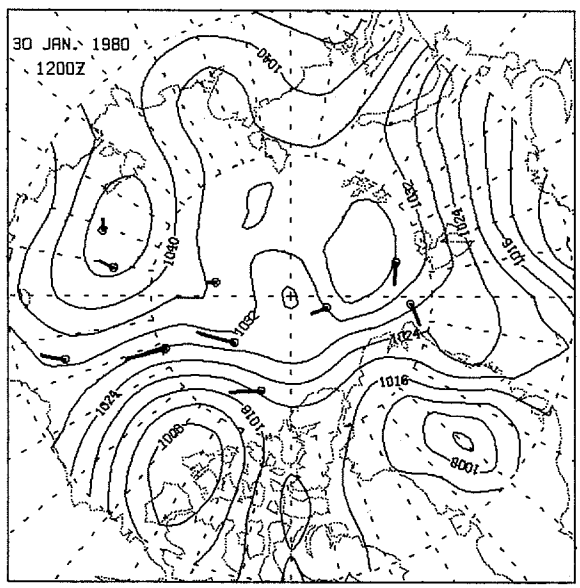
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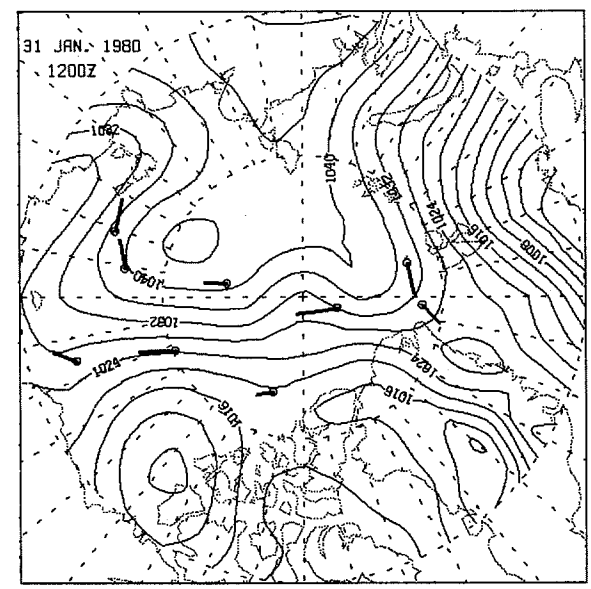
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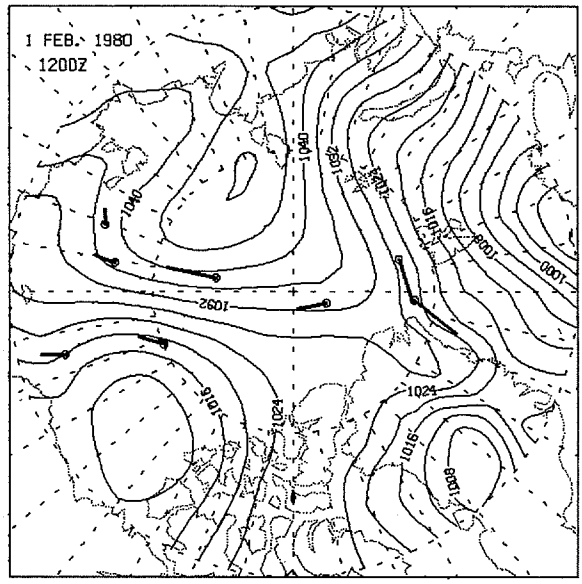
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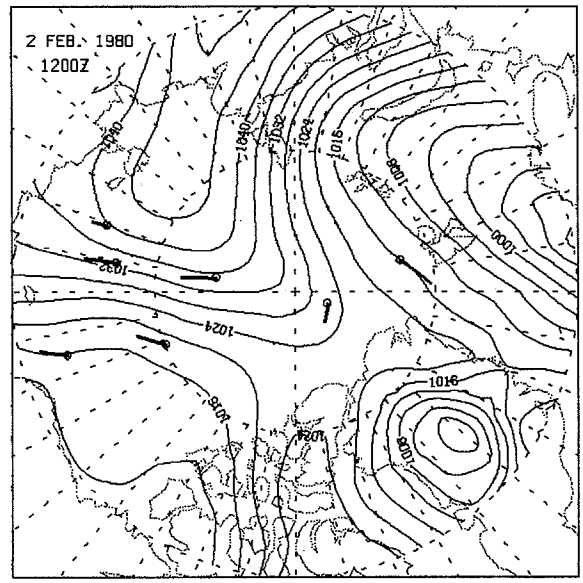
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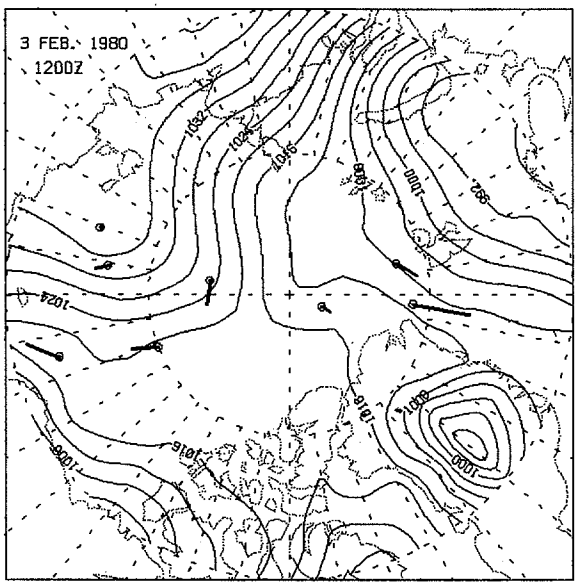
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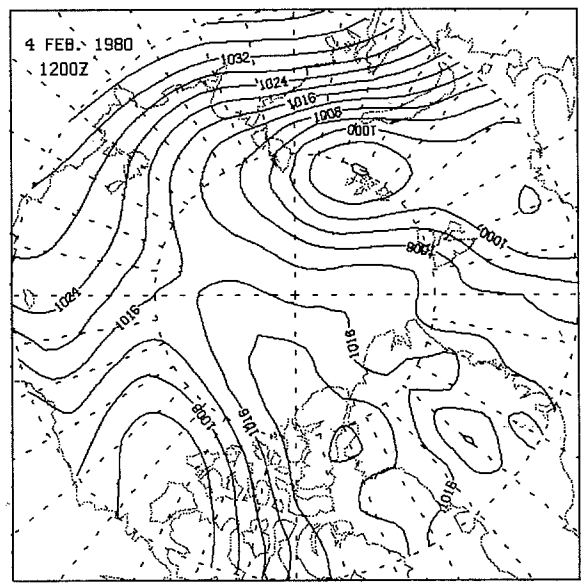
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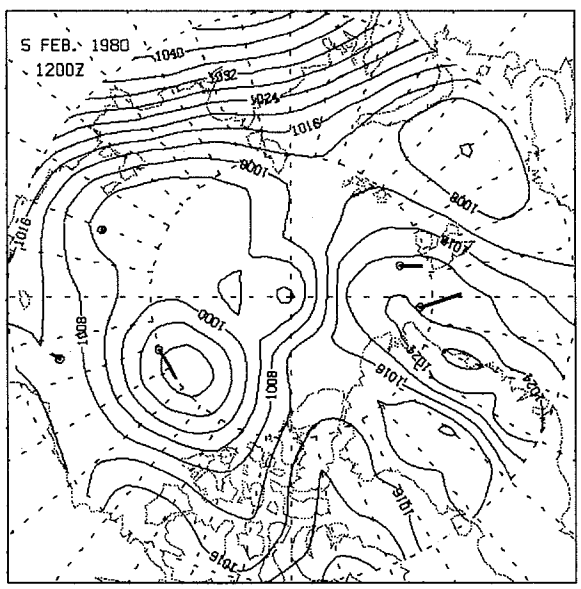
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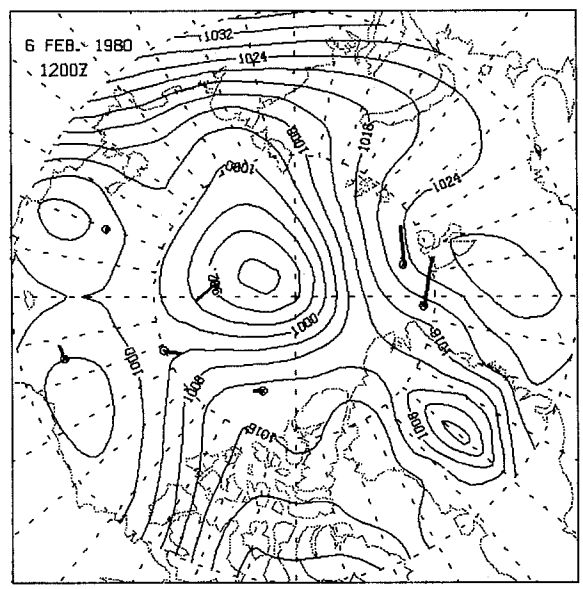
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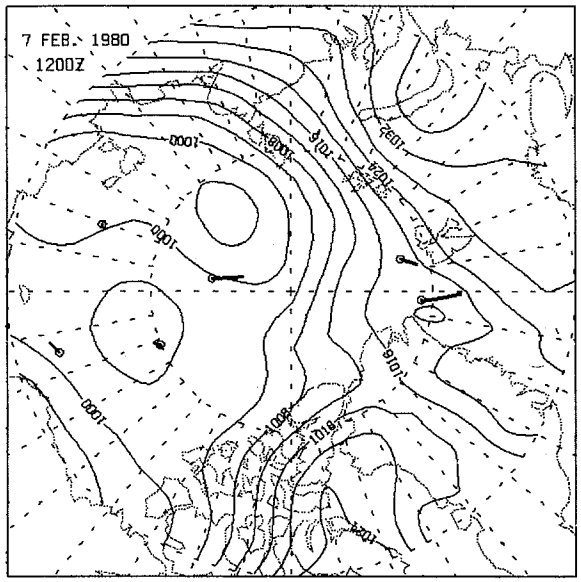
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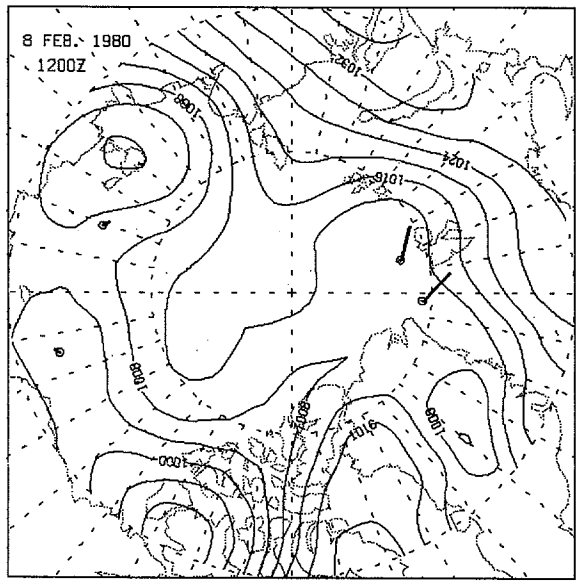
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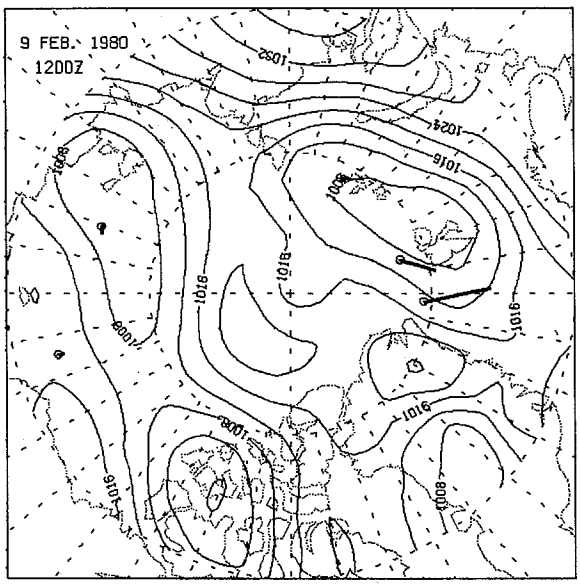
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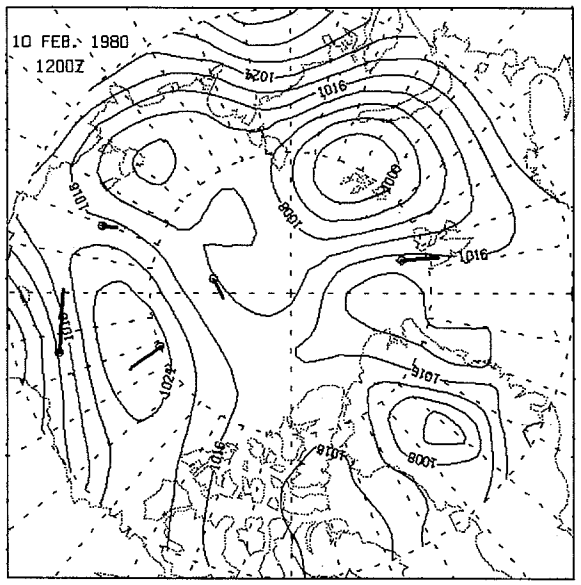
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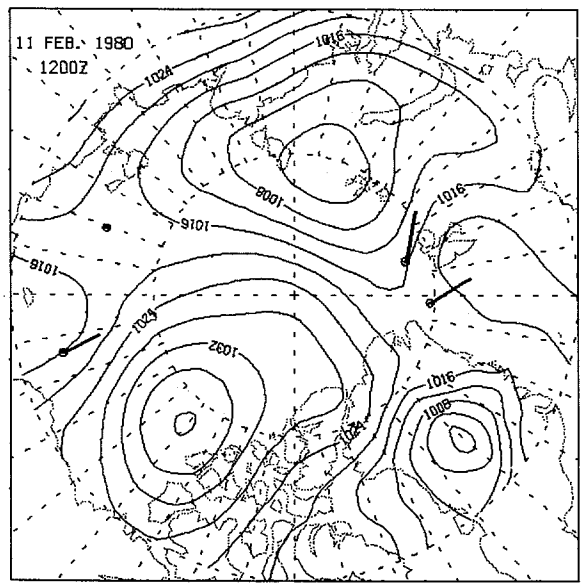
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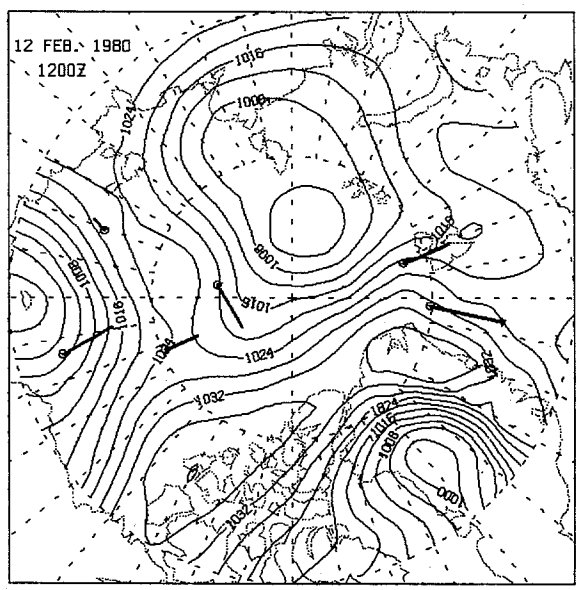
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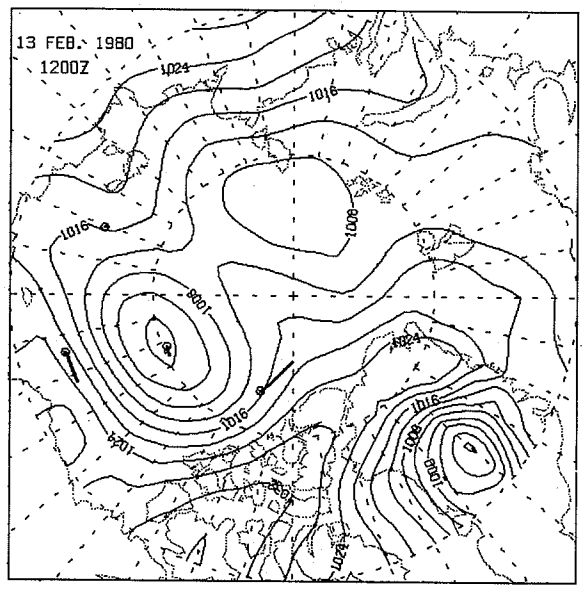
13 FEB. 1980
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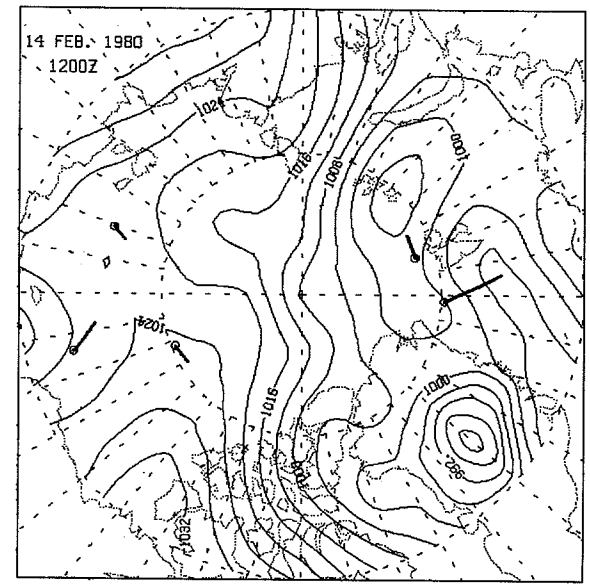
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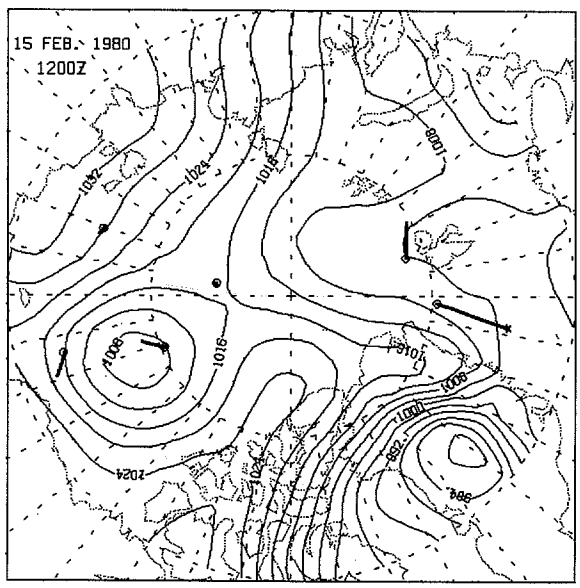
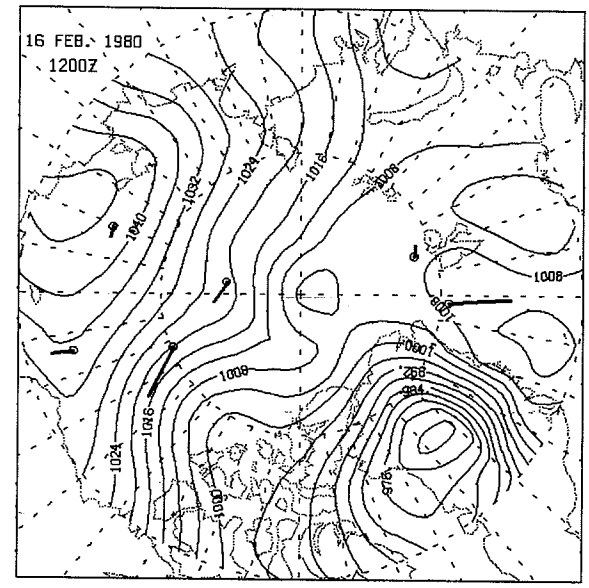
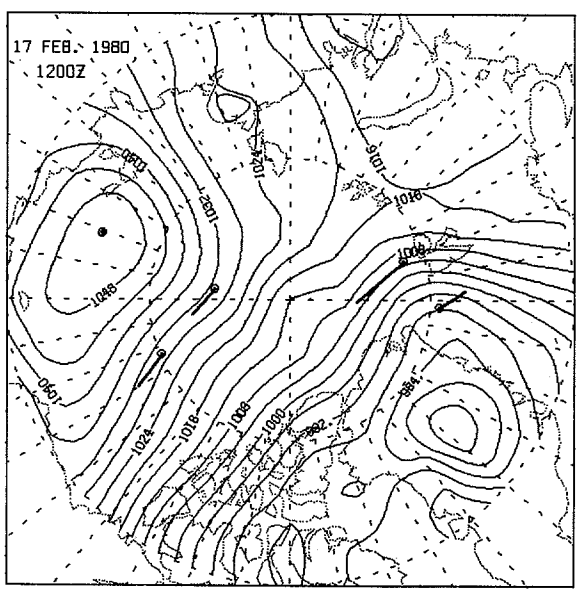

15 FEB. 1980
1200Z


16 FEB. 1980
1200Z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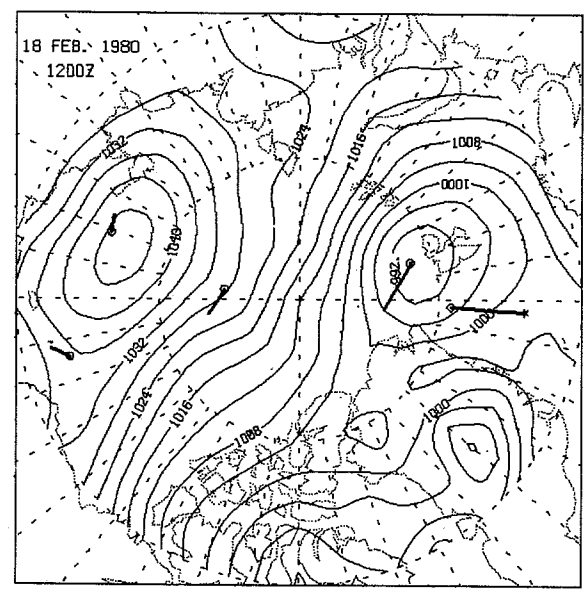
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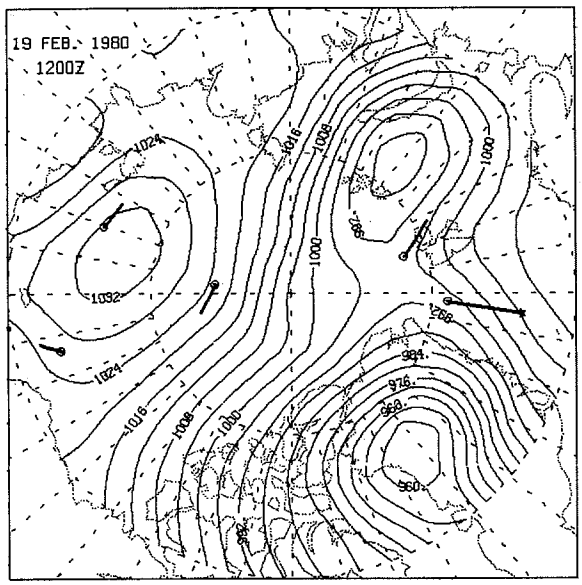
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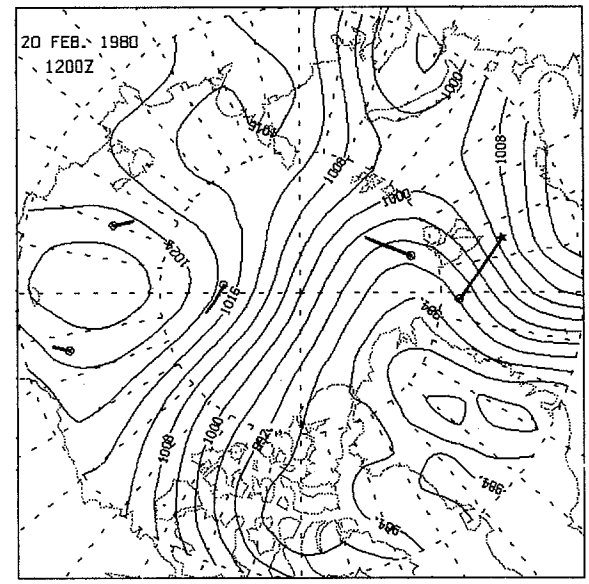
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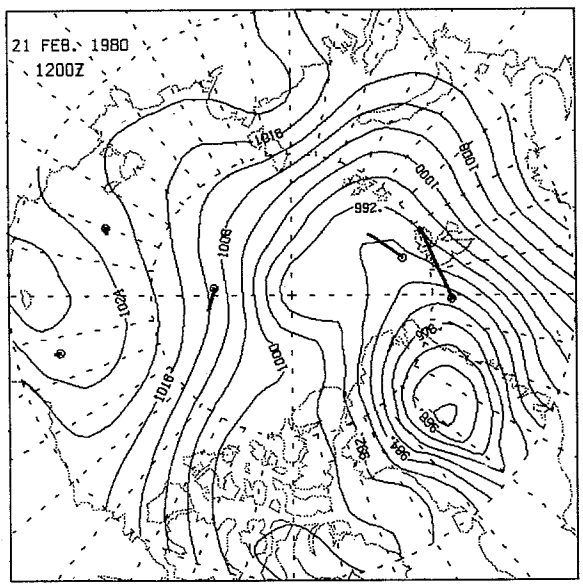
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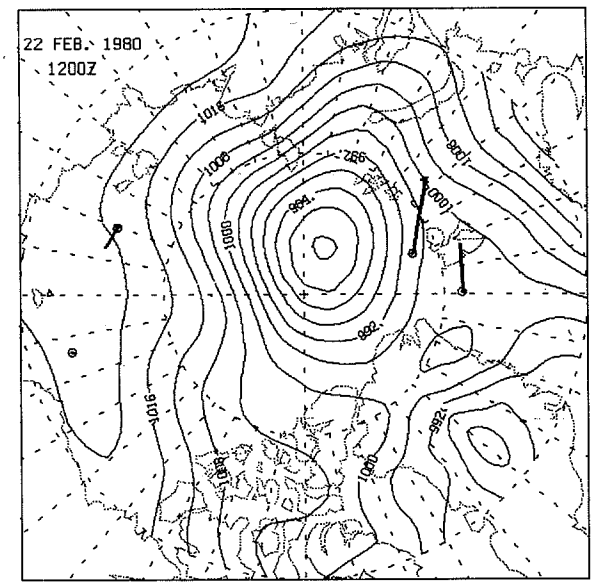
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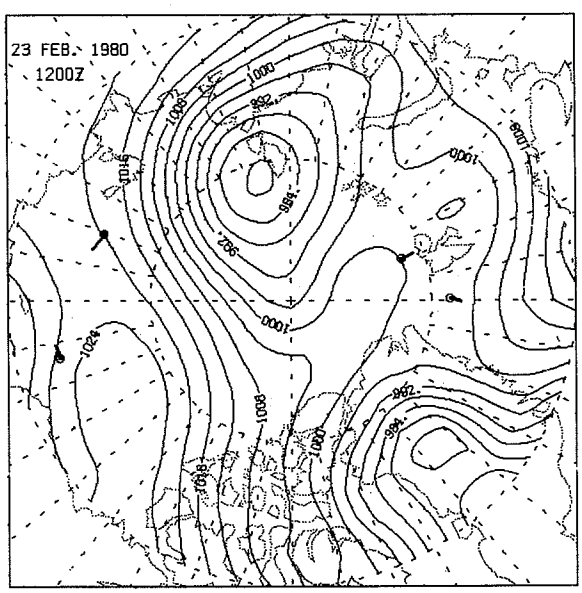
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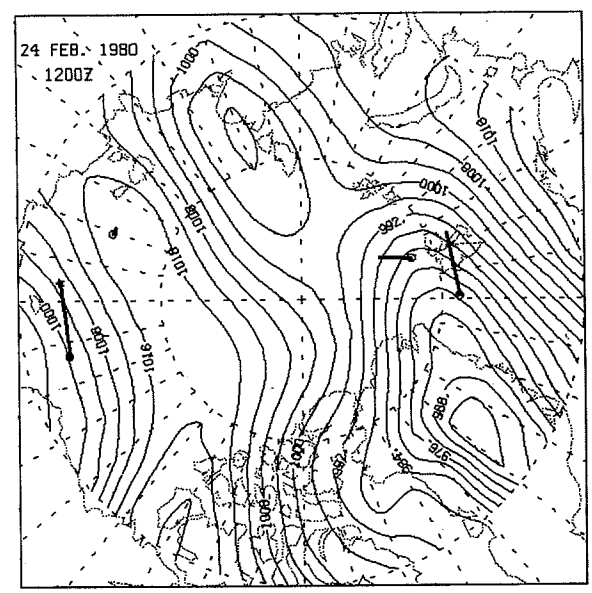
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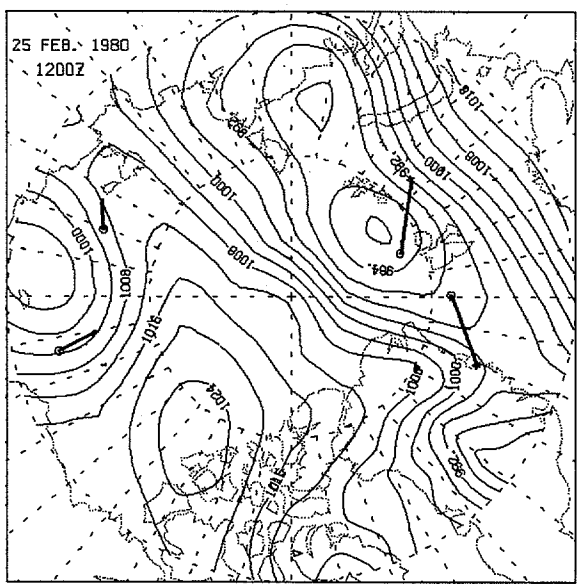
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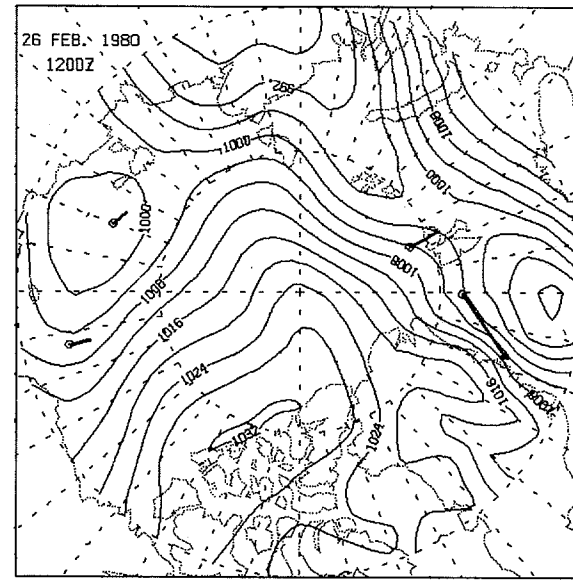
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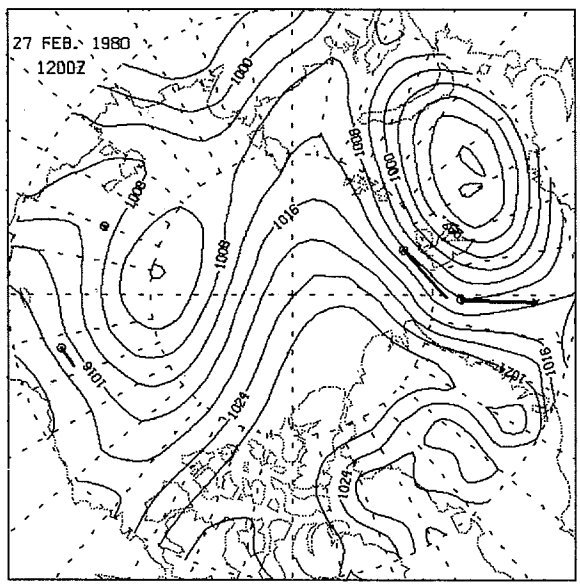
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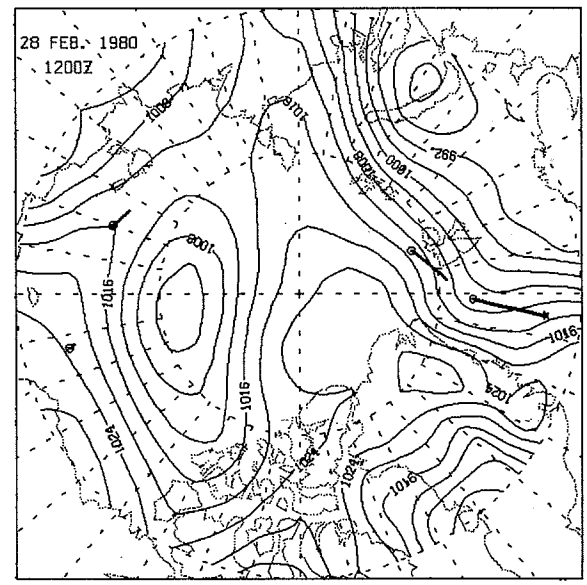
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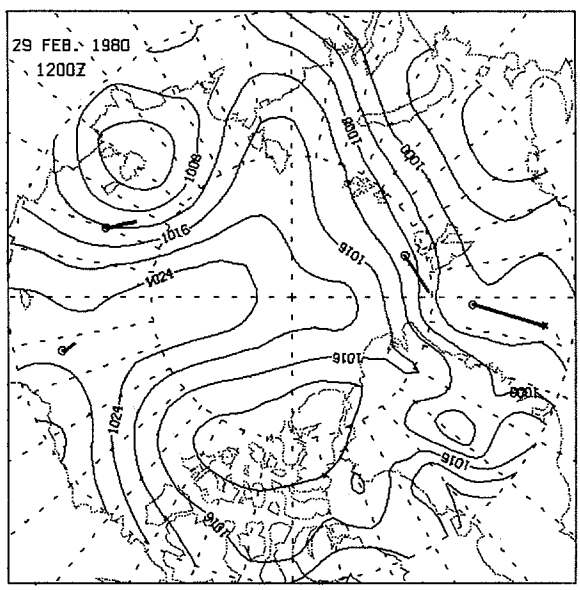
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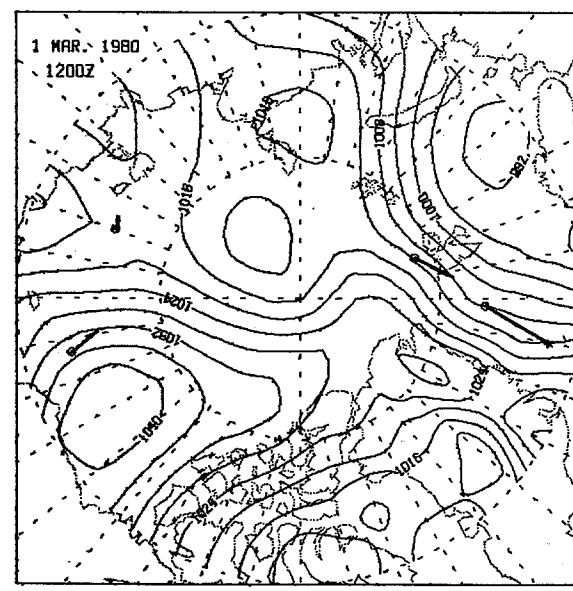
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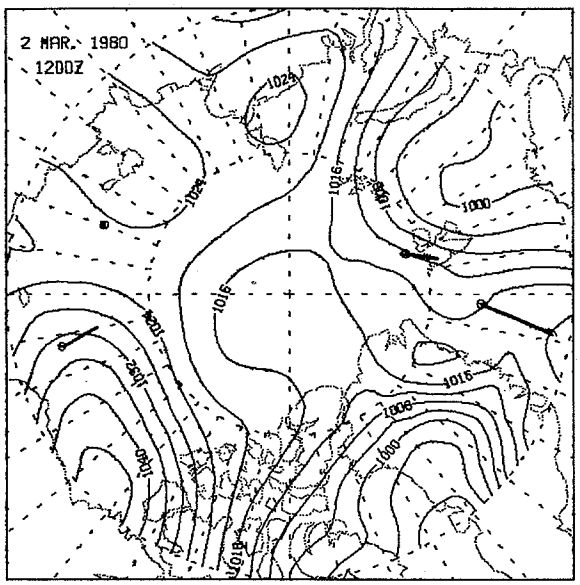
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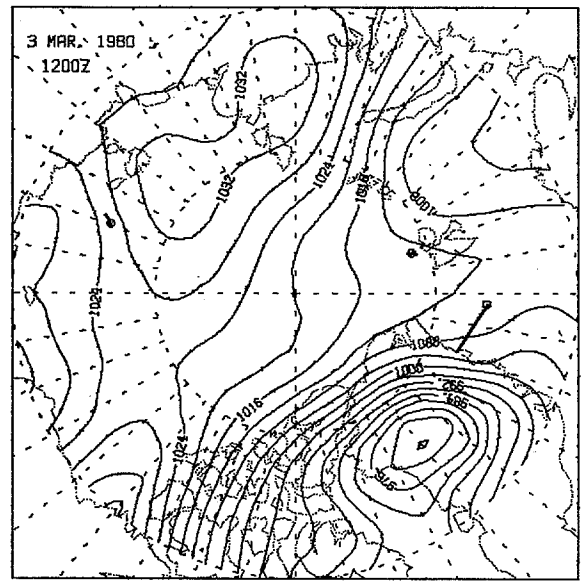
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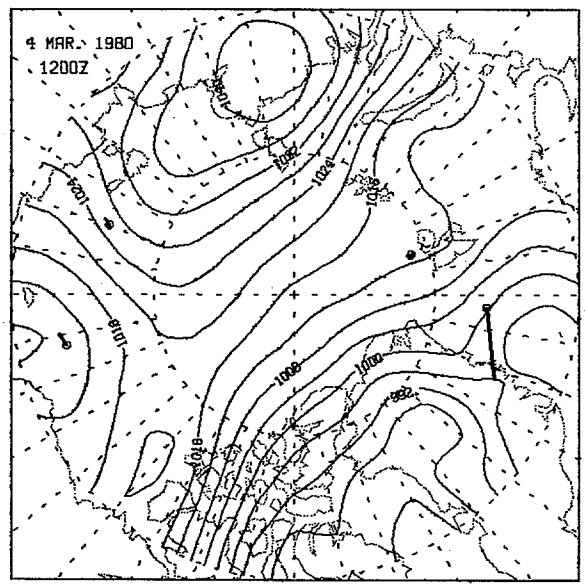
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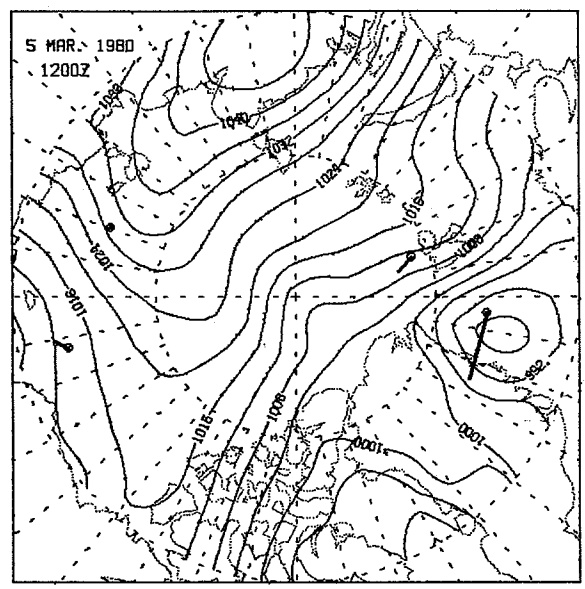
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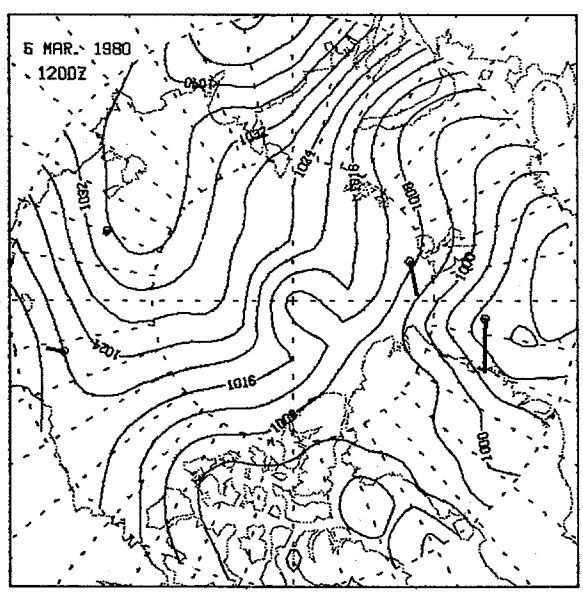
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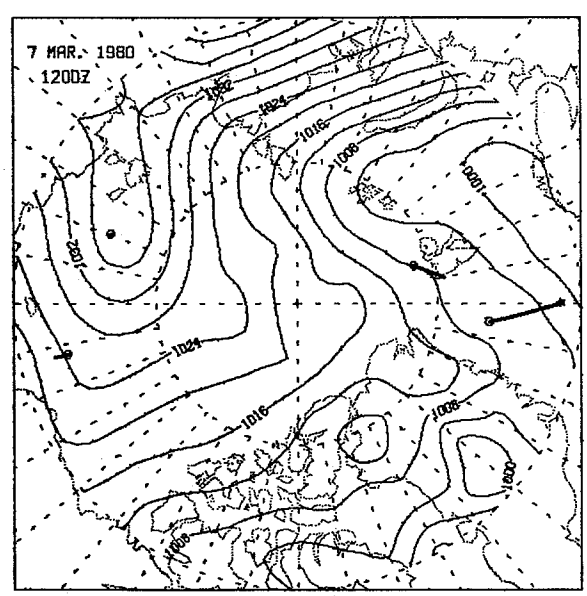
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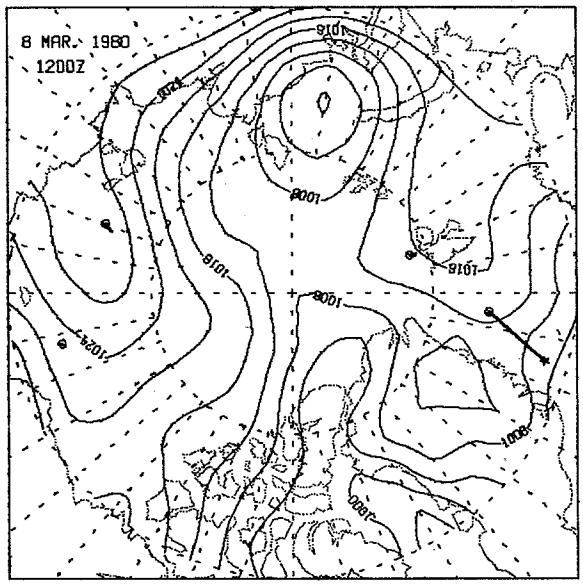
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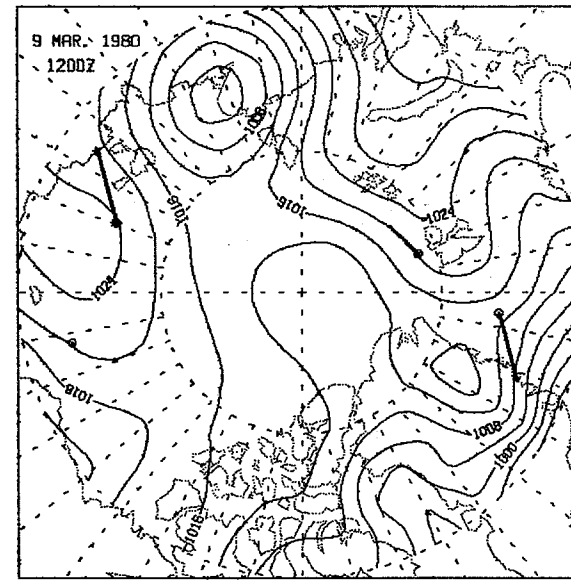
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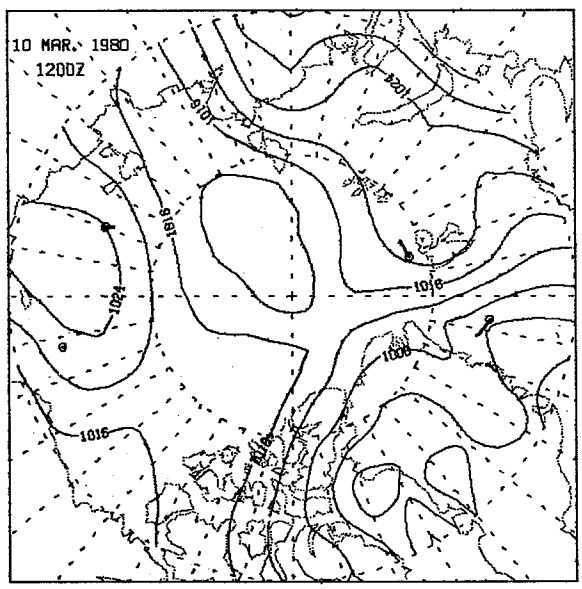
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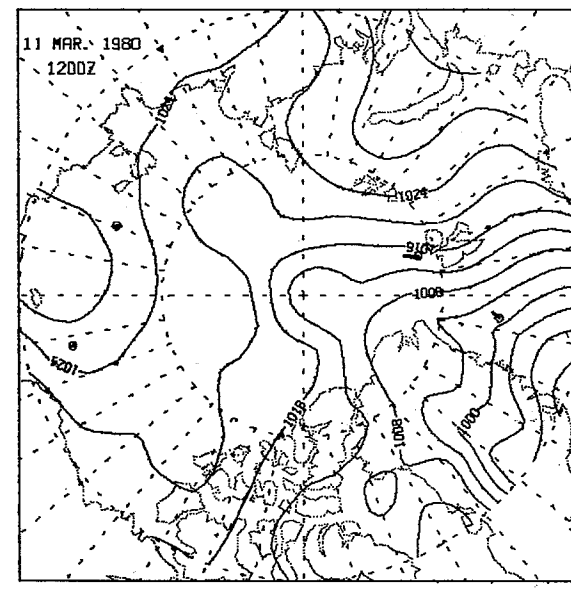
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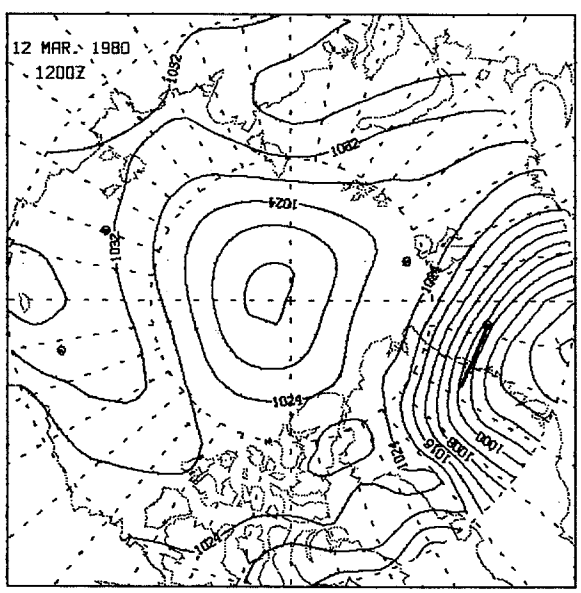
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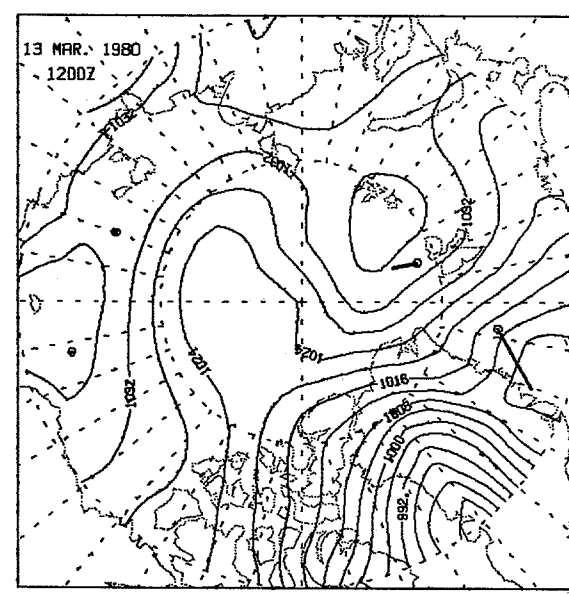
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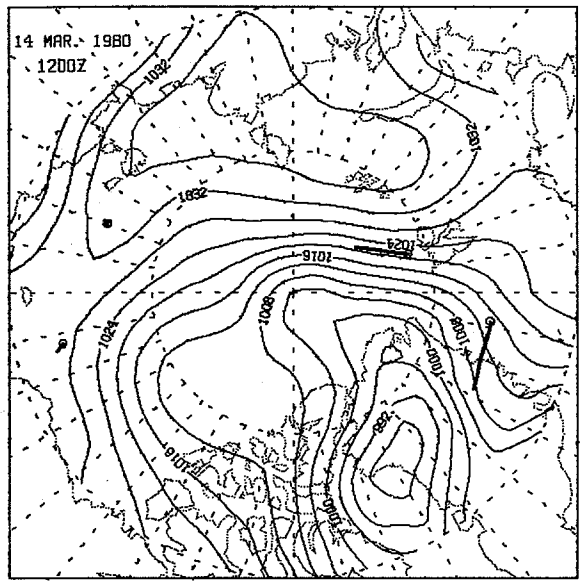
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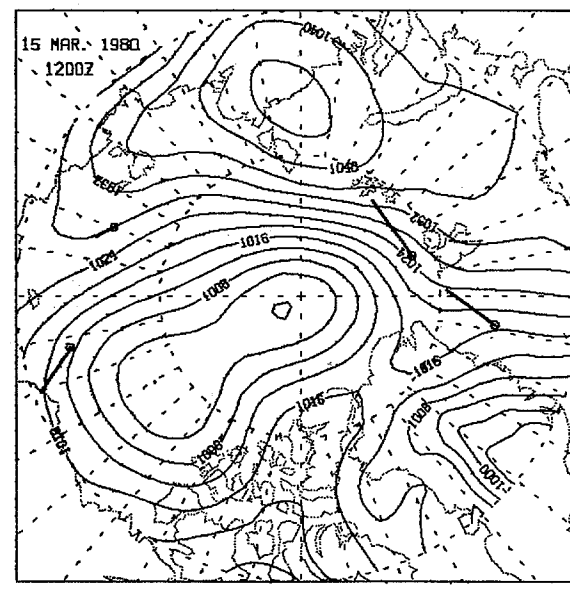
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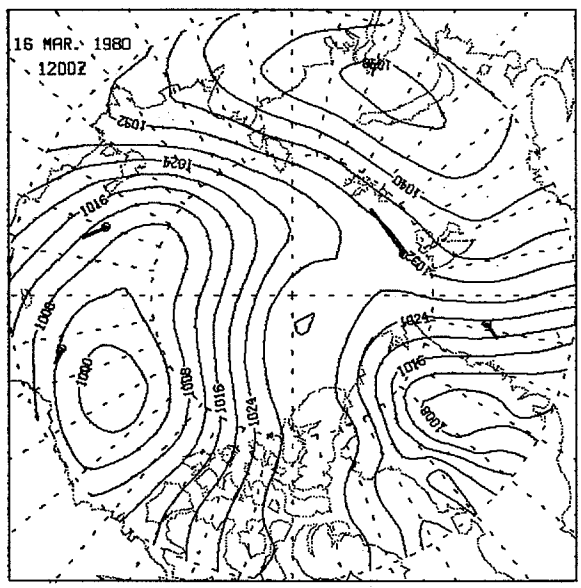
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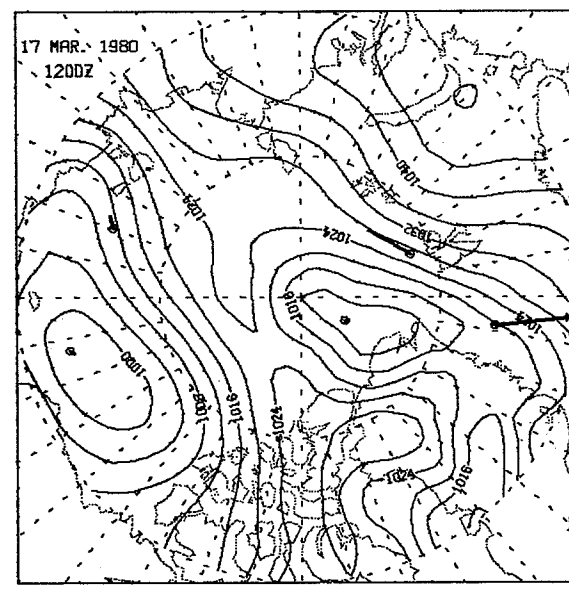
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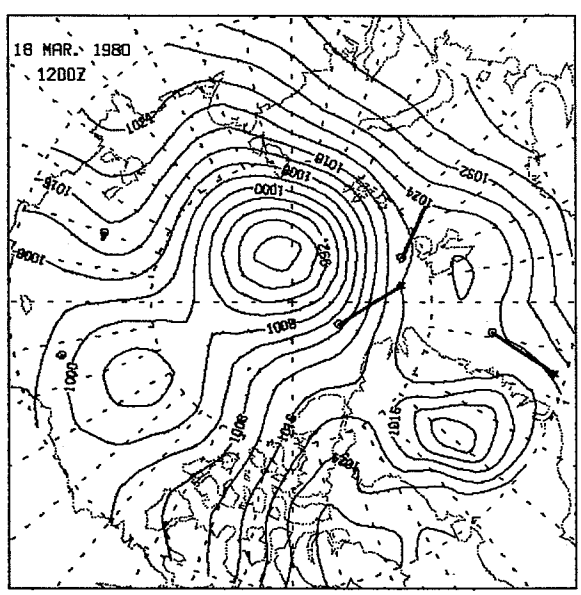
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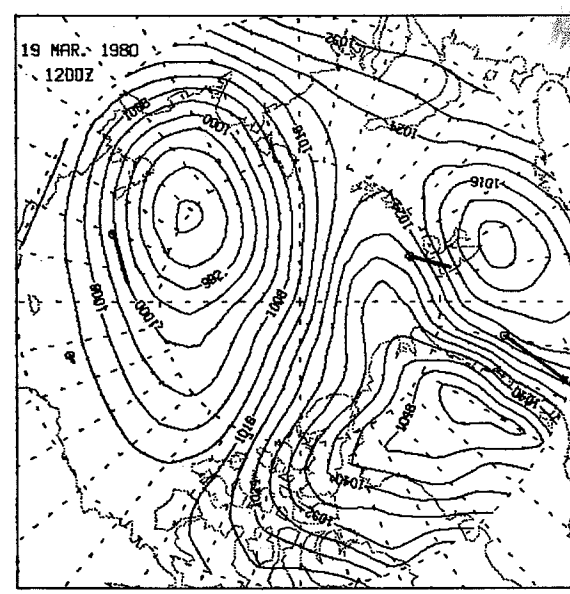
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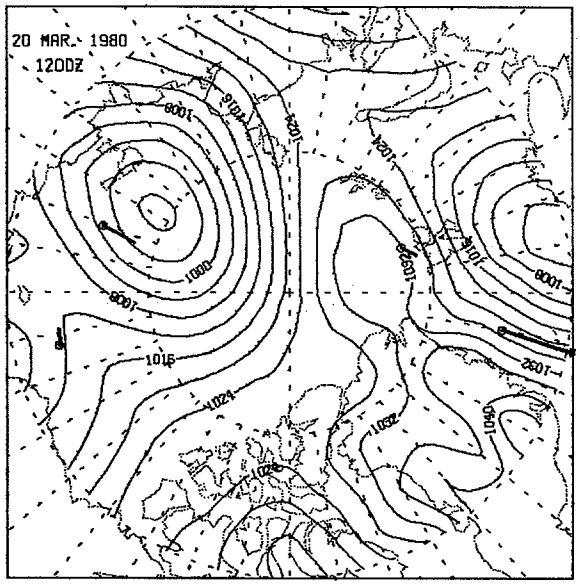
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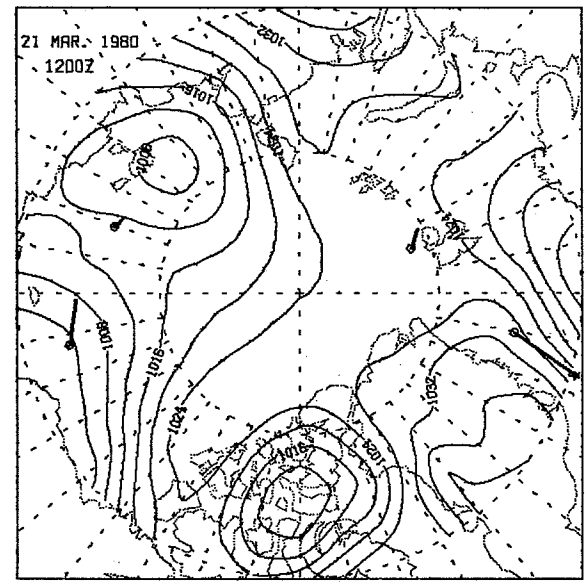
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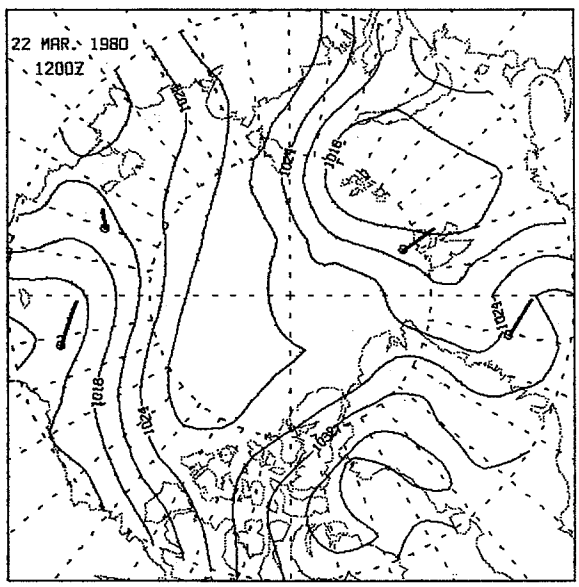
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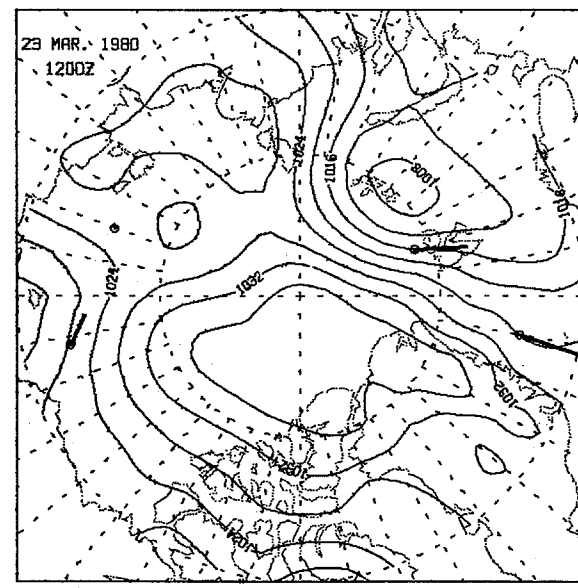
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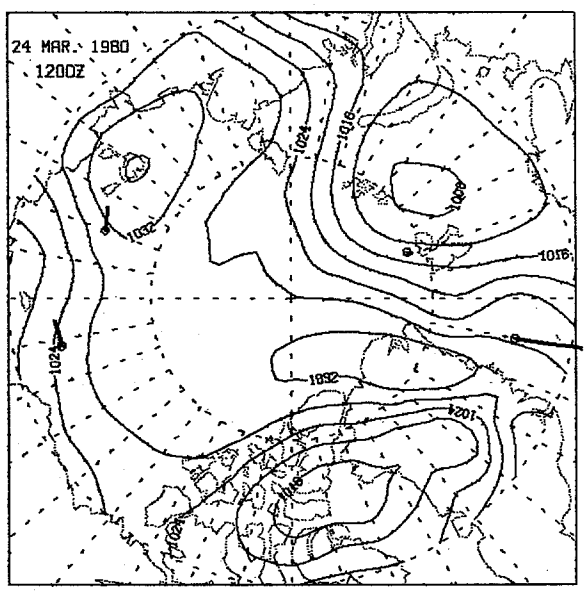
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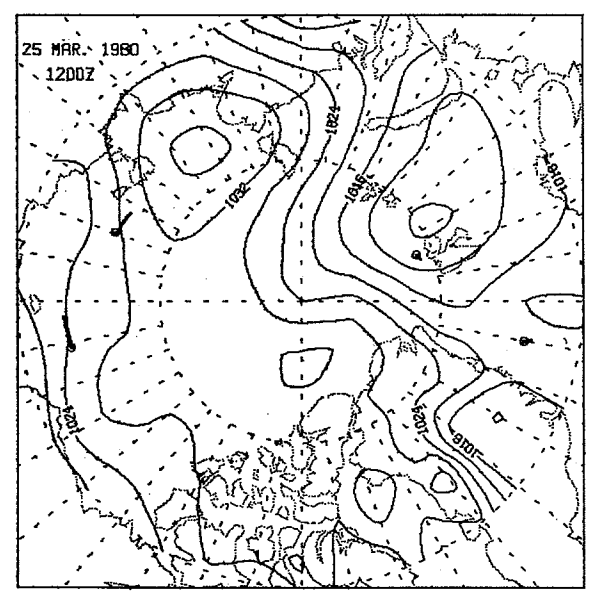
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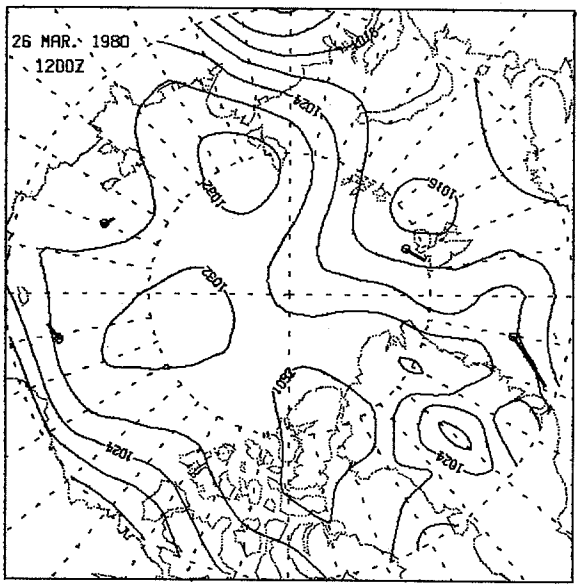
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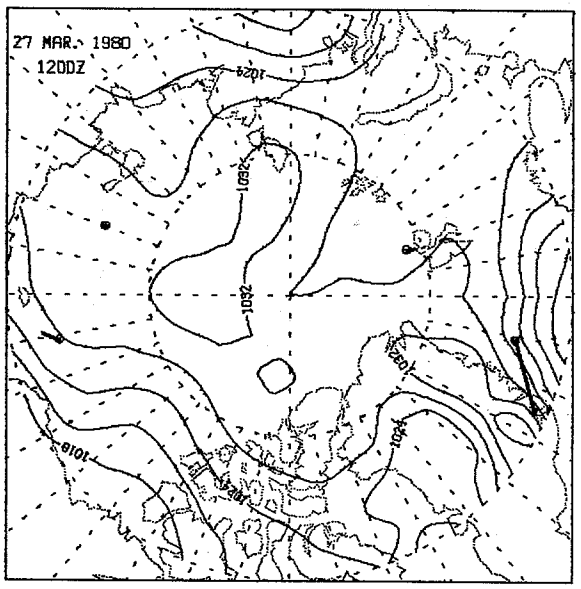
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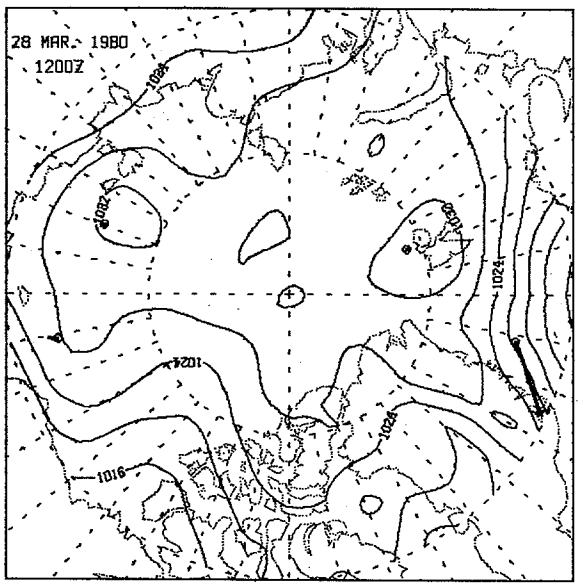
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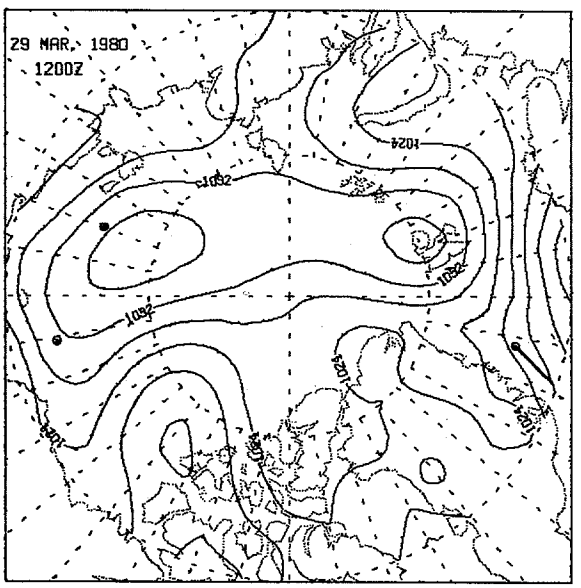
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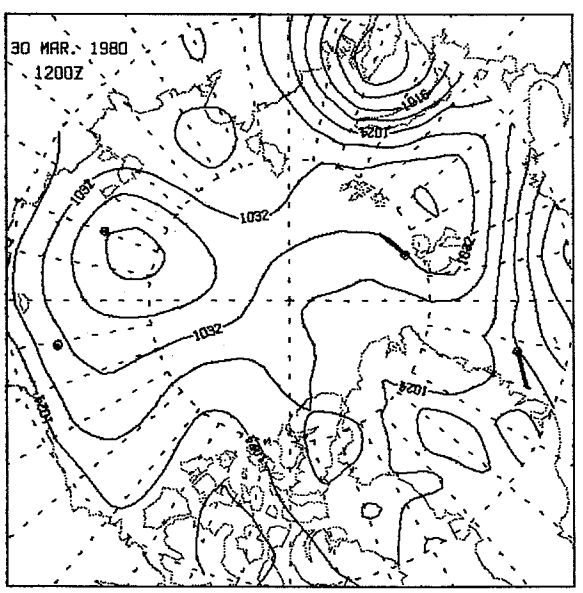
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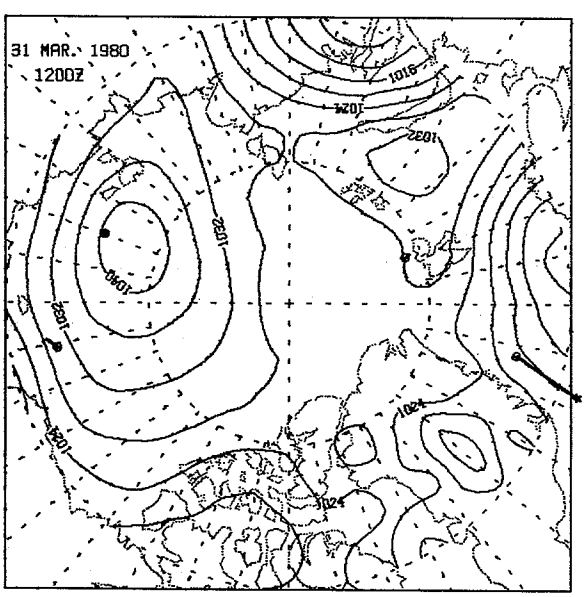
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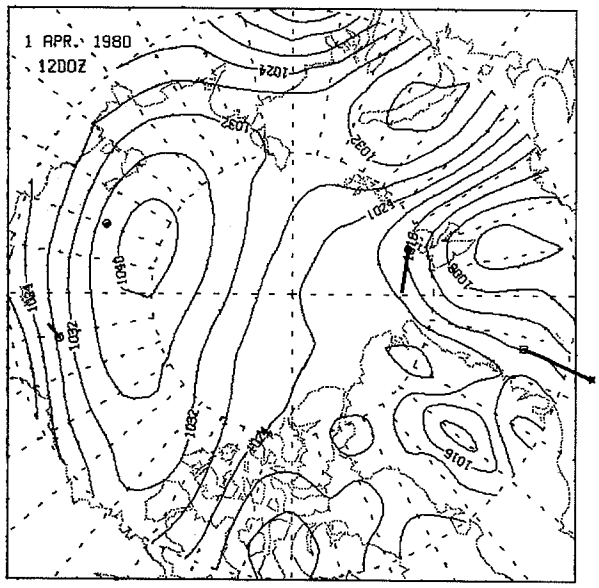
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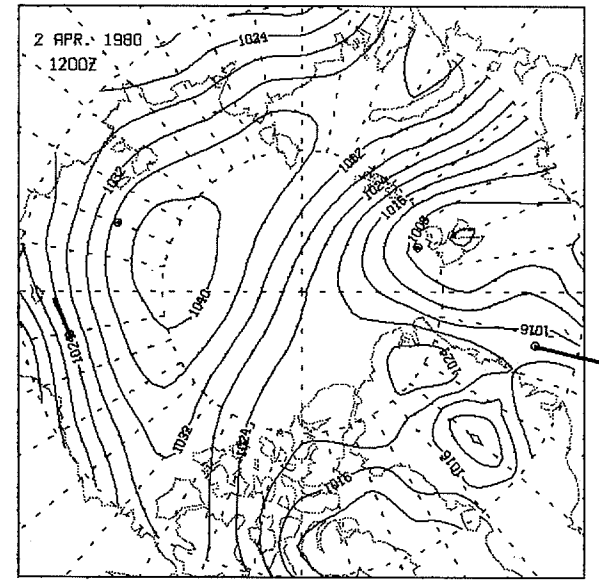
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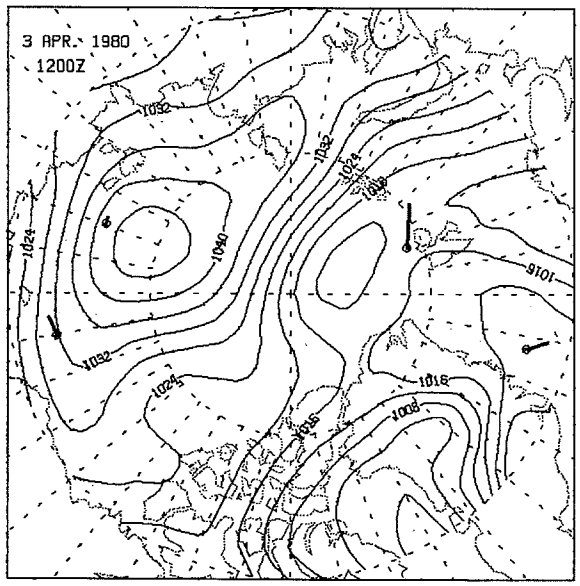
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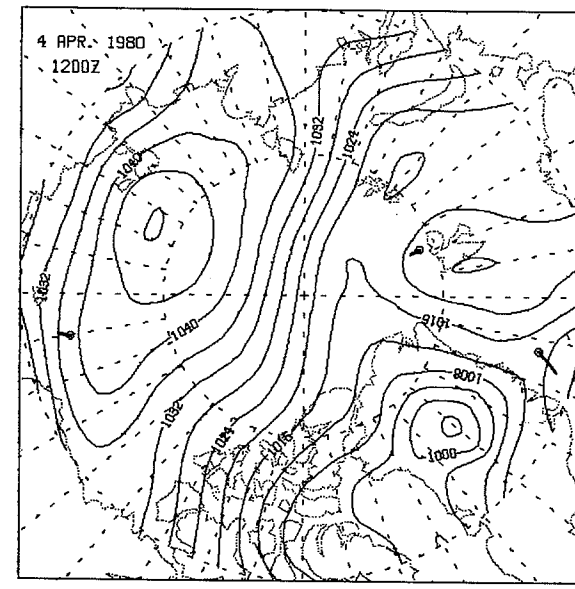
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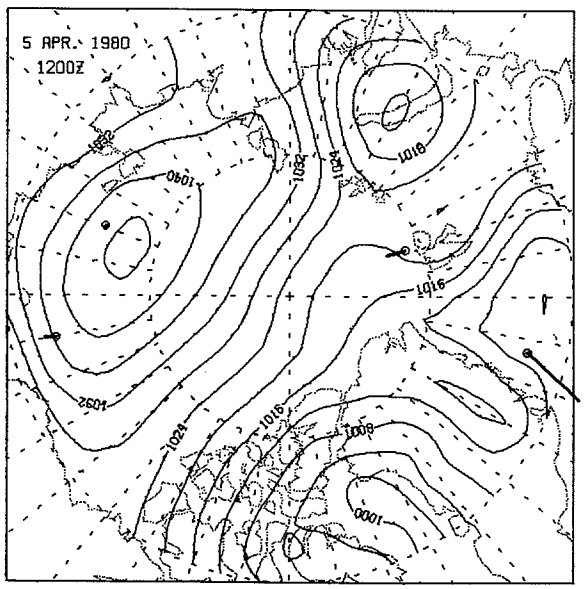
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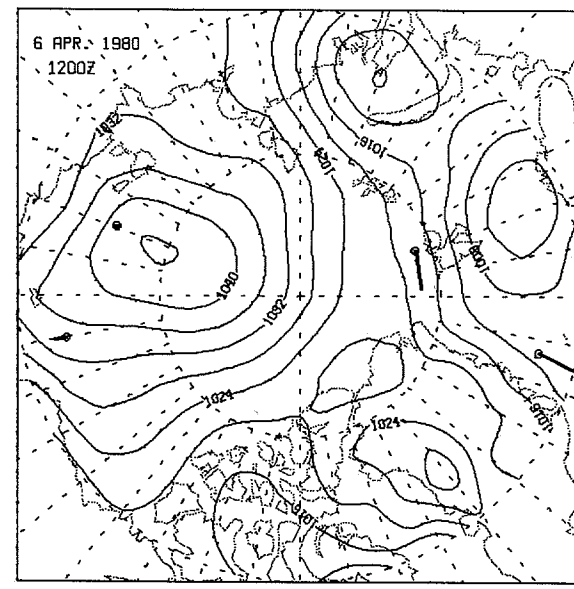
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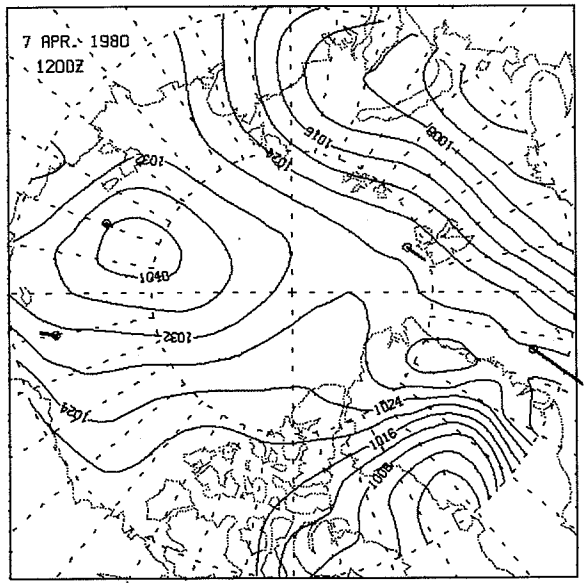
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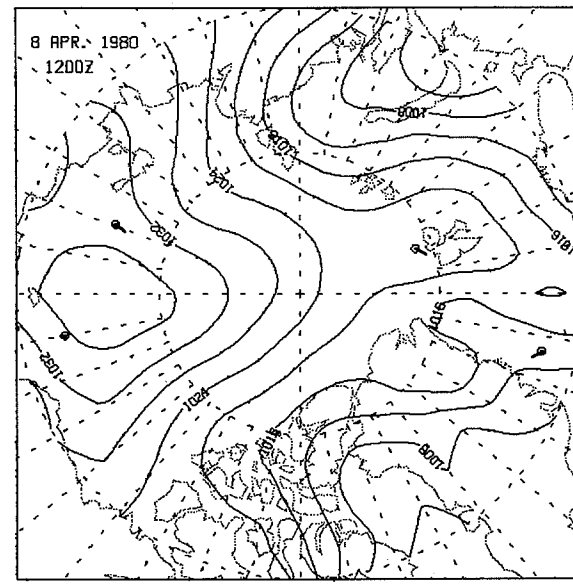
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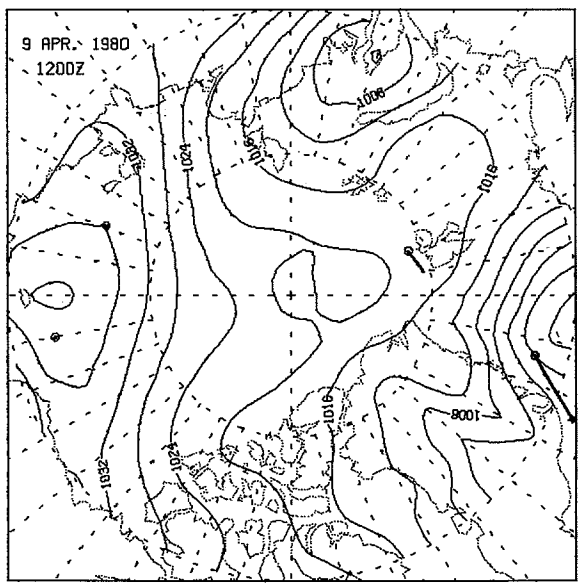
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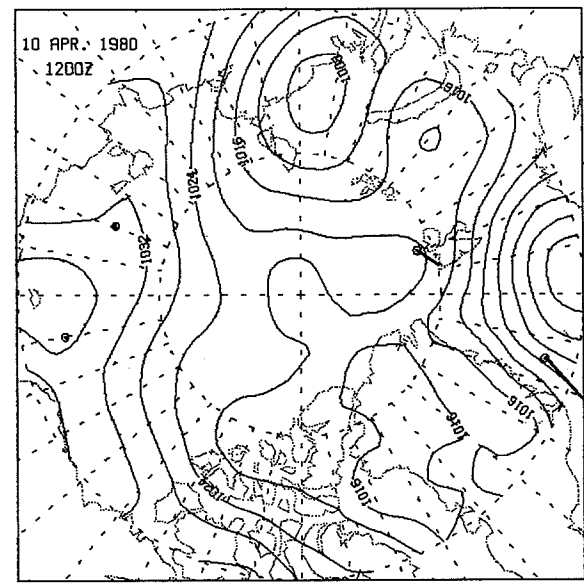
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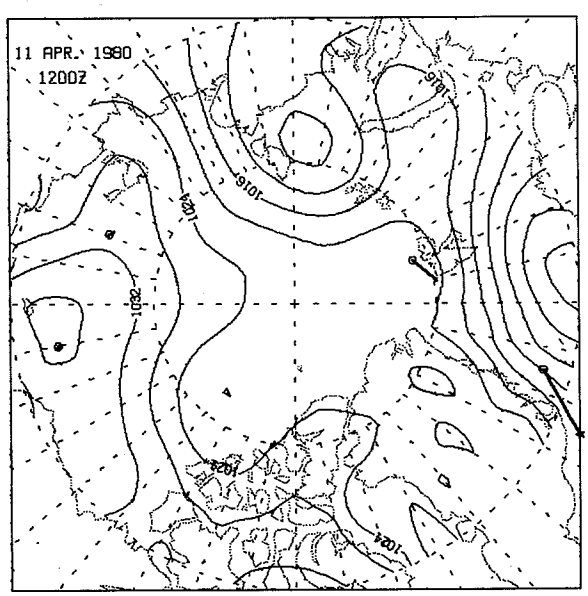
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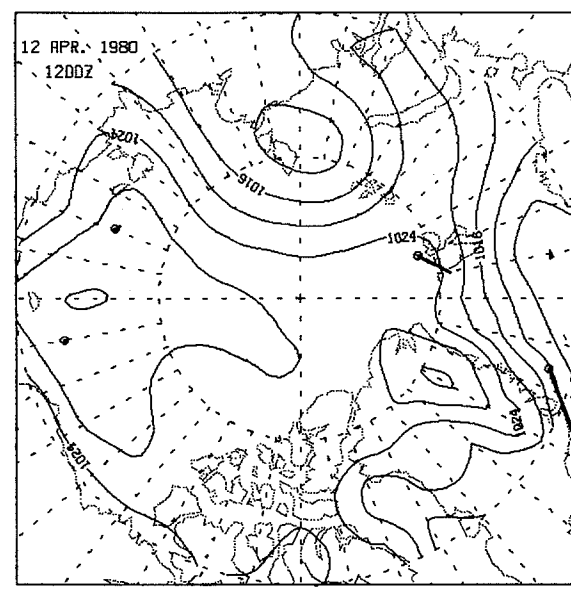
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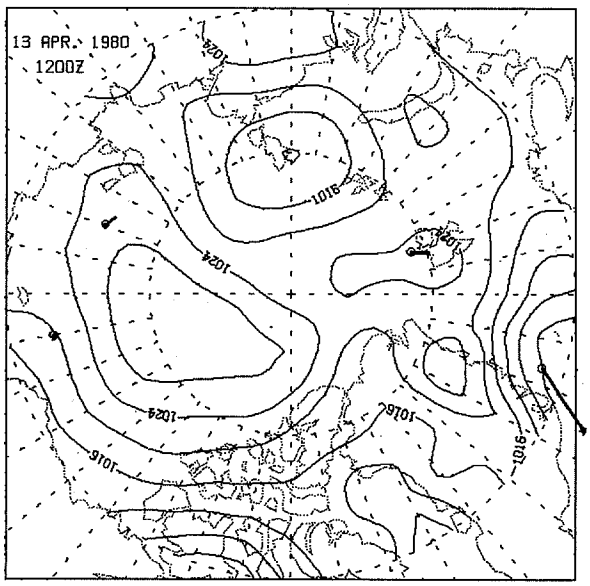
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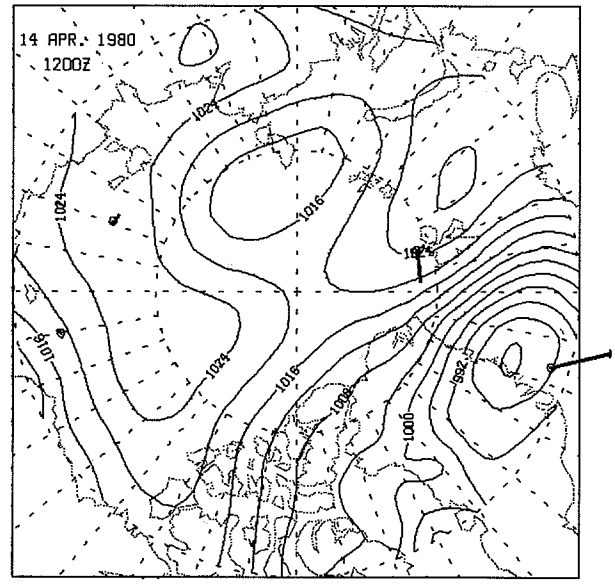
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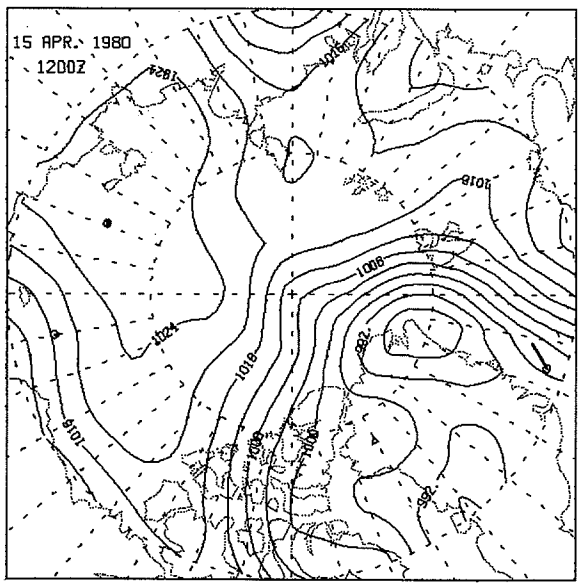
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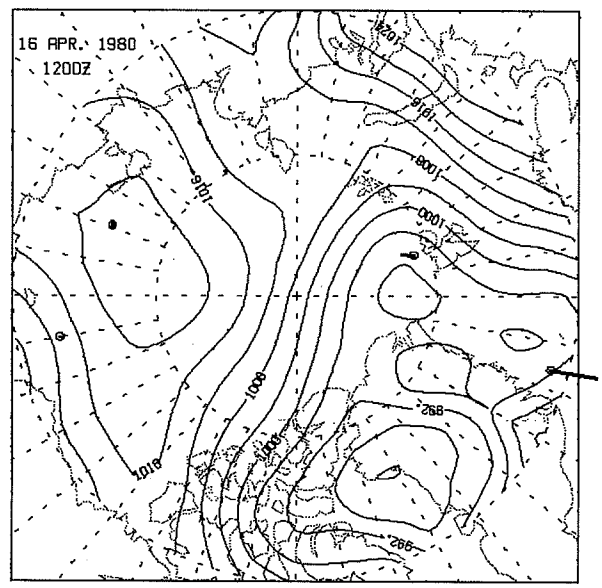
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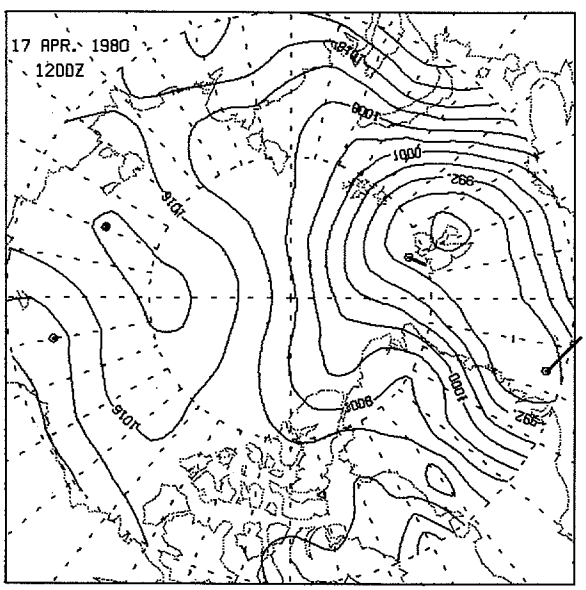
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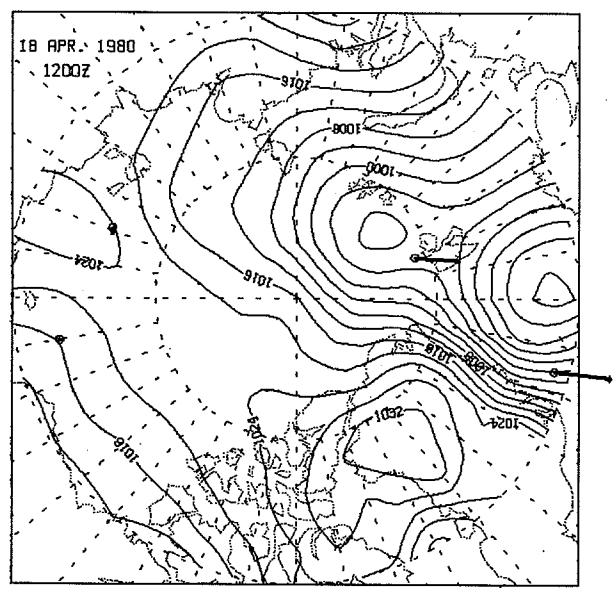
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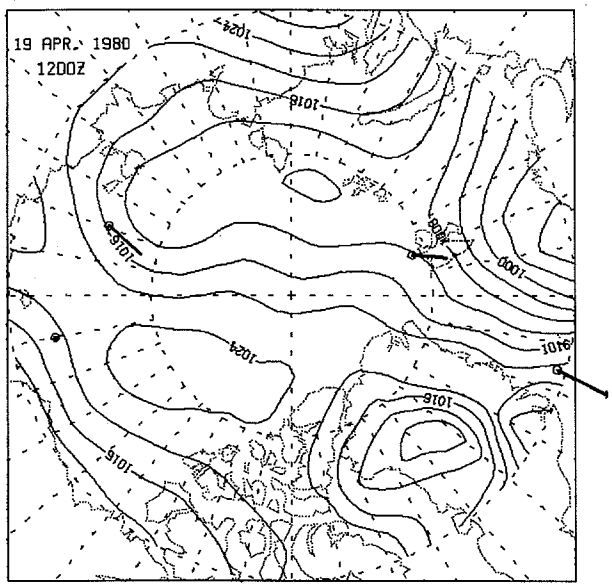
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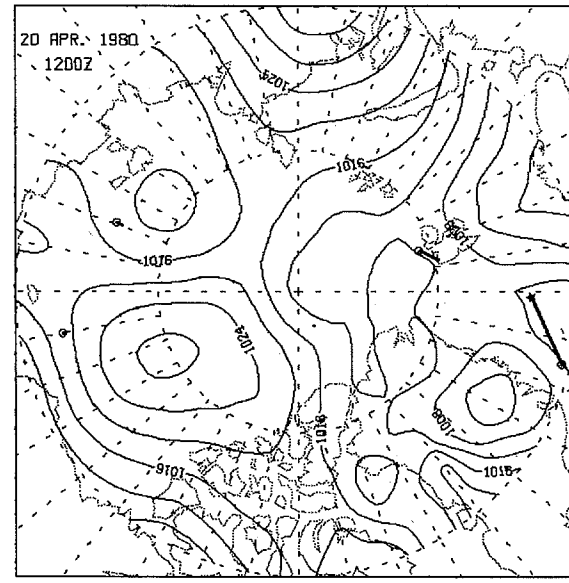
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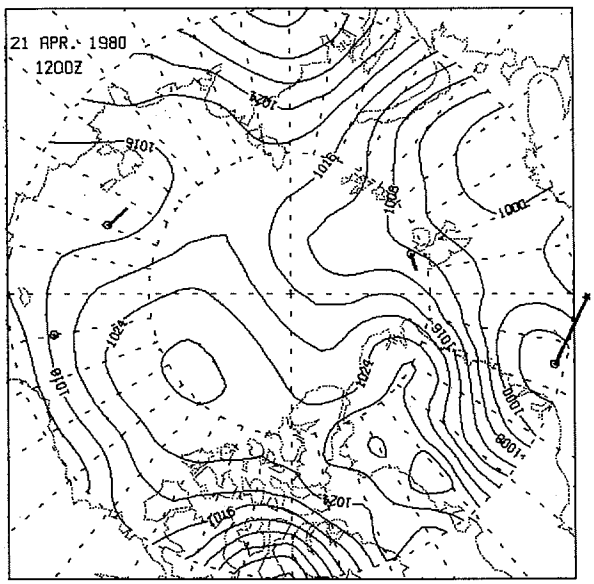
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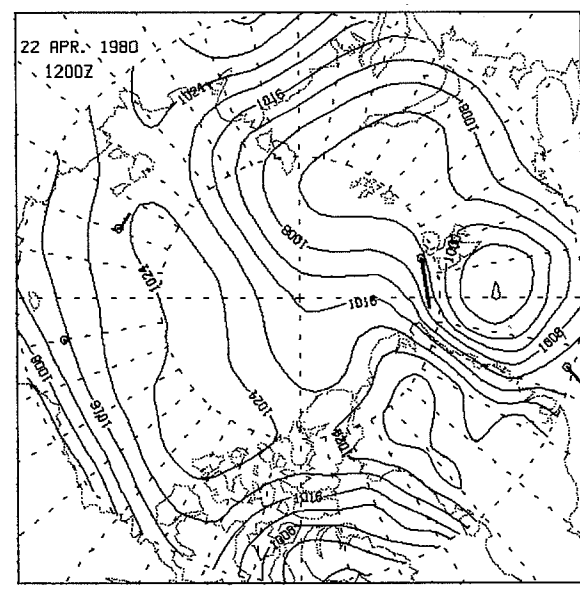
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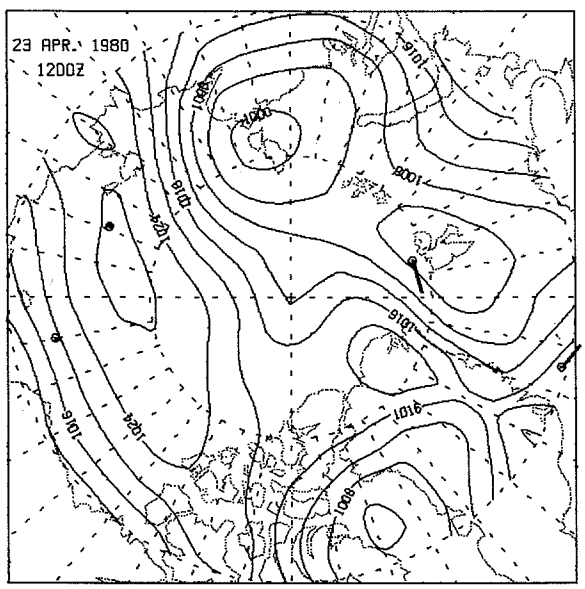
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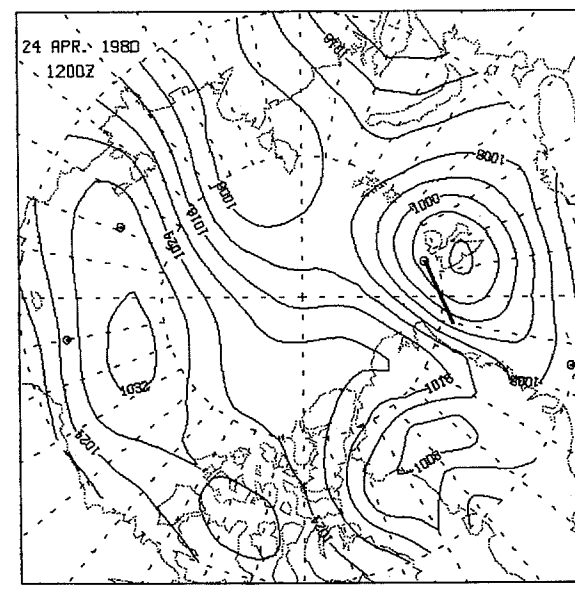
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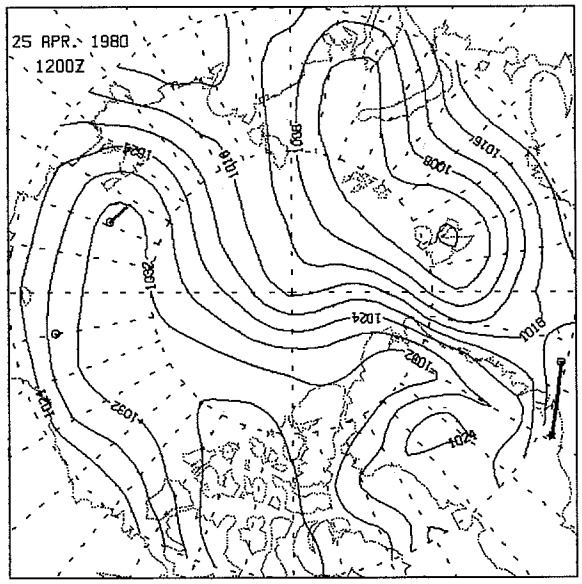
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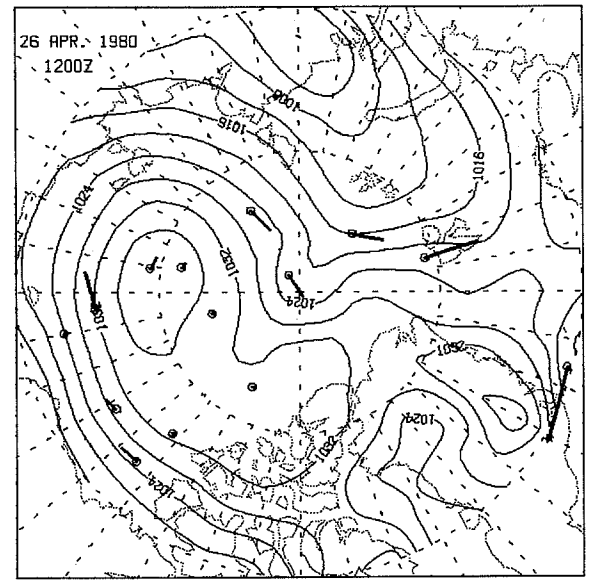
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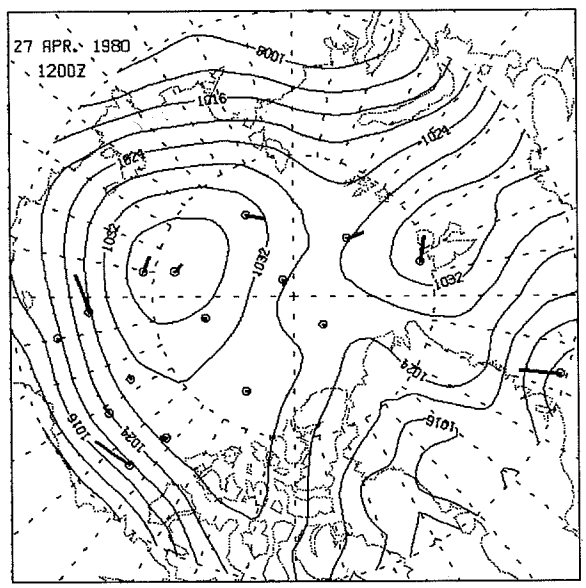
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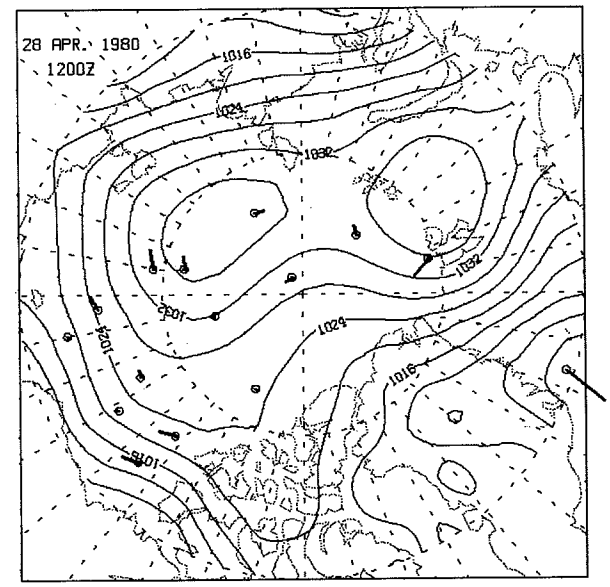
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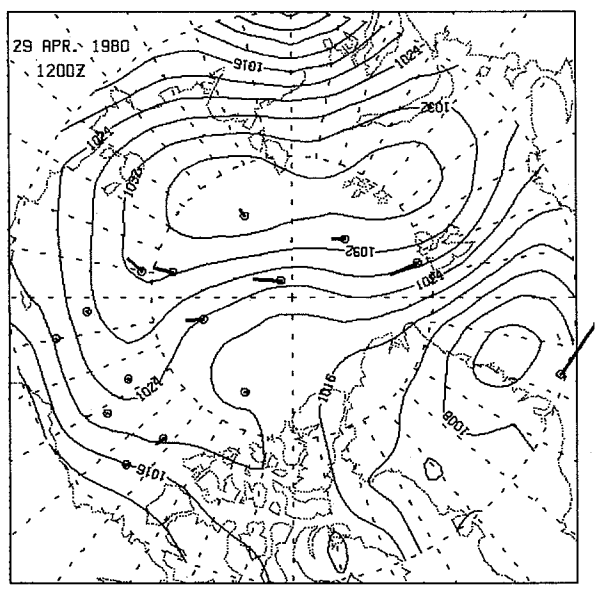
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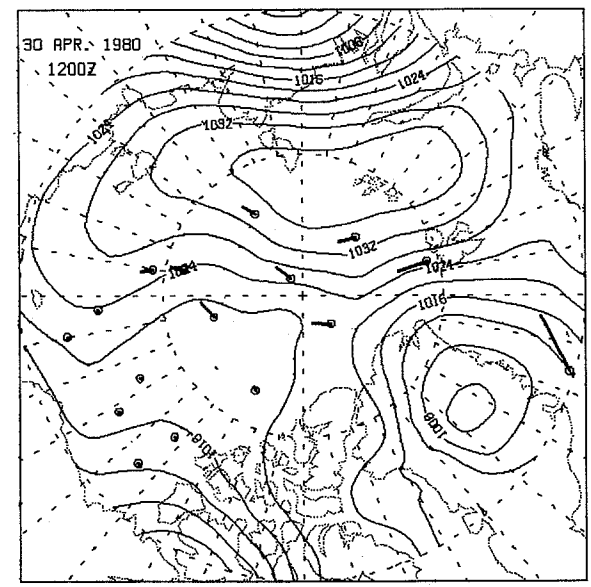
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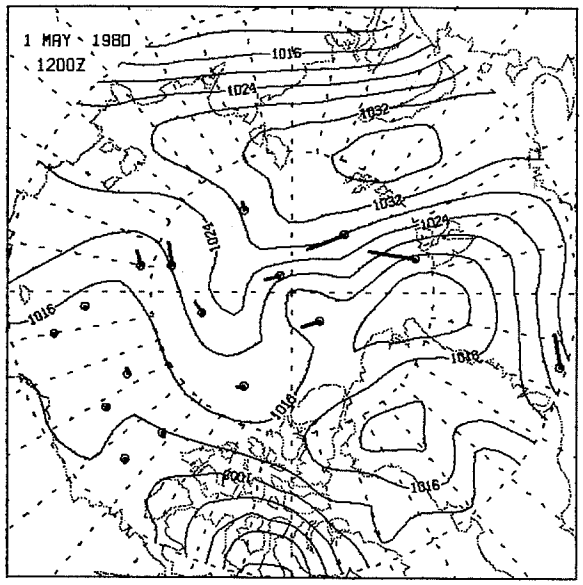
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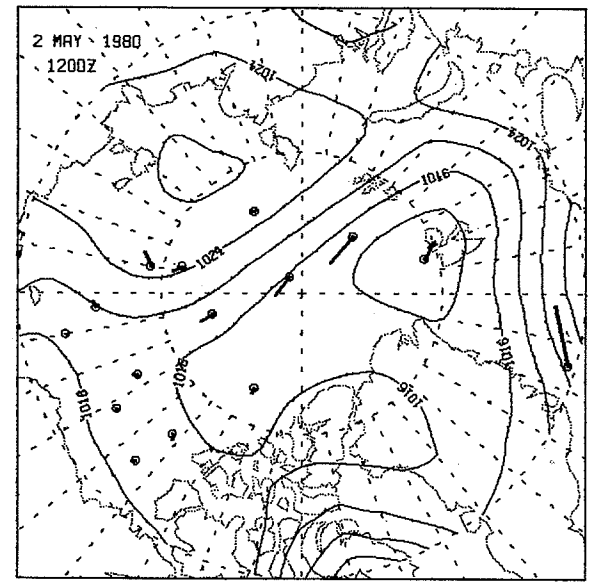
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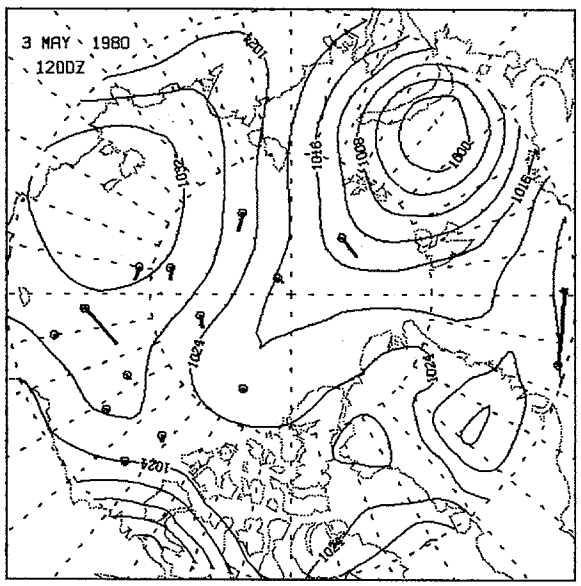
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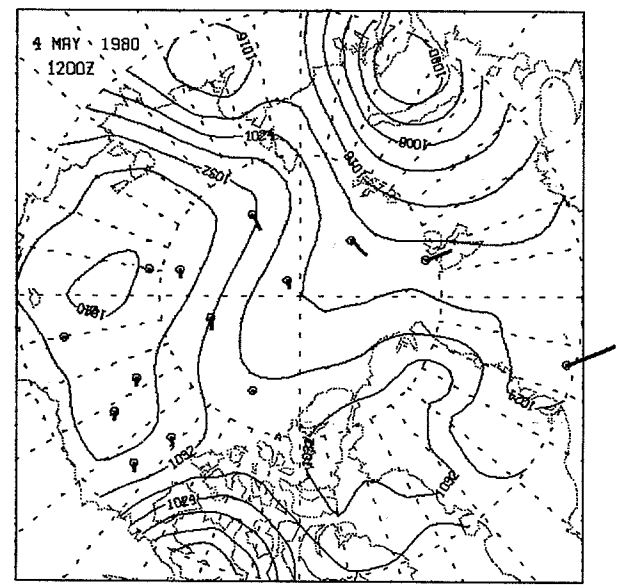
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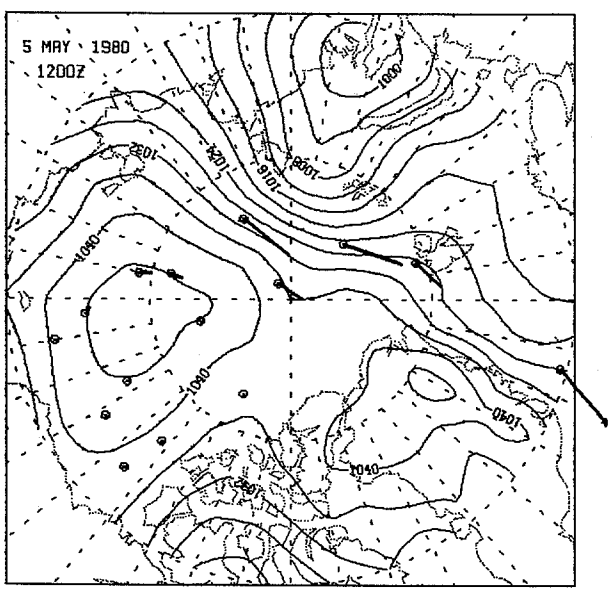
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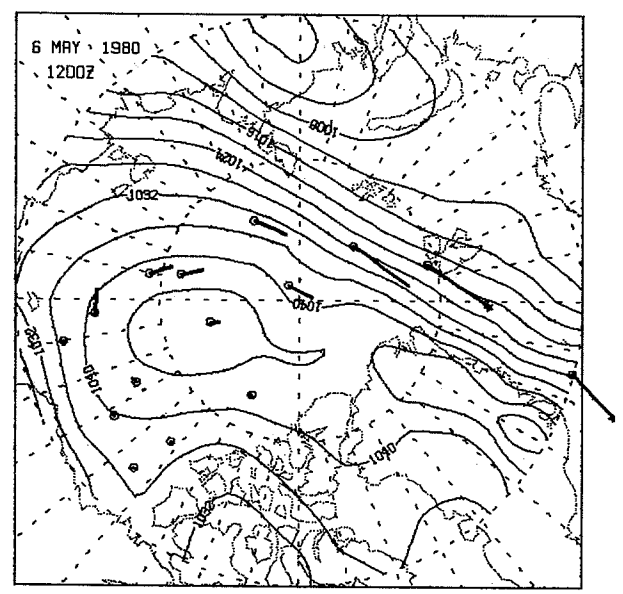
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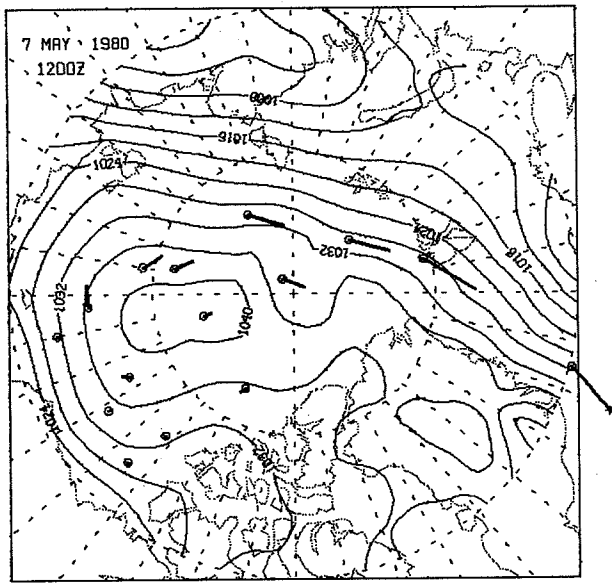
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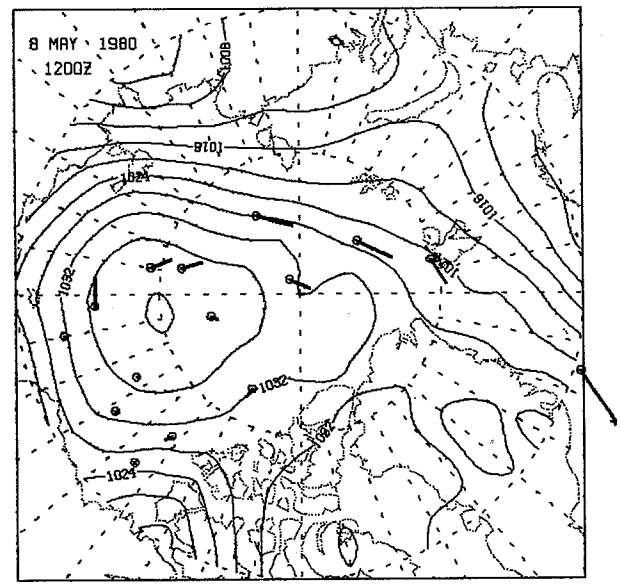
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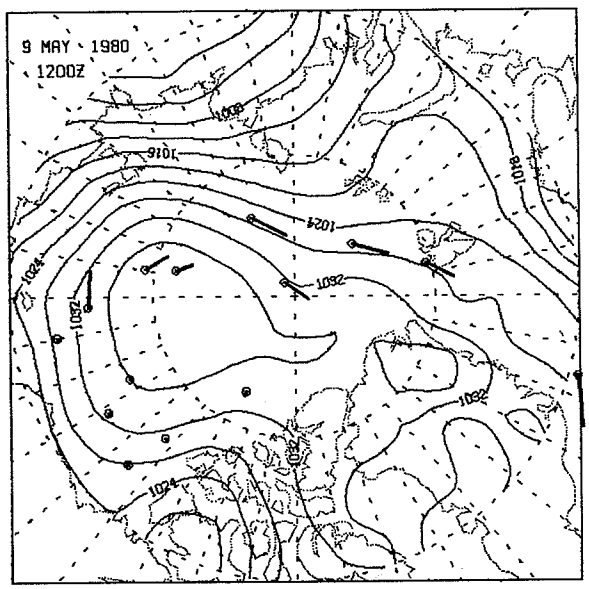
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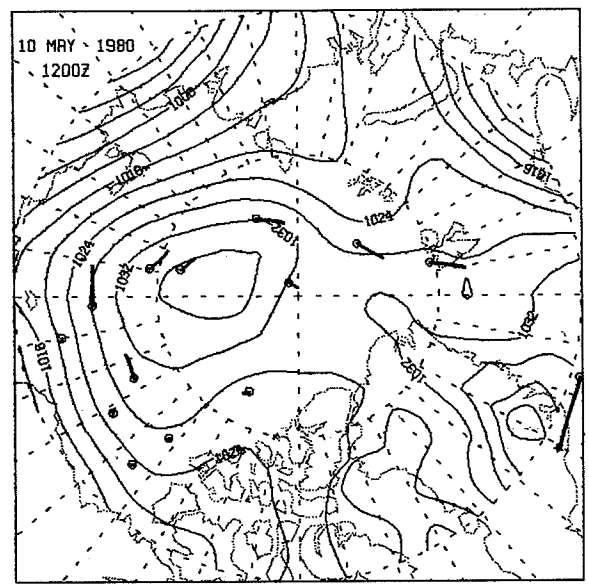
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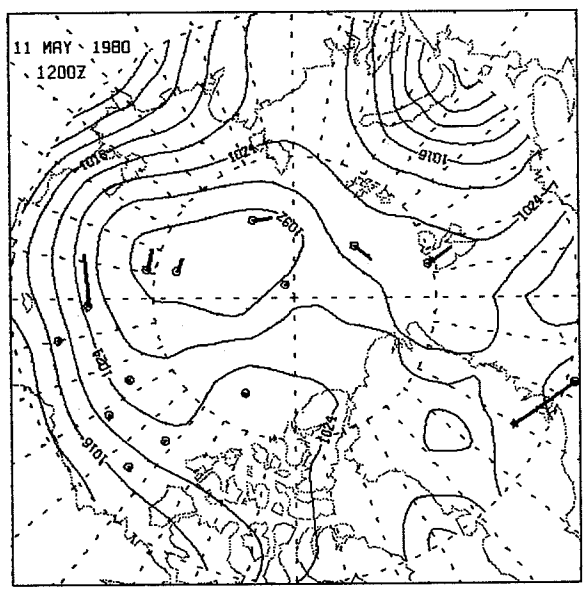
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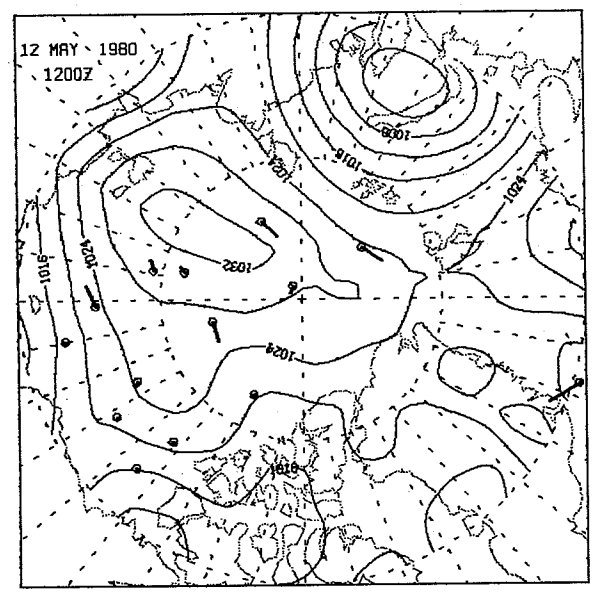
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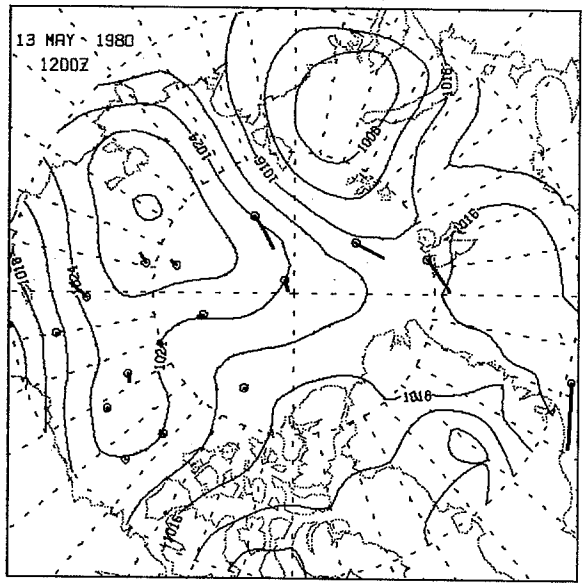
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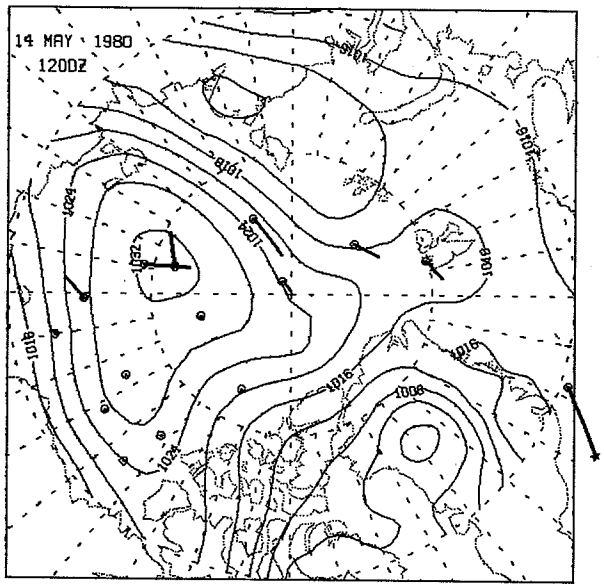
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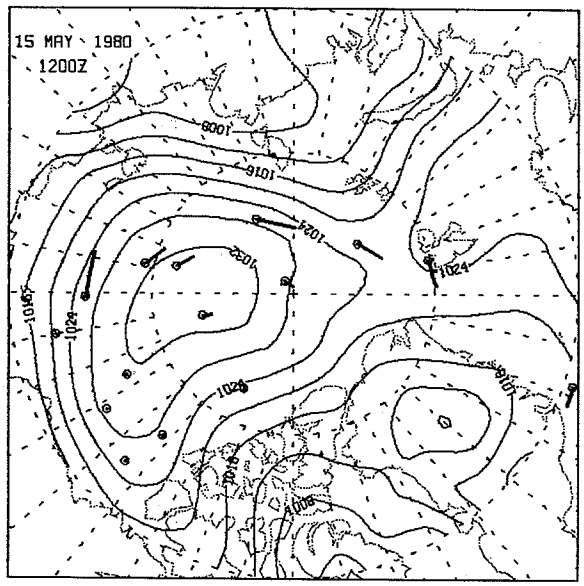
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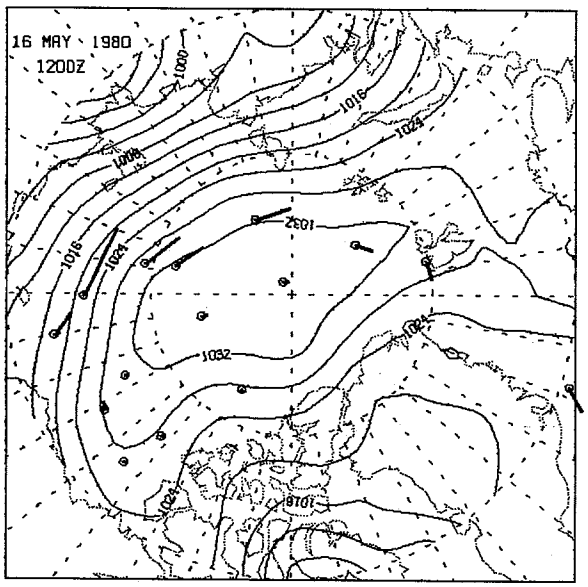
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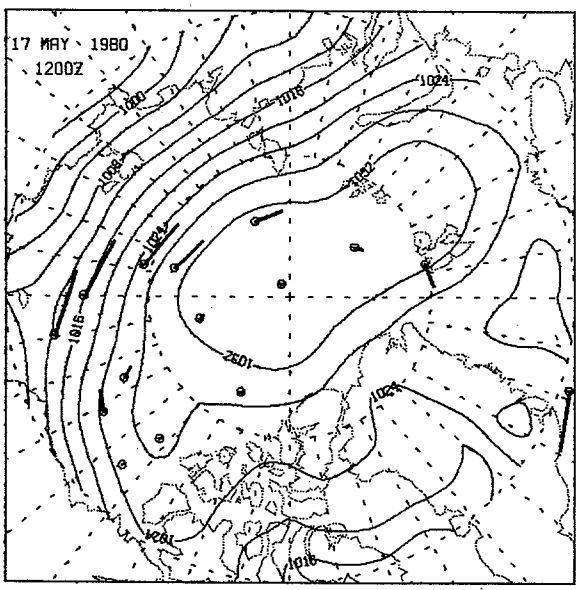
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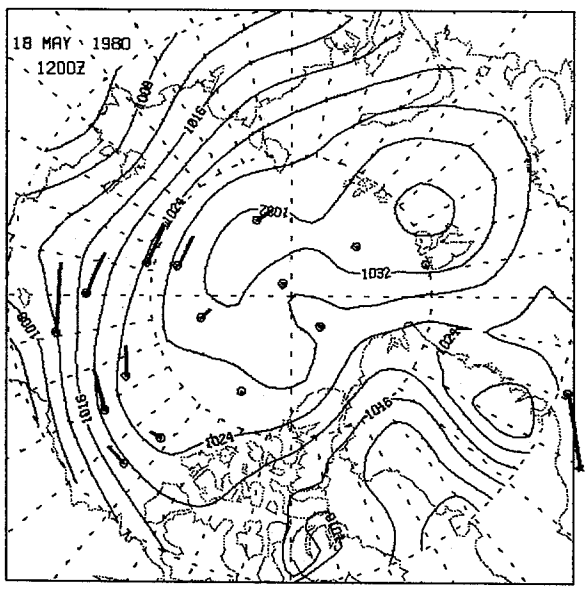
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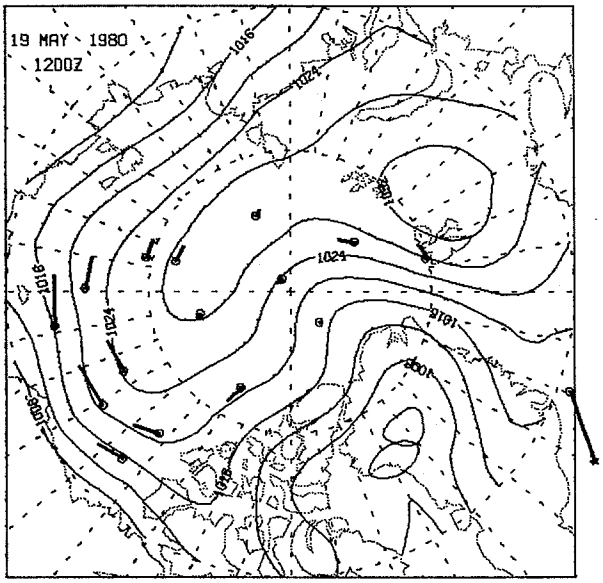
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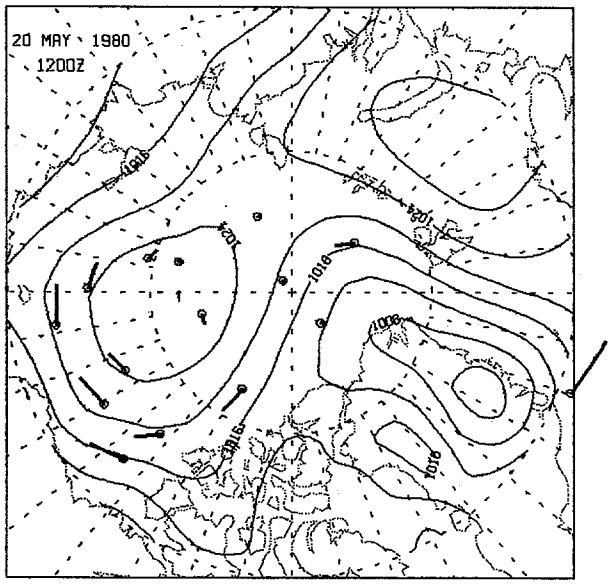
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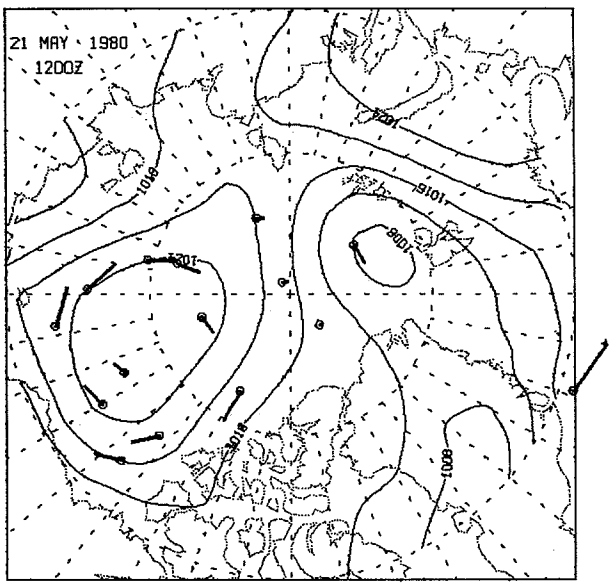
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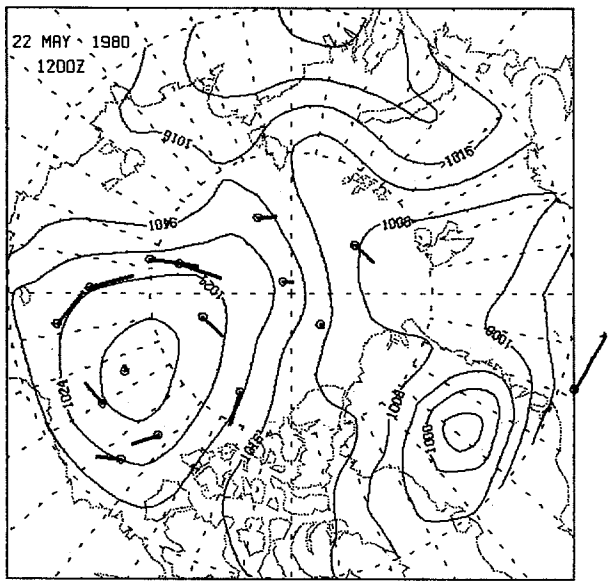
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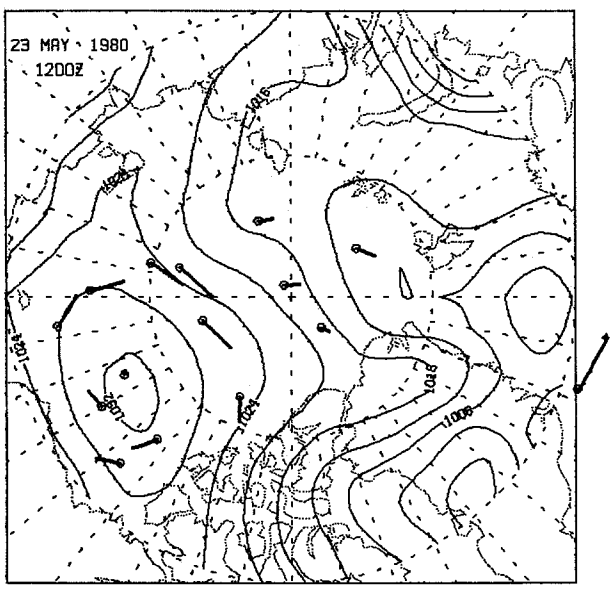
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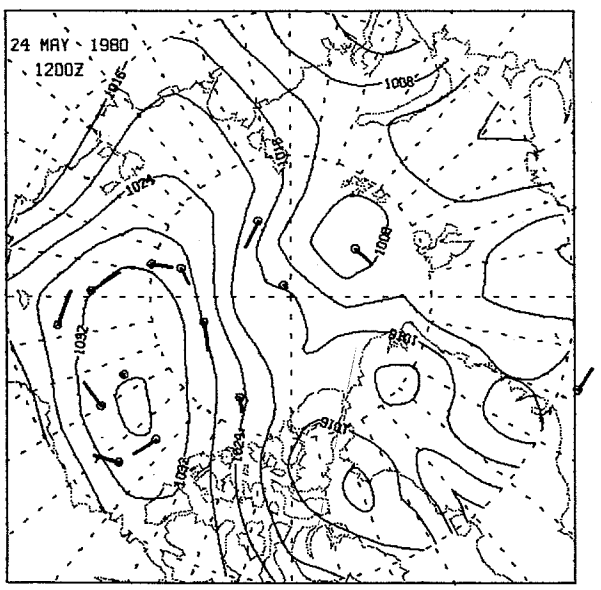
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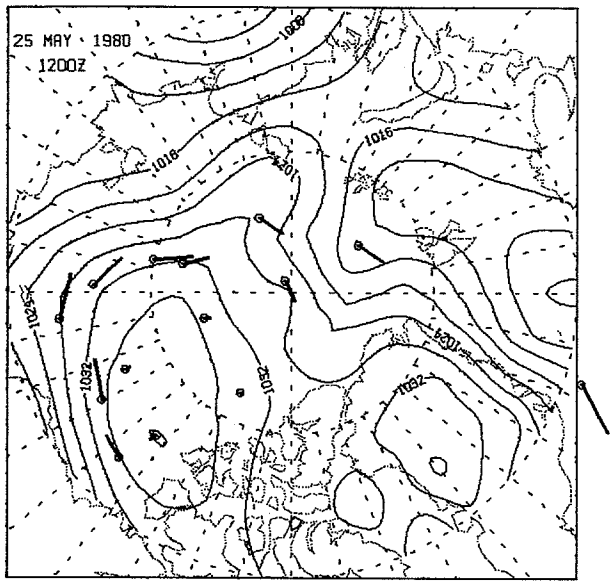
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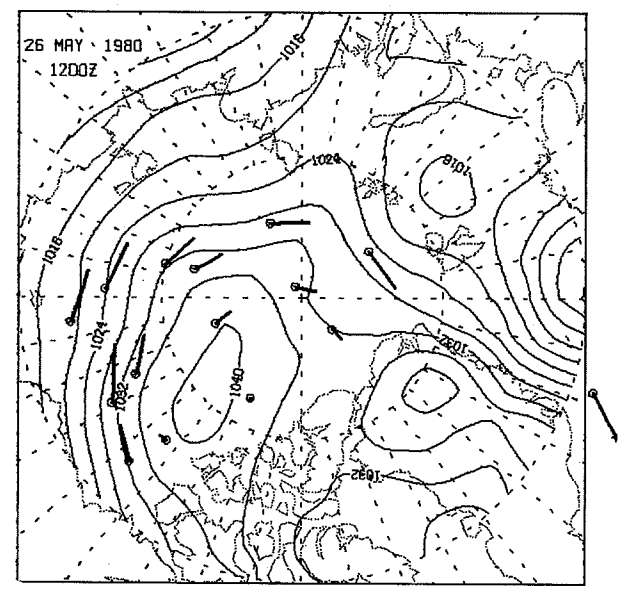
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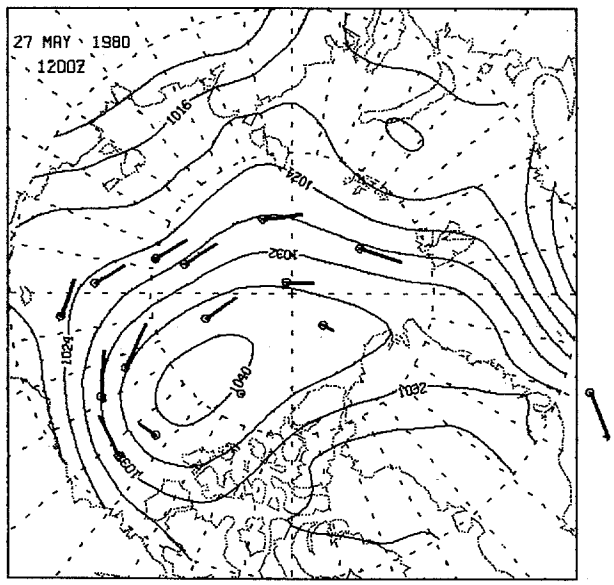
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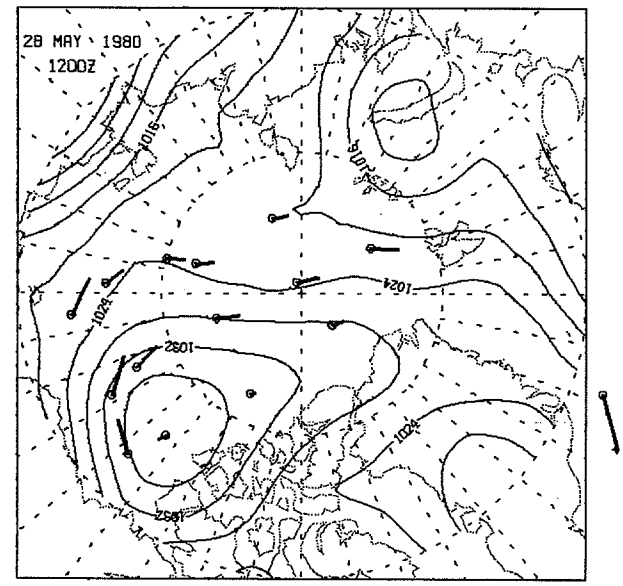
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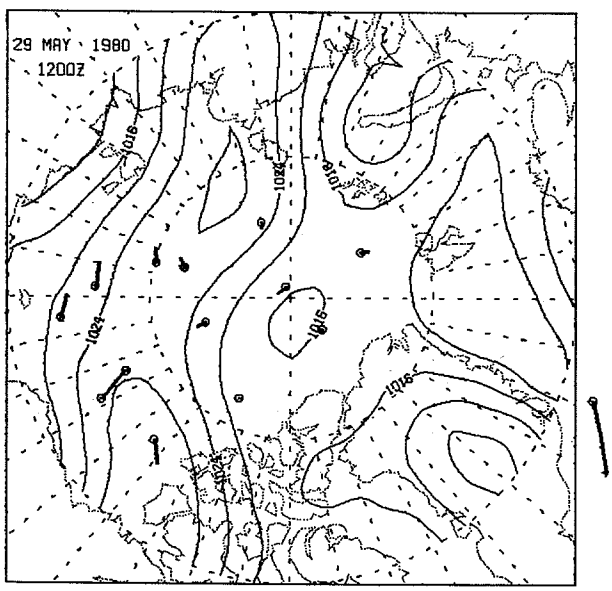
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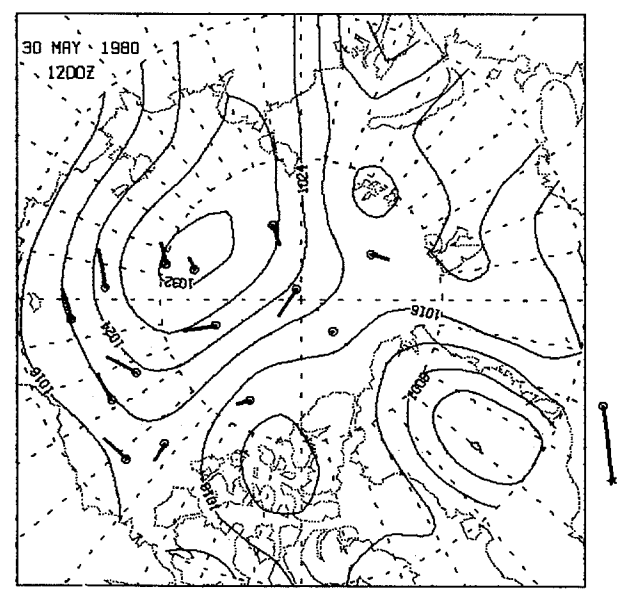
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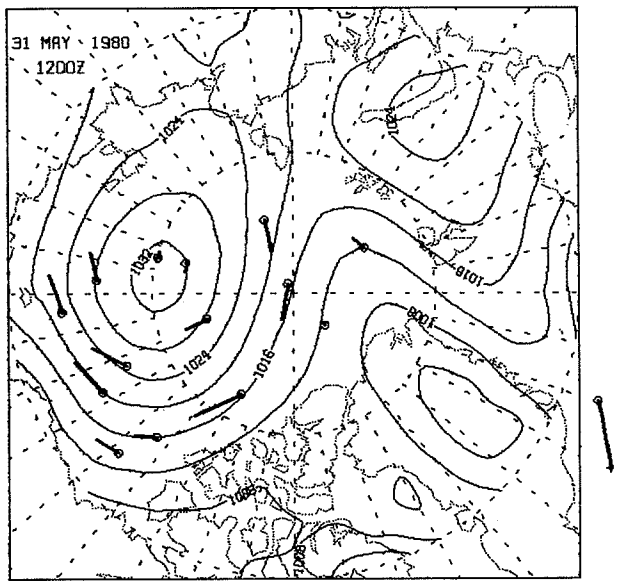
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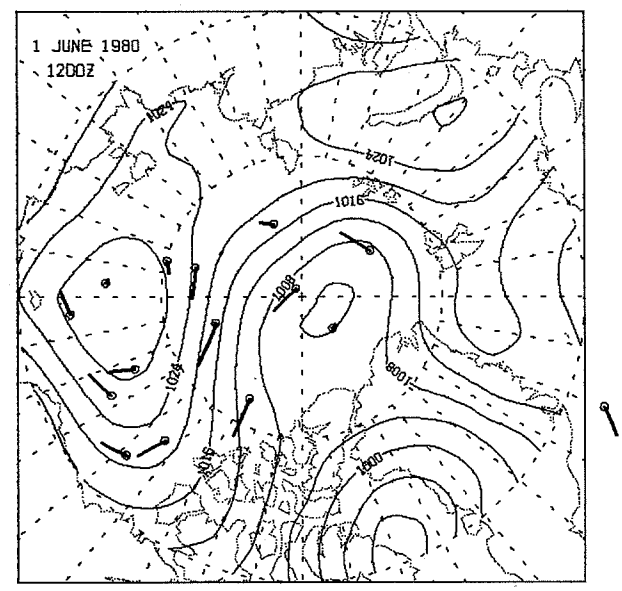
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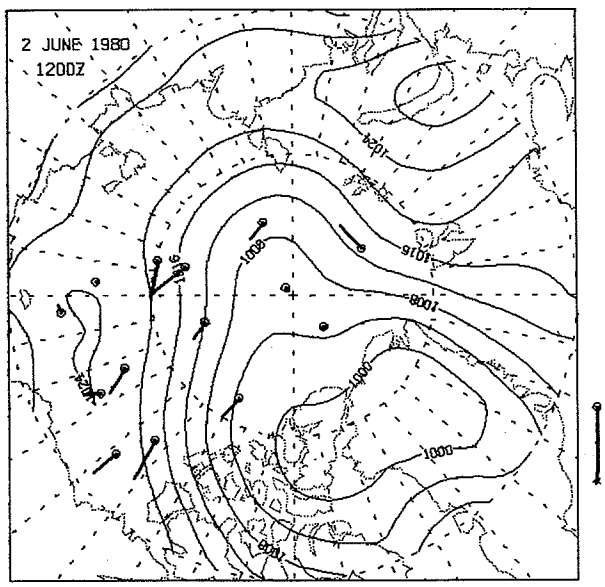
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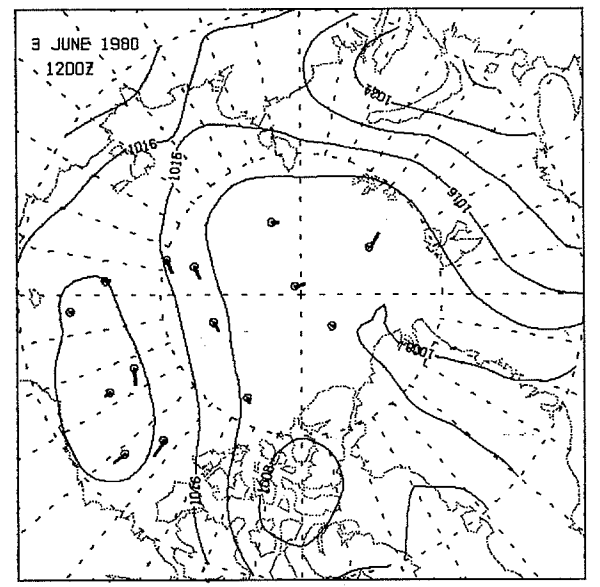
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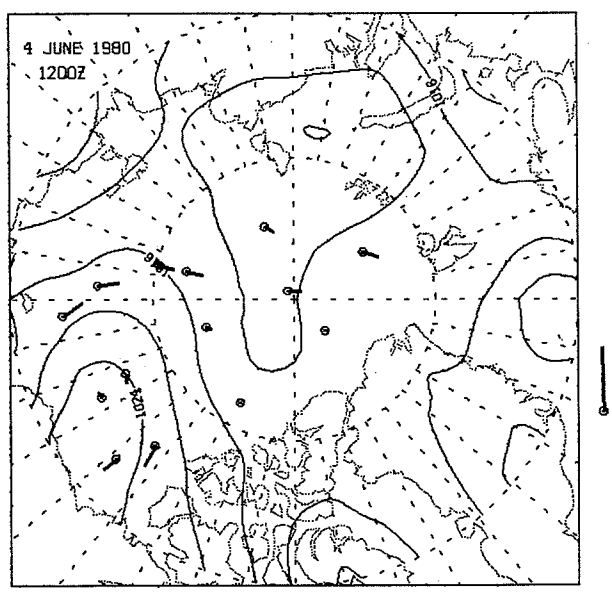
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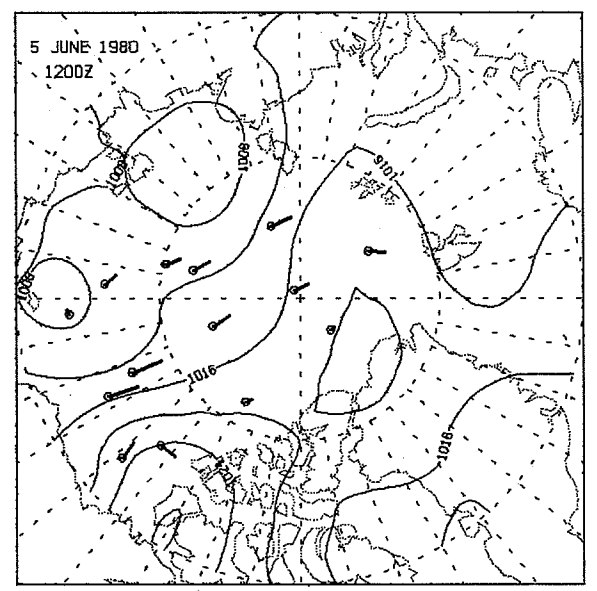
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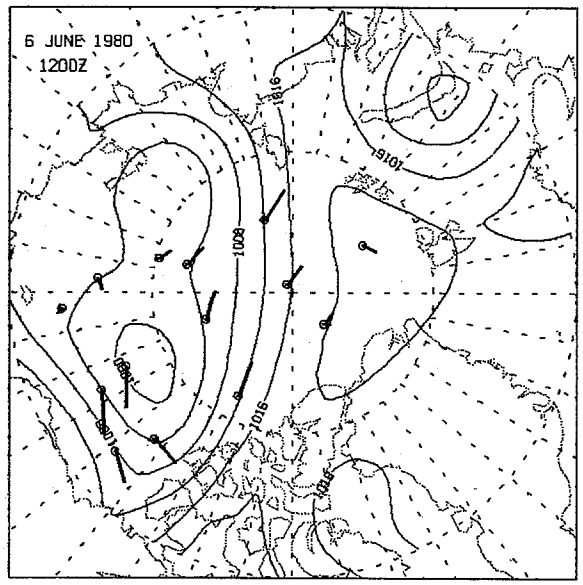
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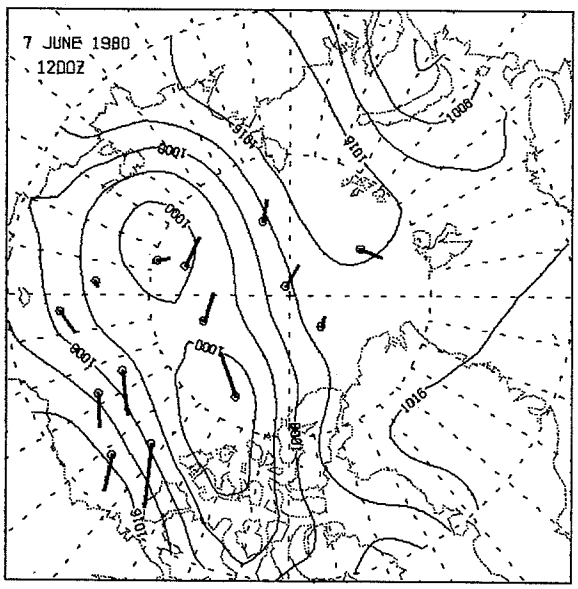
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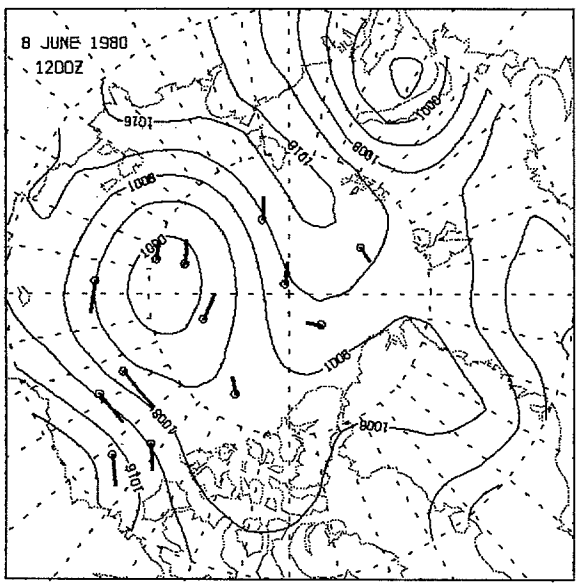
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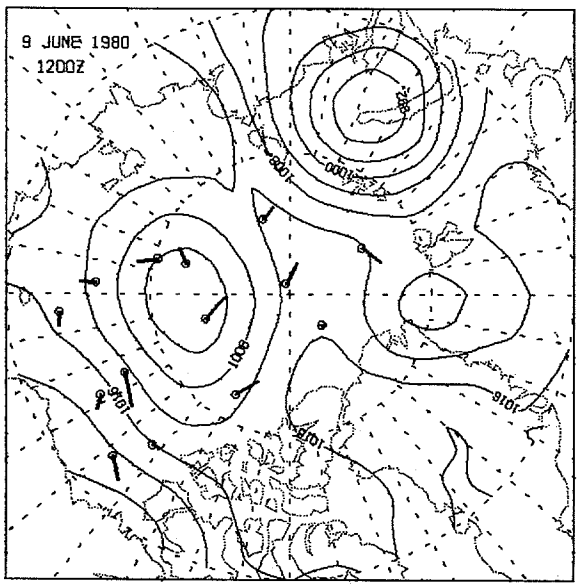
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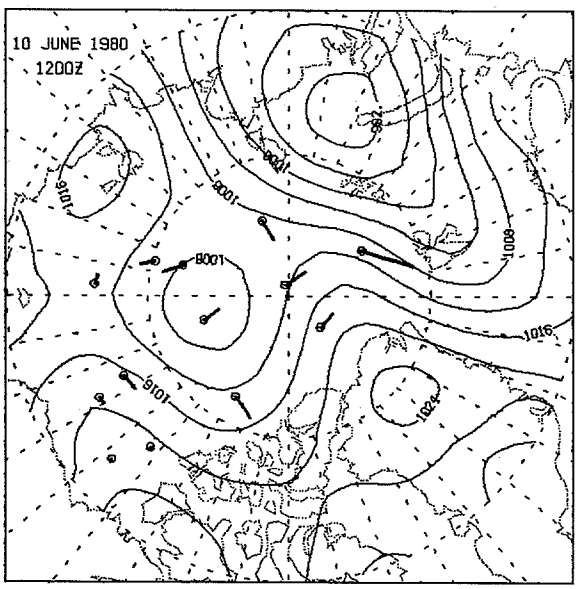
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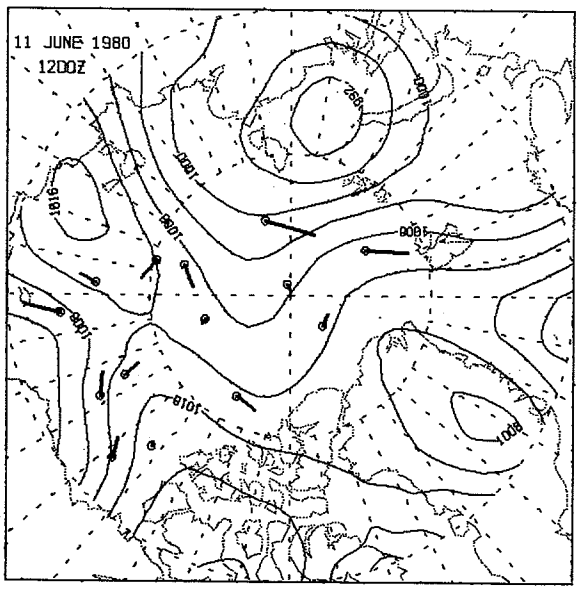
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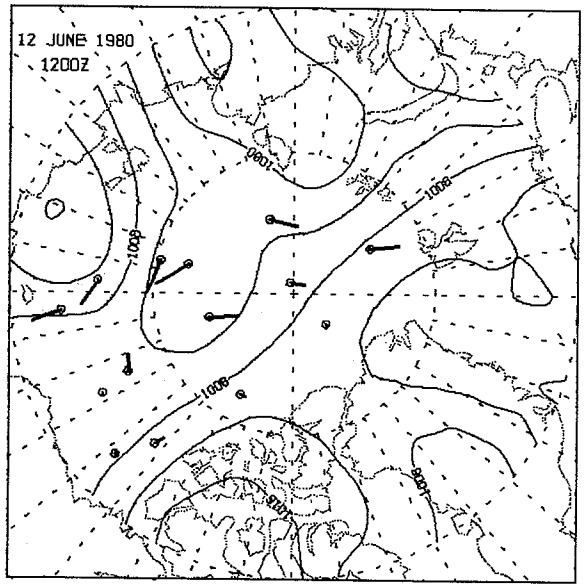
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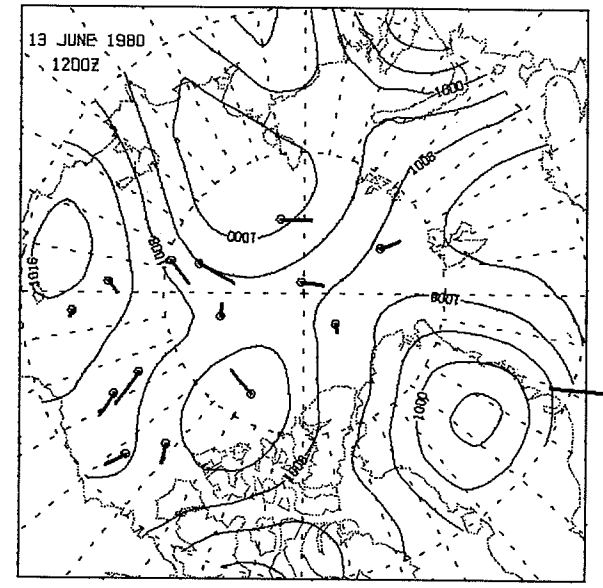
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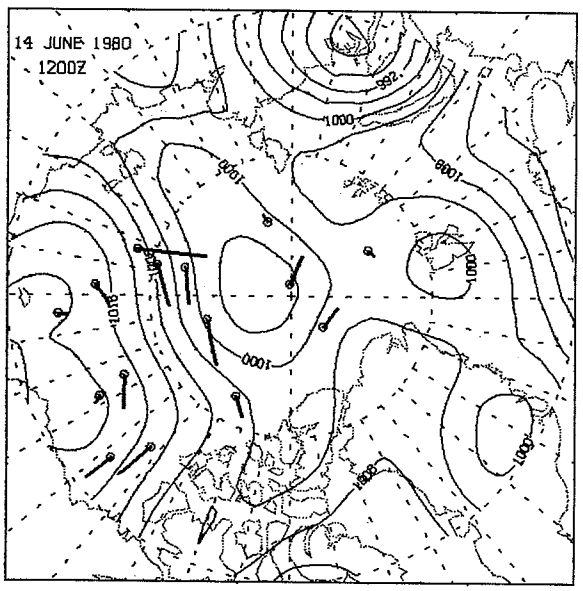
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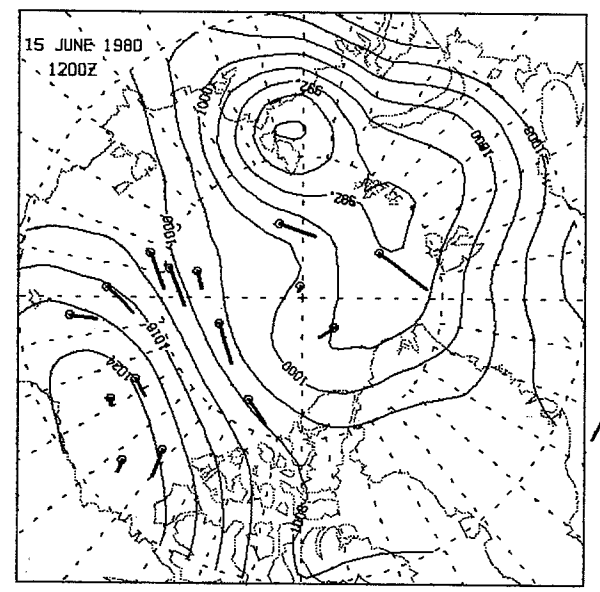
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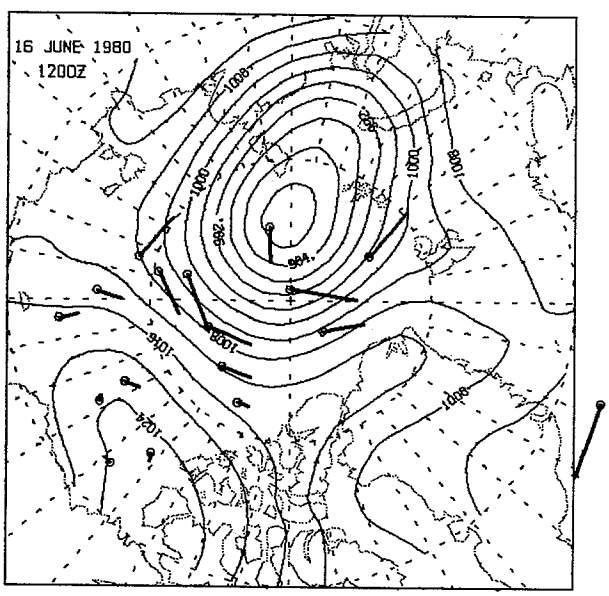
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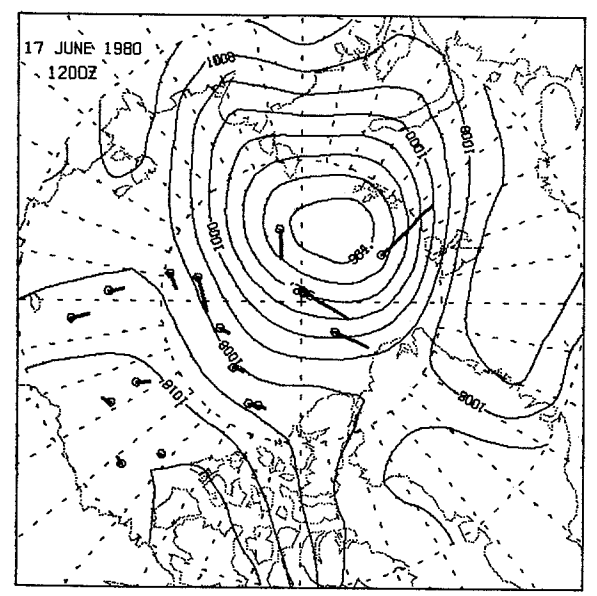
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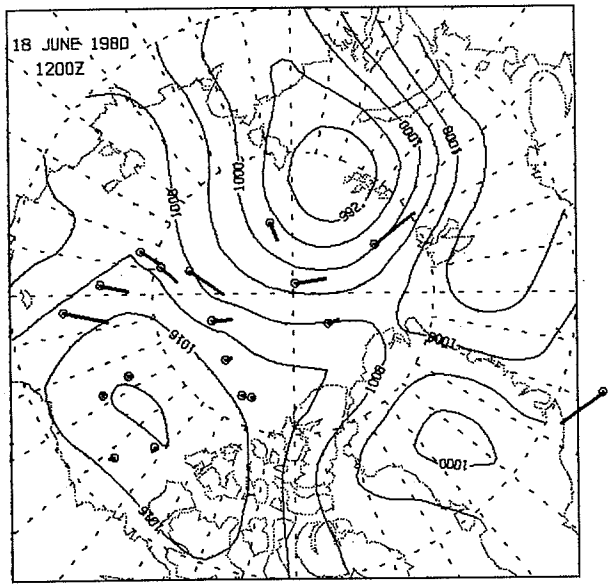
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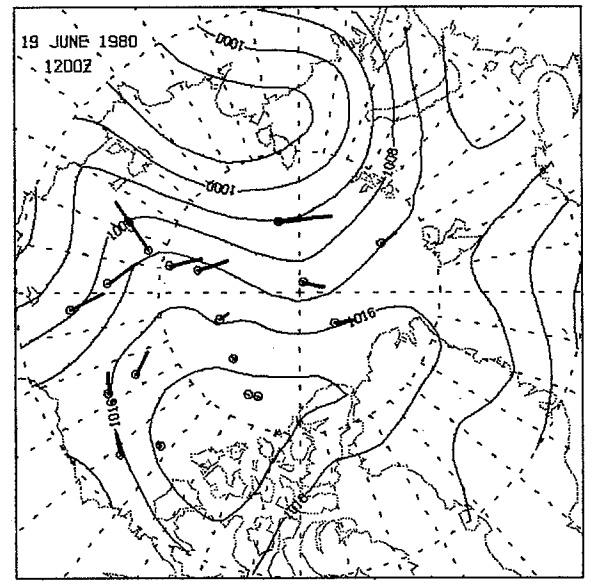
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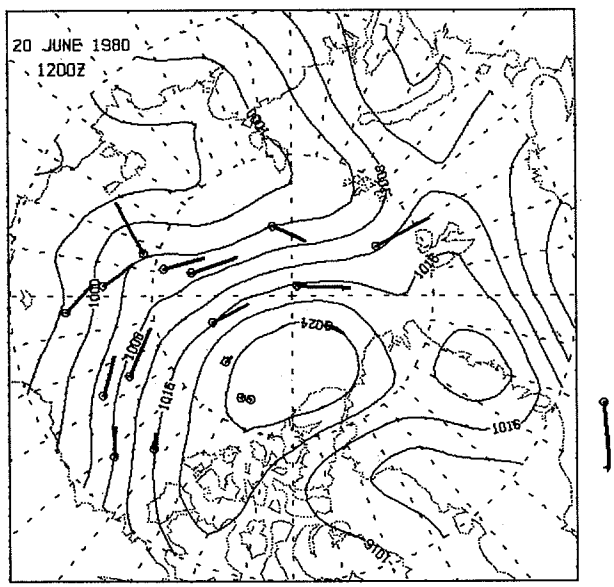
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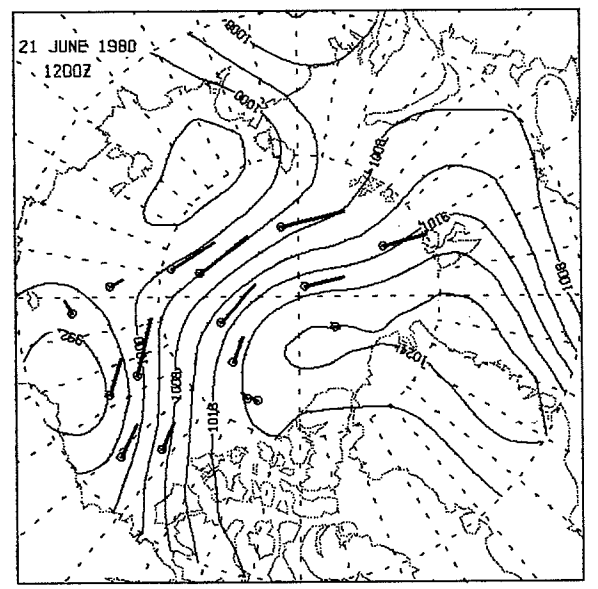
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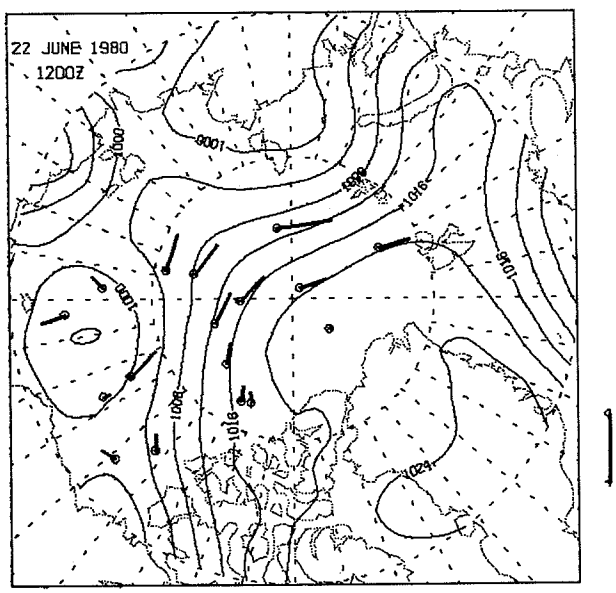
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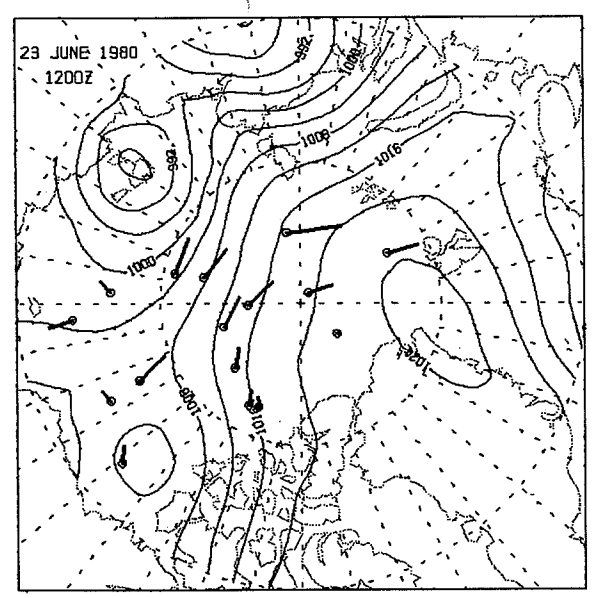
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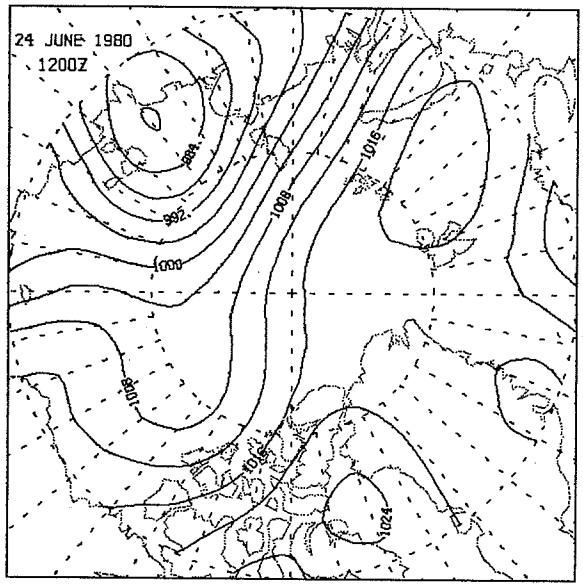
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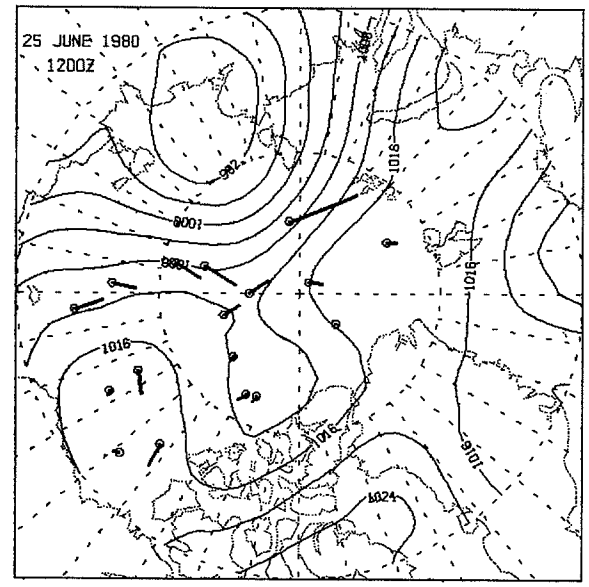
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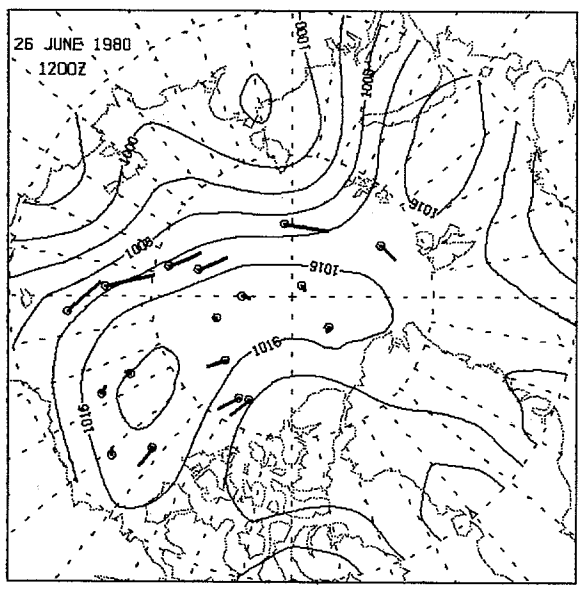
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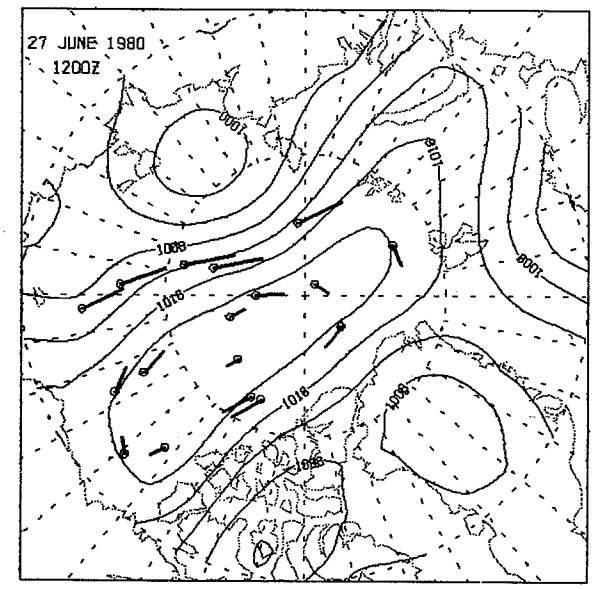
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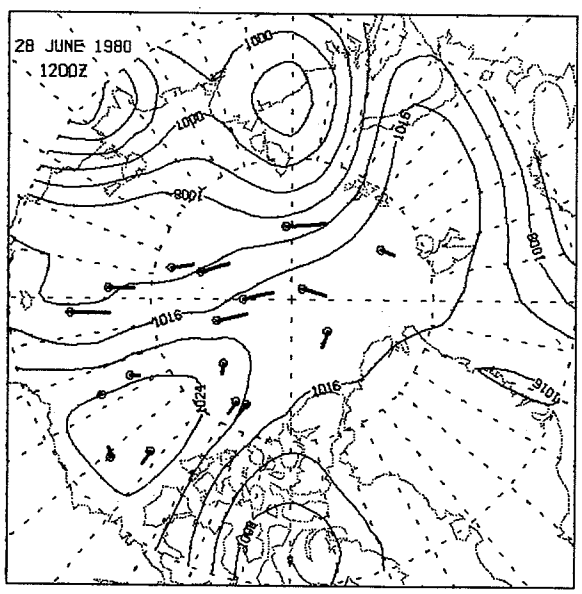
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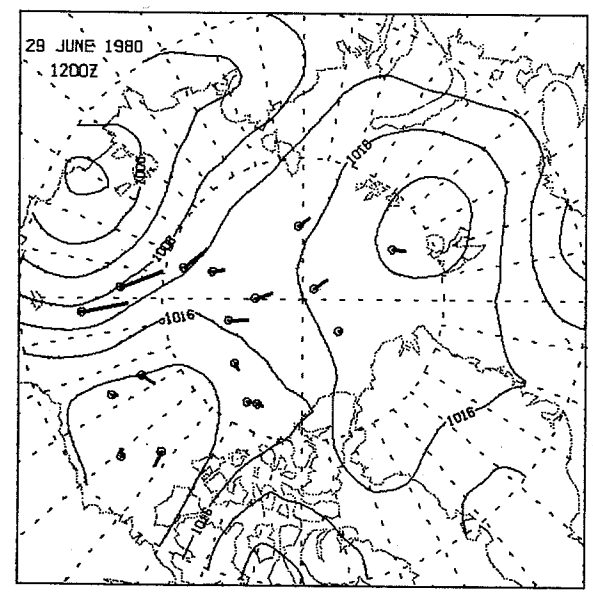
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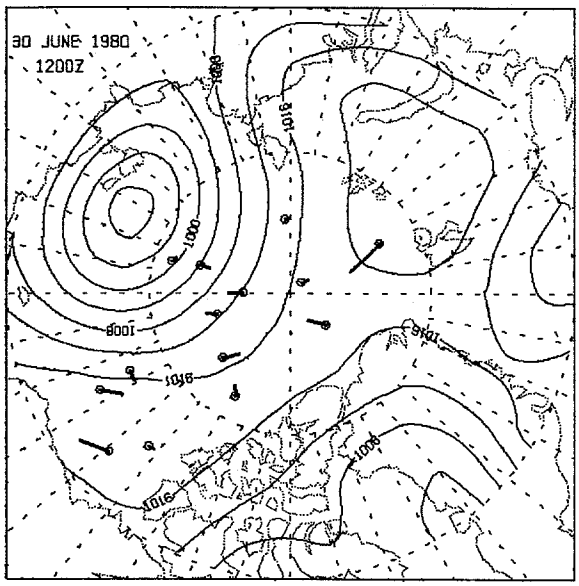
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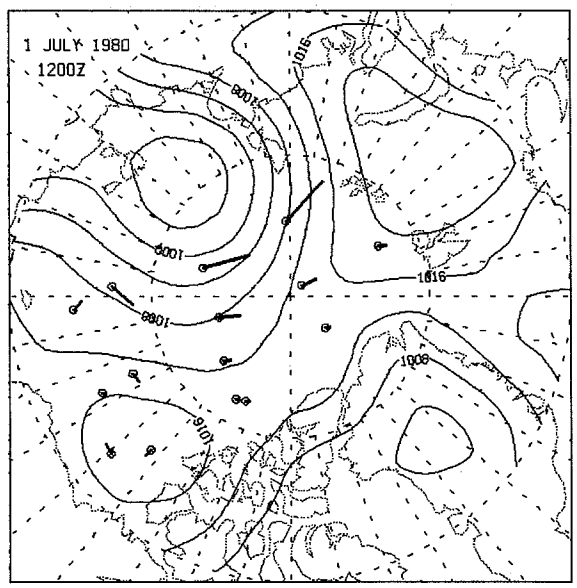
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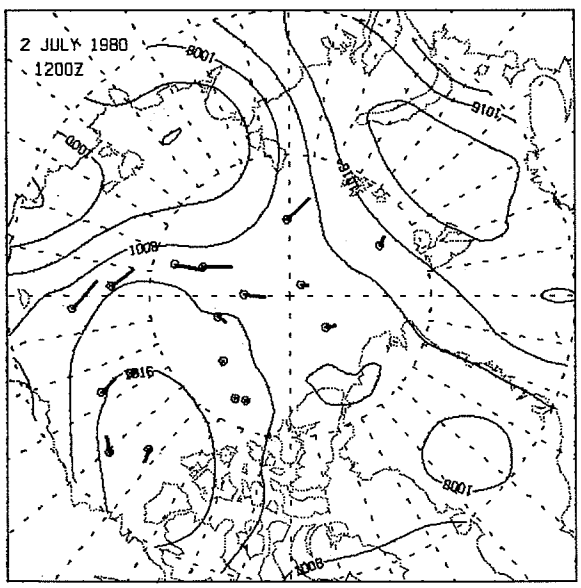
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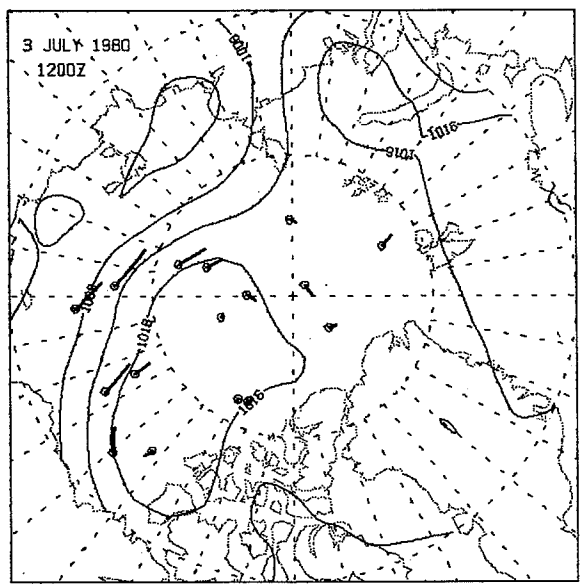
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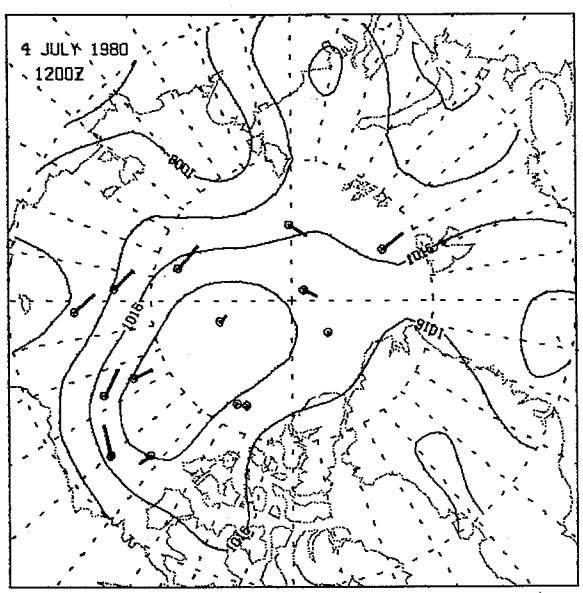
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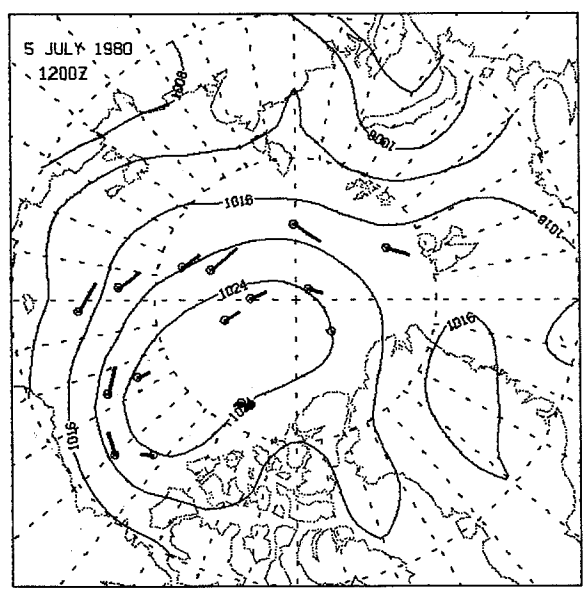
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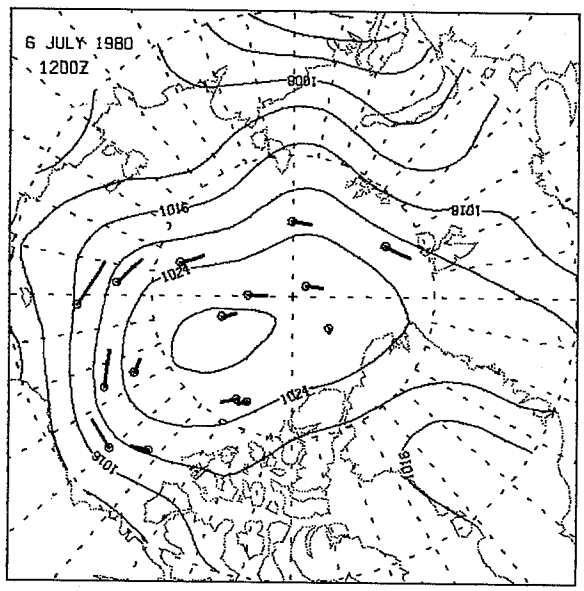
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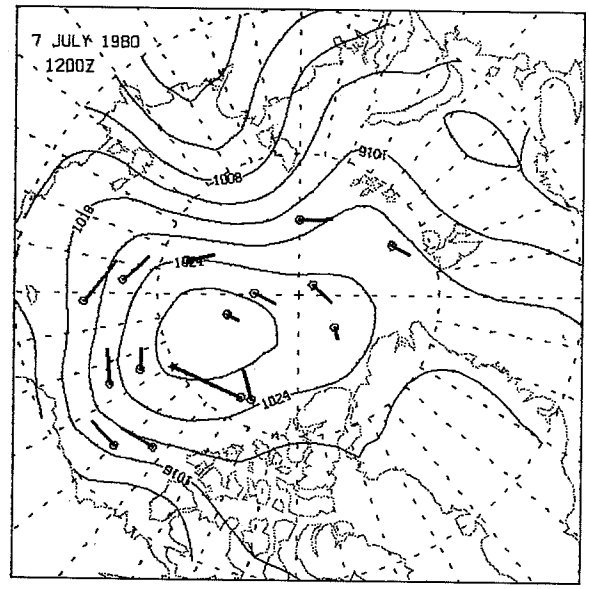
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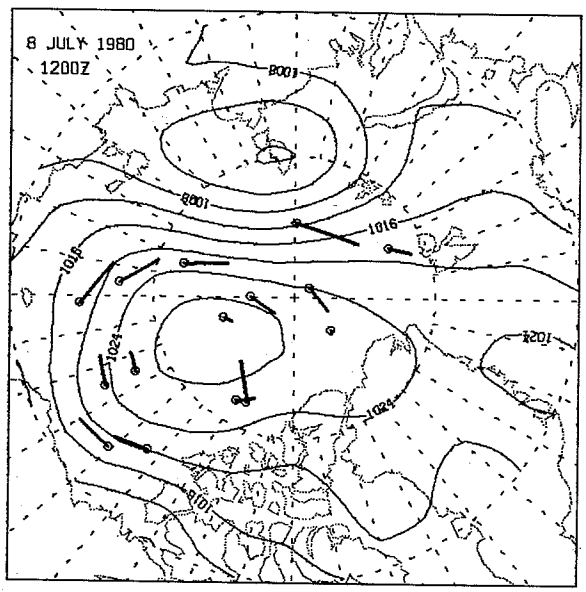
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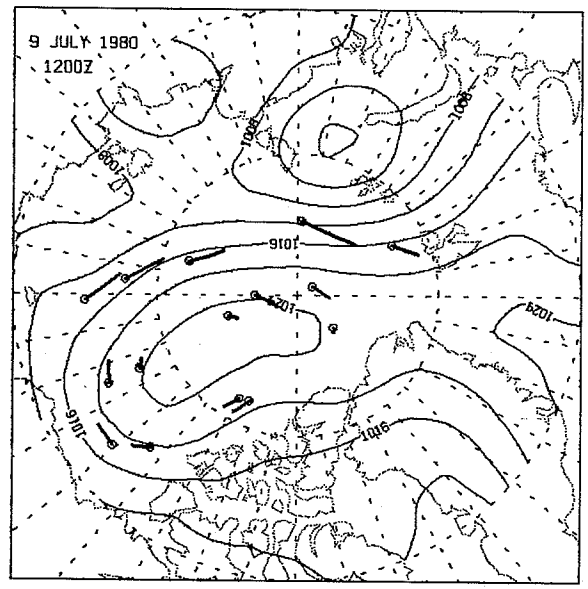
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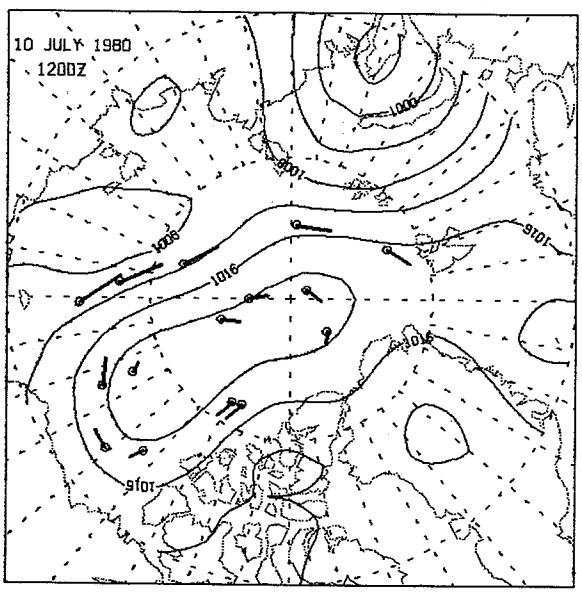
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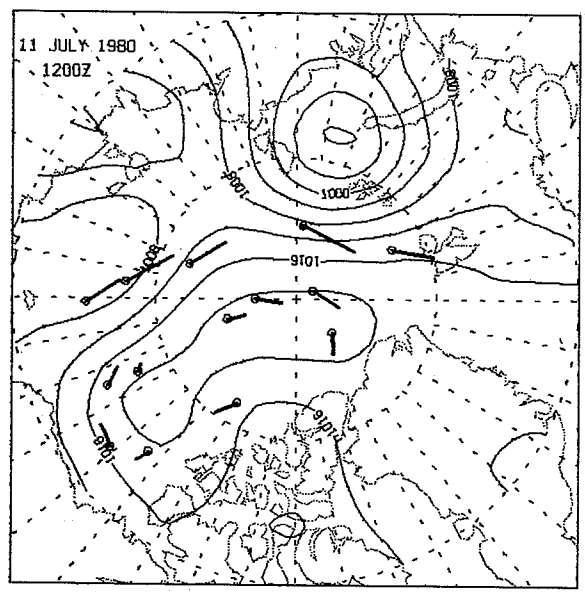
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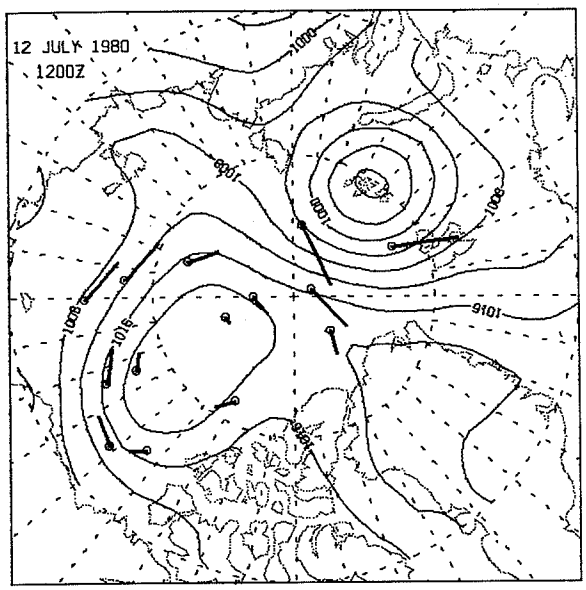
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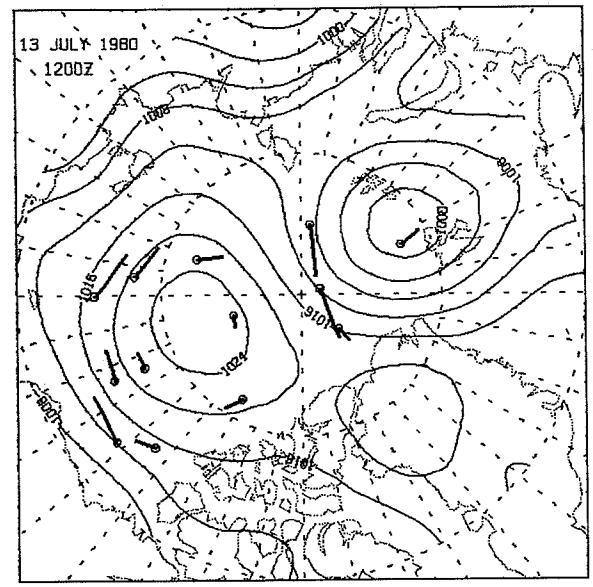
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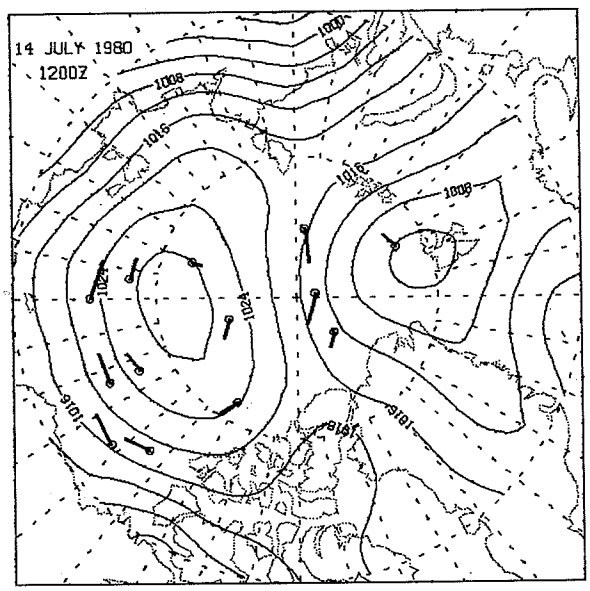
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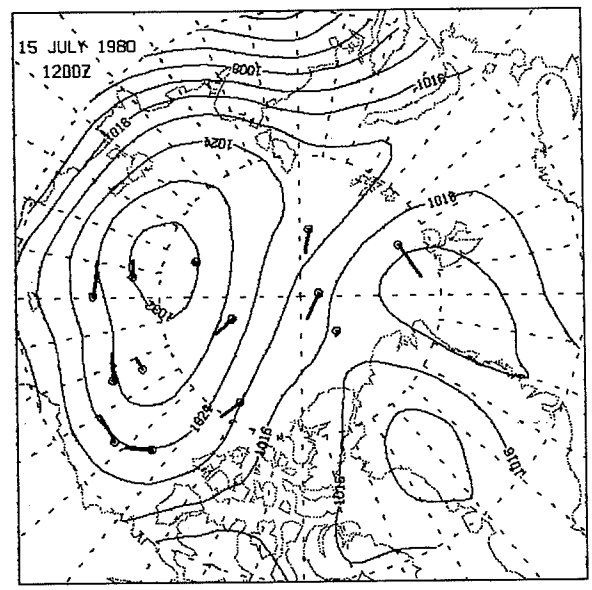
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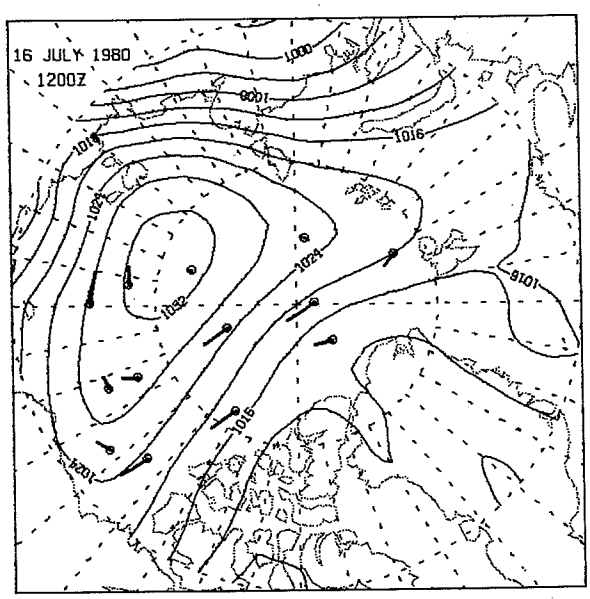
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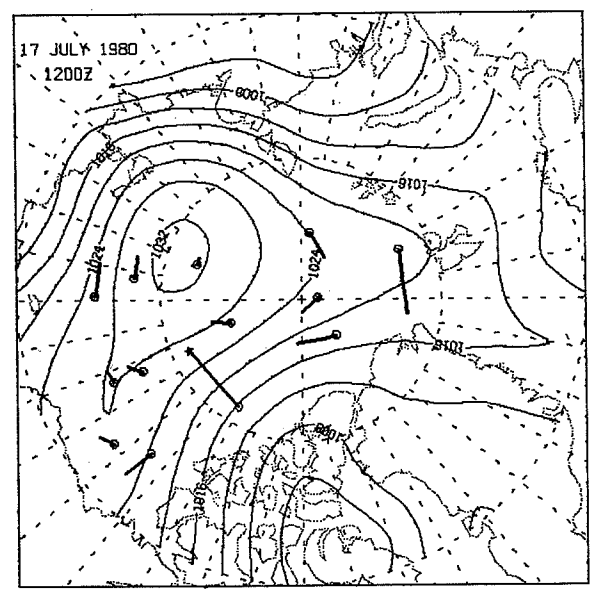
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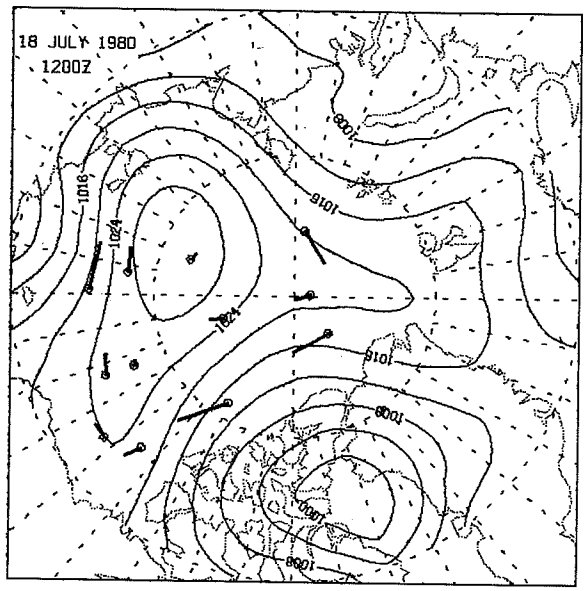
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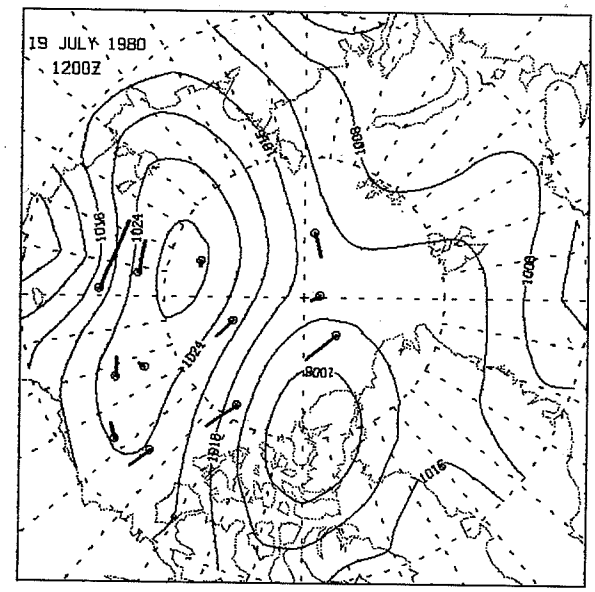
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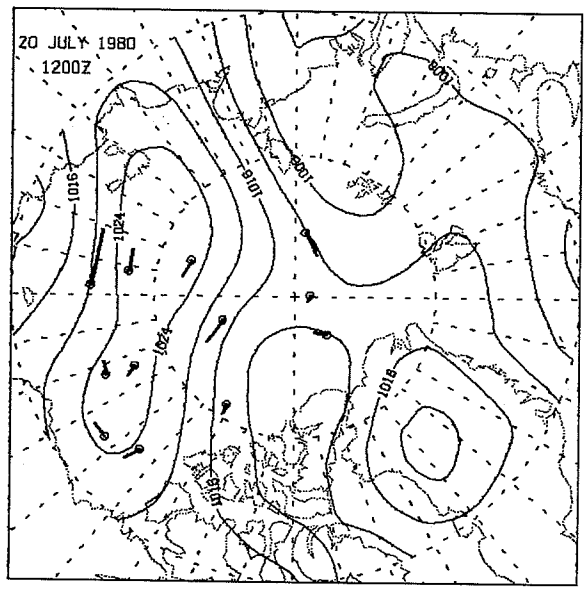
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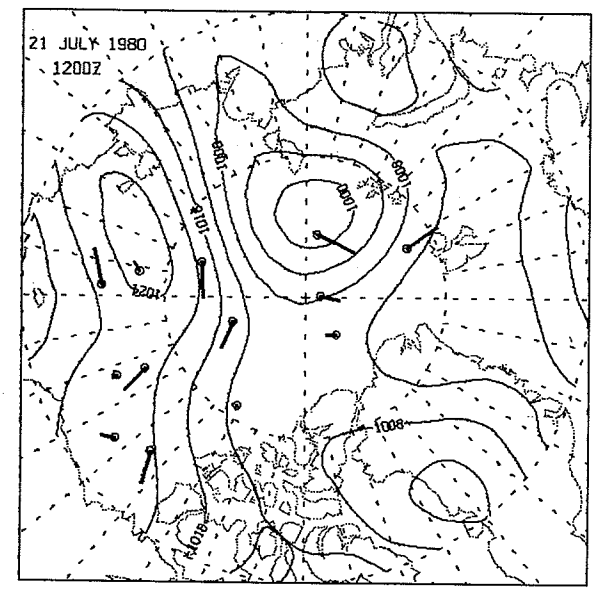
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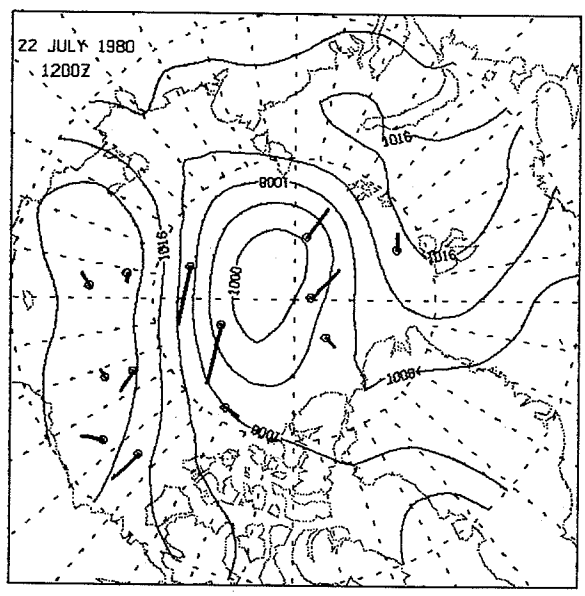
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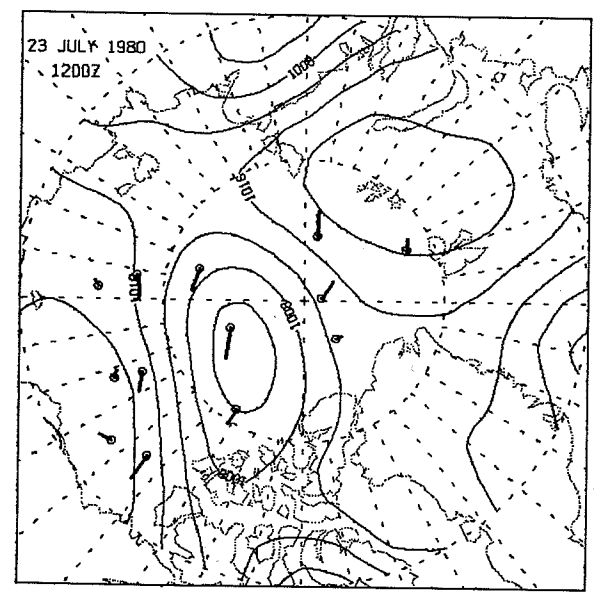
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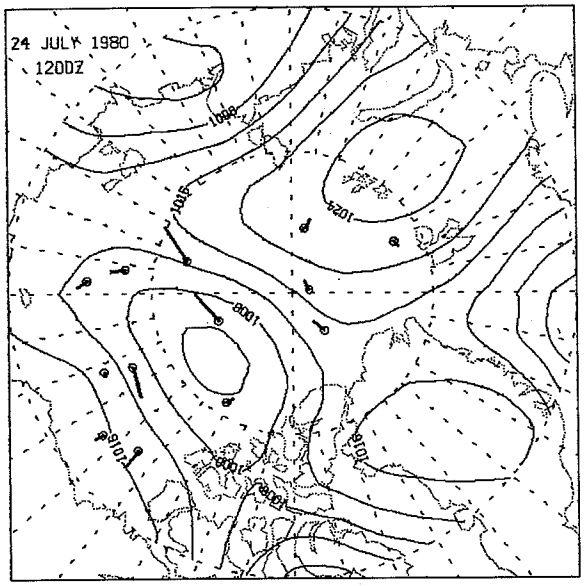
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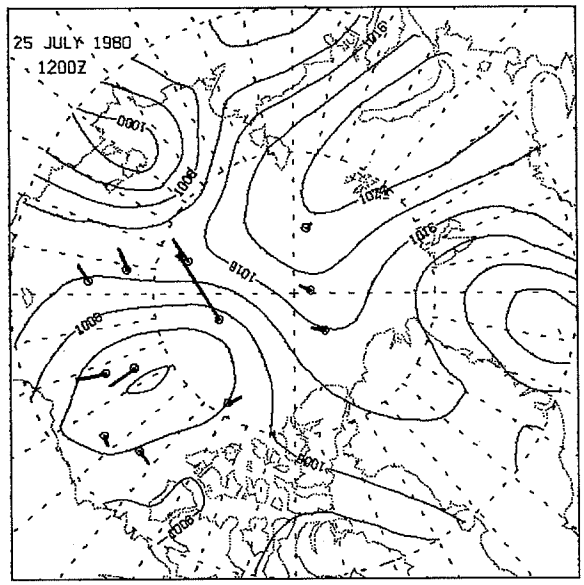
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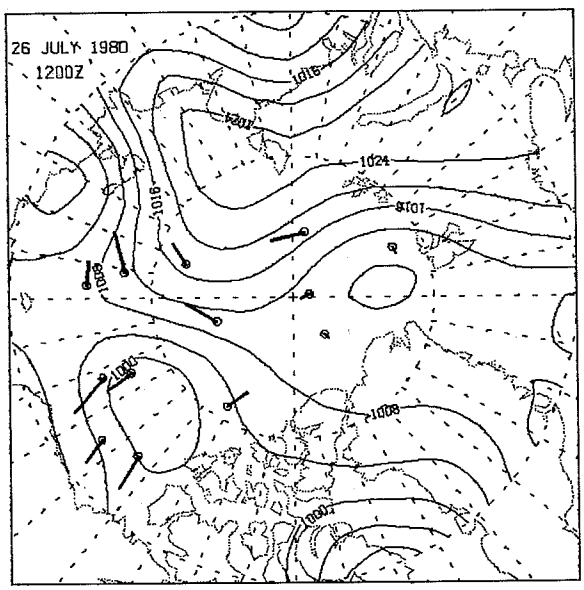
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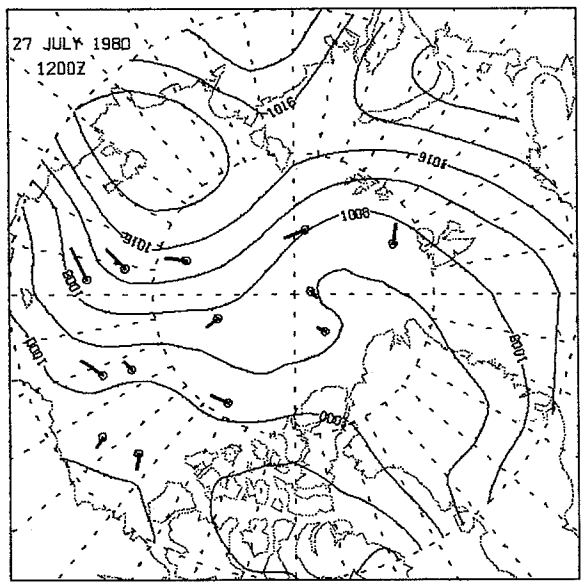
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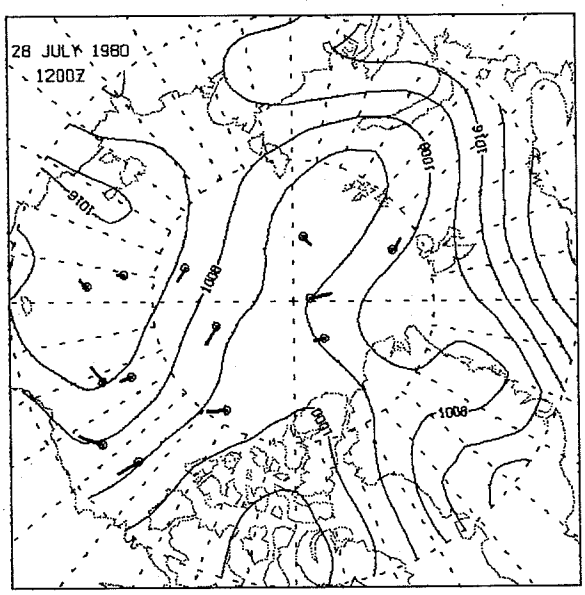
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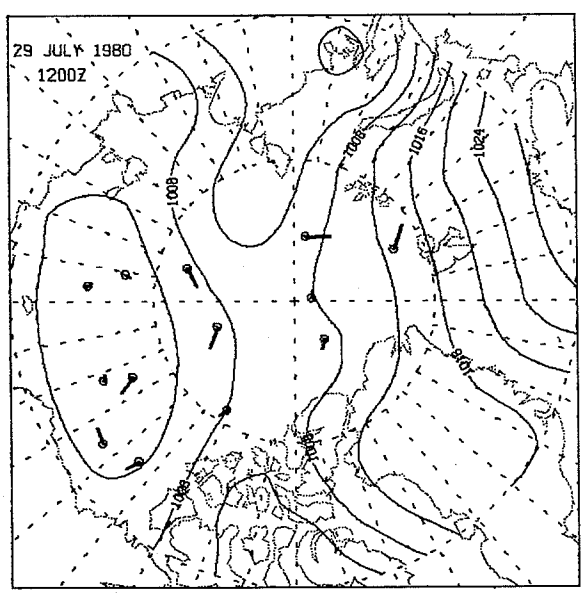
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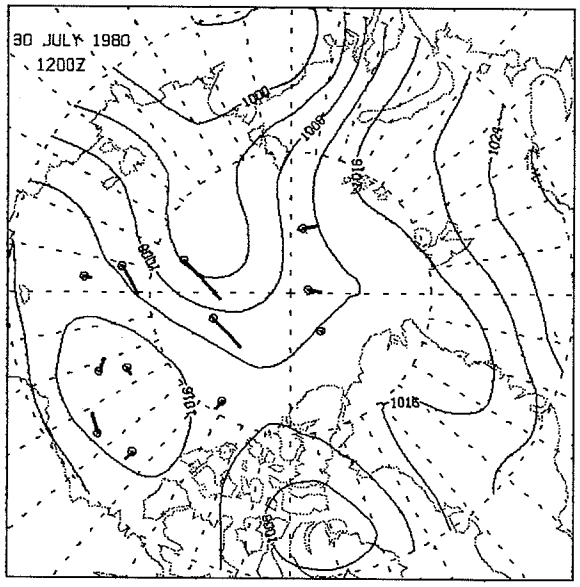
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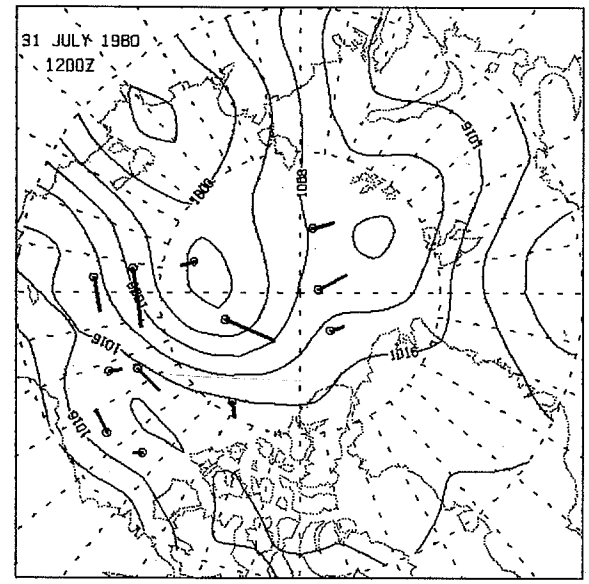
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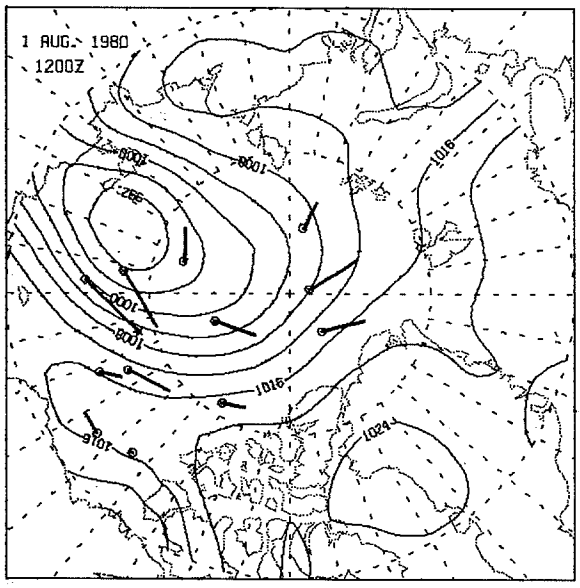
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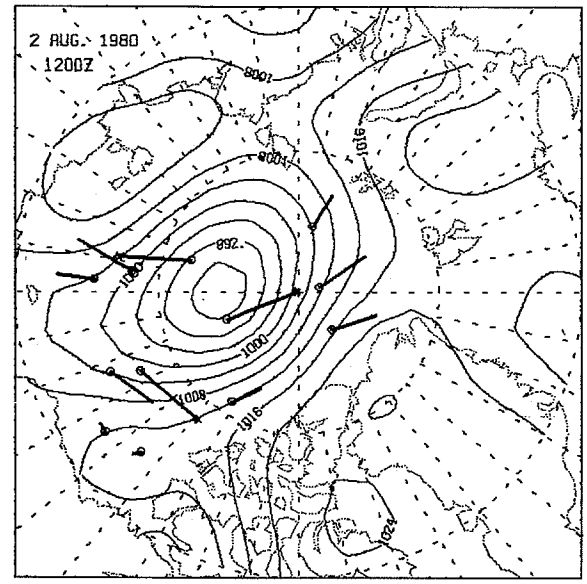
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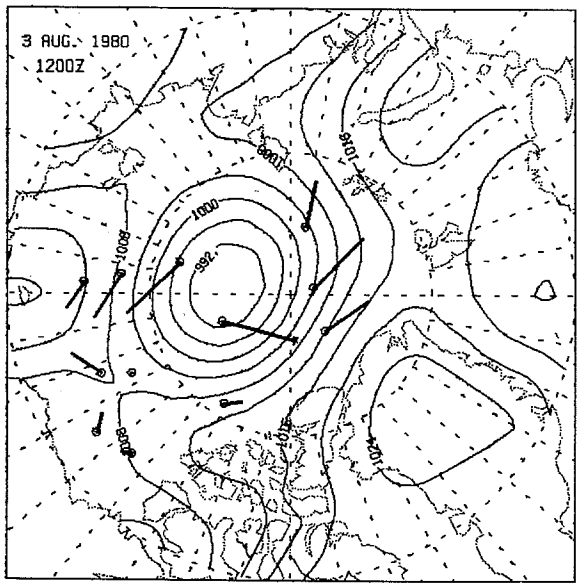
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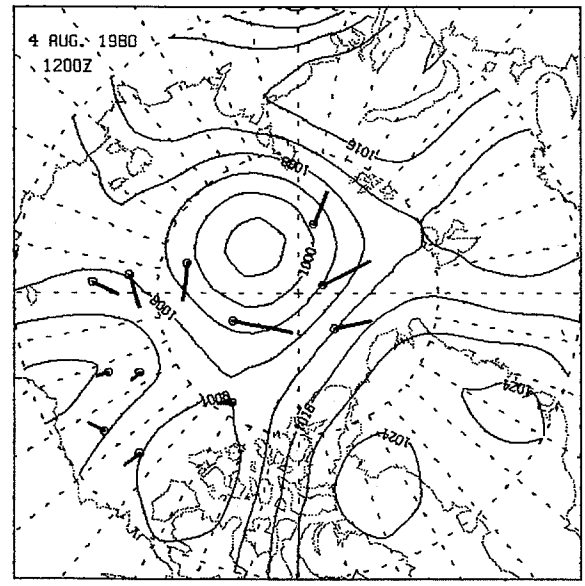
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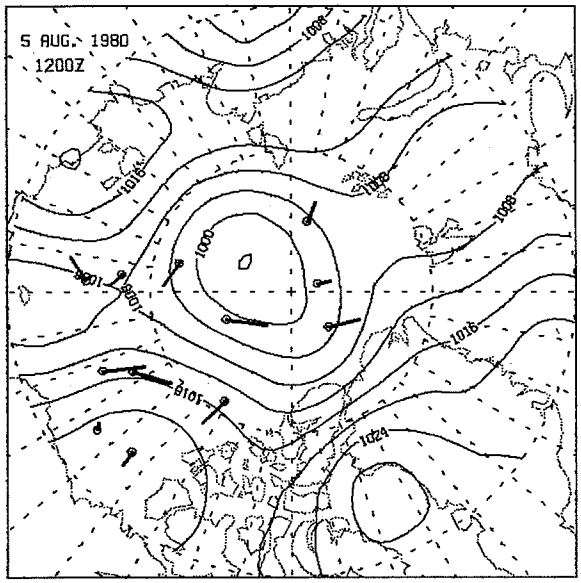
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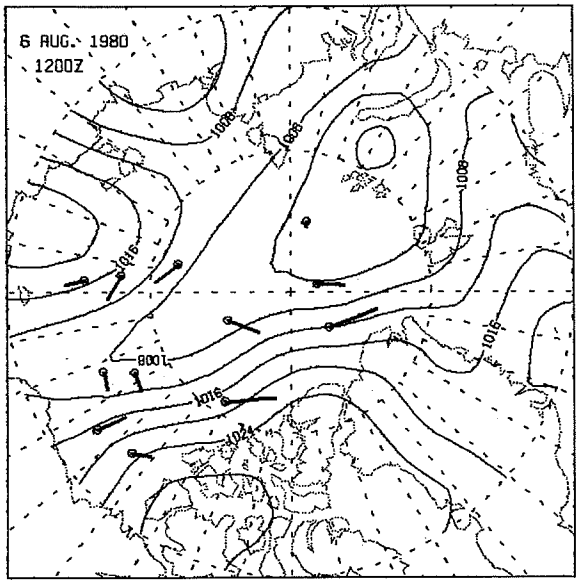
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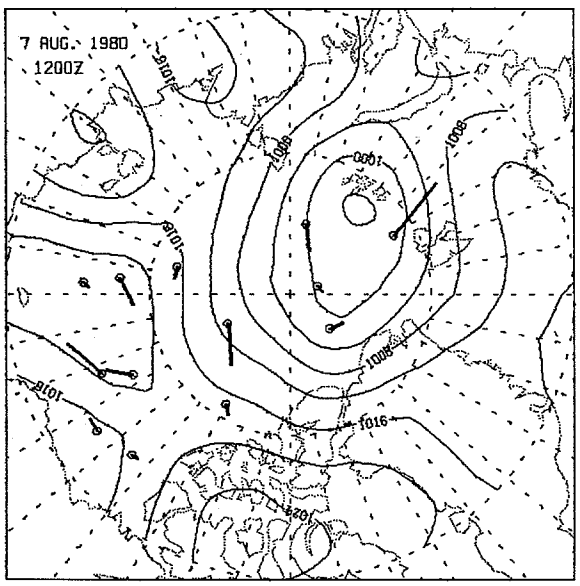
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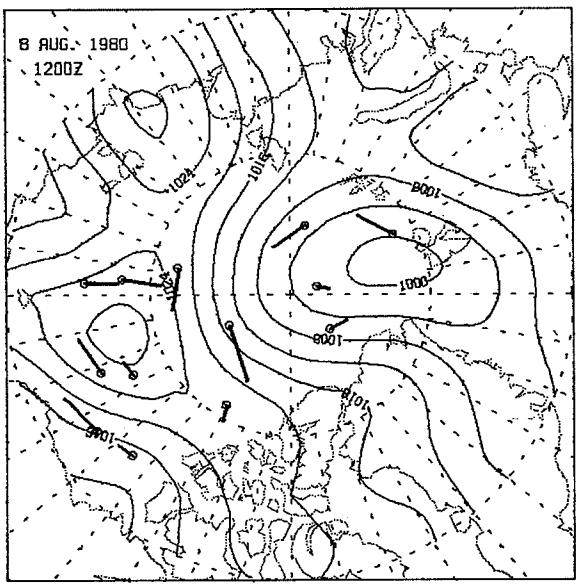
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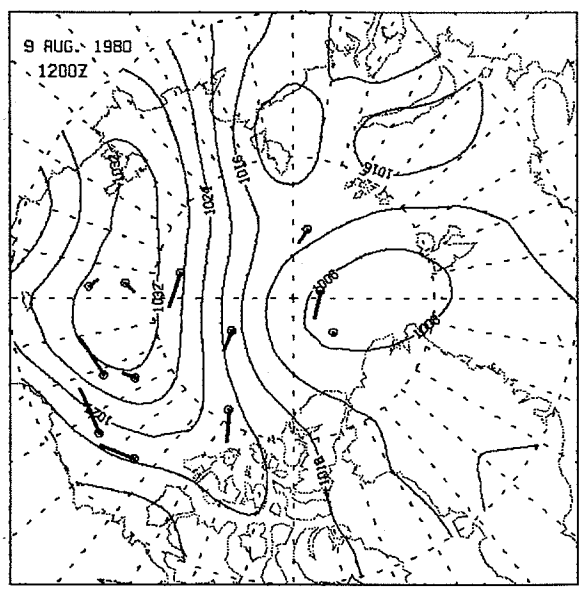
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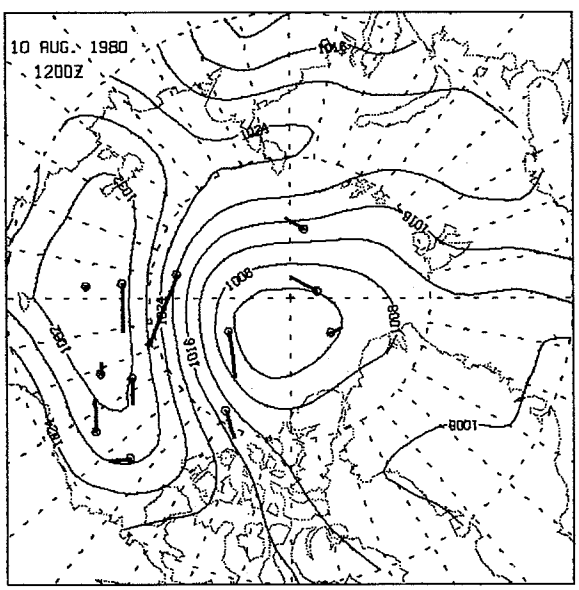
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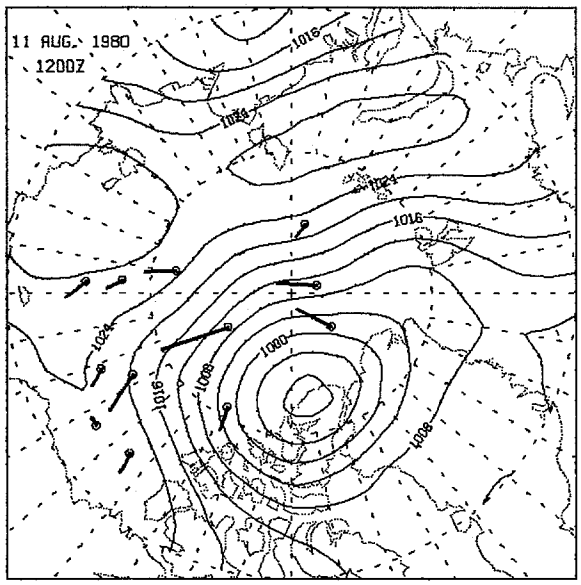
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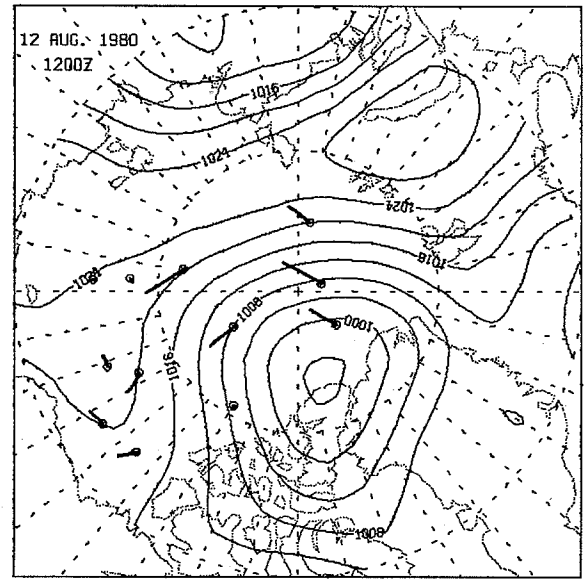
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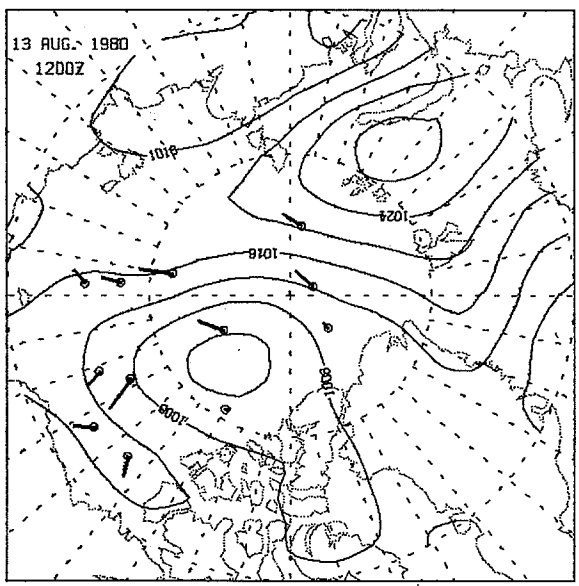
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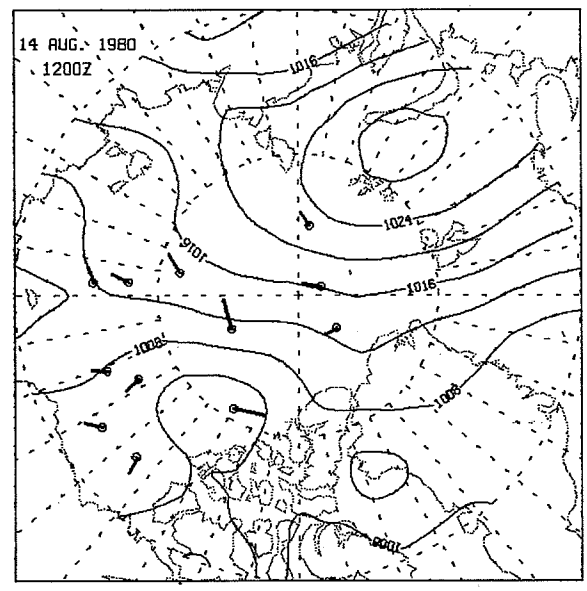
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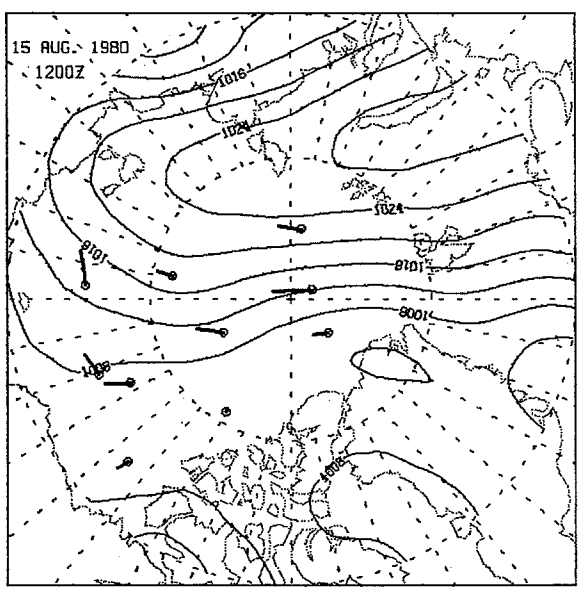
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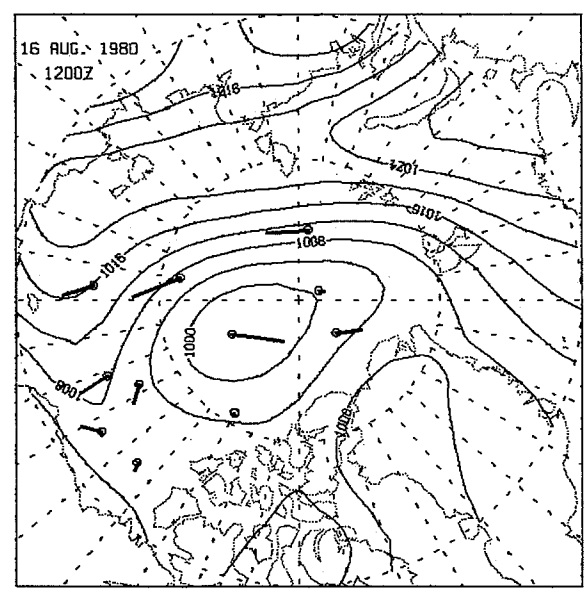
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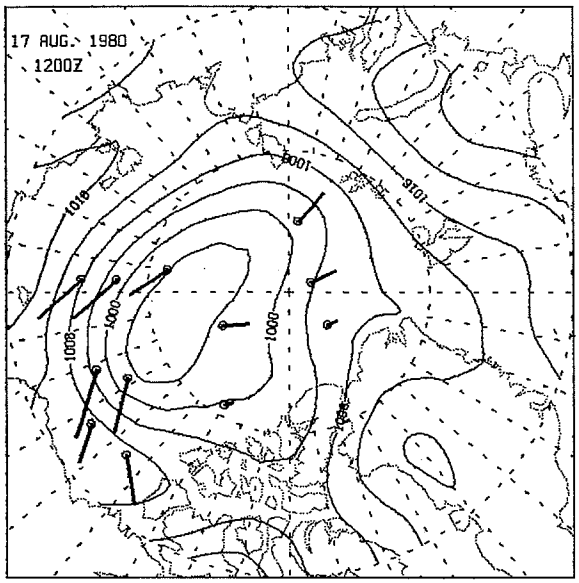
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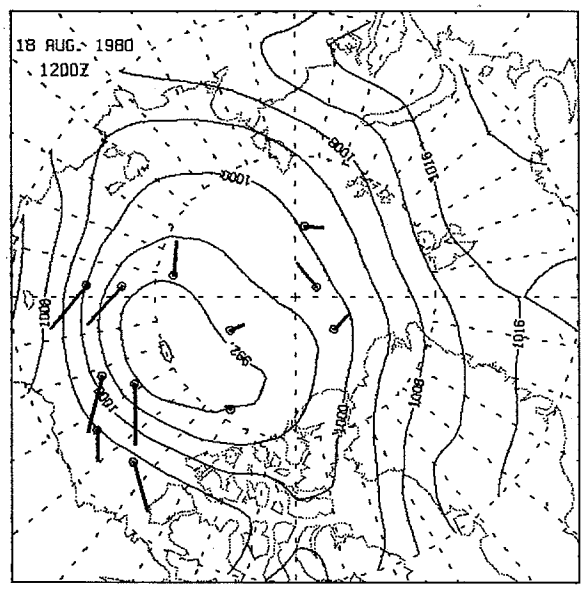
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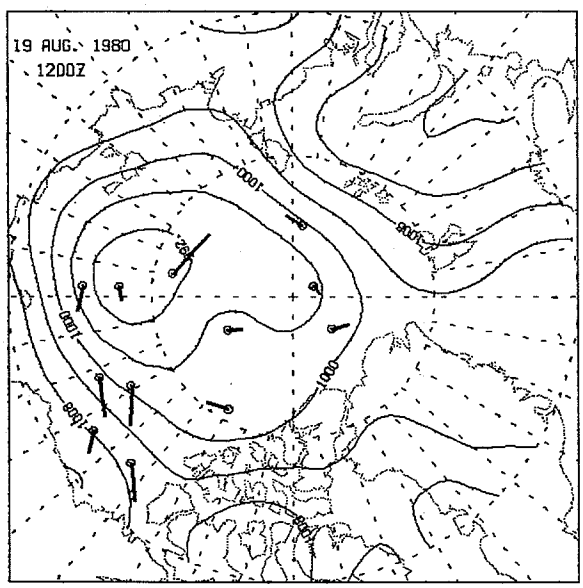
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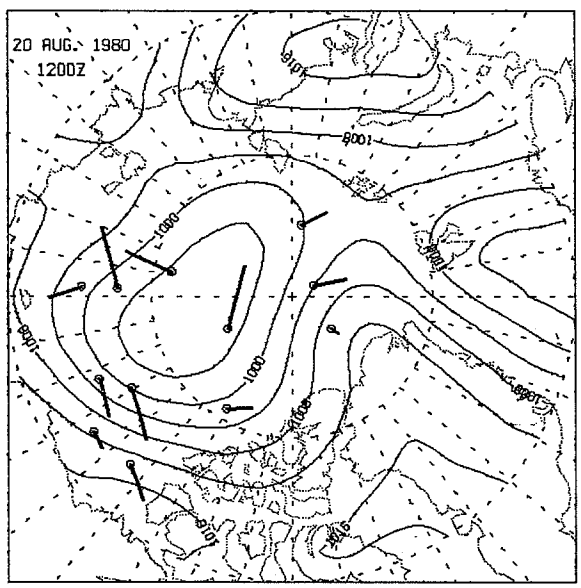
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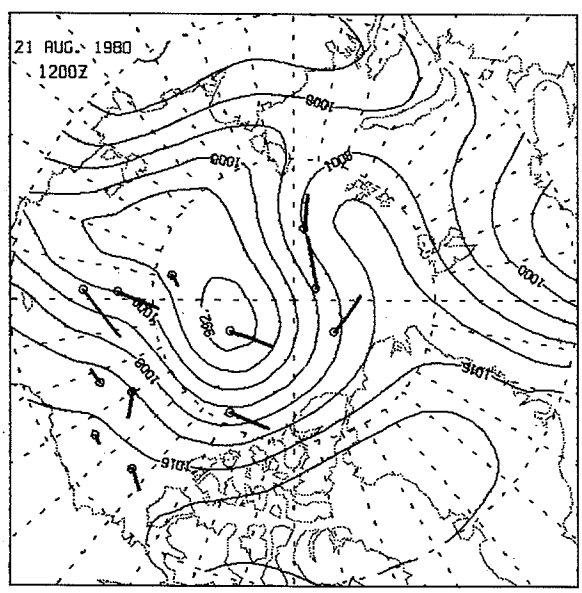
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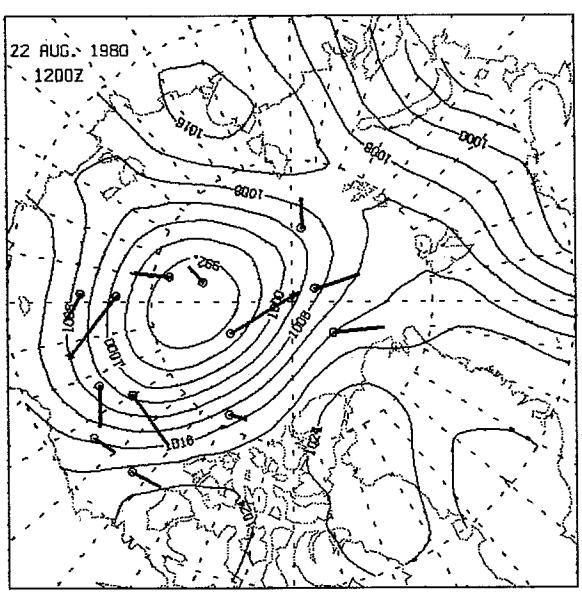
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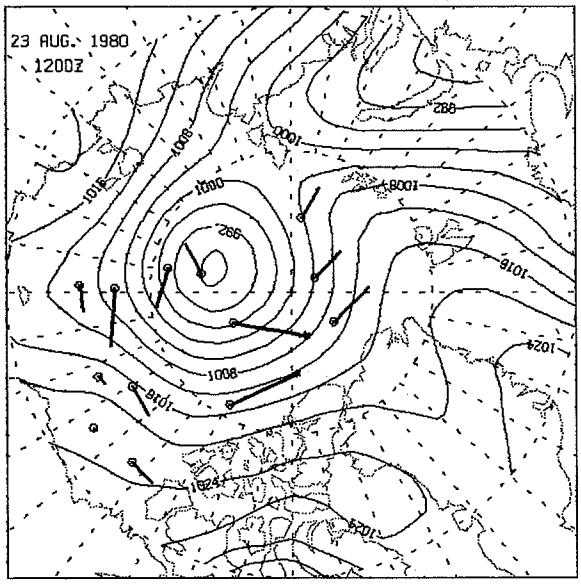
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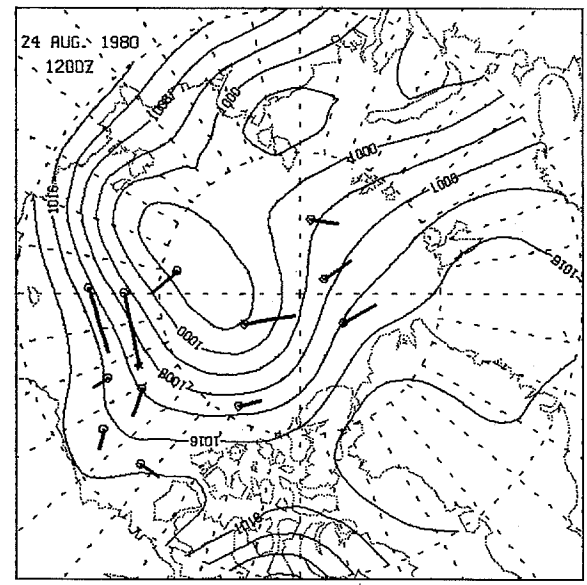
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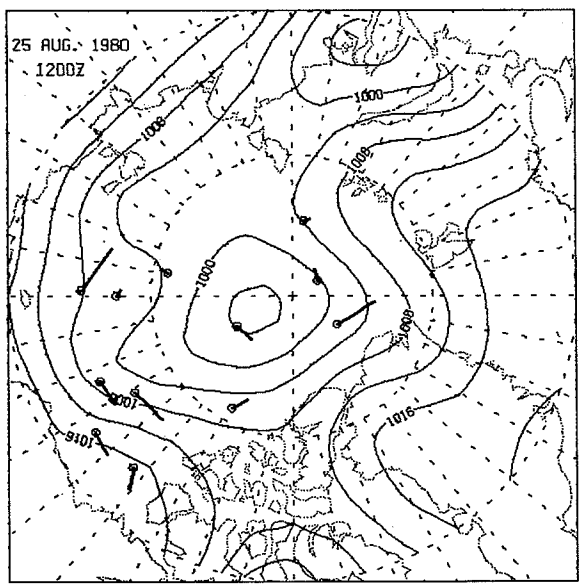
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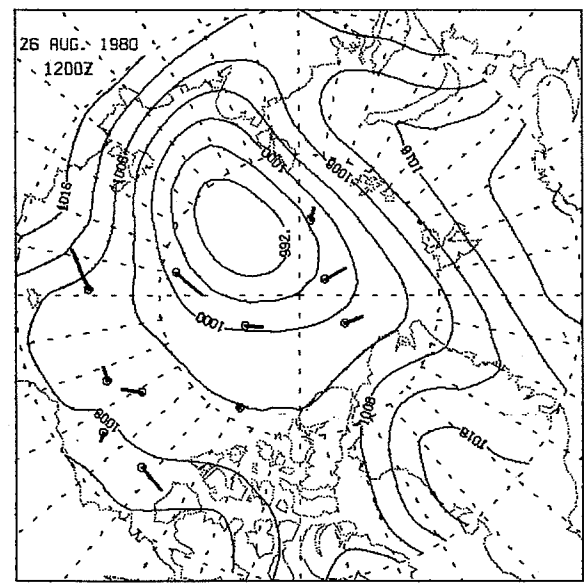
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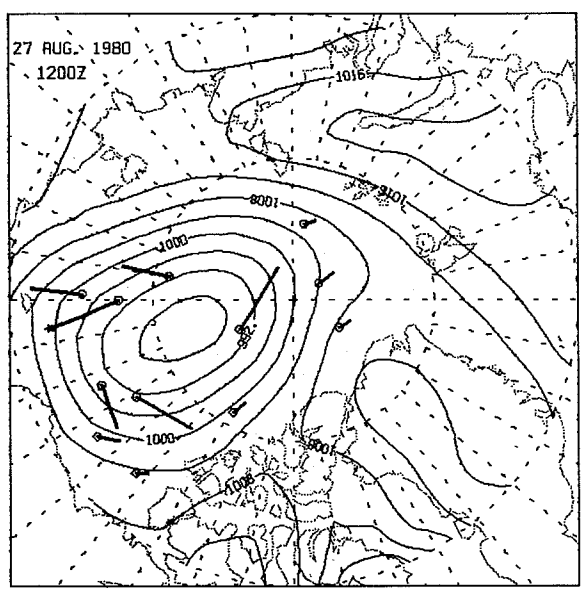
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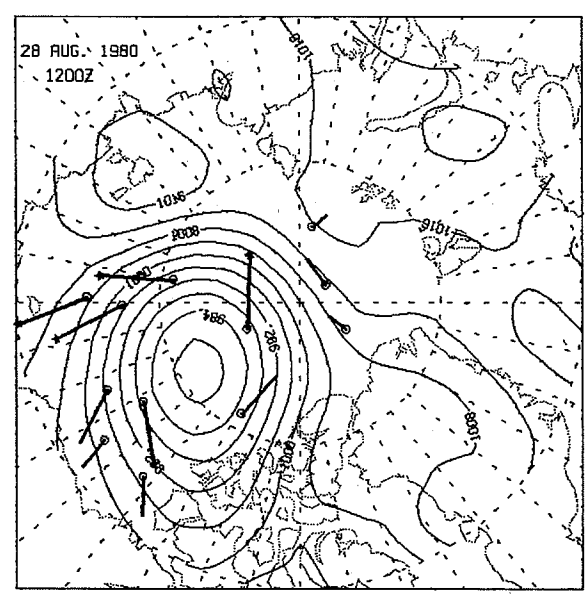
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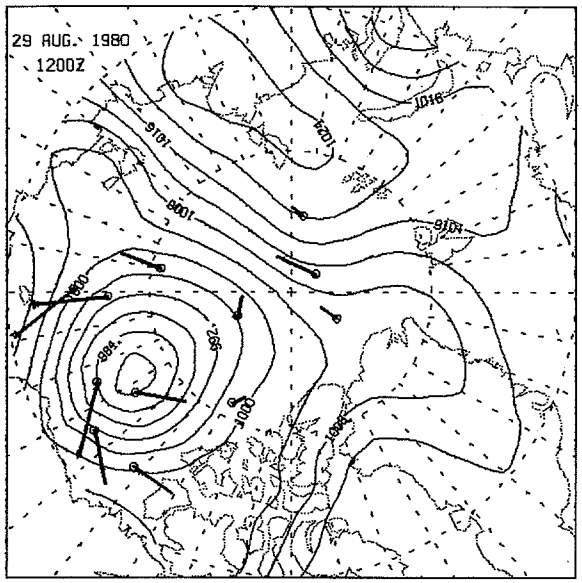
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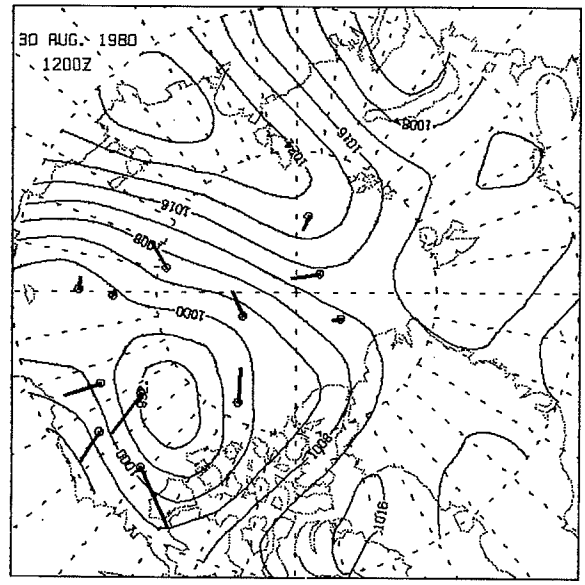
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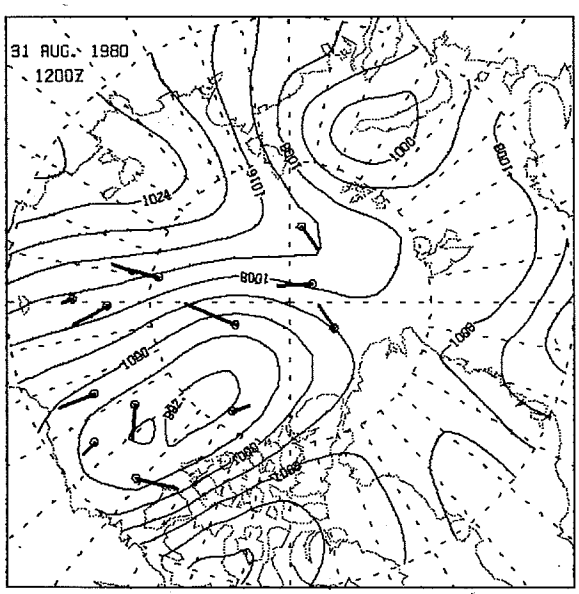
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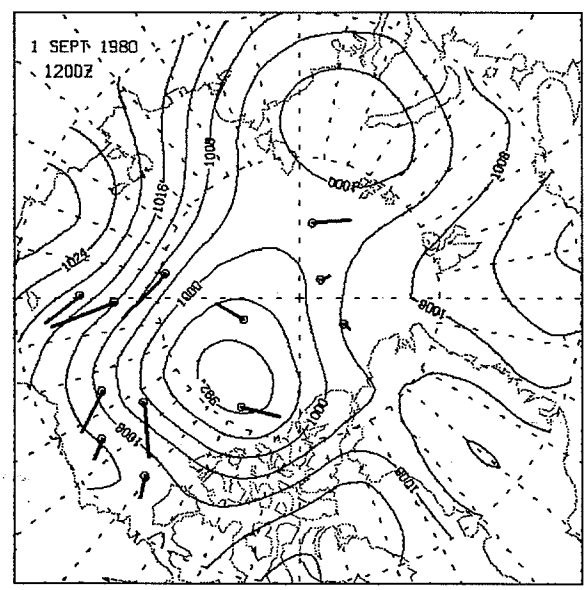
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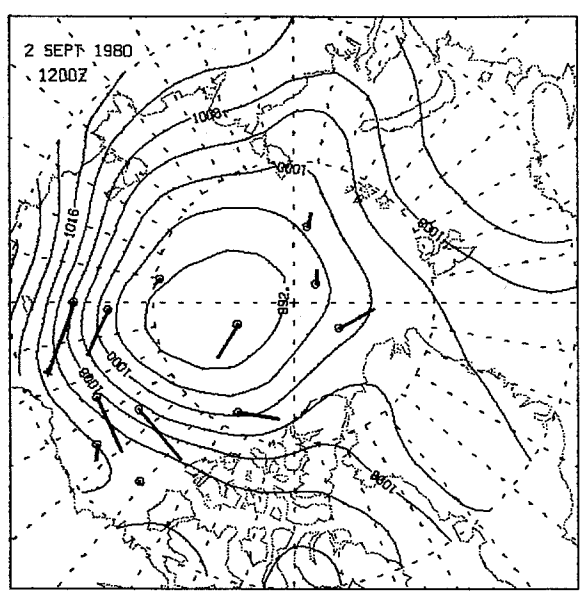
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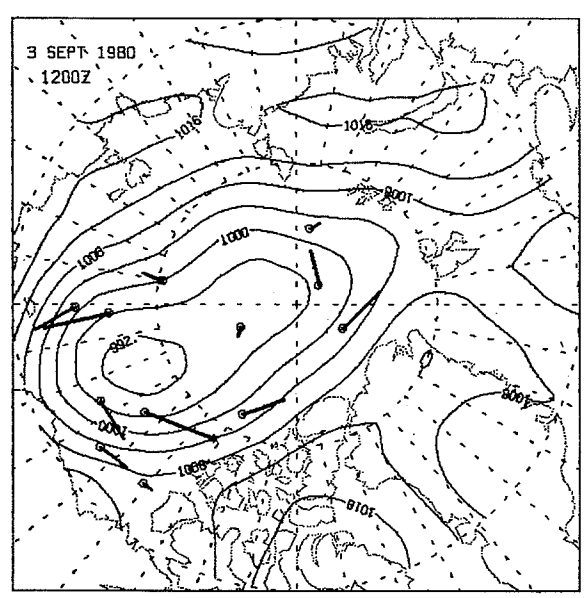
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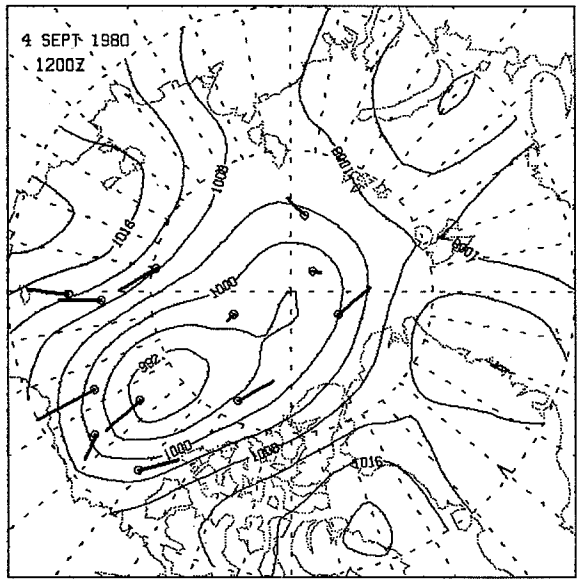
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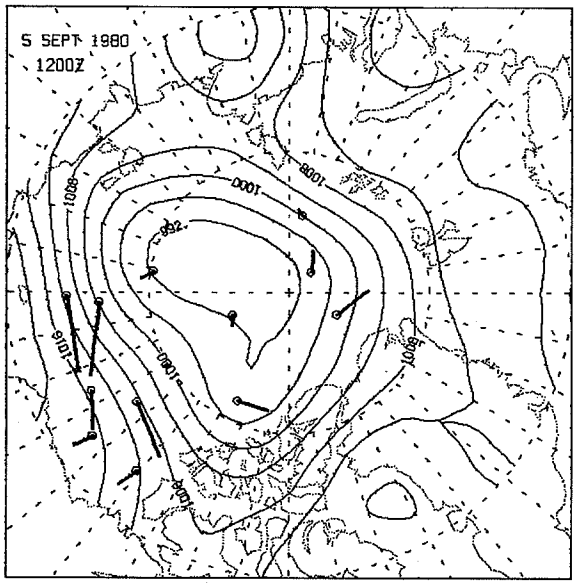
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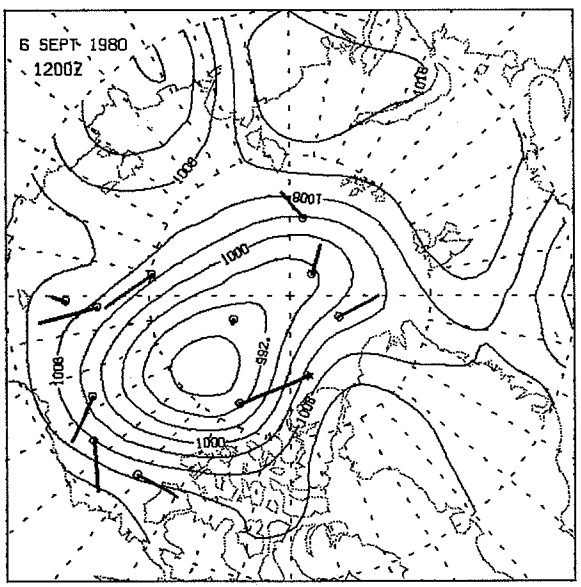
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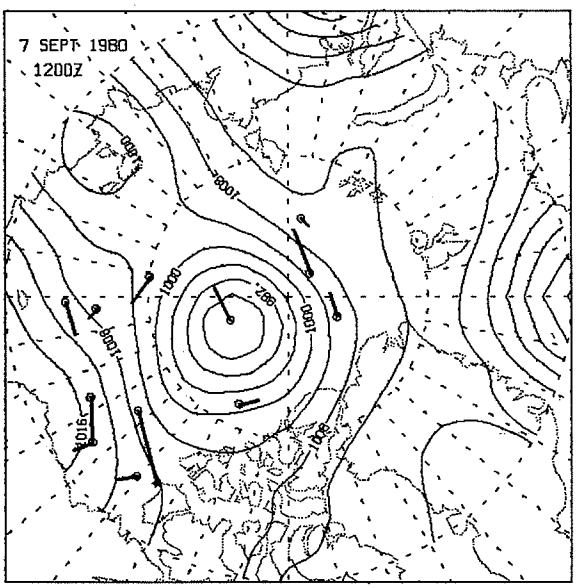
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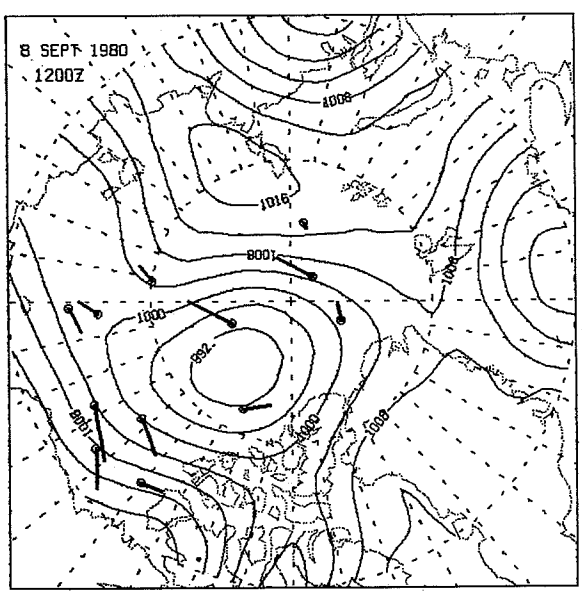
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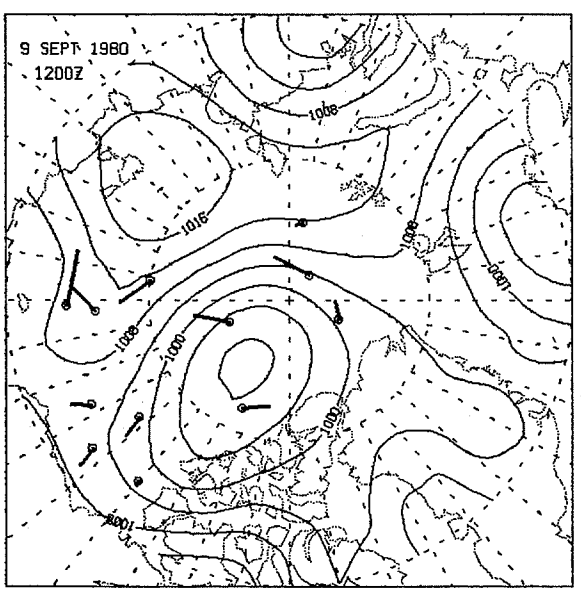
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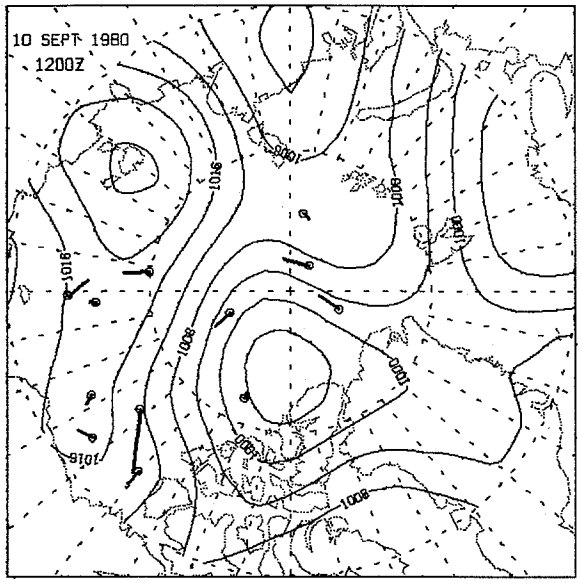
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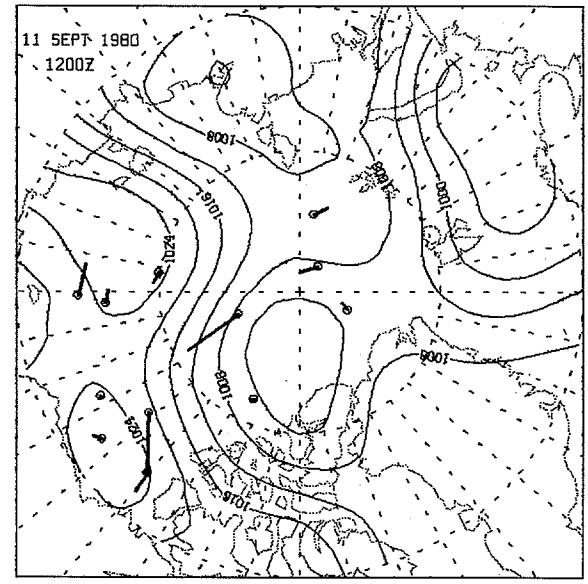
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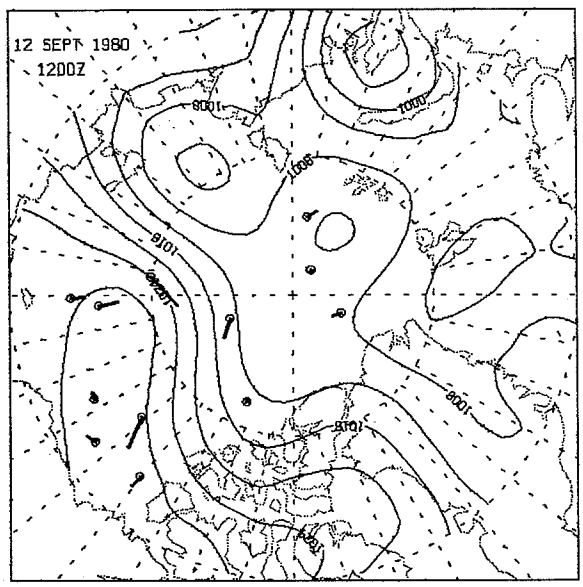
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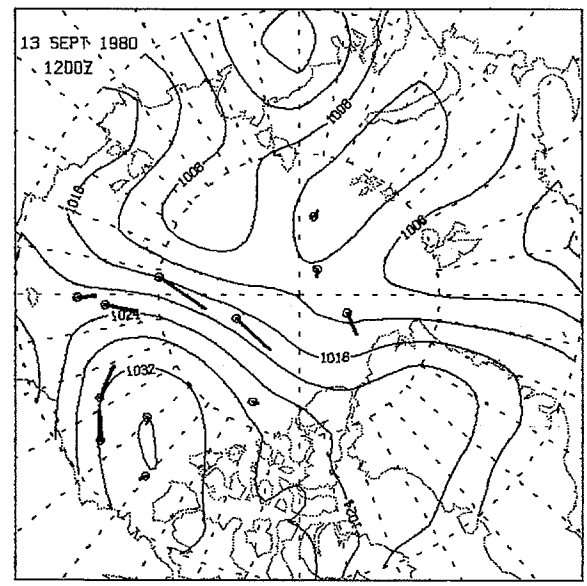
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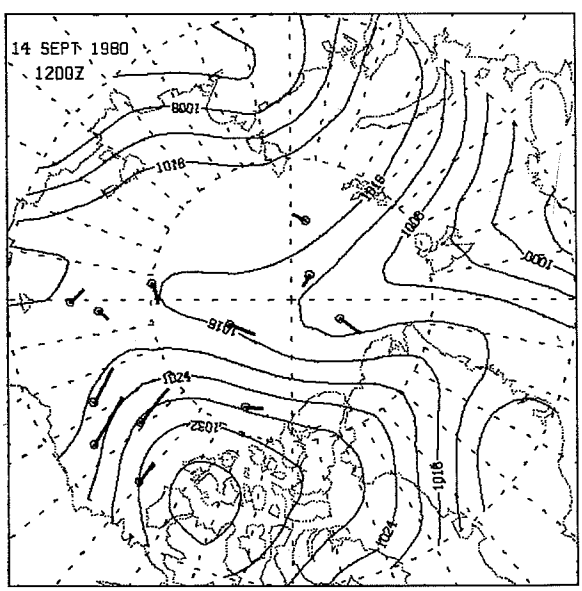
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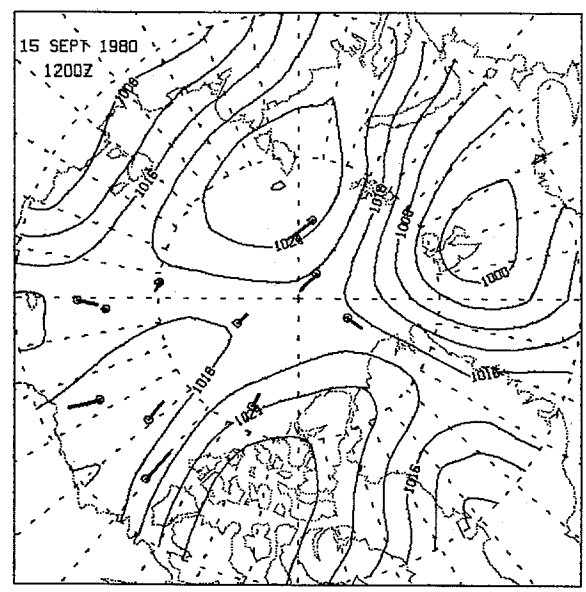
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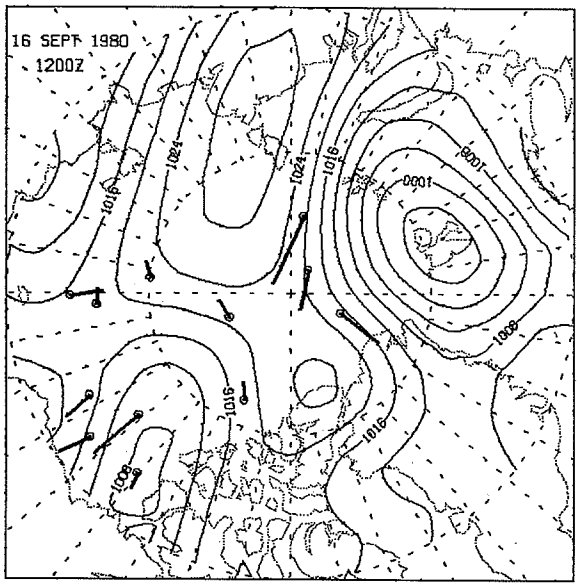
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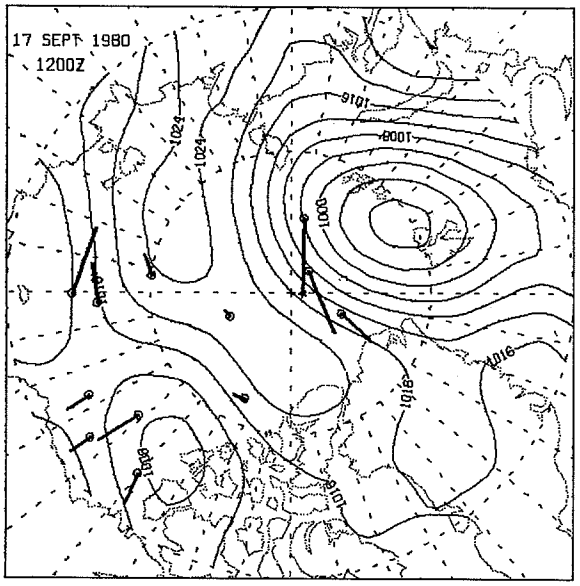
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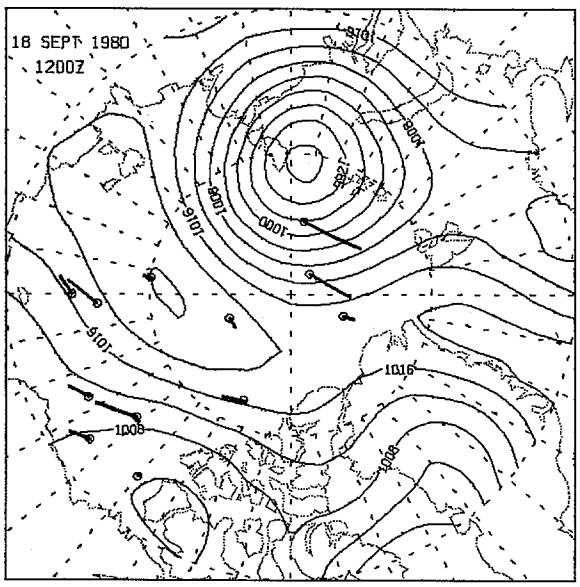
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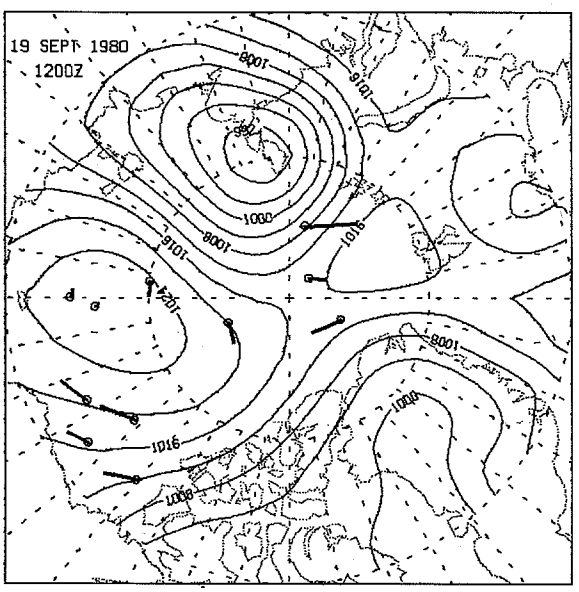
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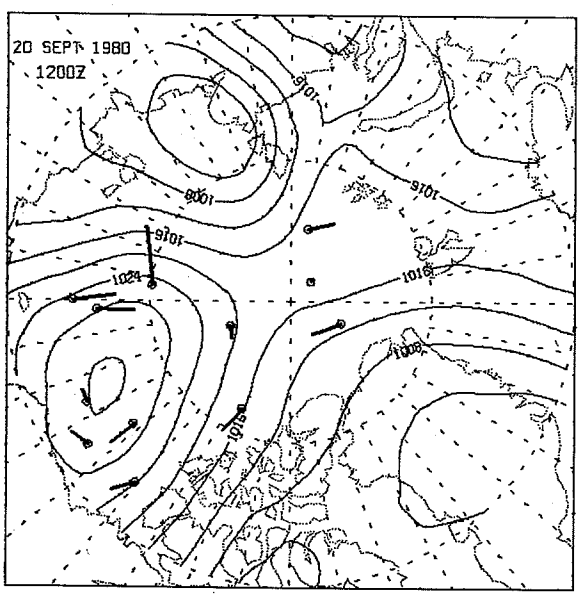
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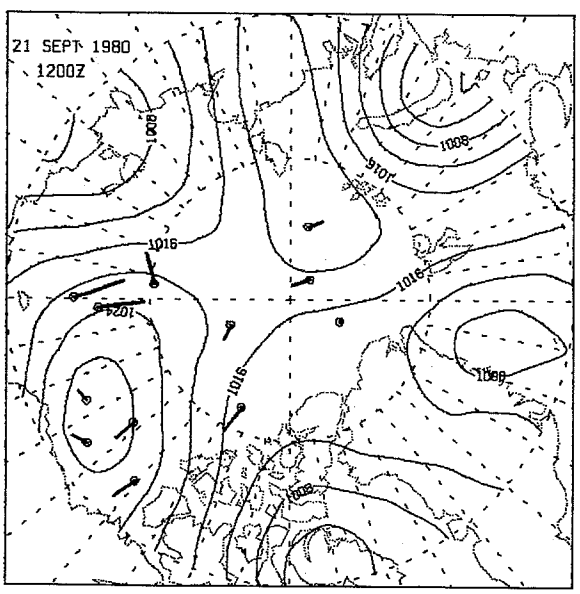
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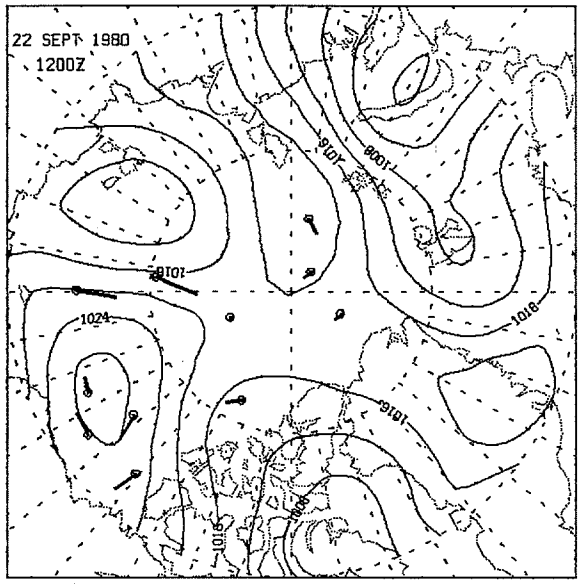
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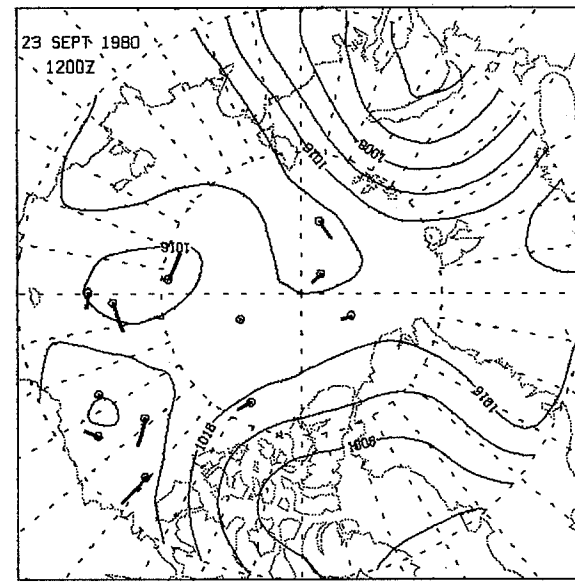
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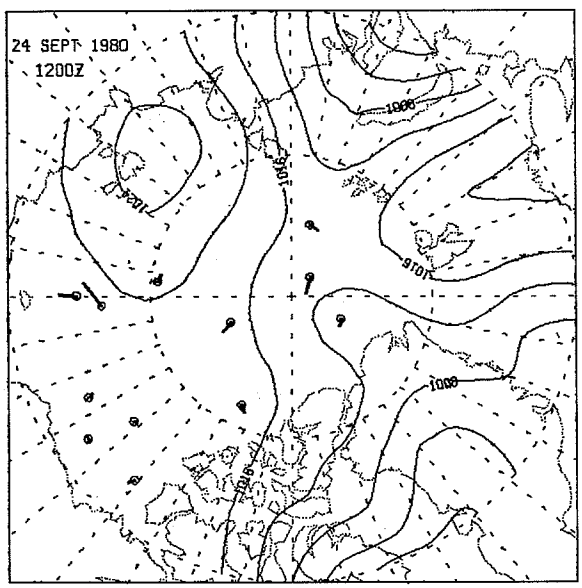
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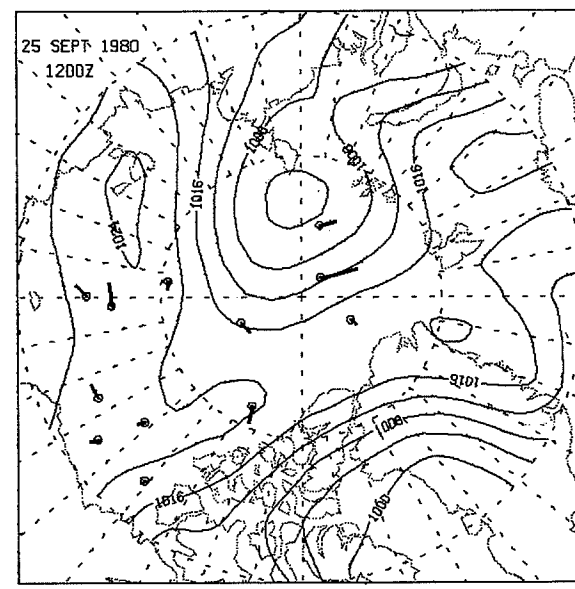
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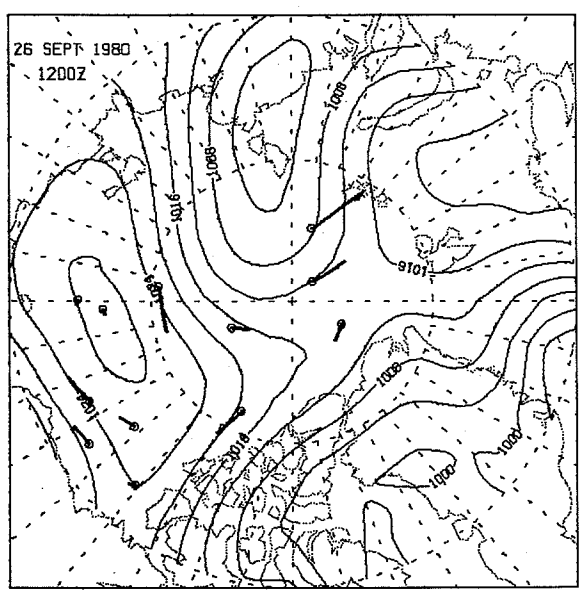
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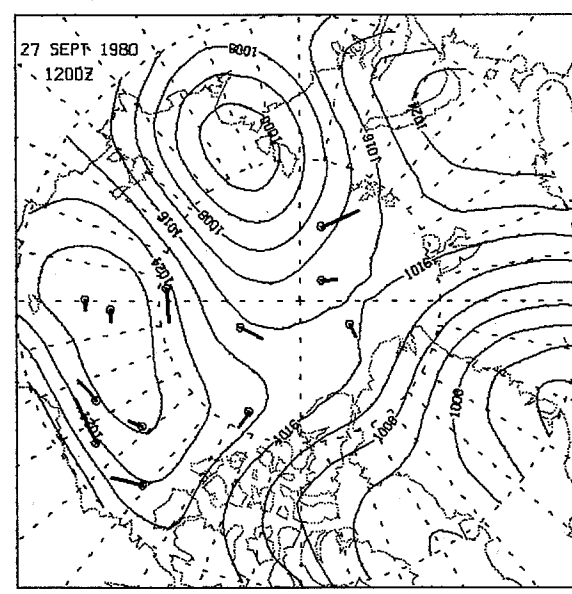
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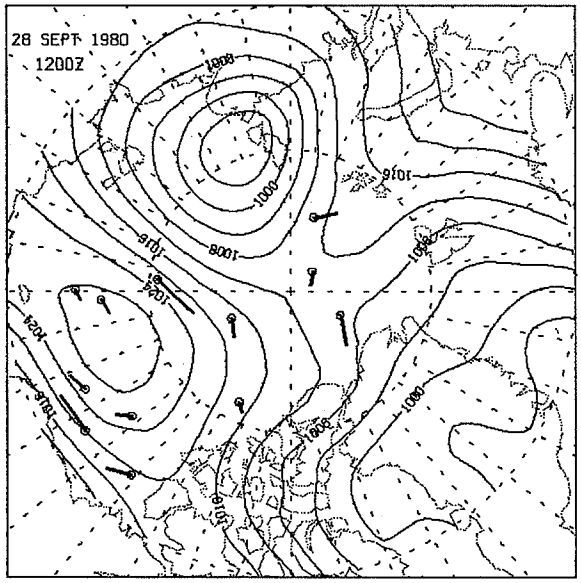
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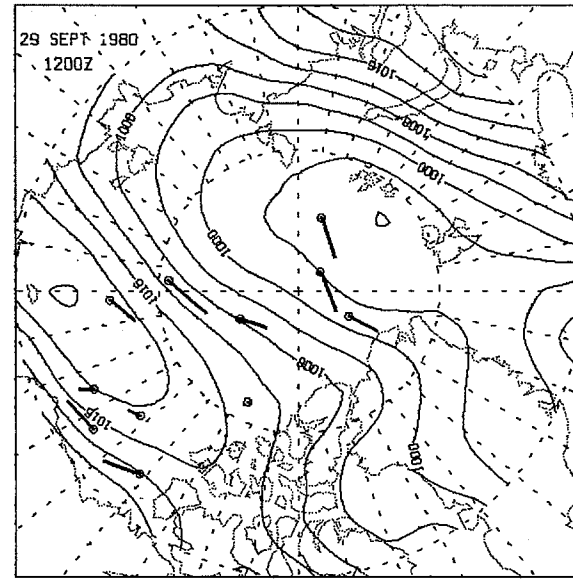
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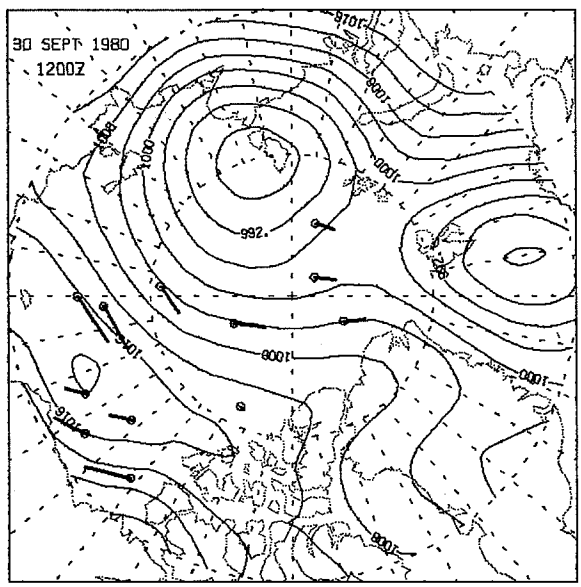
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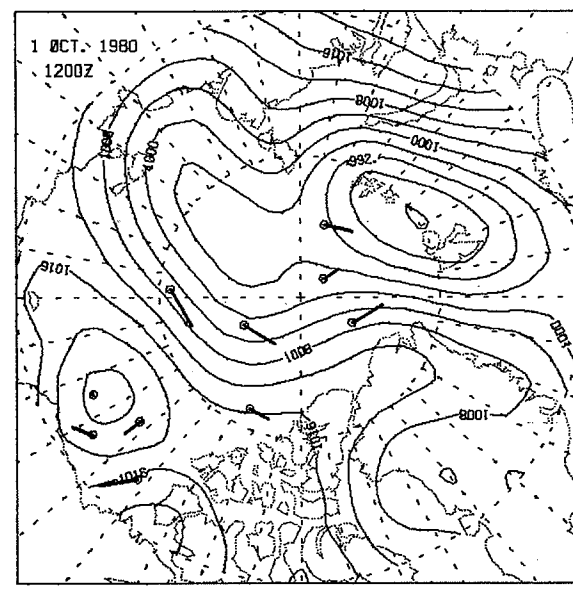
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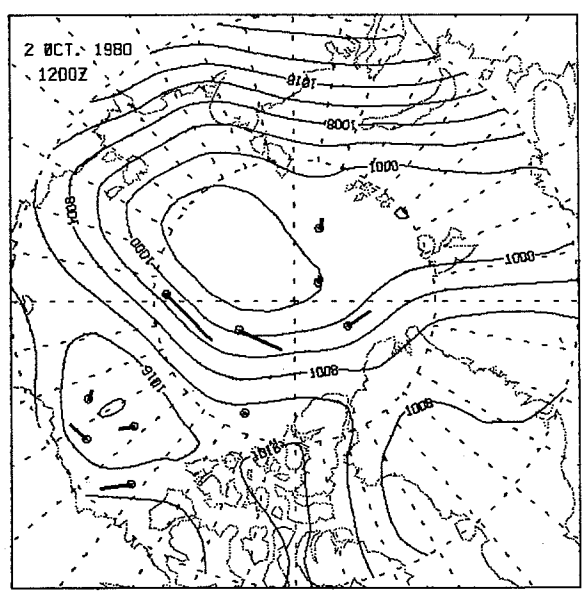
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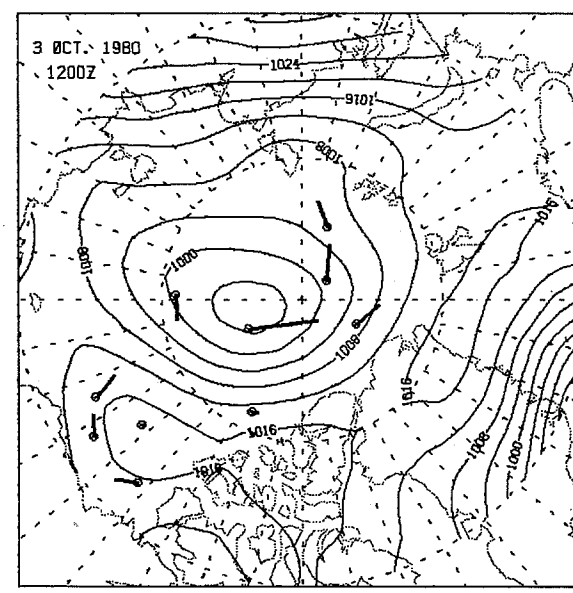
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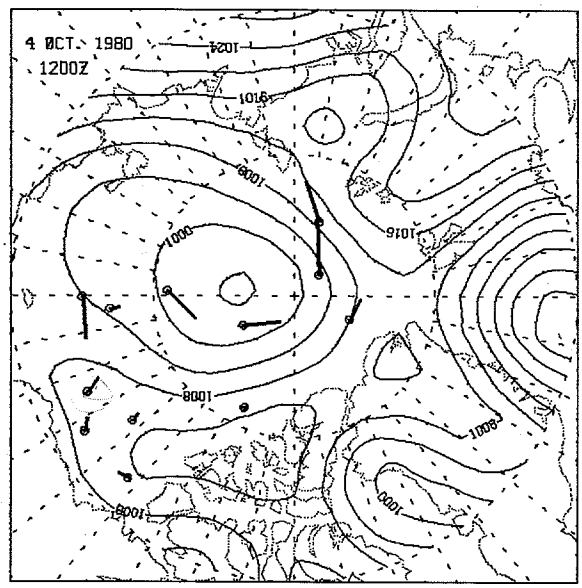
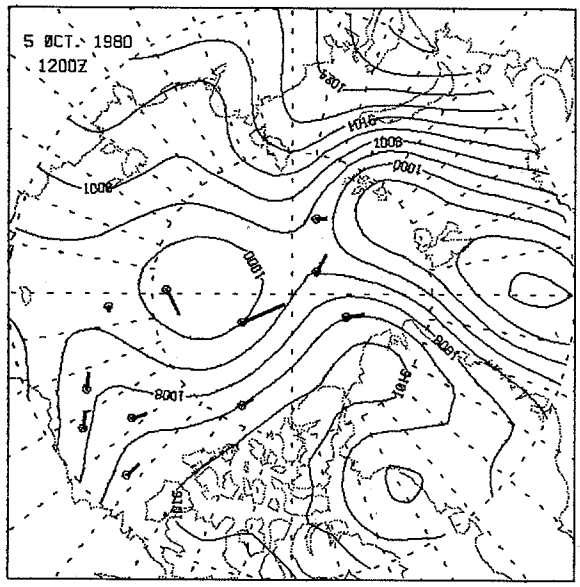
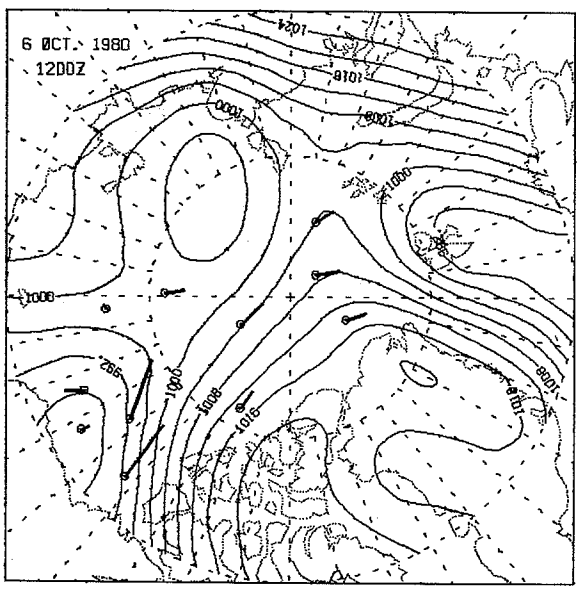
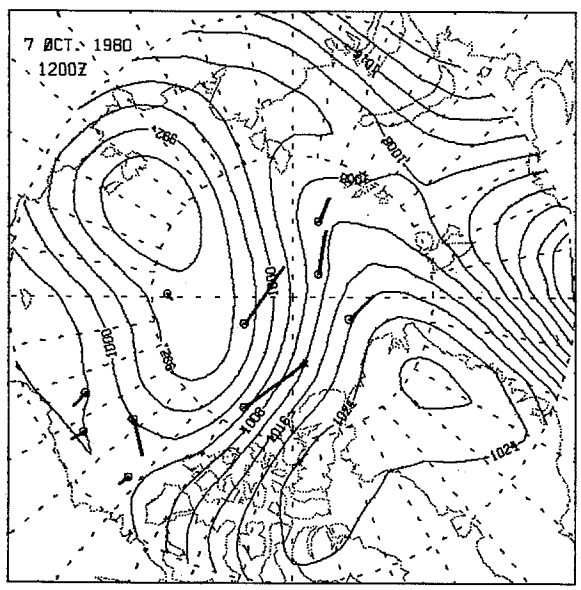
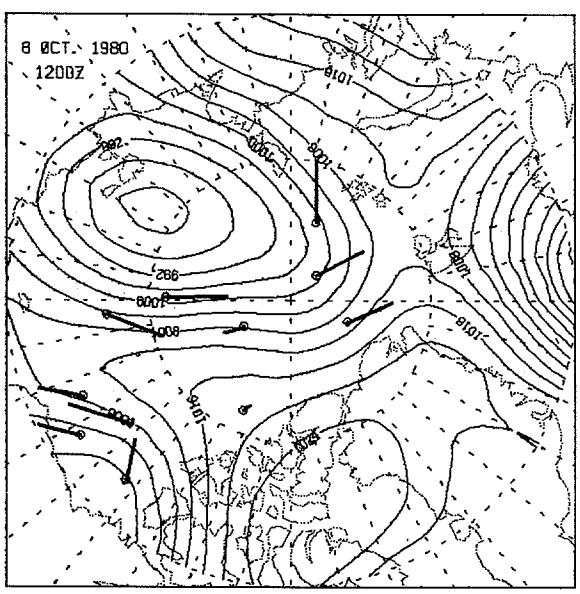
4 OCT–9 OCT 1988

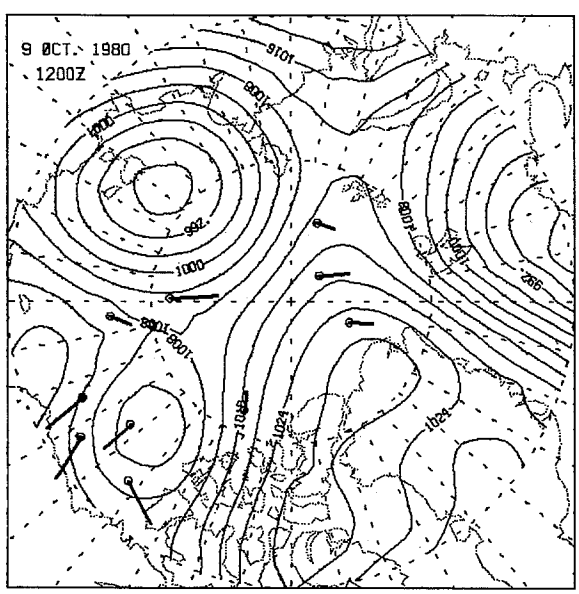


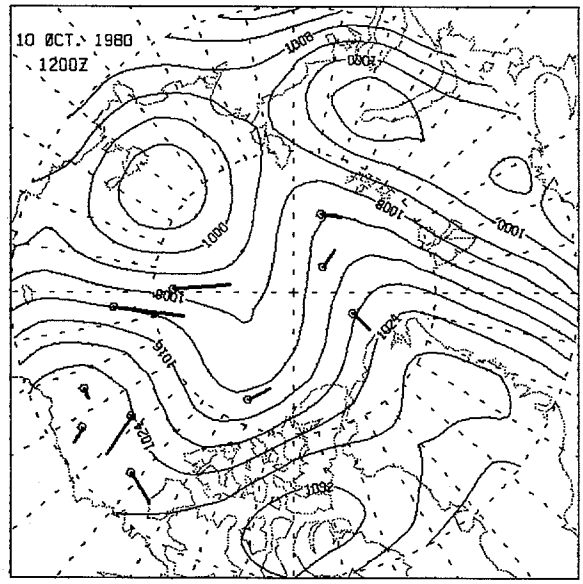








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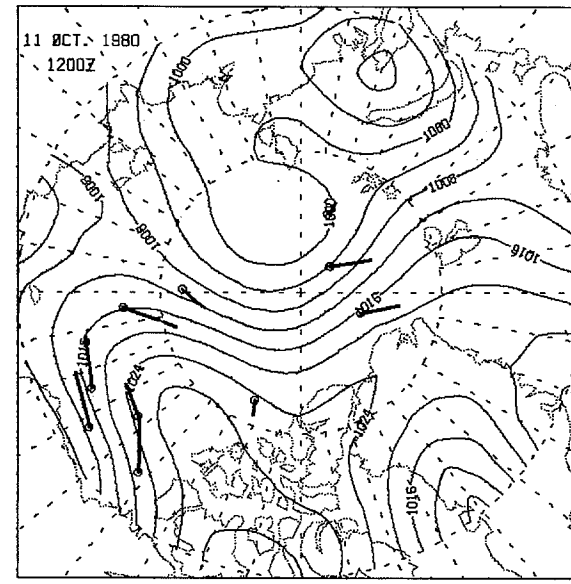
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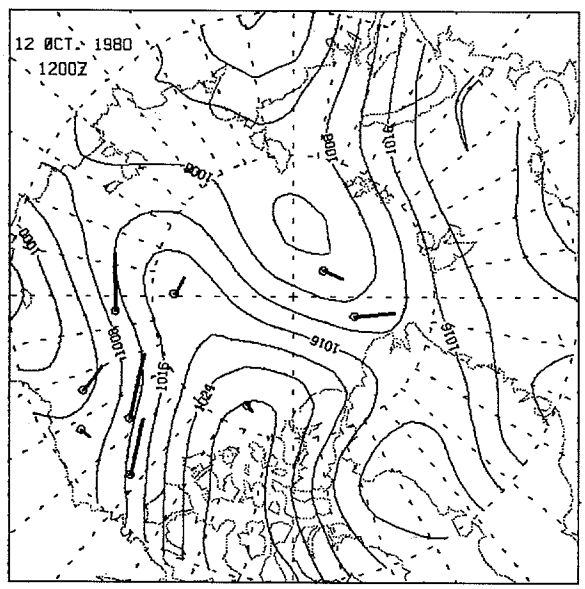
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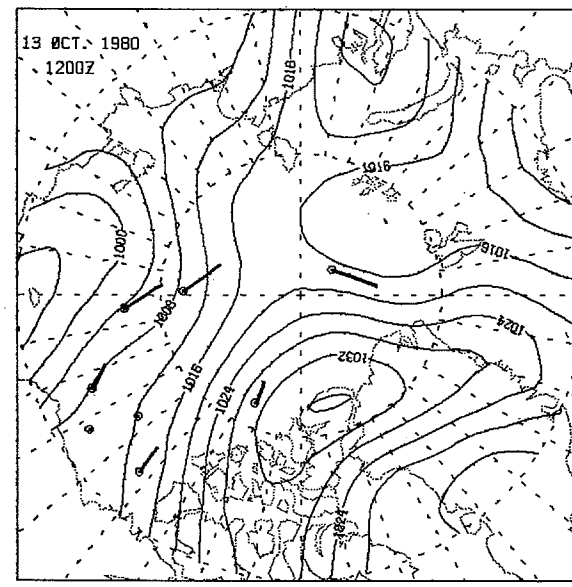
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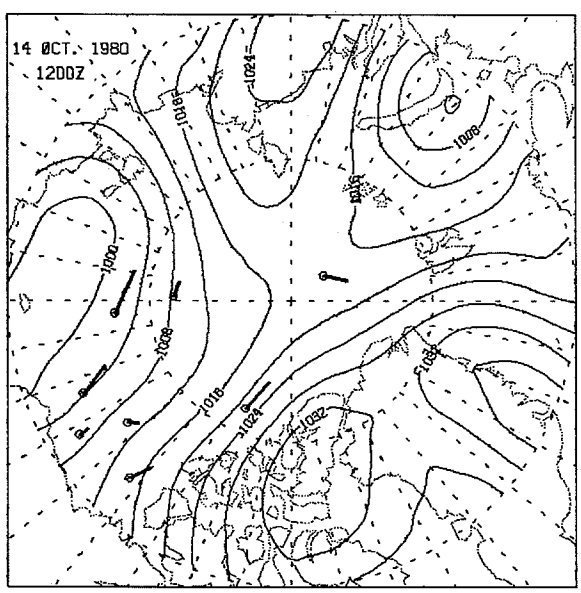
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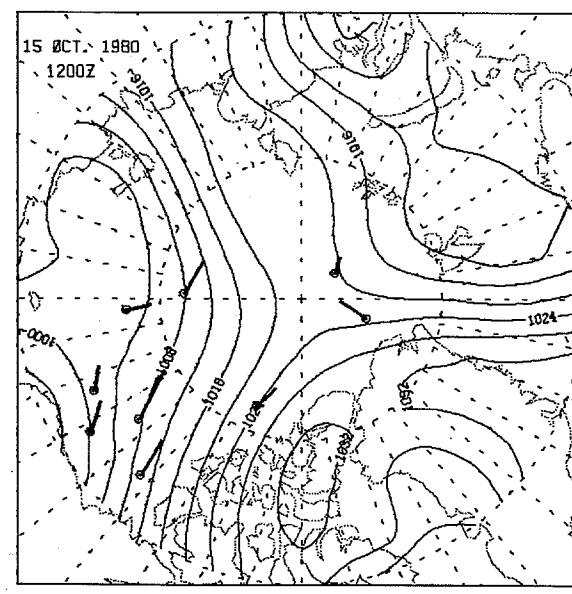
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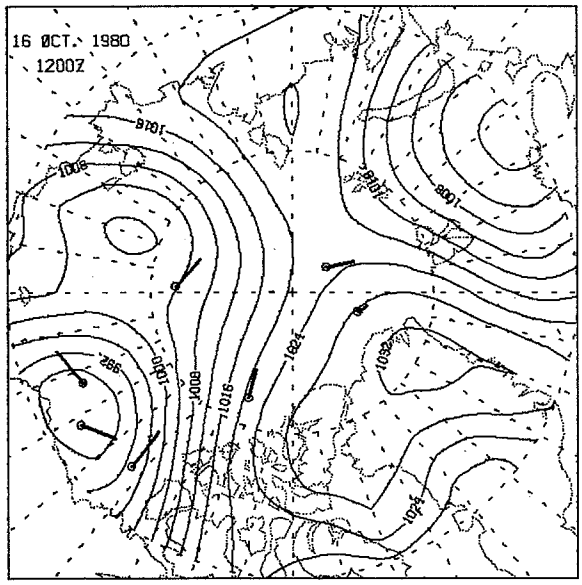
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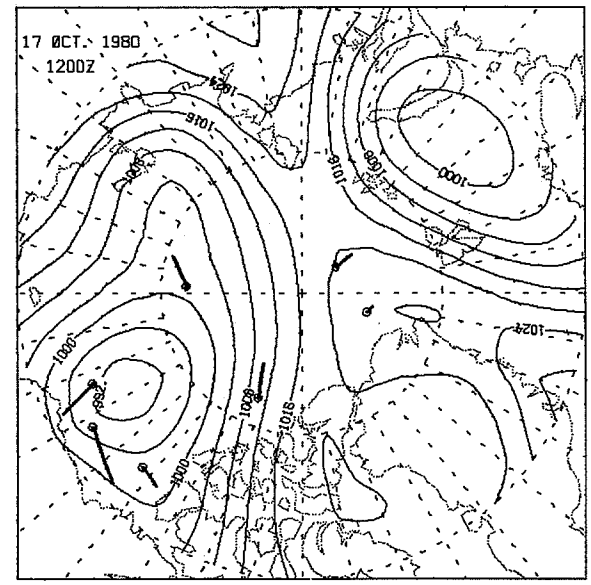
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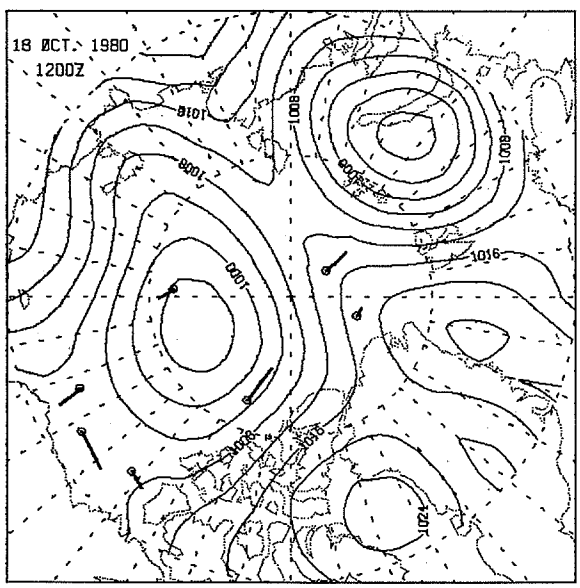
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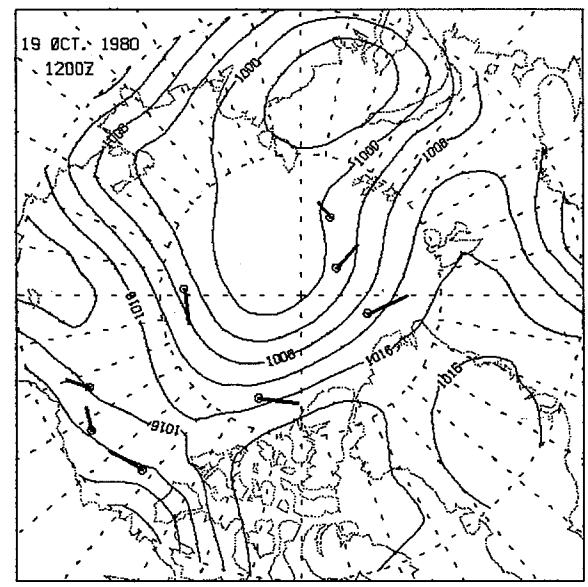
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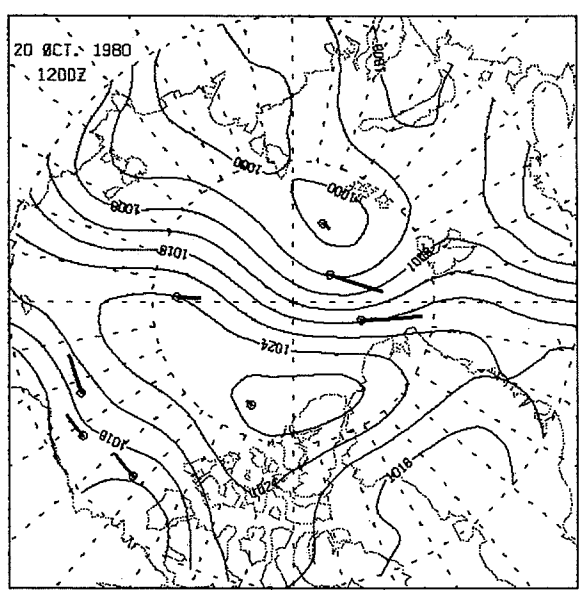
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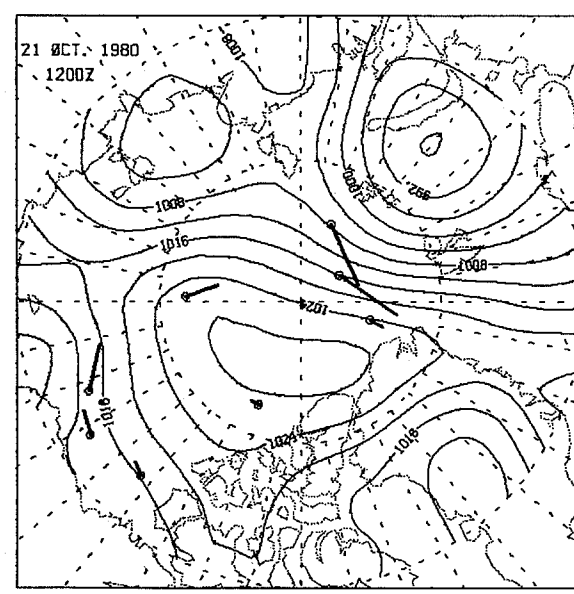
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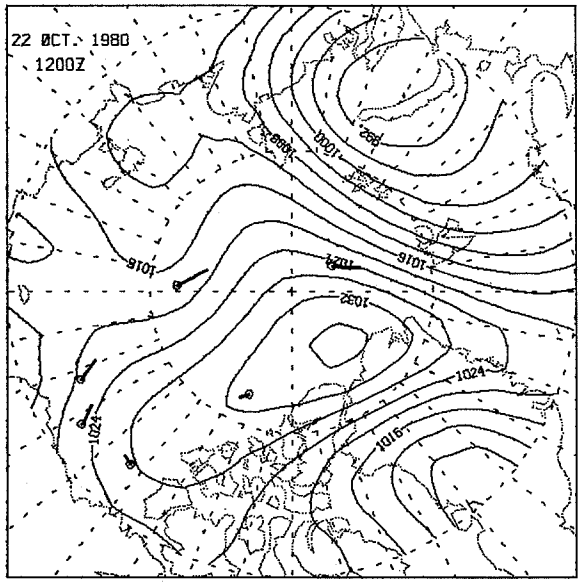
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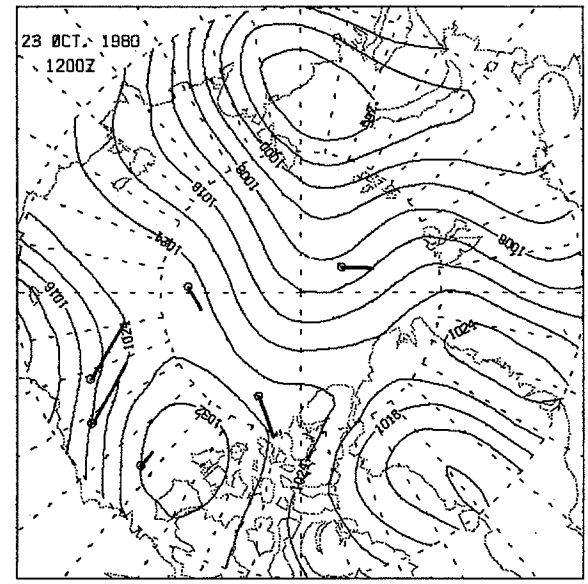
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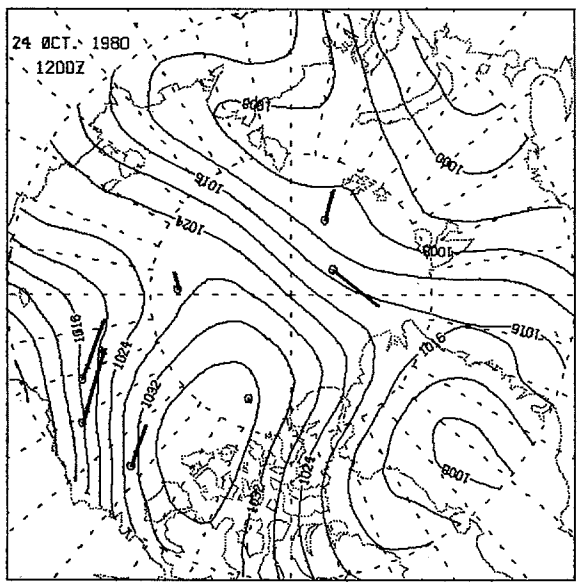
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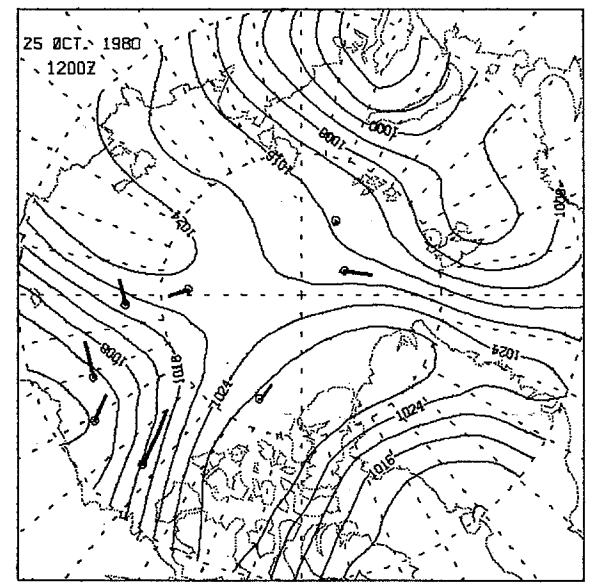
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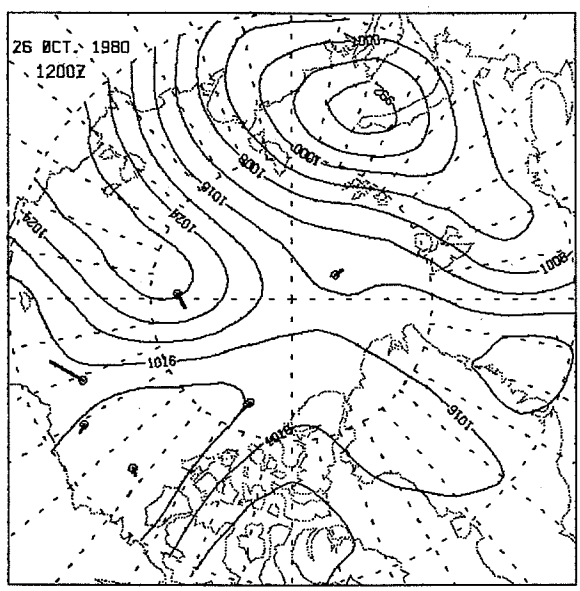
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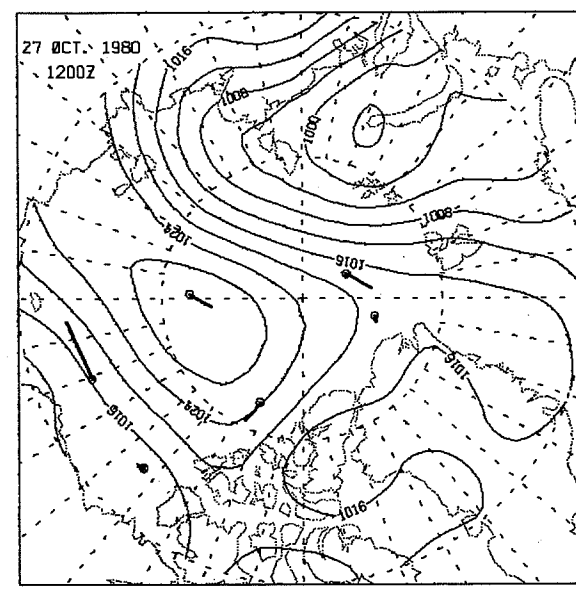
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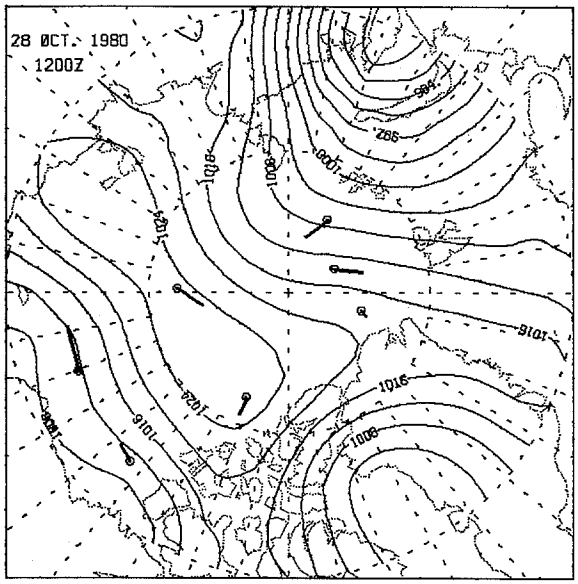
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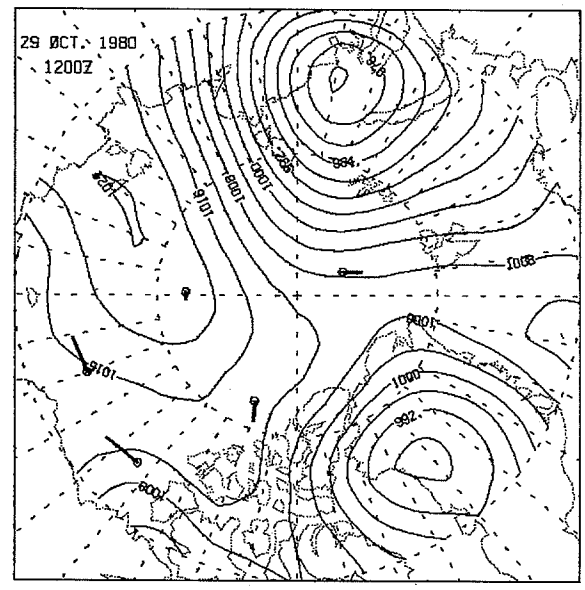
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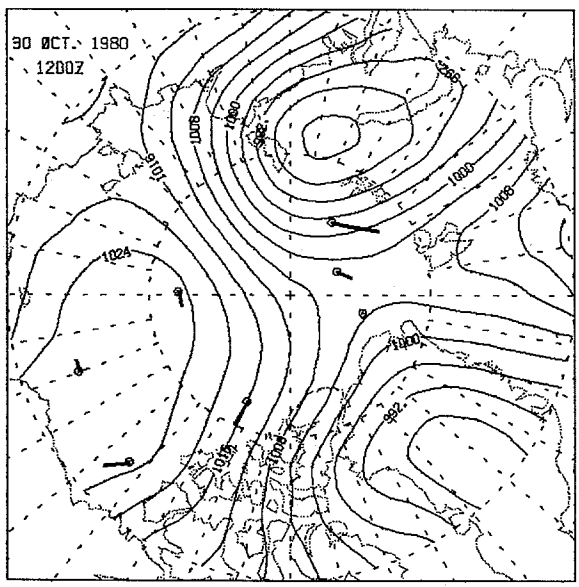
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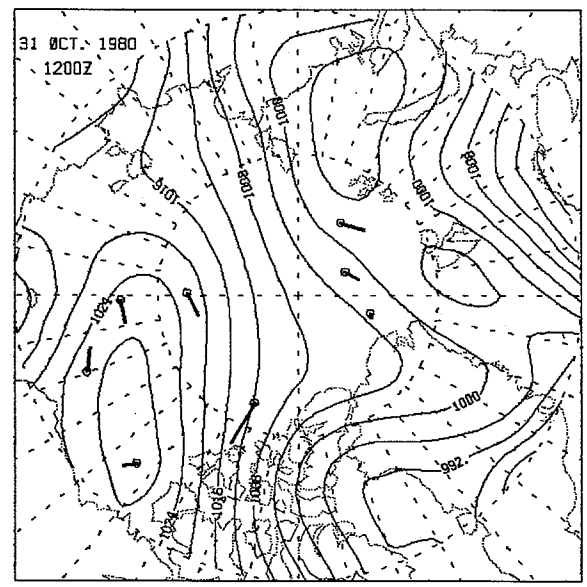
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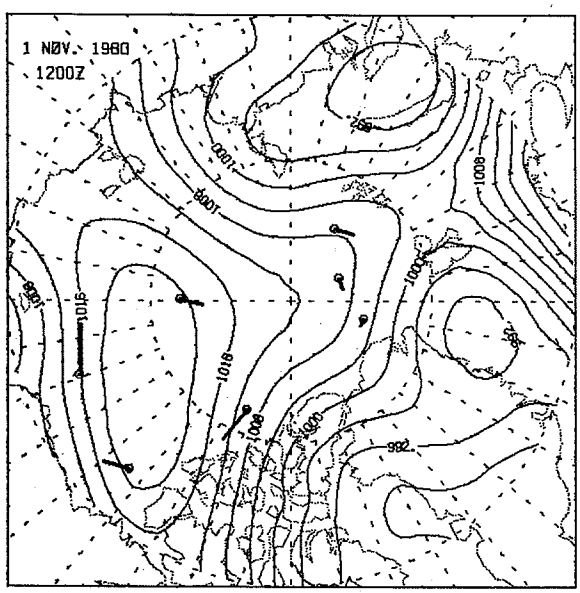
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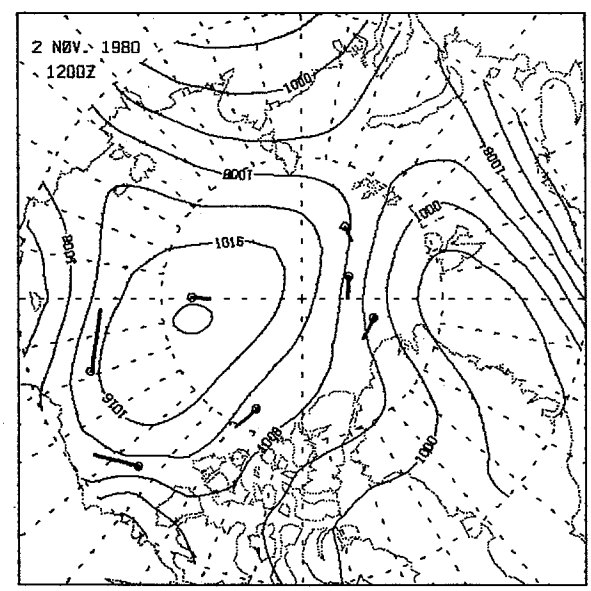
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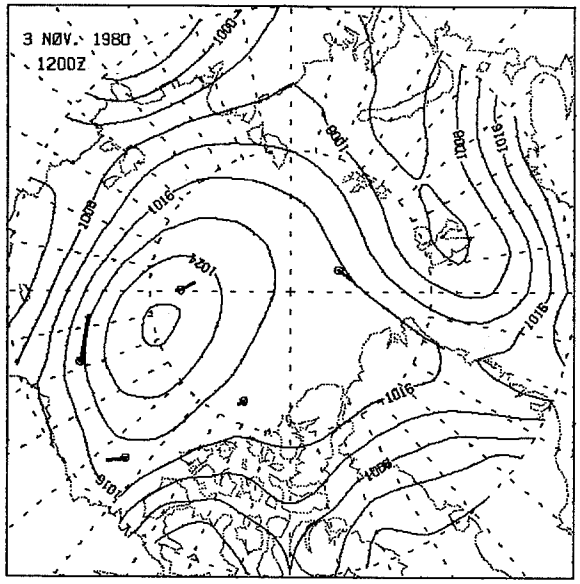
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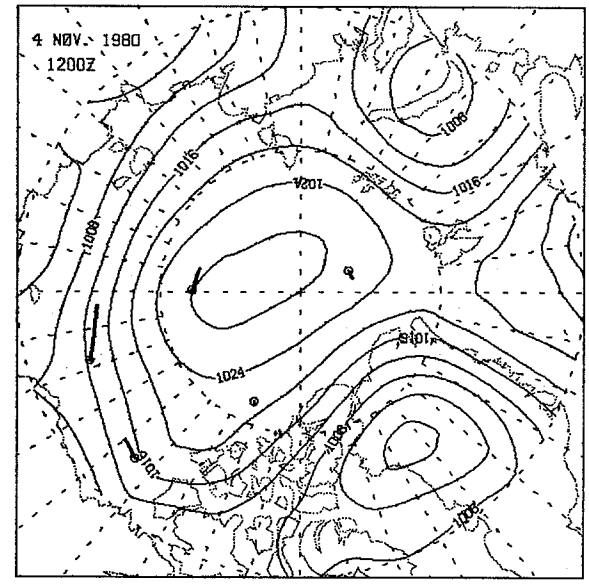
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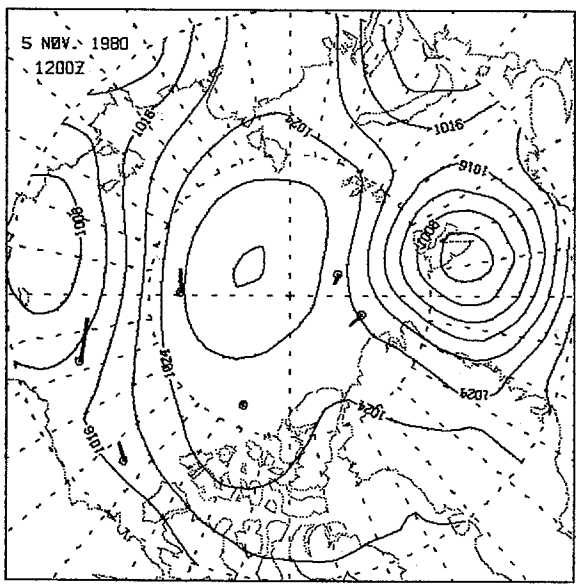
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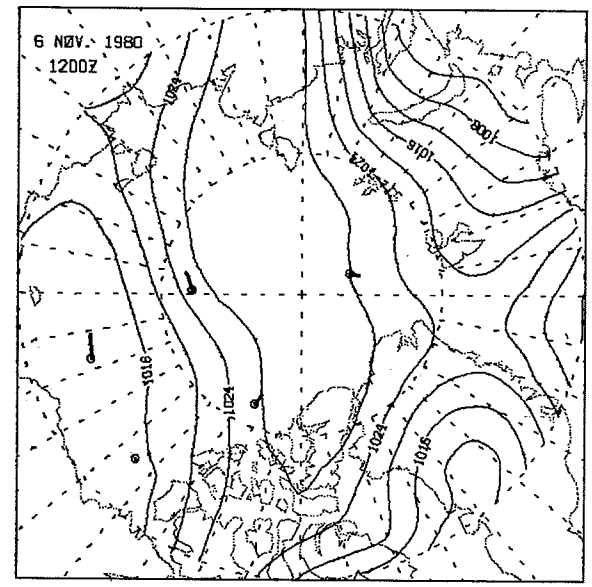
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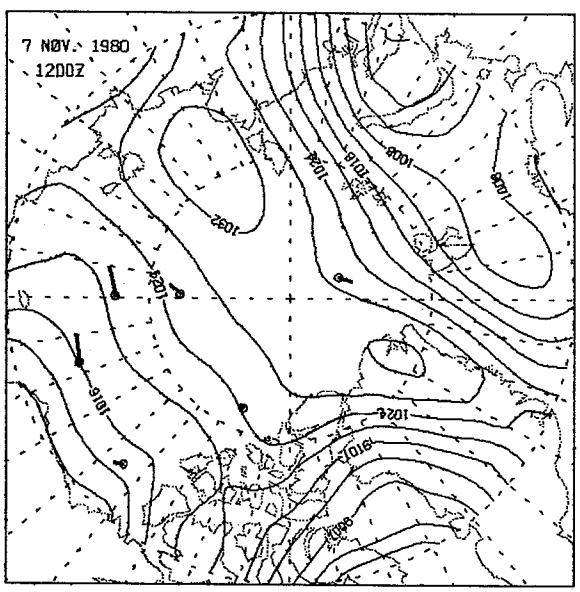
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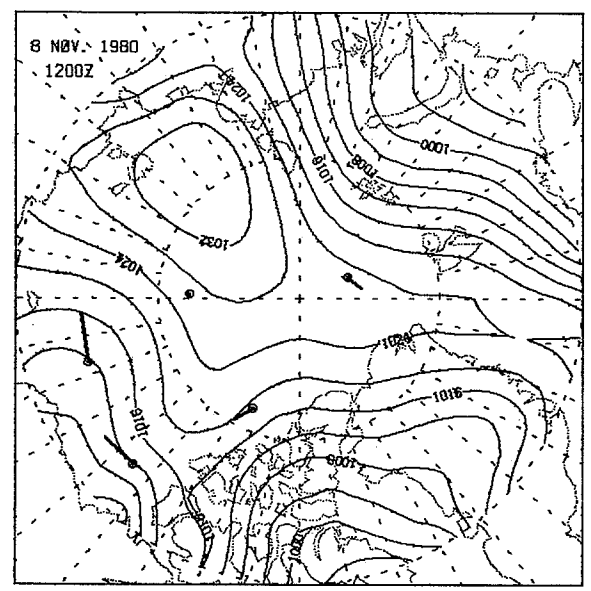
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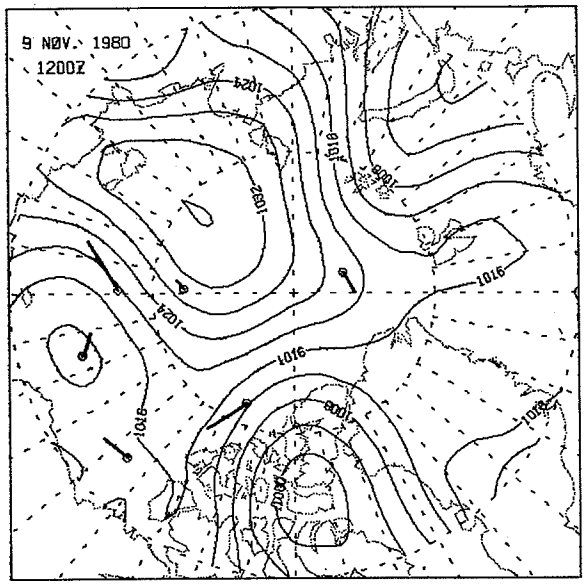
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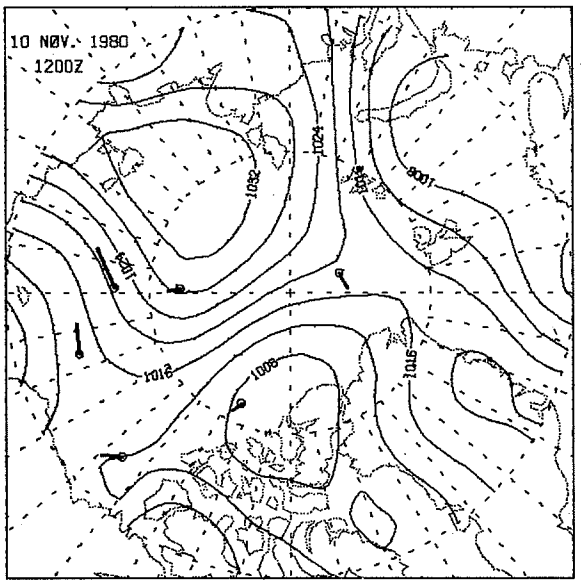
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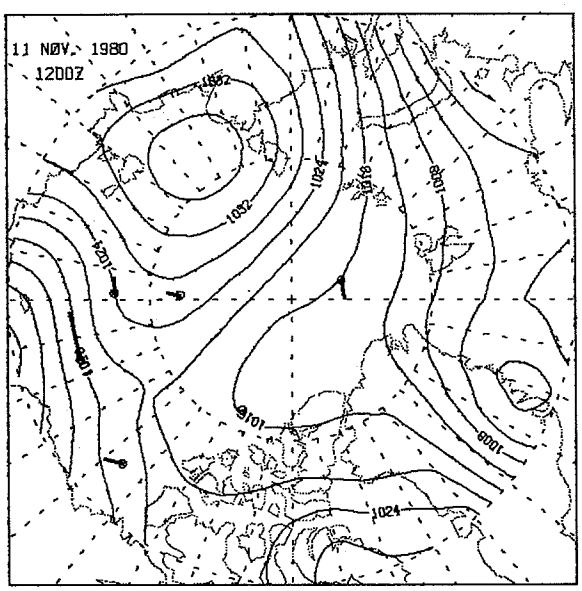
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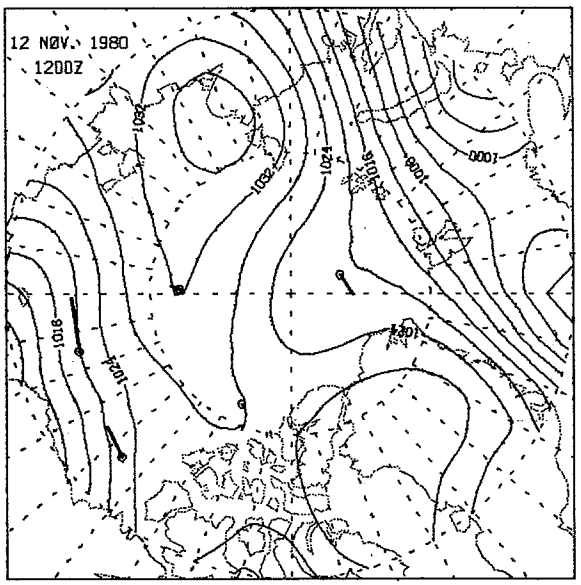
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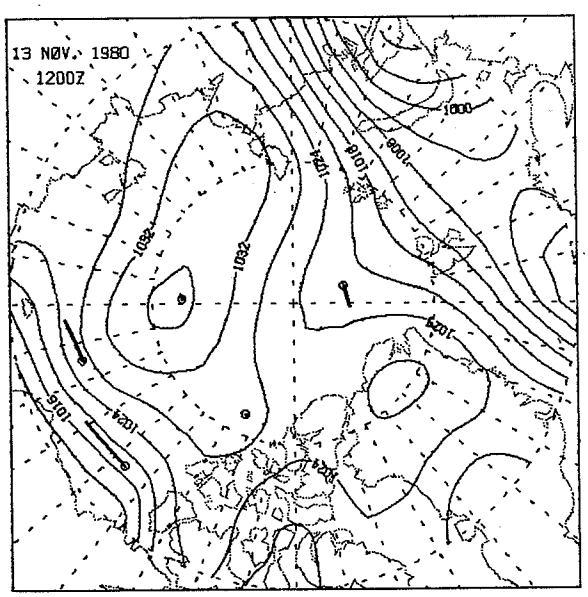
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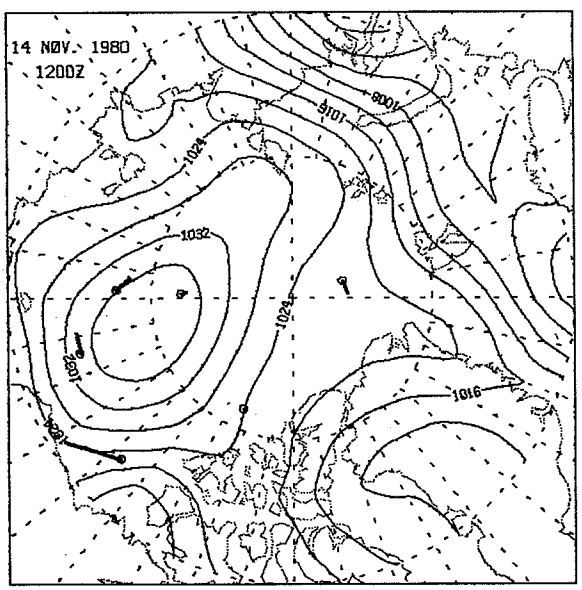
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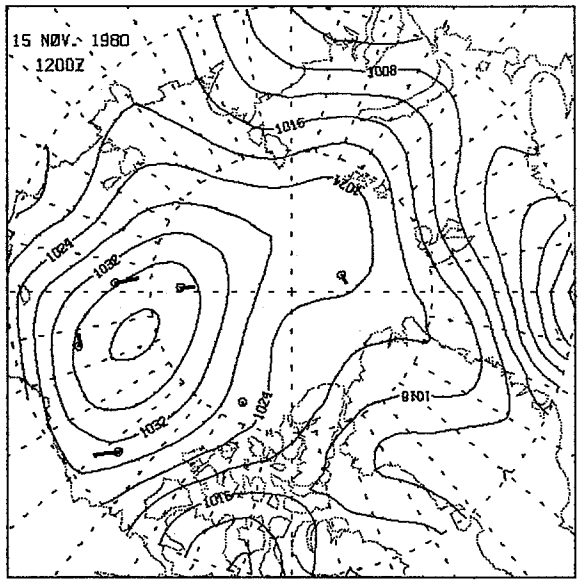
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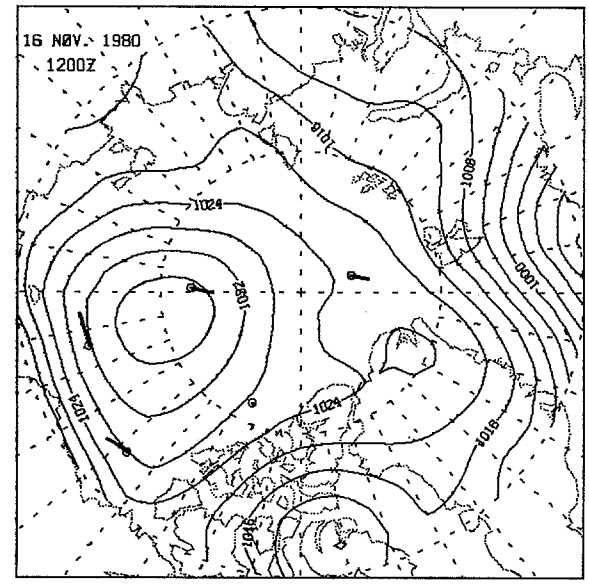
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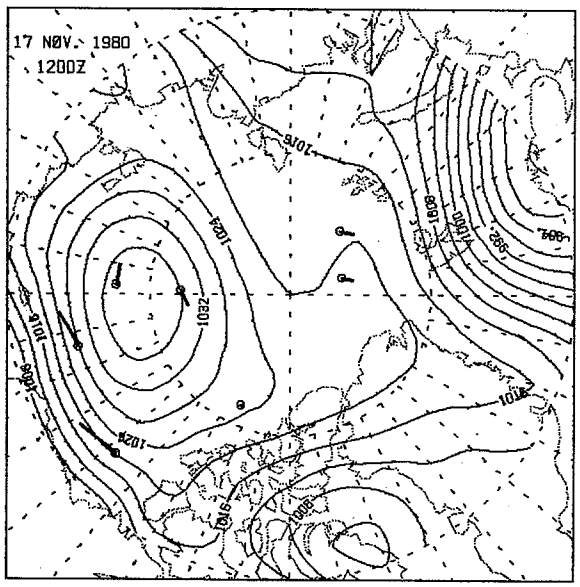
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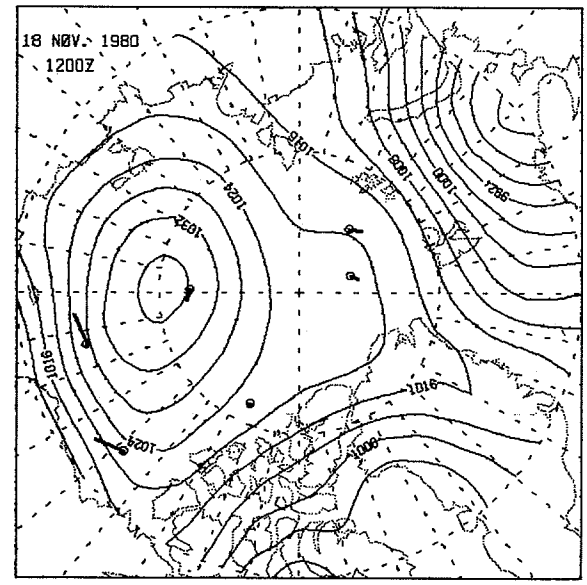
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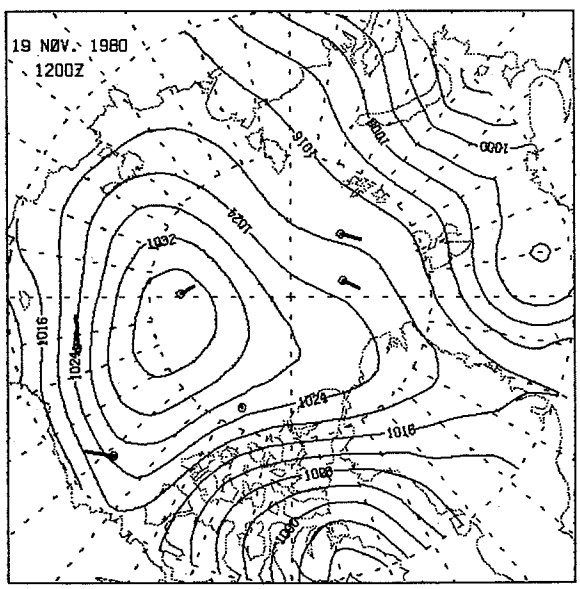
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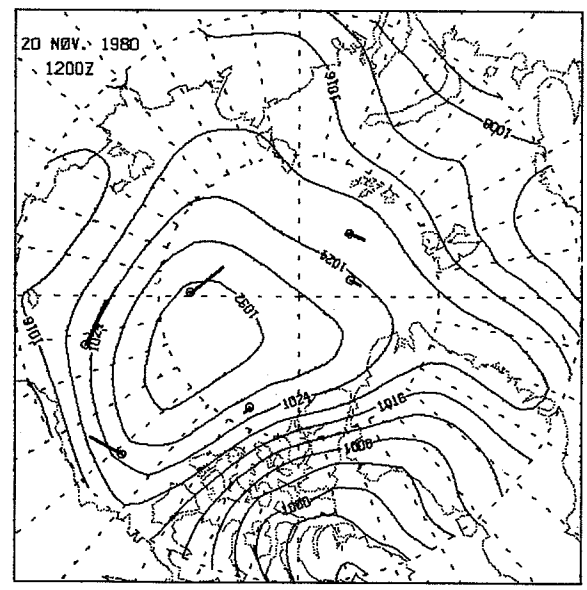
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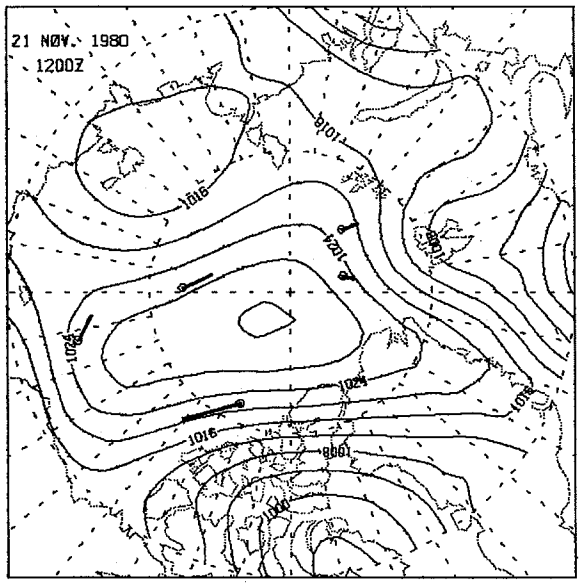
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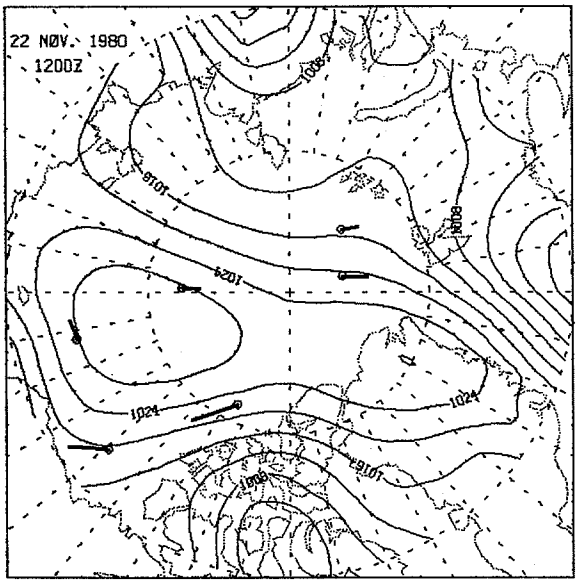
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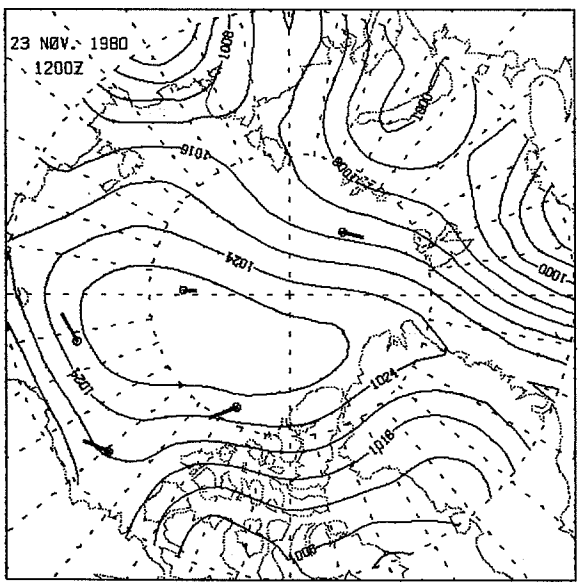
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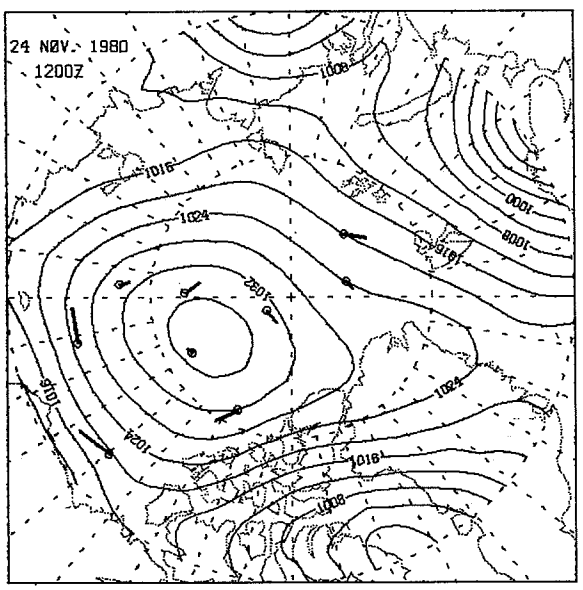
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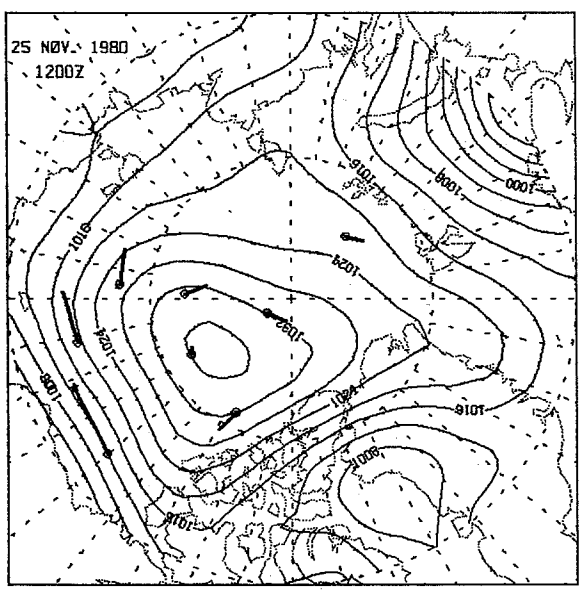
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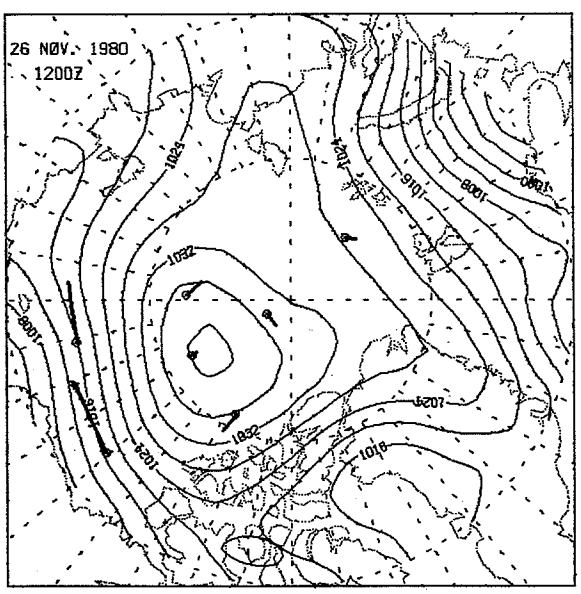
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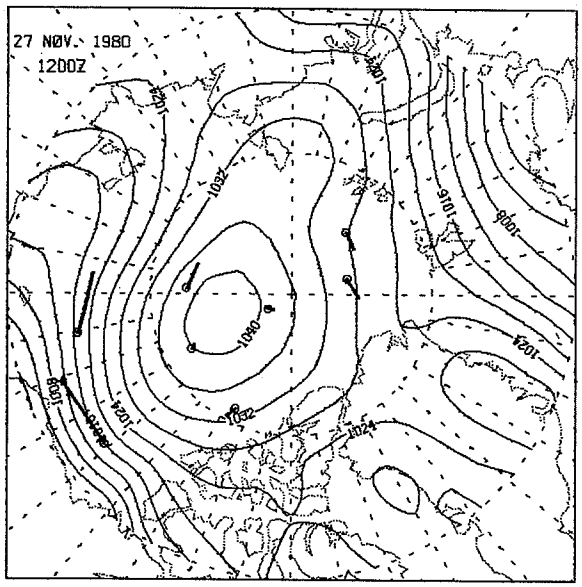
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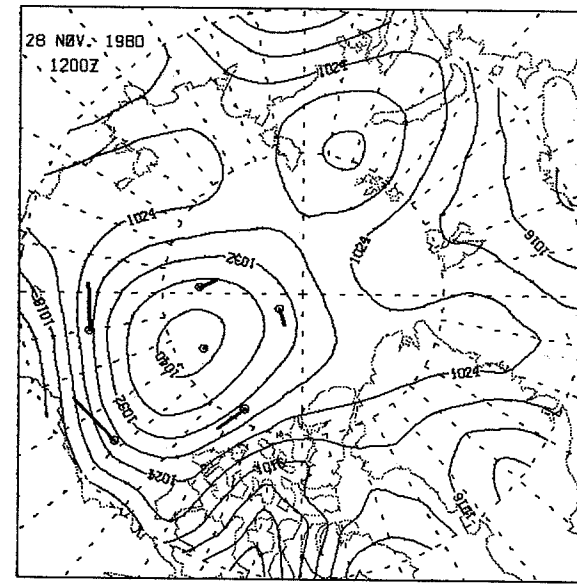
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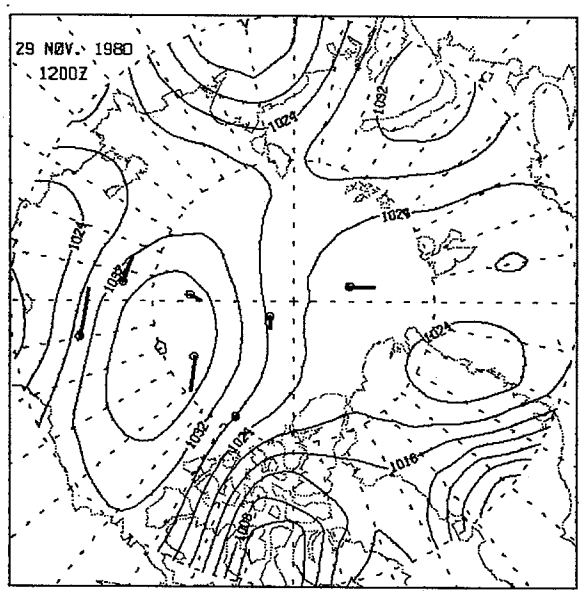
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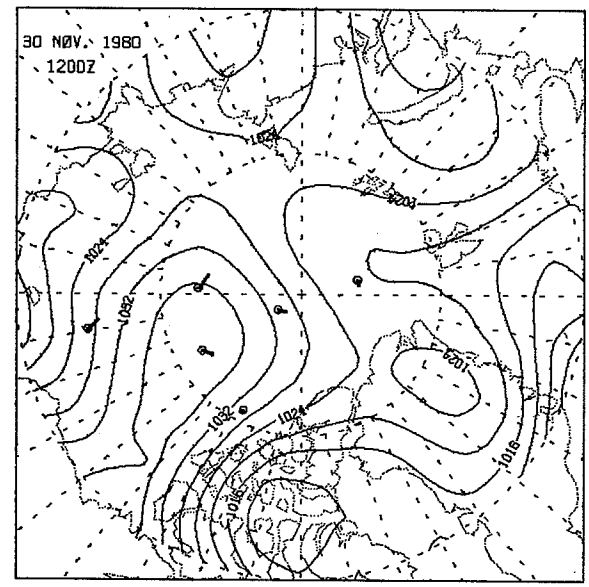
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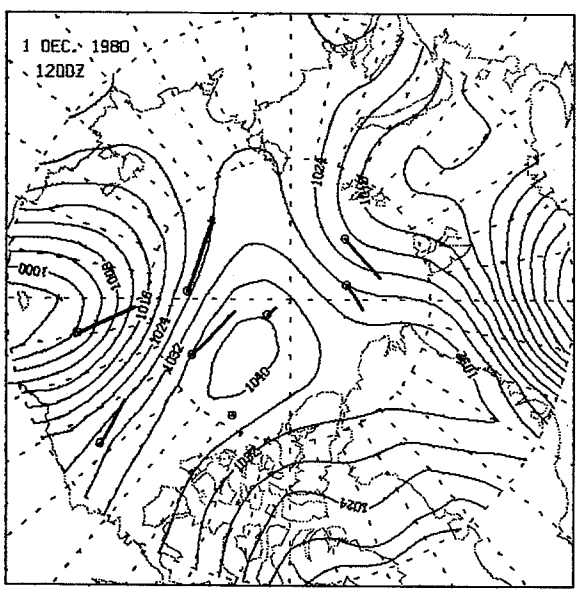
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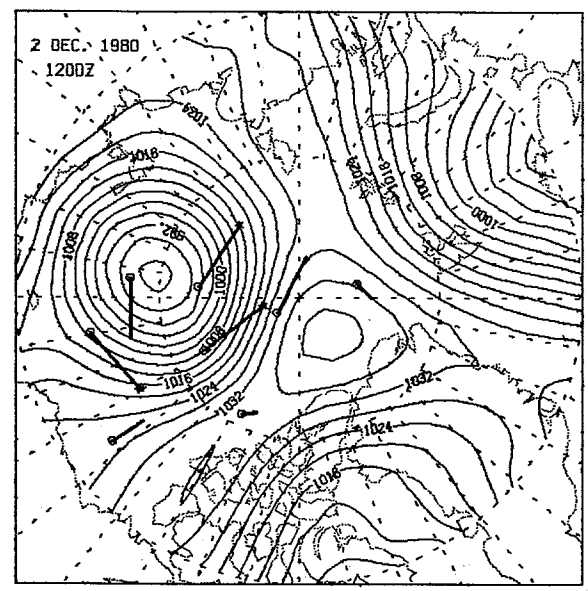
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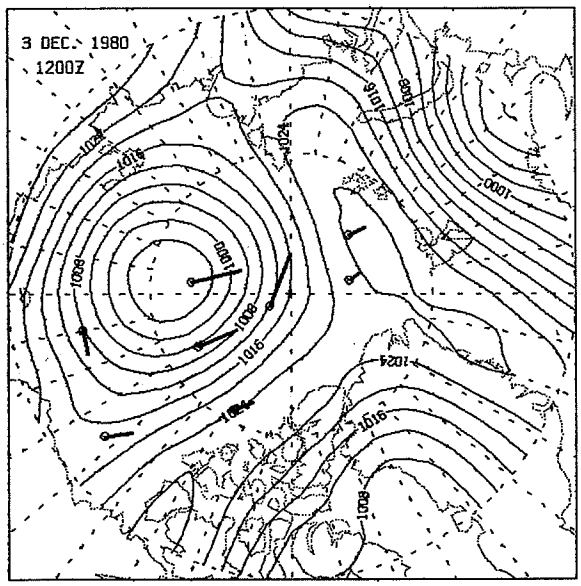
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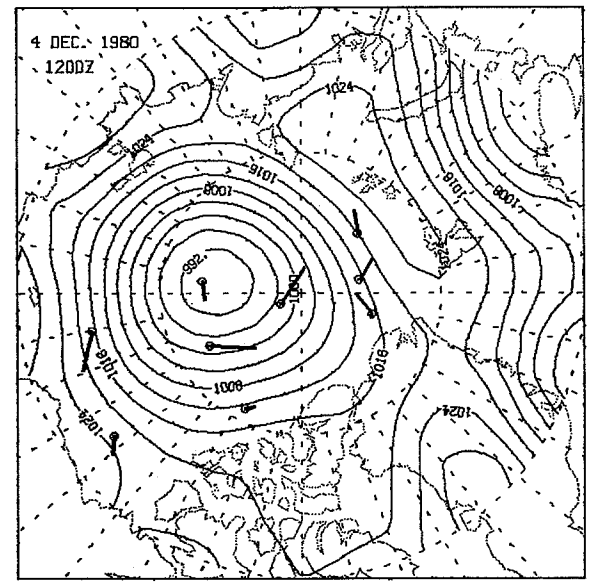
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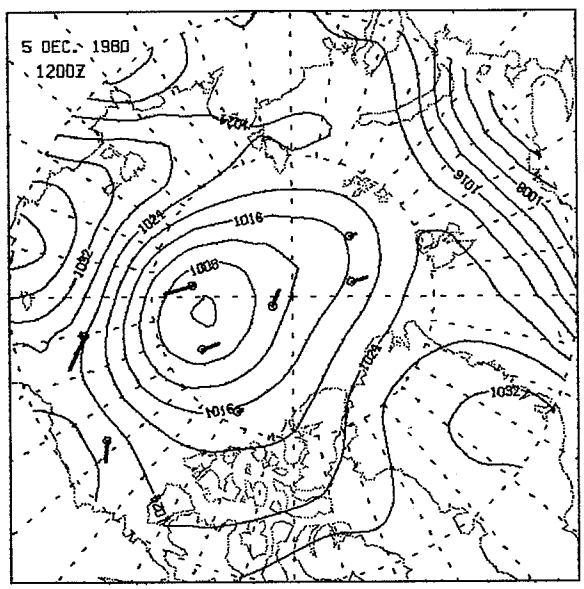
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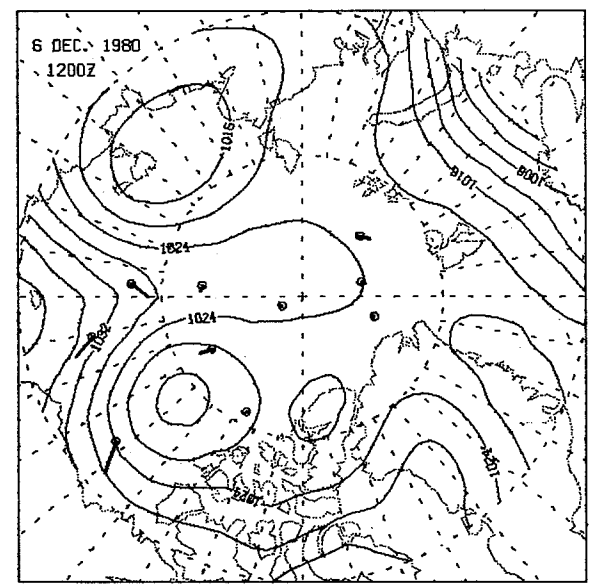
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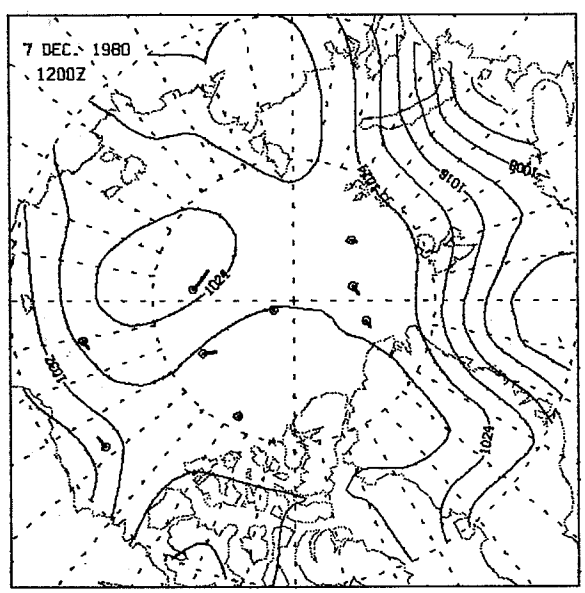
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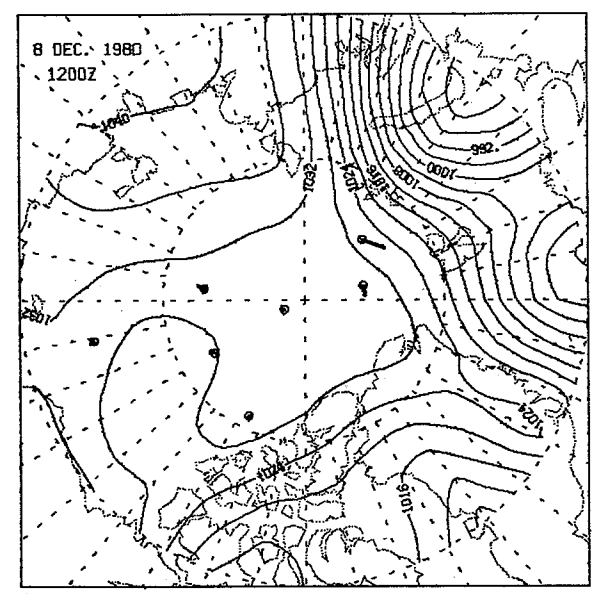
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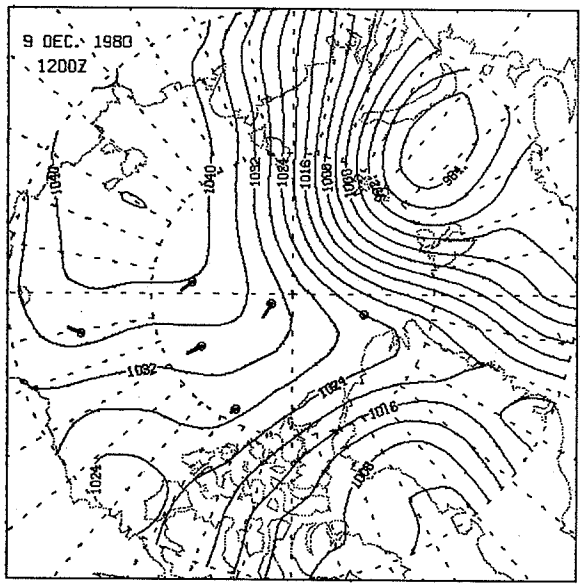
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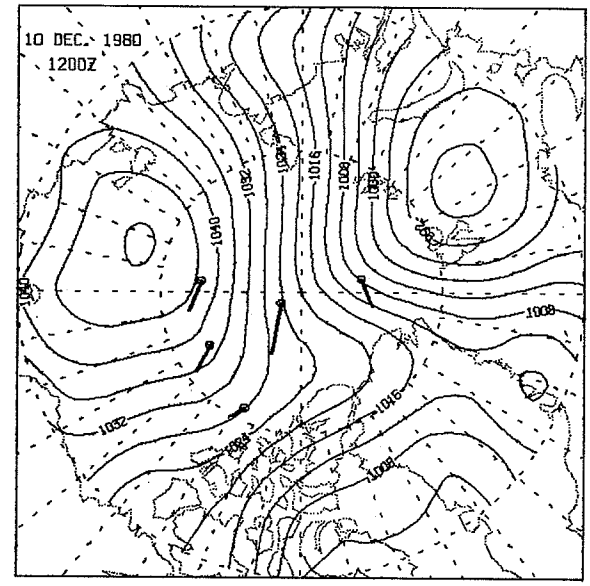
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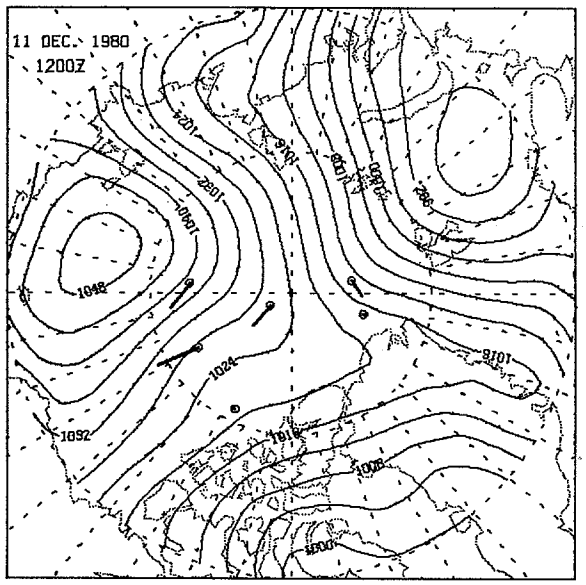
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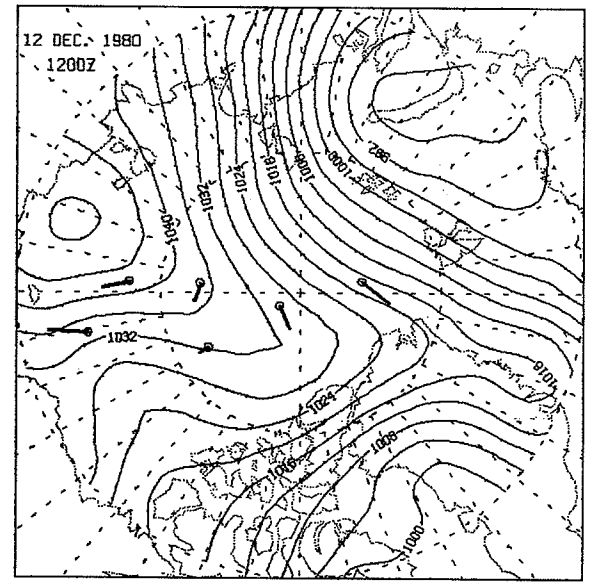
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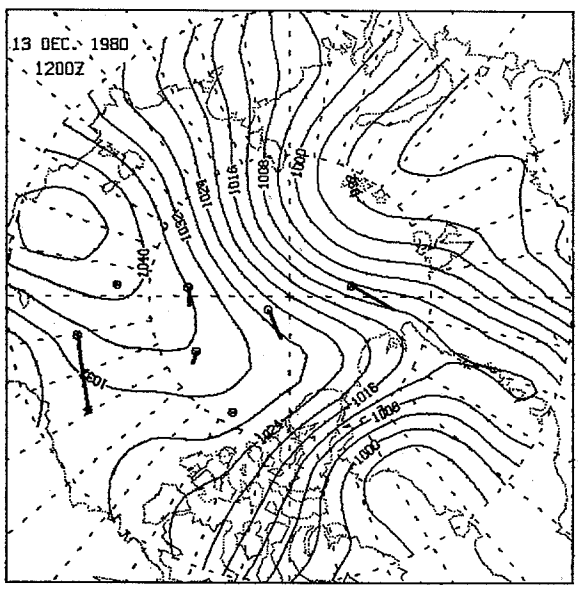
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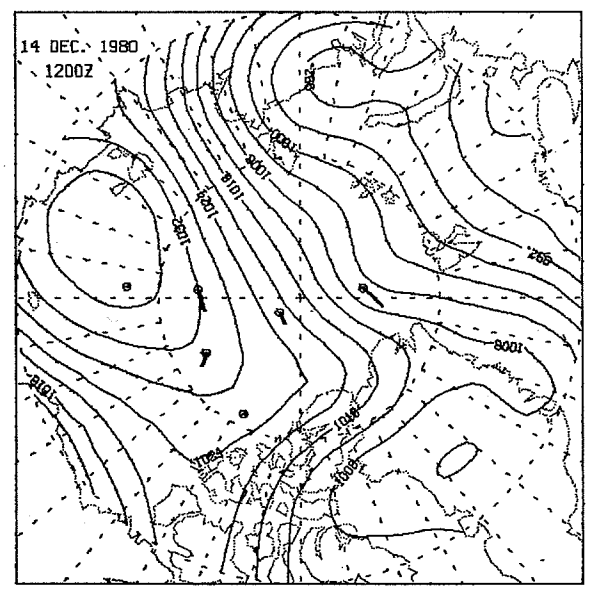
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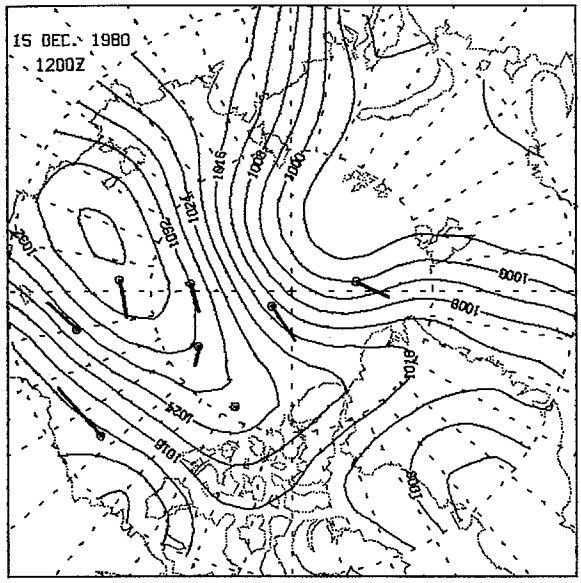
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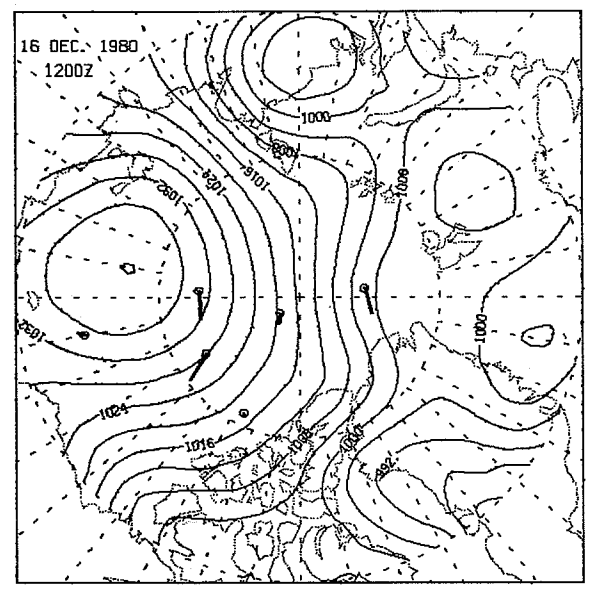
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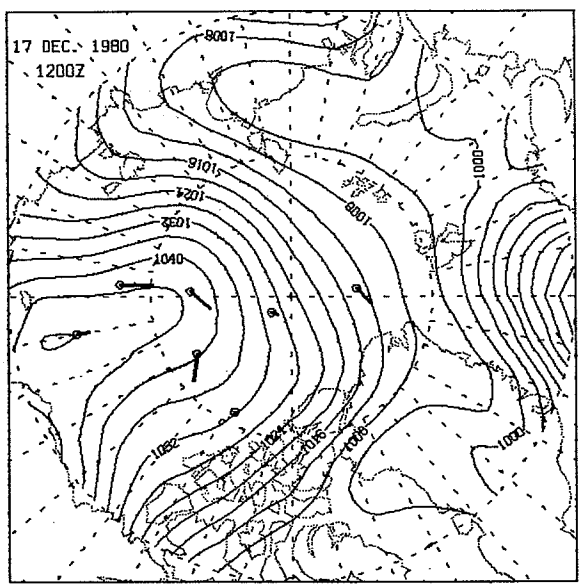
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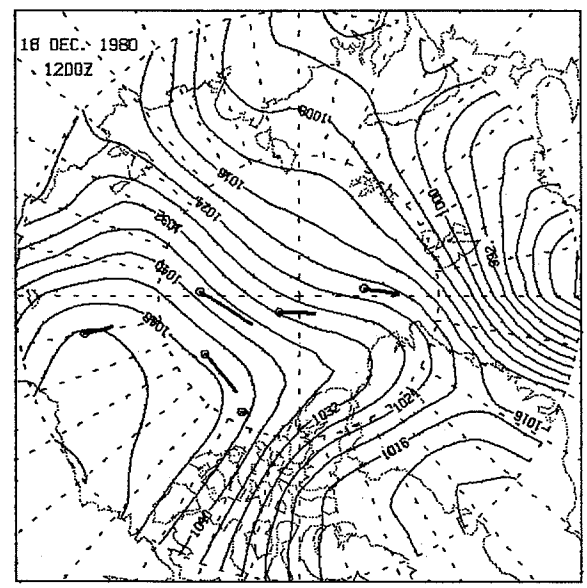
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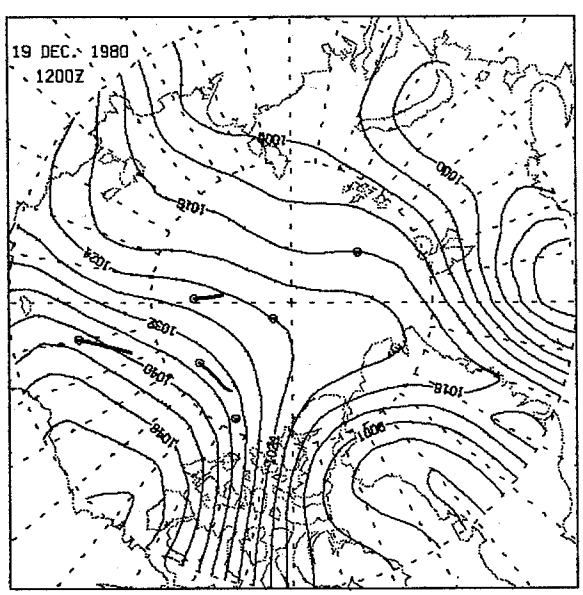
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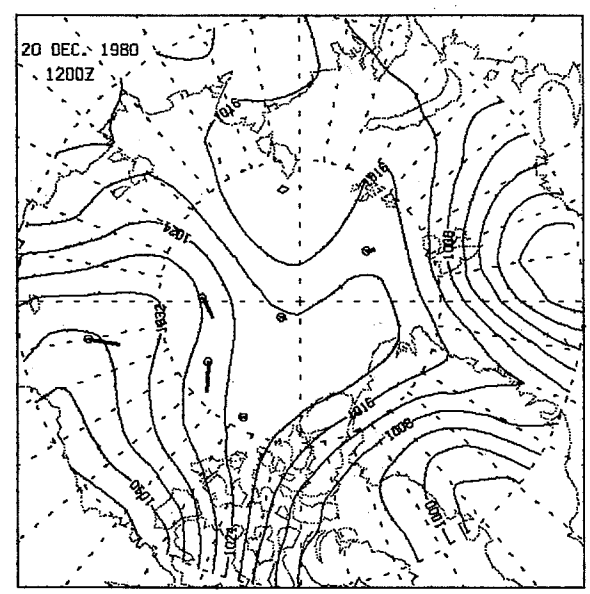
1200Z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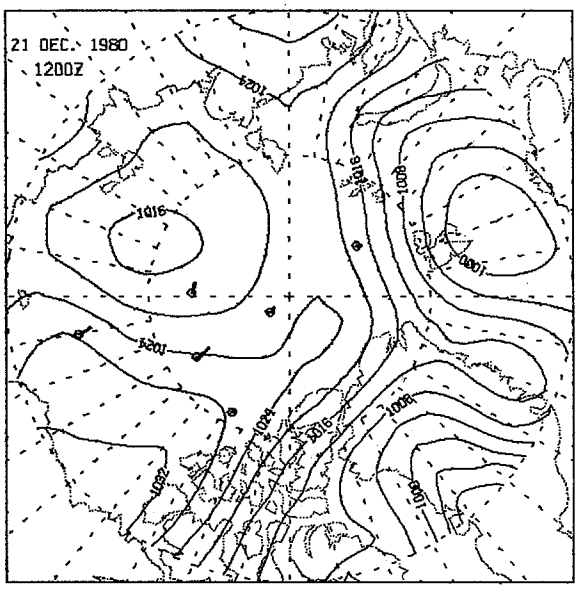
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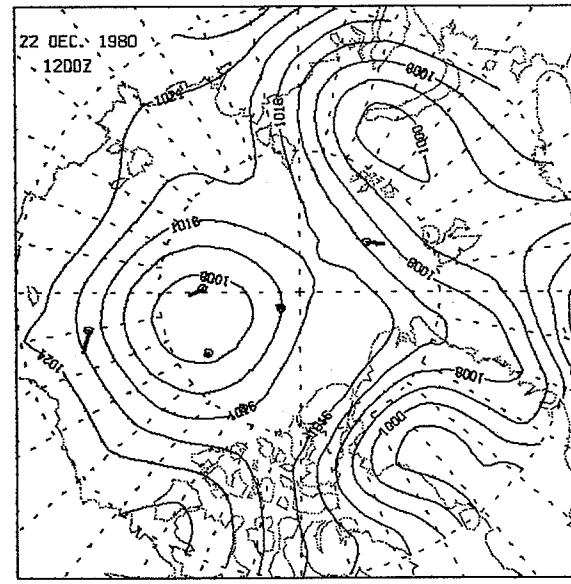
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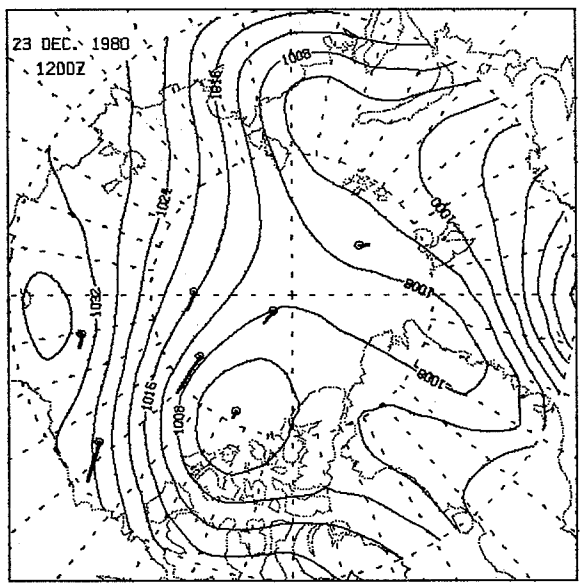
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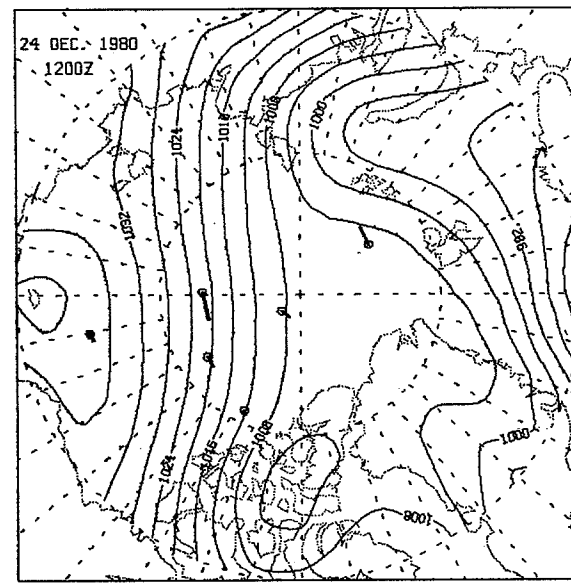
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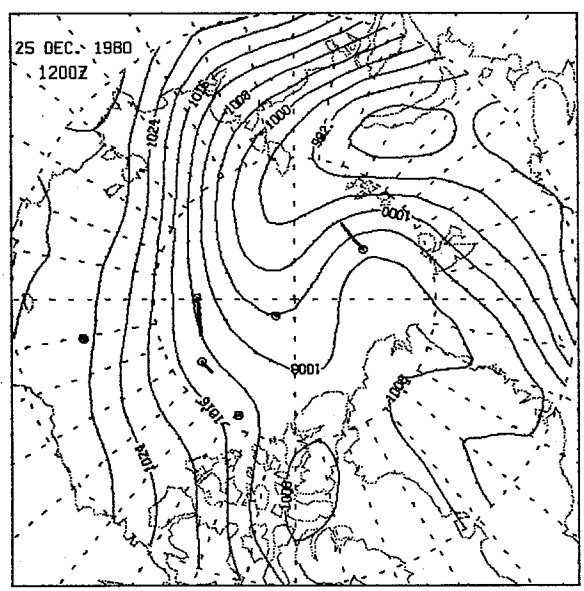
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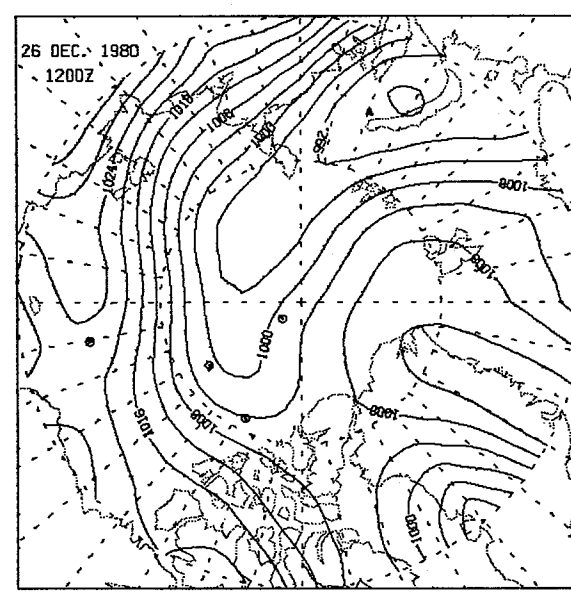
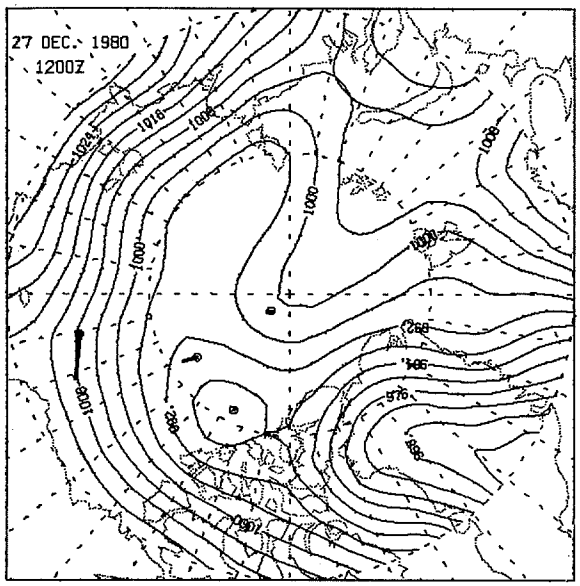

26 DEC. 1980
1200Z

27 DEC–30 DEC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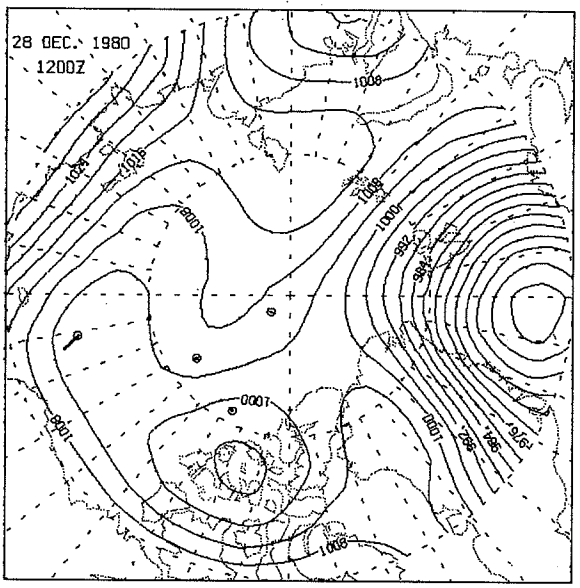
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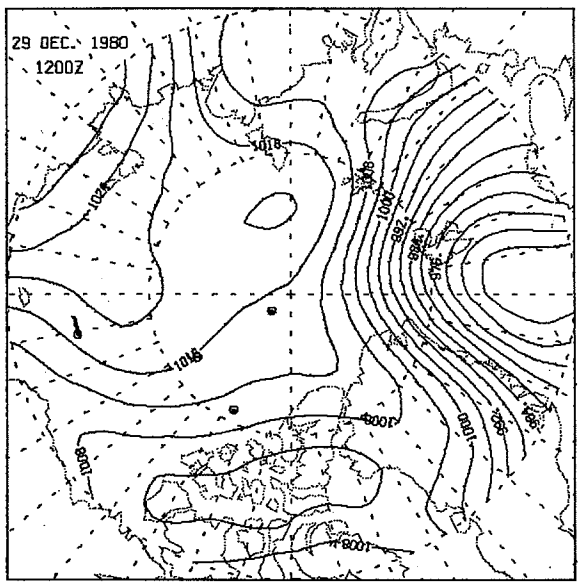
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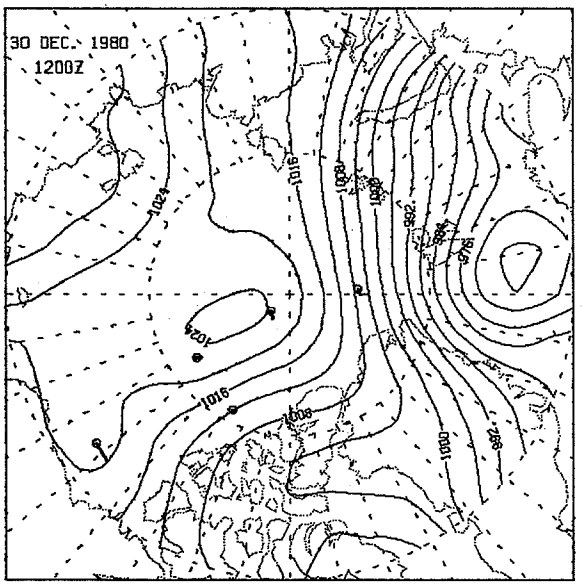
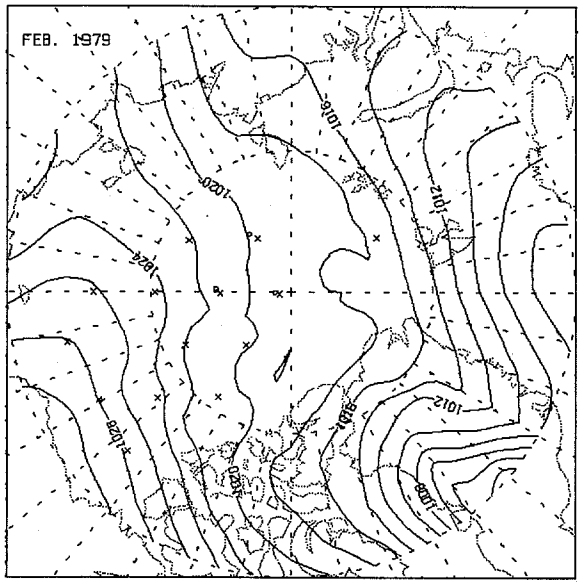
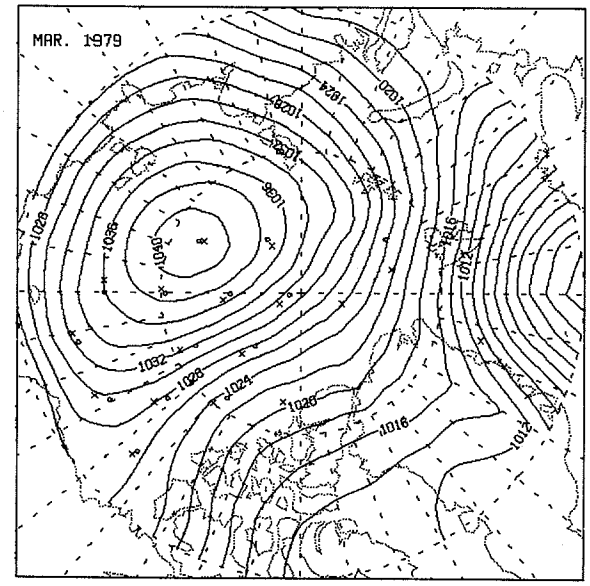
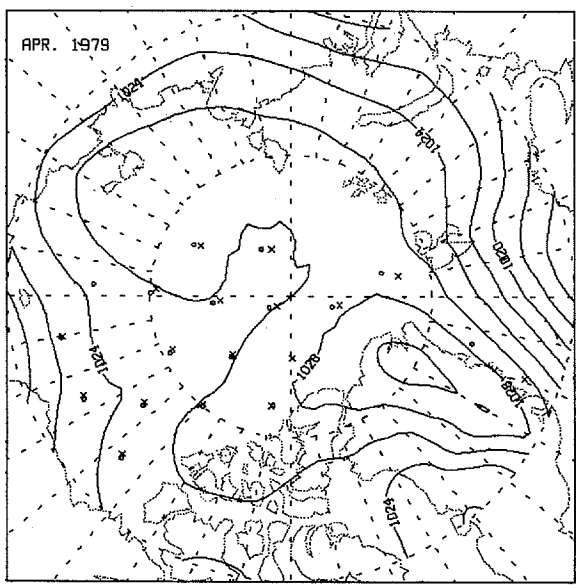

30 DEC. 1980
1200Z

Monthly average pressure fields. Average pressure fields are given for the months February 1979 through December 1980. The positions of buoys on the first and last day of each month are denoted by the symbols o and x.


FEB. 1979


MAR. 1979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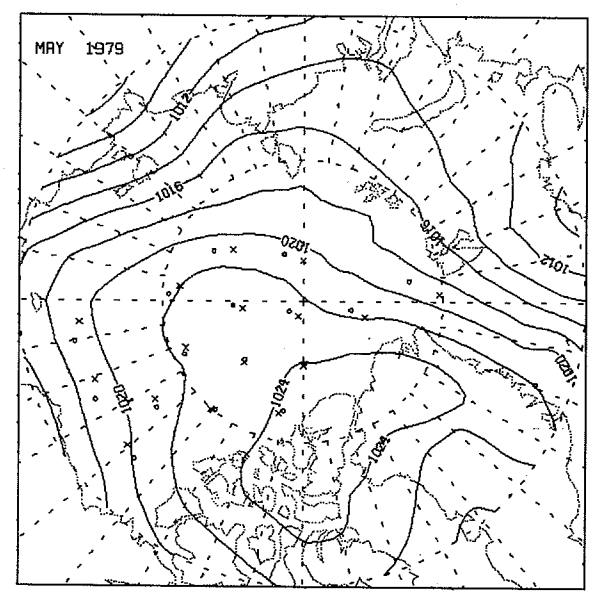
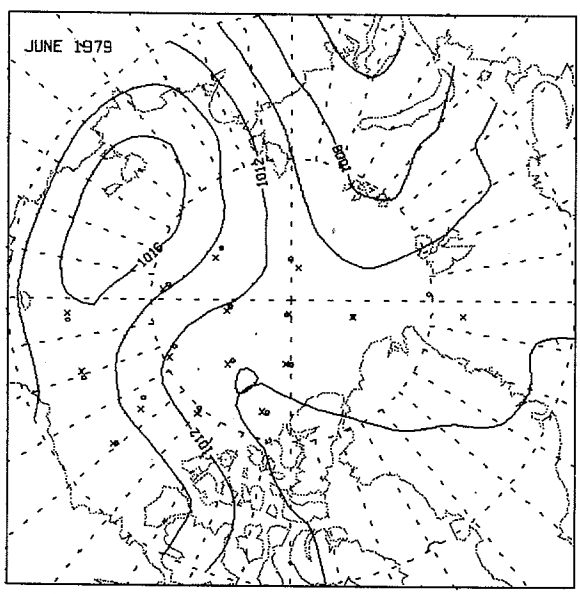

MAY 1979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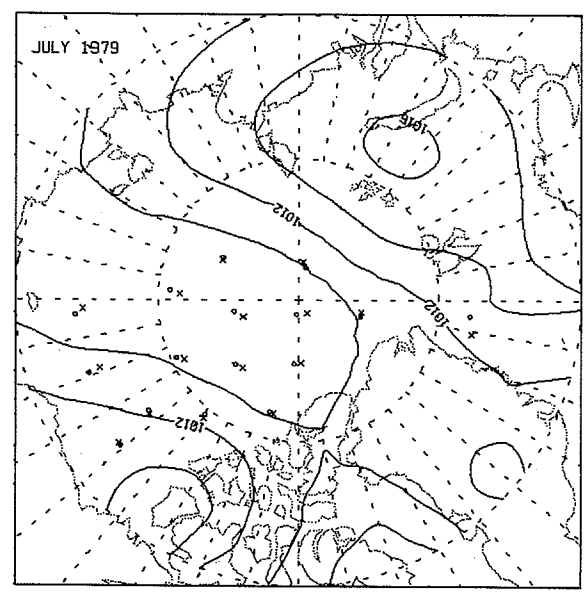
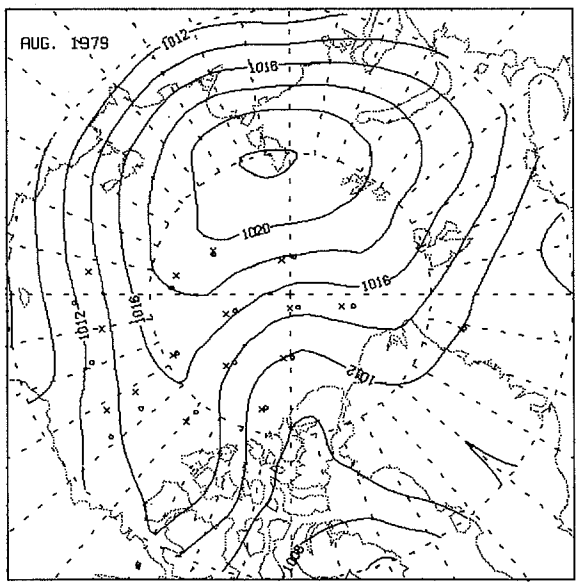

JULY 1979


AUG. 1979
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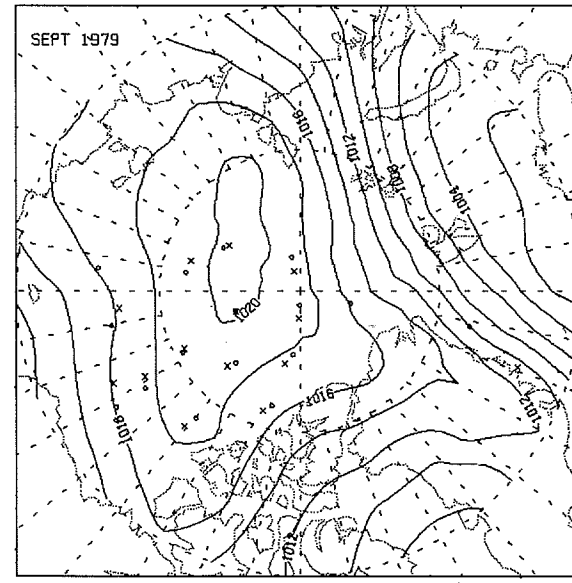
SEPT 1979
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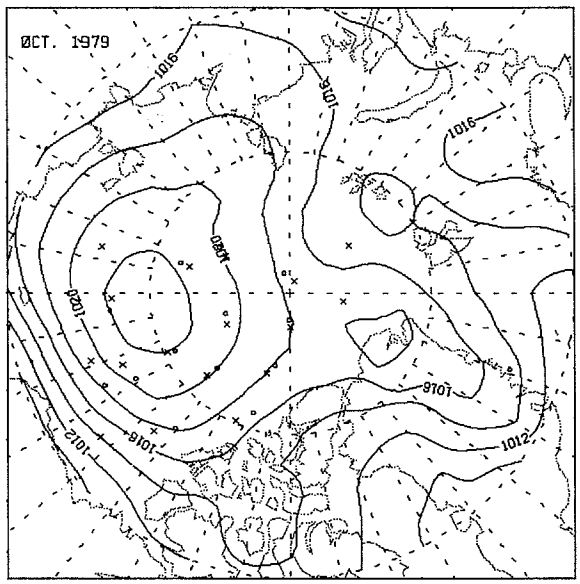
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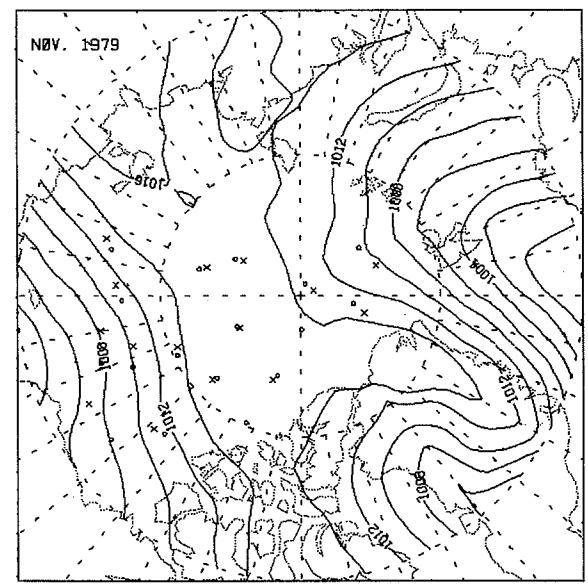
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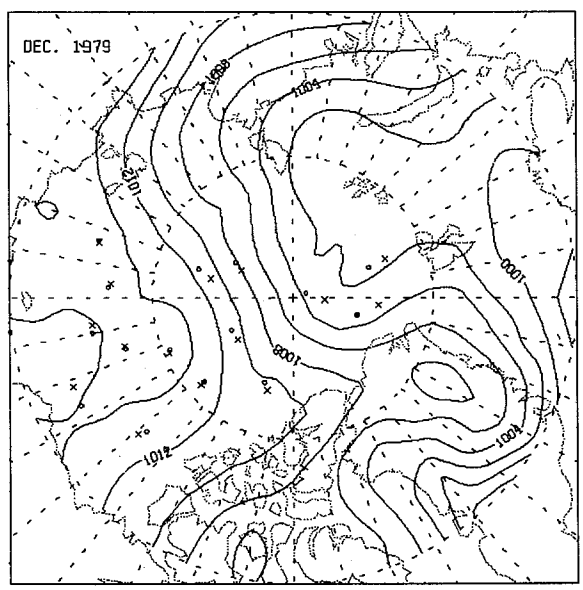
DEC. 1979
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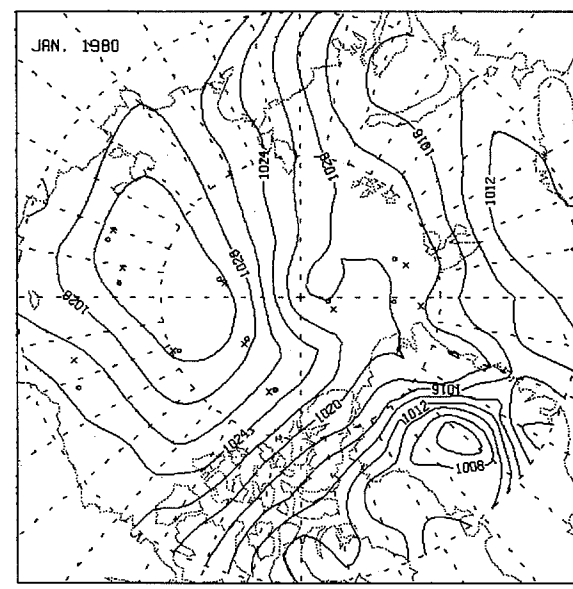
JAN. 1980
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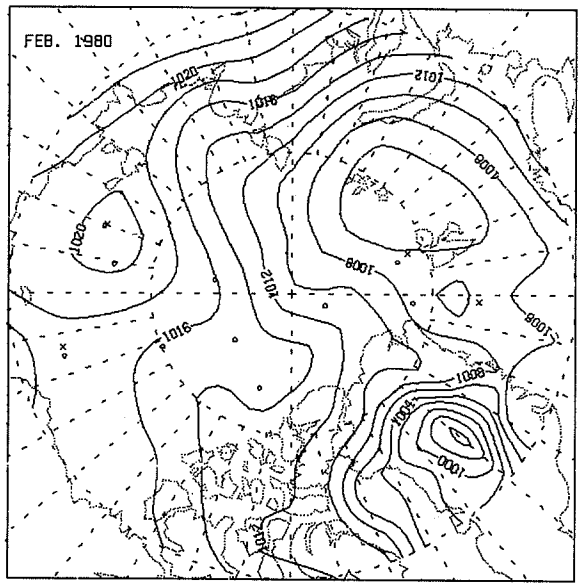
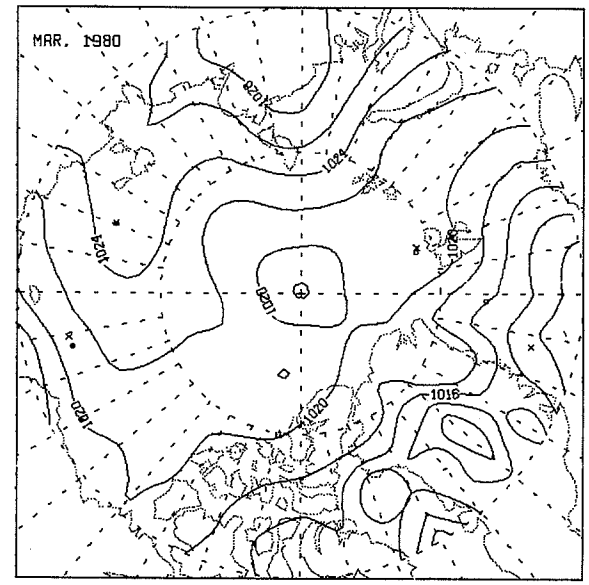
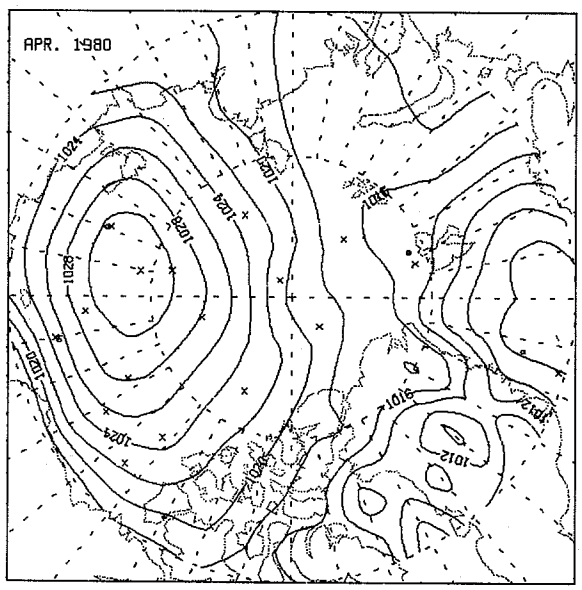
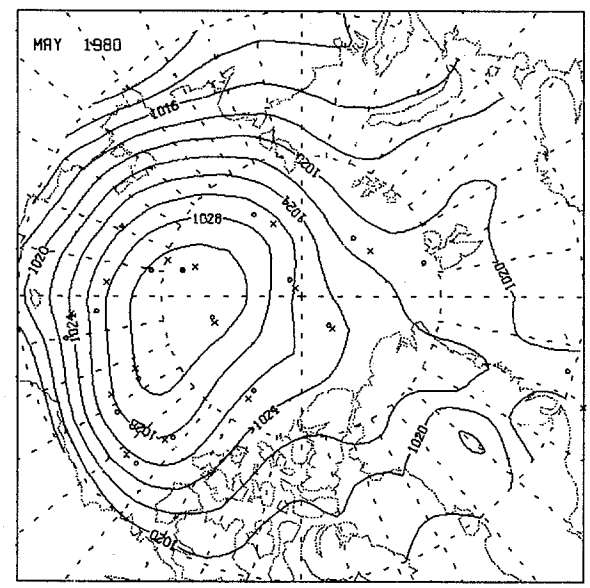
1008

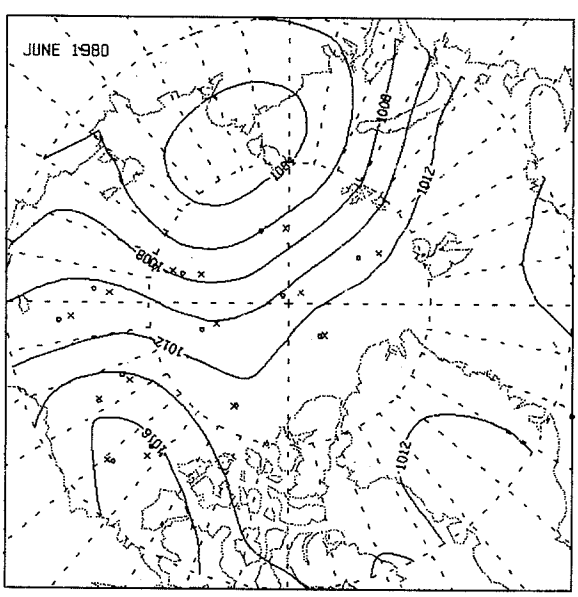
FEB 1980–JULY 1980

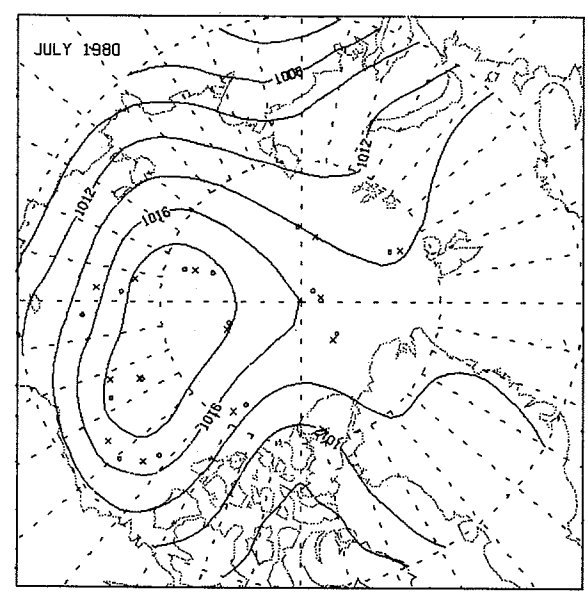


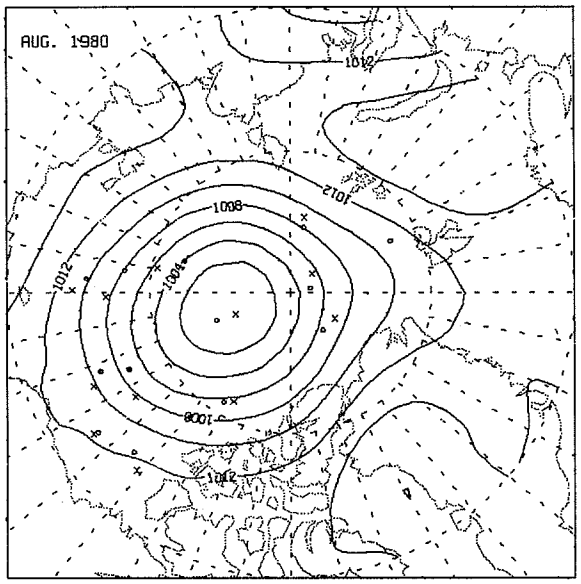











AUG. 1980
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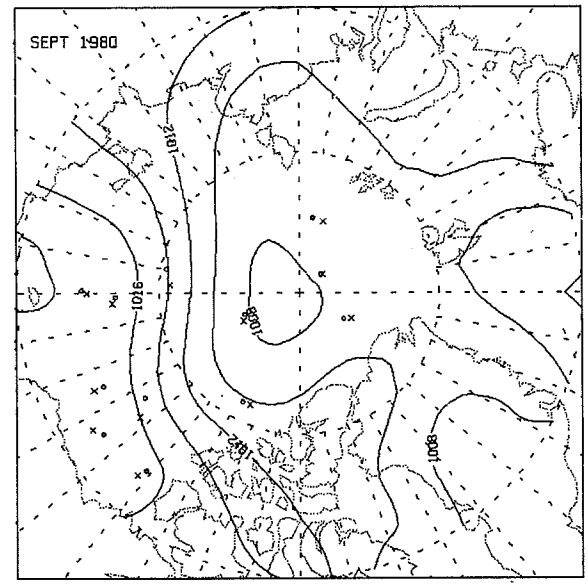
SEPT 1980
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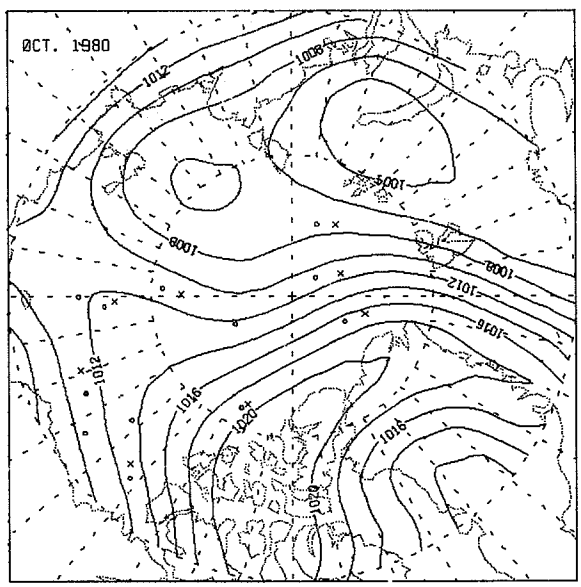
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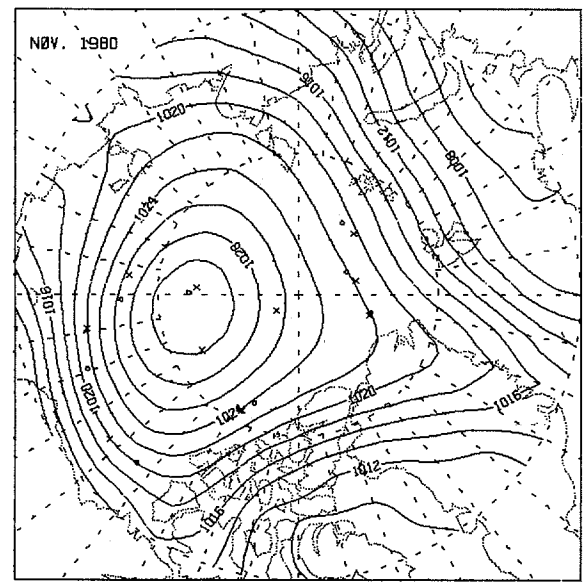
NØV. 1980
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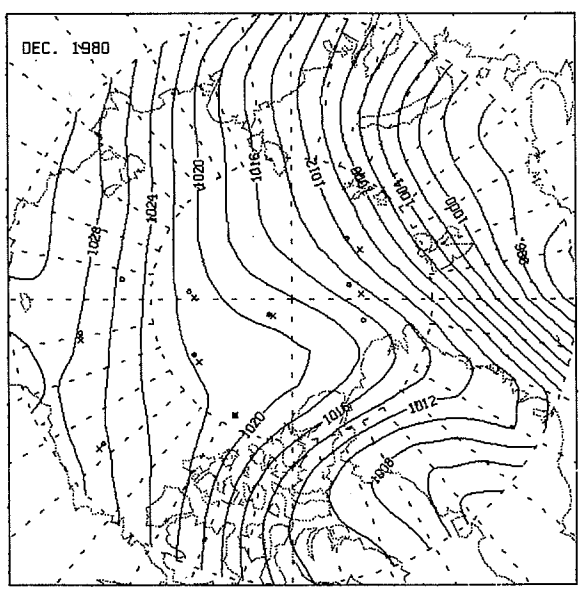
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