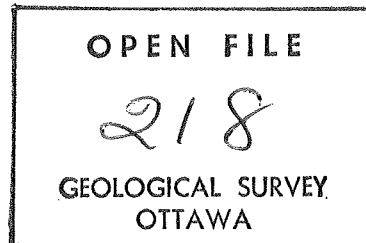


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GEOPHYSICAL SURVEY OF THE GULF OF MAINE

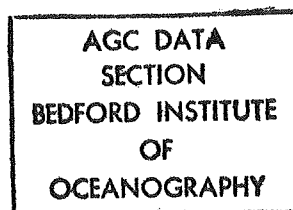
AND ADJACENT AREAS:

HUDSON 71-014 CRUISE

by

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Atlantic Geoscience Centre  
Geological Survey of Canada  
Department of Energy, Mines and Resources



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DATA SERIES

BI-D-74-2

The data contained in this report are also included on the  
Geological Survey of Canada Open File System.



### ABSTRACT

Representative profiles are presented of the gravity and magnetic fields and bathymetry of the Gulf of Maine as observed during cruise HUDSON 71-014. Magnetic field measurements are generally accurate to better than 50 gamma. Gravimeter tares of up to 42 mgal reduced the accuracy of gravity data, but isolation of and correction for those tares have produced gravity data accurate to approximately 5 to 10 mgal. A gravity low south of Cape Sable extends halfway across the continental shelf.

### RESUME

On présente des profils représentatifs des champs magnétiques et des champs de gravité, et de la bathymétrie du golfe de Maine comme ils ont été observés pendant la croisière HUDSON 71-014. En général les mesures des champs magnétiques ont une exactitude qui est meilleure que 50 gamma. Les tares du gravimètre, jusqu'à 42 mgal, ont réduit l'exactitude des données de gravité. Cependant, l'isolement de ces tares et leurs correction ont produit des données de gravité qui sont exactes jusqu'à 5 à 10 mgal approximativement. Un champ faible de gravité au sud du Cap Sable s'étend à mi-chemin de l'autre côté du plateau continental.





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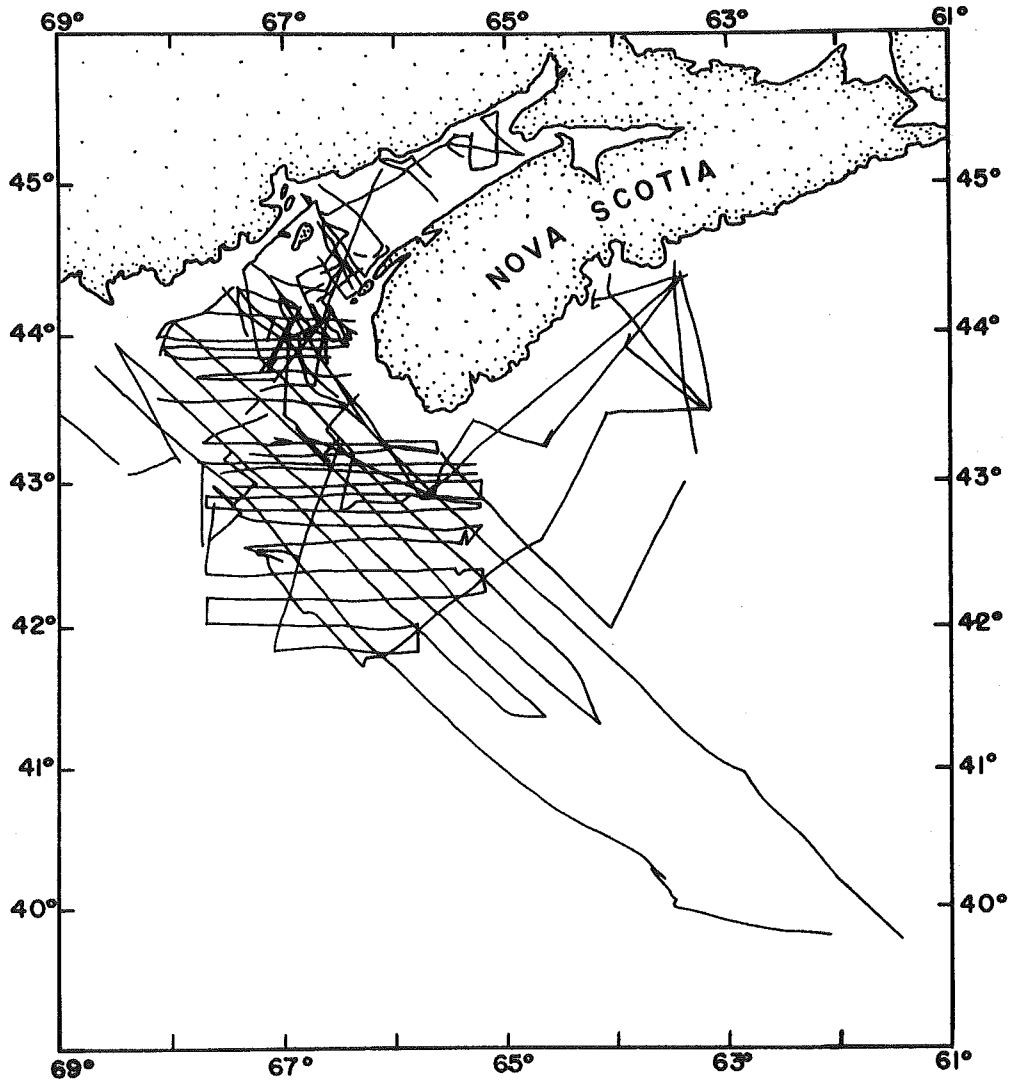


FIGURE 1

Hudson 71-014 survey lines in the Gulf of Maine and adjacent areas.

1. INTRODUCTION

Between April 19 and May 27, 1971 CSS *Hudson* completed a detailed geological and geophysical survey of the Gulf of Maine and adjacent areas (Fig. 1). This report describes the continuous gravity, magnetic and bathymetric data which were collected during that survey. The survey was divided into three phases (Table 1).

TABLE 1

Survey Phases: HUDSON 71-014

<u>Phase No.</u>	<u>Dates</u>	<u>Ports of Call</u>
1	April 19-May 7	BIO - BIO
2	May 11-May 24	BIO - Saint John, N.B.
3	May 24-May 27	Saint John, N.B. - BIO

2. INSTRUMENTATION

Total magnetic field data were obtained in digital form at 6-second intervals using a Barringer OM103 Proton Precession Magnetometer. The data were also recorded in analogue form on a Hewlett Packard 680 analogue recorder.

Gravity data were obtained using a Graf-Askania Gss2 gravimeter mounted on an Anschutz electrically-erected gyro-stabilized platform. The gravity data and cross coupling error were recorded continuously in analogue form on a Hewlett Packard 7100B two-channel recorder and digitally every minute as a value averaged over the preceding 50 seconds.

The digital gravity and magnetic data were recorded together with the Julian day and Universal time on punched paper tape using BIODAL, the Bedford Institute Oceanographic Data Logging System (MacPhee, 1969).

Bathymetric data were obtained using a Giffit transceiver to drive a 10 kHz Edo transducer mounted on a retractable ram extending 4 feet below the ship's hull, with the data being recorded on an Alpine PESR.

### 3. DATA PROCESSING AND REDUCTION

Preliminary computations of free air gravity anomalies and magnetic anomalies were carried out at sea using a PDP-8 computer. Final computations were made on the CDC 3150 computer at Bedford Institute.

#### 3.1 Magnetics

The Earth's total magnetic field was computed each minute from the readings recorded at 6-second intervals by averaging the value recorded at the minute with the five previous and four following readings. The magnetic anomaly was obtained by subtracting the International Geomagnetic Reference Field (IAGA Comm. 2, 1969) from each averaged value of the total magnetic field.

#### 3.2 Gravity

The basic output from the gravimeter is a voltage which, in the Bedford Institute digitizing system, is amplified and input to a voltage controlled oscillator (VCO). Its output frequency is counted for 50 seconds to provide the 1-minute interval averaged values. The VCO frequency is such that between a minimum count of 60000 and a maximum count of 70000 a measuring 'window' of approximately 150 mgal is available. Values outside that window may be measured by changing the setting of the upper spring by an appropriate number of measuring spring divisions (MSD) which effectively resets the position of the 150 mgal wide window. At any point of measurement, therefore, the observed gravity value is a function of

the setting of the measuring spring and the VCO count, relative to the spring setting and the VCO count at the base station.

The observed value of gravity at sea,  $g_{\text{obs}}$  (in mgal), was calculated from:

$$g_{\text{obs}} = g_{\text{base}} + C \cdot (\text{ref}_{\text{MSD}} - \text{obs}_{\text{MSD}}) + V \cdot (\text{ref}_{\text{VCO}} - \text{obs}_{\text{VCO}}) \quad (1)$$

where  $g_{\text{base}}$  = gravity at base station (mgal),

C = number of mgal for each upper spring division (MSD),

V = number of mgal for each VCO count,

$\text{ref}_{\text{MSD}}$  = value of upper spring at base station,

$\text{ref}_{\text{VCO}}$  = VCO count at the base station,

$\text{obs}_{\text{MSD}}$  = value of upper spring at point of observation,

$\text{obs}_{\text{VCO}}$  = VCO count at point of observation.

The values of  $g_{\text{base}}$ , V,  $\text{ref}_{\text{MSD}}$ , and  $\text{ref}_{\text{VCO}}$  were obtained in port at the beginning of each phase of the cruise, these values being given in Table 2. For the Hudson 71-014 survey a value for C of 0.504 mgal/MSD was assumed, this being the value provided by the manufacturer.

The value of  $g_{\text{base}}$  at Bedford Institute had been accurately determined before the geophysical survey. The value of  $g_{\text{base}}$  at Hudson's berth at Saint John, N.B., was obtained by tying it to the land base station at the RCMP Headquarters in Saint John, N.B., with a LaCoste gravimeter on loan from the Earth Physics Branch.



TABLE 2

Constants Used in the Computation of Observed Gravity,  $g_{obs}$

<u>Values for</u>	<u>Day/Time of Measurement</u>	<u>Port</u>	<u><math>g_{base}</math> (mgal)</u>	<u>ref<sub>MSD</sub></u>	<u>ref<sub>VCO</sub></u>	<u>V(mgal/VCO count)</u>
Phase 1	101/1700Z	Bedford Inst.	980578.94	2970.7	60173.6	0.011549
Phase 2	127/1300Z	Bedford Inst.	980578.94	3015.9	60187.1	0.011238
Phase 3	144/1212Z	Saint John, N.B.	980672.13	3168.7	60179.6	0.012324
	148/1500Z	Bedford Inst.	980578.94	2984.5	60176.9	0.012330

3.2.1 Computation of Free Air Gravity Anomalies

The free air gravity anomaly ( $\Delta g$ ) was obtained from:

$$\Delta g = g_{obs} - g_{theor} - E.C. \quad (2)$$

where  $g_{obs}$  = observed gravity at sea (mgal),  
 $g_{theor}$  = gravity predicted by the 1930 International Gravity  
 formula at the observation latitude,  
 E.C. = Eötvös correction (mgal) given by

$$E.C. = 7.487 V_e \cdot \sin(\text{course}) \cdot \cos(\text{lat}) + 0.00415 V_e^2 \quad (3)$$

where  $V_e$  = velocity of vessel (knots),  
 course = true course of vessel,  
 lat = latitude of observation.

The Eötvös correction was computed as a constant value between navigational fixes (either satellite fixes or fixes obtained by track adjustment taking into account ship's speed, log and other navigation

data) and applied to all intermediate gravity readings.

### 3.2.2 Base Stations

The values of  $g_{\text{base}}$  are given in Table 2 for Bedford Institute and Saint John, New Brunswick, occupied during the survey. At the end of each phase of the cruise (Table 1) a predicted value of gravity was computed from (1) and compared with the known gravity,  $g_{\text{base}}$ . The discrepancy between the predicted and observed gravity value gives an indication of the accuracy of the observations during the previous phase and can be used to check for errors in the operation of the gravimeter. Table 3 summarizes the discrepancies for cruise HUDSON 71-014.

TABLE 3

Gravity Base Station Connections

<u>Day/Time</u>	<u>Port</u>	<u><math>g_{\text{base}}</math></u>	<u>Predicted Gravity</u>	<u>Discrepancy (mgal)</u>	<u>End of</u>
101/1700Z	Bedford Inst.	980578.94	-	-	-
127/1300Z	Bedford Inst.	980578.94	980601.82	+22.88	Phase 1
144/1212Z	Saint John, N.B.	980672.13	980655.53	-16.60	Phase 2
148/1500Z	Bedford Inst.	980578.94	980579.67	+0.73	Phase 3

It is clear from Table 3 that phases 1 and 2 are associated with unusually large discrepancies on arrival at port. Normally, the discrepancies are small and are attributed to linear drift of the meter.

### 3.2.3 Discrepancies Between Free-Air Gravity Anomalies at Ship's Track Intersections

To investigate the cause of the large discrepancies in the computed free air anomalies at the end of phases 1 and 2 a systematic

analysis was made of free air anomalies at the intersections of ship's tracks during each of the phases. The analysis showed a wide scatter of discrepancies (Fig. 2a). When tabulated according to periods of time during the phases it was apparent that the discrepancies had generally constant values for periods of time varying from 5 hours to 6 days. The discrepancies were attributed to constant displacements of the beam at irregular intervals of time, generally referred to as 'tares'. In one case (at 1000Z on day 138) it was possible to observe the displacement on the chart recorder.

The evaluation of the magnitude of the tares between ports can only be attempted when a large number of intersecting ship's tracks are available. During the HUDSON 71-014 cruise a total of 89 intersections occurred. In addition, there were 23 comparisons (Appendix A) between the HUDSON 71-014 gravity data and those collected on previous surveys in the area. Even with a large number of intersections, however, it is important to note that apart from the tares other errors in the measurement of gravity at sea contribute to discrepancies. The estimate made here of the magnitude of the tares for any period of time during any phase can only be regarded as tentative until more data can be incorporated.

#### 3.2.4 Reduction to 'Corrected' Free Air Anomalies

The computer reduction of HUDSON 71-014 gravity data was carried out in two stages.

- (1) Stage 1. A 'raw' free air anomaly data file was prepared containing anomalies computed in the normal way based on the value of  $g_{base}$  at the start of a phase. Because of the magnitude of the discrepancies obtained at the end of phases 1 and 2 (Table 3) no corrections could be applied for instrument drift.

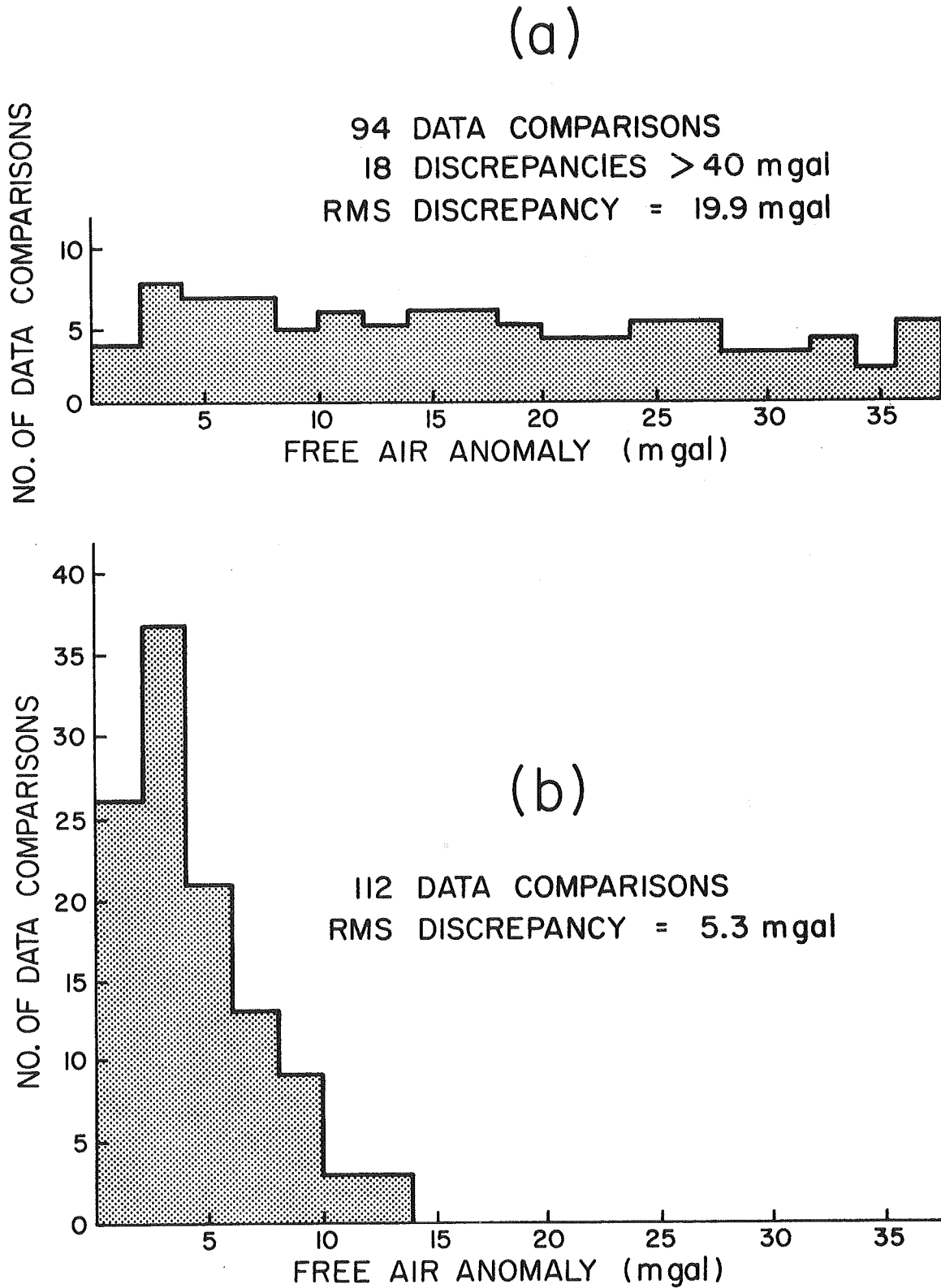


FIGURE 2  
Histogram of discrepancies between free-air anomalies at ship's track intersections using (a) 'raw' free air anomalies, and (b) 'corrected' free air anomalies.

(2) Stage 2. It was noticed that the large discrepancies computed at the ends of phases 1 and 2 (Table 3) when applied to data collected during the final three or four days of that phase significantly reduced the magnitude of the track intersection discrepancies. During each phase the time of a major discrepancy was approximately known (1000Z/116 for phase 1 and 1000Z/138 for phase 2). The first part of stage 2 was to refer the gravity values *up* to the time of the major tare during each phase to the *preceding* gravity base station and to refer the values *after* the tare to the *following* base station. Analysis of the track discrepancies then showed a considerable improvement.

The second part of stage 2 involved the application of smaller internal displacements deduced from systematic analysis of the 112 track intersections. Phases 1 and 2 were divided into periods for each of which a constant displacement (Table 4) was determined to apply to the free air anomalies computed in stage 1 of the reduction.

The result of stage 2 reduction was the preparation of a 'corrected' free air anomaly data file. The distribution of discrepancies between 'corrected' free air anomalies at the intersection of ships' tracks is shown in Figure 2b.

### 3.3 Bathymetry

The bathymetry data read from the Alpine PESR recorder were transferred to punched cards, each card giving the date and time of recording together with the depth of water. These data were then merged with the navigation, gravity and magnetic data in the course of producing the output results tape. No corrections were made for variations in sound velocity, a constant value of 4800 feet per second being assumed.

TABLE 4

Estimates of Displacements (Tares), Phases 1 and 2

<u>Phase</u>	<u>Displacement (tare) Ident.</u>	<u>Period</u>	<u>Correction to be made for the Displacement</u>	<u>Confidence</u>
1	A	1530/109-1738/110	none	good
	B	1816/110-0812/116	- 9	fair
	C	1000/116-2358/116	-27	fair
	D	0002/117-2309/117	-20	fair
	E	2331/117-1828/120	-37	good
	F	1838/120-1200/127	-23	good
2	A	0210/131-2110/134	none	good
	B	2116/134-0558/135	-11	fair
	C	0602/135-1200/135	-20	fair
	D	0120/136-2358/137	-27	poor
	E	0002/138-1000/138	-49	fair
	F	1030/138-2358/138	- 7	poor
	G	0002/139-0514/144	+14	fair
	H	0952/144-1700/144	+17	good

4. DATA ACCURACY

An estimate of the over-all accuracy of the magnetic, gravity and bathymetry data can be determined from an analysis of the data at ship's track intersections and from comparison with data from previous geophysical surveys in the area.

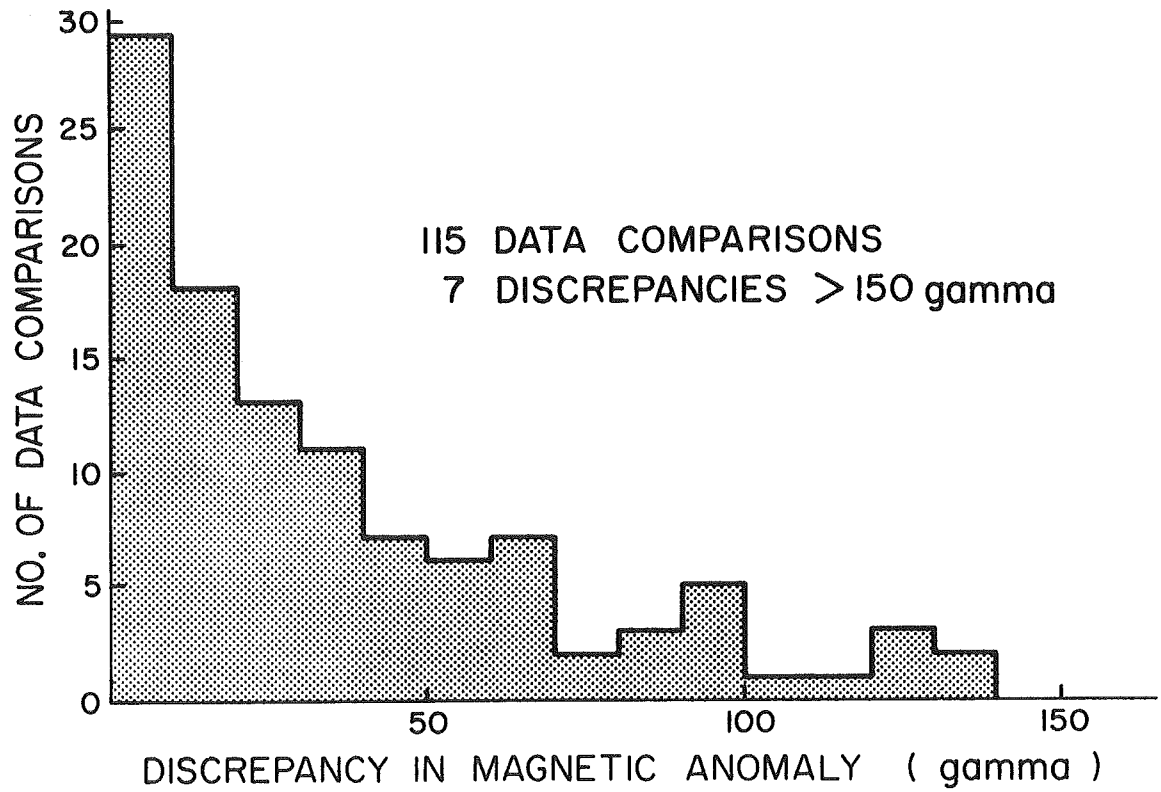


FIGURE 3

Histogram of discrepancies between magnetic anomalies at ship's track intersections.

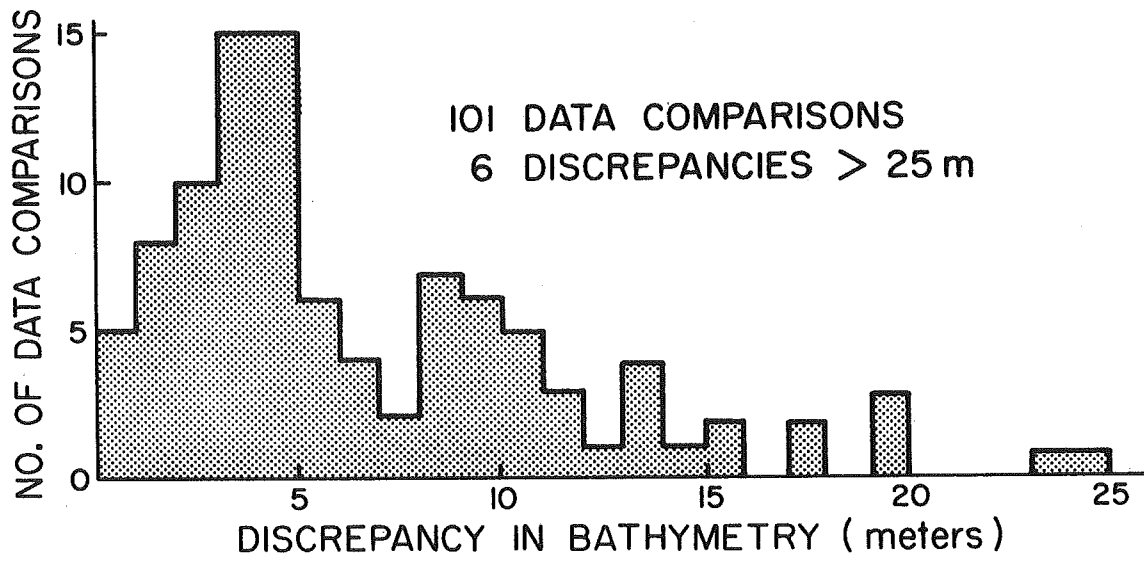


FIGURE 4

Histogram of discrepancies between bathymetry at ship's track intersections.



#### 4.1 Magnetics

The histogram of the discrepancies between observed magnetic anomalies at 115 ship's track intersections is shown in Figure 3. The distribution shown is surprisingly good considering no diurnal variation corrections have been applied and no data have been ignored because of possible storms. A number of the intersections also occur in regions of steep magnetic gradients.

#### 4.2 Gravity

The histogram of discrepancies between 'corrected' free air anomalies at 112 ship's track intersections is shown in Figure 2b. As indicated in section 3.2.3 the distribution has been improved by applying corrections for tares in the observed gravity data. No corrections have been applied for cross-coupling errors or drift of the gravimeter. The over-all accuracy of the gravity data must be estimated in light of a root mean square discrepancy at 112 track intersections of 5.3 mgal.

#### 4.3 Bathymetry

The histogram of discrepancies between depths at 107 ship's track intersections is shown in Figure 4. No corrections have been applied for Mathews zones or for the depth of the transducer below the sea surface, but neither of these would have an appreciable effect on the discrepancies.

### 5. DATA STORAGE

The gravity, magnetic and bathymetric data have been stored in the GEOFILE data storage system of the Atlantic Geoscience Centre. The raw gravity and magnetic data are filed on paper and magnetic tapes whereas the

raw bathymetric and navigation data are stored on punched cards. Processed data in the form of gravity and magnetic anomalies together with bathymetry at two-minute intervals are stored on magnetic tapes. Enquiries regarding the availability of the data should be directed to the Director, Atlantic Geoscience Centre, Bedford Institute of Oceanography, Dartmouth, N.S.

6. DATA PRESENTATION

The geophysical data are presented in three forms:

- (1) Navigation Fix Data (Appendix B) are presented as a listing of navigational fixes (including satellite and dead reckoned fixes) used in the reduction of the gravity, magnetic and bathymetry data.
- (2) Data Printout (Appendix C) includes gravity anomalies, magnetic anomaly, bathymetry and position obtained at 10-minute intervals during the survey. The gravity anomalies shown have been corrected in the way described in 3.2.4.
- (3) Profiles (Appendices D, E and F) are presented for selected portions of the gravity, magnetic and bathymetry data. The locations of the selected profiles are indicated by Figure 5. The track for each profile segment together with the geophysical profile, both at a scale of 1:1,000,000, are presented in the Appendices.

7. DESCRIPTION OF THE FREE AIR GRAVITY ANOMALY MAP

The free air gravity anomaly map for the Gulf of Maine and adjacent areas (Fig. 6) has been compiled from data on the tracks shown in Figure 1 together with surface ship gravity measurements obtained by RV *Chain* in 1967 (Woods Hole Oceanographic Lab., personal communication), and CSS *Baffin* in 1964, **assisted** by underwater gravity measurements (M.F. Kane, personal

communication) to provide control for the western part of the survey area.

The gravity map shows a number of important features. The largest amplitude free air anomalies (+70 to +80 mgal) as part of the 'edge anomaly' occur in the vicinity of the edge of the shelf. Smaller amplitude anomalies are to be found on the continental shelf. A broad region of negative anomalies extends south of Cape Sable, Nova Scotia. This 'low' trends generally east-west south of Cape Sable where it has a regional amplitude of up to -40 mgal. The western boundary of the 'low' appears to be a seaward extension of the steep Bouguer anomaly gradient observed in the vicinity of Yarmouth in western Nova Scotia (Garland, 1953). The most prominent of a series of circular and elongate gravity anomalies to the west of the Cape Sable 'low' is a circular 'high' at 67°W, 43°25'N reaching a peak value of +55 mgal.

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Institute Internal Note 1969-I-1.

9. ACKNOWLEDGEMENTS

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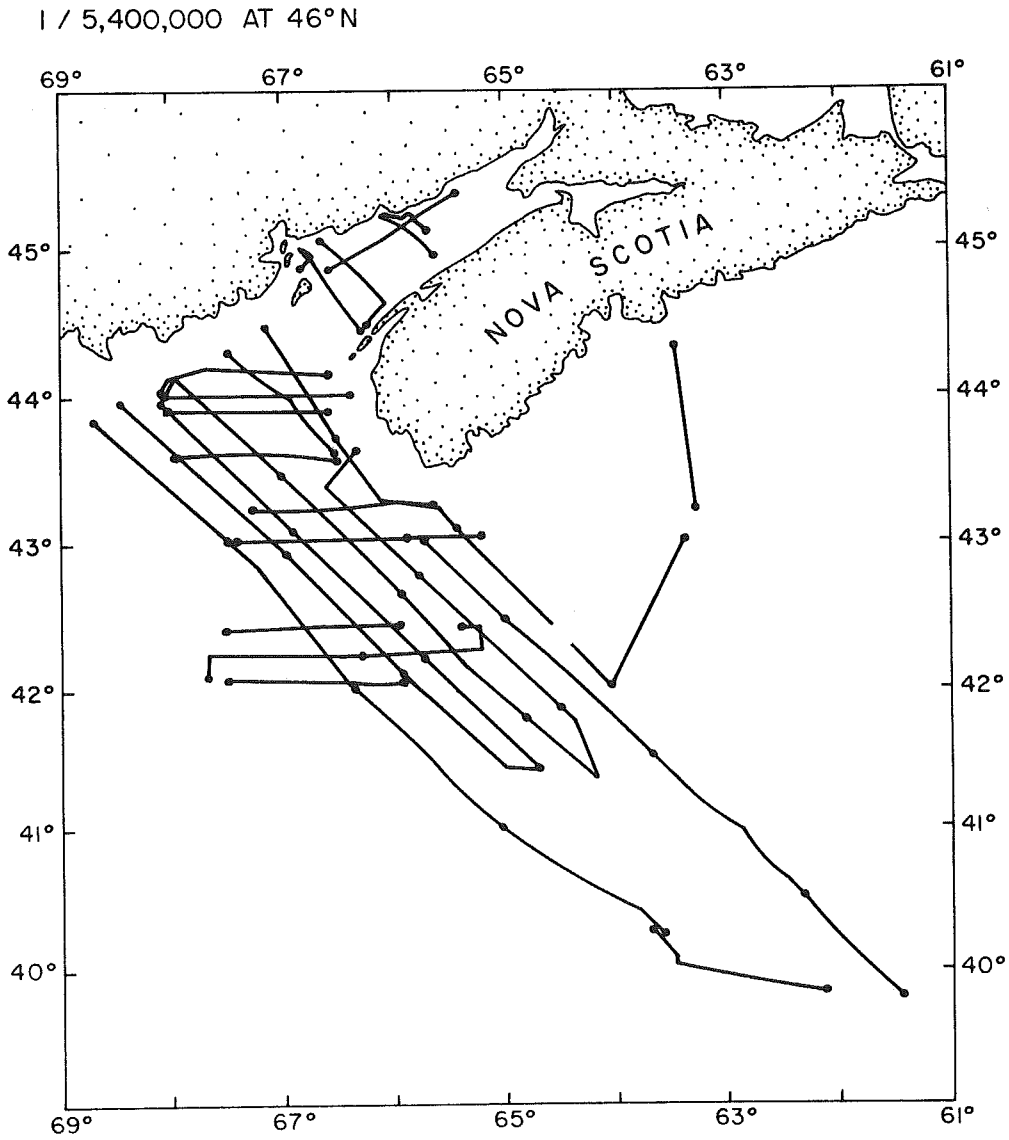


FIGURE 5

Ship's tracks for which geophysical profiles are presented in Appendices D, F, and F.

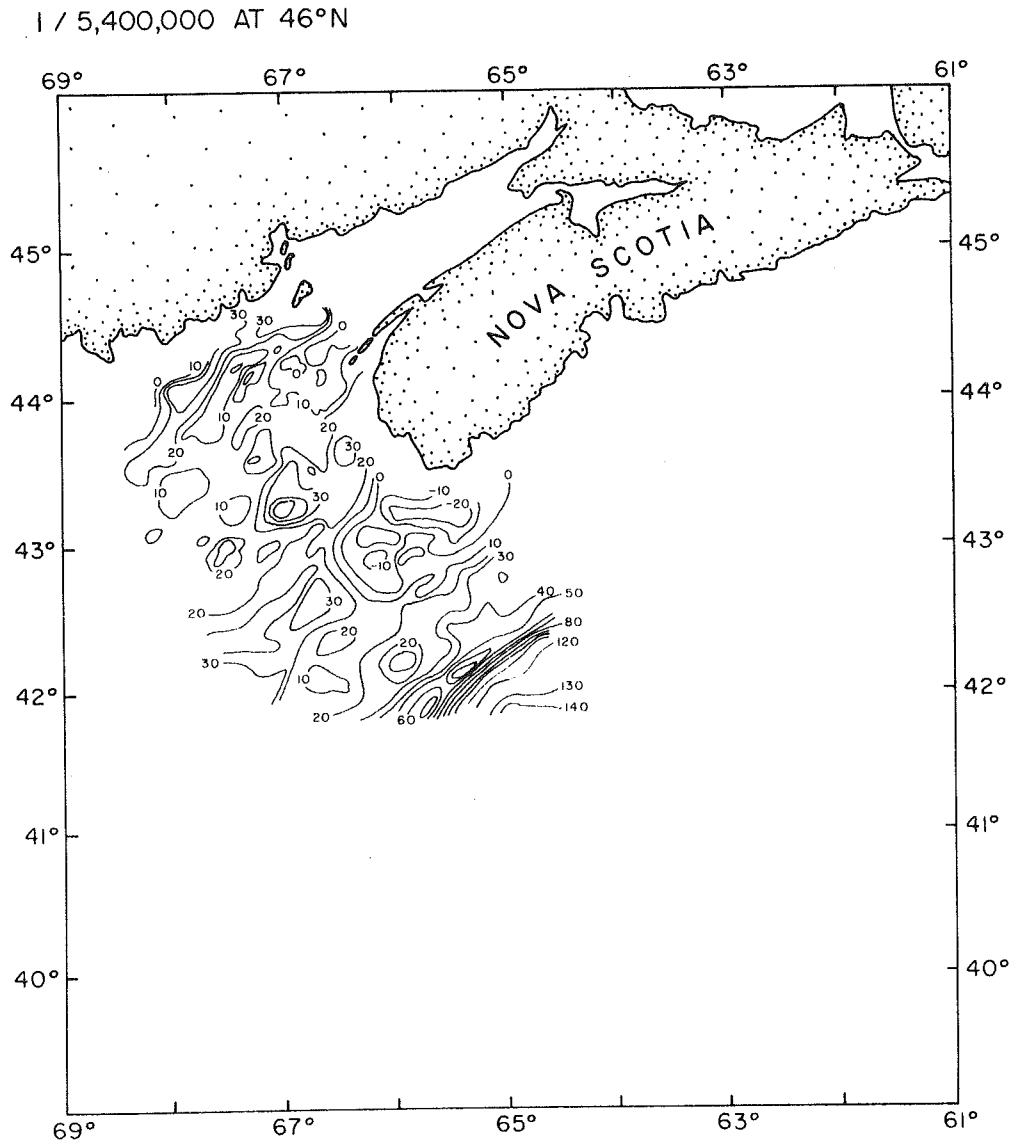


FIGURE 6

Free air gravity anomaly map of the Gulf of Maine and adjacent areas.

staff of the Atlantic Geoscience Centre contributed to the collection and processing of the data in this report. The efforts of Valerie Semochuk and Larry Johnson are particularly acknowledged.

APPENDIX A

Times of Intersections Between Ship Tracks  
of HUDSON 71-014 and Previous Surveys

The times and values of free air anomalies for the intersection of HUDSON 71-14 data with previous gravity surveys in the area are summarized. The following code is used to identify ships.

<u>Code</u>	<u>Ship</u>	<u>Year</u>
0	CSS <i>Hudson</i>	1971
1	RV <i>Chain</i>	1967 (Woods Hole)
2	CSS <i>Hudson</i>	1968
3	CSS <i>Baffin</i>	1964
4	RV <i>Vema</i>	1969 (Lamont)

The U.S. Coast and Geodetic underwater survey is coded 5.

Cross-Over No.	Code	Time	F.A.A. (mgal)	Cross-Over (mgal)	Corrected F.A.A. (mgal)	Cross-Over (mgal)
1	0	120/2100	40.0	25	17.0	2
	4	N/A	15.0		15.0	
2	0	118/0305	93.9	41	56.9	4
	1	N/A	53.0		53.0	
3	0	118/1115	18.6	52	-18.4	5
	1	N/A	-23.5		-23.5	
4	0	114/0453	-11.1	15	-20.1	6
	1	N/A	-26.0		-26.0	
5	0	112/0645	16.2	10	7.2	1
	2	128/1305	6.0		6.0	
6	0	140/0705	10.0	4	6.0	0
	3	232/1953	6.0		6.0	
7	0	138/0135	66.7	42	17.7	3
	3	233/1347	15.0		15.0	
8	0	138/0107	50.4	46	1.4	3
	3	232/2032	4.0		4.0	



Cross-Over No.	Code	Time	F.A.A. (mgal)	Cross-Over (mgal)	Corrected F.A.A. (mgal)	Cross-Over (mgal)
9	0	110/2110	15.9	12	5.9	2
	3	232/1958	4.0		4.0	
10	0	136/1101	27.0	27	0.0	0
	3	232/0134	0.5		0.5	
11	0	138/0028	51.3	48	2.3	1
	3	232/0126	3.0		3.0	
12	0	126/0947	26.5	26	3.5	3
	3	230/1228	0.0		0	
13	0	120/1520	46.0	36	9.0	1
	5	N/A	10.0		10.0	
14	0	136/0450	48.0	22	21.0	5
	4	N/A	26.0		26.0	
15	0	118/0228	37.0	31	0.0	6
	4	N/A	6.0		6.0	
16	0	136/0440	46.0	20	19.0	7
	4	N/A	26.0		26.0	
17	0	117/0440	60.0	26	35.0	1
	4	N/A	34.0		34.0	
18	0	121/0504	35.0	25	13.0	3
	4	N/A	10.0		10.0	
19	0	122/1746	22.0	19	-1.0	4
	4	N/A	3.0		3.0	
20	0	118/1844	28.0	30	-9.0	7
	4	N/A	-2.0		-2.0	
21	0	122/0828	18.0	22	-5.0	1
	4	N/A	4.0		-4.0	
22	0	122/1558	21.0	19	-2.0	4
	4	N/A	2.0		2.0	
23	0	131/2312	51.3	4	51.3	4
	1	N/A	47.5		47.5	

APPENDIX B

Navigation Fix Data

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	109	1445	44 29.2	-63 29.8	1				
3	109	1500	44 26.2	-63 29.5	1	12.0	175.9	5.2	5.6
3	109	1500	44 26.2	-63 29.5	1				
3	109	1600	44 13.9	-63 28.1	1	12.3	175.3	6.0	22.9
3	109	1600	44 13.9	-63 28.1	1				
3	109	1700	44 1.4	-63 26.4	1	12.6	174.4	7.2	23.3
3	109	1700	44 1.4	-63 26.4	1				
3	109	1830	43 43.1	-63 22.8	1	12.3	171.9	10.0	34.2
3	109	1830	43 43.1	-63 22.8	1				
3	109	2000	43 24.8	-63 19.0	1	12.3	171.4	10.6	34.3
3	109	2000	43 24.8	-63 19.0	1				
2	109	2100	43 12.2	-63 17.4	1	12.7	174.7	7.0	23.4
1	110	108	43 .8	-63 23.8	1				
3	110	300	42 37.5	-63 40.0	1	14.0	207.0	-34.2	48.5
3	110	300	42 37.5	-63 40.0	1				
3	110	600	42 .4	-64 4.0	1	13.7	205.6	-32.0	76.2
3	110	600	42 .4	-64 4.0	1				
3	110	700	42 8.8	-64 15.0	1	11.7	315.8	-44.9	21.7
3	110	700	42 8.8	-64 15.0	1				
0	110	900	42 26.5	-64 38.4	1	12.4	315.6	-47.4	45.9
0	110	900	42 26.5	-64 38.4	1				
0	110	1000	42 35.6	-64 50.5	0	12.7	315.6	-48.7	23.6
0	110	1000	42 35.6	-64 50.5	0				
0	110	1130	42 49.6	-65 9.0	0	13.0	315.8	-49.3	36.2
0	110	1130	42 49.6	-65 9.0	0				
2	110	1355	43 13.0	-65 35.7	0	12.6	320.2	-43.7	56.5
1	110	1400	43 13.1	-65 37.4	0				
0	110	1500	43 15.0	-65 53.8	0	12.1	279.0	-64.7	22.4
0	110	1500	43 15.0	-65 53.8	0				
0	110	1545	43 16.8	-66 7.4	0	13.4	280.3	-71.4	18.6

NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	110	1545	43 16.8	-66 7.4	0				
0	110	1700	43 29.0	-66 20.0	0	12.2	323.1	-39.3	28.3
0	110	1700	43 29.0	-66 20.0	0				
0	110	1930	43 57.2	-66 45.2	0	13.4	327.1	-38.8	62.2
0	110	1930	43 57.2	-66 45.2	0				
0	110	2030	44 8.8	-66 54.8	0	13.5	329.3	-36.5	25.0
0	110	2030	44 8.8	-66 54.8	0				
0	110	2130	44 20.6	-67 4.4	0	13.7	329.8	-36.2	25.3
0	110	2130	44 20.6	-67 4.4	0				
0	110	2200	44 26.2	-67 10.0	0	13.8	324.5	-42.1	12.7
0	110	2200	44 26.2	-67 10.0	0				
2	110	2330	44 29.8	-67 17.5	0	4.3	303.9	-19.0	11.9
1	111	340	44 19.8	-67 32.5	1				
3	111	530	44 10.6	-67 22.2	1	6.4	141.3	21.8	21.8
3	111	530	44 10.6	-67 22.2	1				
3	111	630	44 7.2	-67 16.0	1	5.6	127.4	24.1	10.4
3	111	630	44 7.2	-67 16.0	1				
3	111	730	44 3.2	-67 8.2	1	6.9	125.5	30.4	12.8
3	111	730	44 3.2	-67 8.2	1				
3	111	830	43 58.9	-66 58.8	1	8.0	122.5	36.7	14.8
3	111	830	43 58.9	-66 58.8	1				
3	111	900	43 56.6	-66 55.0	1	7.1	130.1	29.8	6.6
3	111	900	43 56.6	-66 55.0	1				
3	111	930	43 53.6	-66 52.0	1	7.4	144.2	23.6	6.8
3	111	930	43 53.6	-66 52.0	1				
3	111	1000	43 50.0	-66 49.6	1	8.0	154.3	19.0	7.4
3	111	1000	43 50.0	-66 49.6	1				
3	111	1100	43 44.2	-66 43.6	1	7.2	143.2	23.7	13.4
3	111	1100	43 44.2	-66 43.6	1				
2	111	1240	43 35.5	-66 31.2	1	7.5	134.1	29.5	23.1

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	111	1300	43 34.0	-66 30.0	1				
3	111	1330	43 28.9	-66 23.4	1	14.0	136.8	52.9	13.0
3	111	1330	43 28.9	-66 23.4	1				
3	111	1400	43 23.8	-66 15.8	1	15.0	132.7	61.1	13.9
3	111	1400	43 23.8	-66 15.8	1				
0	111	1500	43 12.8	-66 1.6	1	15.1	136.8	57.4	28.0
0	111	1500	43 12.8	-66 1.6	1				
3	111	1600	43 1.7	-65 46.8	1	15.5	135.8	60.2	28.7
3	111	1600	43 1.7	-65 46.8	1				
3	111	1630	42 58.8	-65 43.6	1	7.5	141.1	25.9	6.9
3	111	1630	42 58.8	-65 43.6	1				
3	111	1800	42 50.8	-65 31.6	1	7.9	132.3	32.5	22.0
3	111	1800	42 50.8	-65 31.6	1				
3	111	1900	42 45.3	-65 24.4	1	7.6	136.2	29.3	14.1
3	111	1900	42 45.3	-65 24.4	1				
3	111	1930	42 42.6	-65 20.8	1	7.6	135.6	29.4	7.0
3	111	1930	42 42.6	-65 20.8	1				
3	111	2100	42 34.8	-65 10.0	1	7.4	134.5	29.5	20.6
3	111	2100	42 34.8	-65 10.0	1				
3	111	2300	42 23.6	-64 55.2	1	7.8	135.7	30.5	29.0
3	111	2300	42 23.6	-64 55.2	1				
0	111	2359	42 18.7	-64 47.7	5	7.5	131.7	31.4	13.7
0	111	2359	42 18.7	-64 47.7	5				
0	112	0	42 18.6	-64 47.6	5	7.4	132.0	30.7	.2
0	112	0	42 18.6	-64 47.6	5				
0	112	100	42 13.6	-64 40.0	1	7.5	131.6	31.5	13.9
0	112	100	42 13.6	-64 40.0	1				
3	112	330	42 1.3	-64 21.8	1	7.3	132.3	30.3	33.8
3	112	330	42 1.3	-64 21.8	1				
3	112	400	41 59.0	-64 18.4	1	6.8	132.3	28.4	6.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	112	400	41 59.0	-64 18.4	1				
3	112	500	41 53.9	-64 11.8	1	7.1	136.1	27.6	13.1
3	112	500	41 53.9	-64 11.8	1				
3	112	730	41 41.4	-63 55.0	1	7.1	134.9	28.2	32.8
3	112	730	41 41.4	-63 55.0	1				
3	112	830	41 35.7	-63 47.6	1	7.9	135.9	31.3	14.7
3	112	830	41 35.7	-63 47.6	1				
3	112	930	41 29.9	-63 40.4	1	7.9	137.1	30.5	14.7
3	112	930	41 29.9	-63 40.4	1				
3	112	1300	41 11.0	-63 16.2	1	7.5	136.1	29.5	48.6
3	112	1300	41 11.0	-63 16.2	1				
3	112	1400	41 6.2	-63 8.6	1	7.5	130.0	32.6	13.8
3	112	1400	41 6.2	-63 8.6	1				
3	112	1600	40 59.0	-62 51.9	1	7.3	119.8	35.9	26.9
3	112	1600	40 59.0	-62 51.9	1				
3	112	1700	40 50.6	-62 45.6	1	9.7	150.5	27.4	17.9
3	112	1700	40 50.6	-62 45.6	1				
3	112	2000	40 33.8	-62 22.8	1	8.0	134.2	33.1	44.7
3	112	2000	40 33.8	-62 22.8	1				
3	112	2230	40 18.1	-62 6.1	1	8.1	141.0	29.3	37.4
3	112	2230	40 18.1	-62 6.1	1				
0	112	2359	40 8.9	-61 56.3	5	8.0	140.9	29.1	22.0
0	112	2359	40 8.9	-61 56.3	5				
3	113	0	40 8.8	-61 56.2	1	8.0	139.9	29.9	.2
3	113	0	40 8.8	-61 56.2	1				
3	113	100	40 3.2	-61 48.4	1	8.2	133.2	34.5	15.2
3	113	100	40 3.2	-61 48.4	1				
2	113	400	39 47.6	-61 25.6	1	7.8	131.7	33.8	43.4
1	113	800	39 49.3	-62 6.7	1				
3	113	830	39 49.8	-62 13.2	1	10.0	275.7	-57.1	9.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	113	830	39 49.8	-62 13.2	1				
3	113	1000	39 51.0	-62 31.8	1	9.6	274.8	-54.5	26.6
3	113	1000	39 51.0	-62 31.8	1				
3	113	1100	39 52.8	-62 42.8	1	8.6	282.0	-48.3	16.0
3	113	1100	39 52.8	-62 42.8	1				
3	113	1200	39 54.8	-62 53.8	1	8.7	283.3	-48.3	16.1
3	113	1200	39 54.8	-62 53.8	1				
3	113	1300	39 56.8	-63 4.2	1	8.2	284.1	-45.6	15.2
3	113	1300	39 56.8	-63 4.2	1				
3	113	1500	40 .8	-63 24.9	1	8.2	284.2	-45.3	30.3
3	113	1500	40 .8	-63 24.9	1				
3	113	1530	40 1.8	-63 30.0	1	8.1	284.4	-44.6	7.5
3	113	1530	40 1.8	-63 30.0	1				
3	113	1600	40 4.2	-63 29.0	1	5.0	17.7	8.9	4.7
3	113	1600	40 4.2	-63 29.0	1				
3	113	1630	40 6.9	-63 31.6	1	6.7	323.6	-22.7	6.2
3	113	1630	40 6.9	-63 31.6	1				
3	113	1700	40 9.6	-63 34.2	1	6.7	323.6	-22.6	6.2
3	113	1700	40 9.6	-63 34.2	1				
2	113	1830	40 17.2	-63 42.0	1	6.4	321.9	-22.6	17.9
1	113	2200	40 13.8	-63 35.2	1				
0	113	2359	40 20.9	-63 43.9	5	4.9	316.7	-19.1	17.9
0	113	2359	40 20.9	-63 43.9	5				
0	114	0	40 20.9	-63 44.0	5	6.2	315.6	-24.6	.2
0	114	0	40 20.9	-63 44.0	5				
3	114	30	40 22.7	-63 46.2	1	4.9	316.7	-19.1	4.5
3	114	30	40 22.7	-63 46.2	1				
3	114	100	40 24.4	-63 48.4	1	4.8	315.4	-19.1	4.4
3	114	100	40 24.4	-63 48.4	1				
3	114	200	40 27.6	-63 55.8	1	6.5	299.6	-32.0	12.0

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	114	200	40 27.6	-63 55.8	1				
3	114	300	40 31.0	-64 3.4	1	6.7	300.5	-32.8	12.4
3	114	300	40 31.0	-64 3.4	1				
3	114	400	40 34.0	-64 11.6	1	6.9	295.7	-35.3	12.8
3	114	400	40 34.0	-64 11.6	1				
3	114	500	40 37.0	-64 20.0	1	7.1	295.2	-36.2	13.1
3	114	500	40 37.0	-64 20.0	1				
3	114	700	40 45.0	-64 37.4	1	7.7	301.2	-37.3	28.6
3	114	700	40 45.0	-64 37.4	1				
3	114	730	40 47.0	-64 40.8	1	6.5	307.8	-29.1	6.0
3	114	730	40 47.0	-64 40.8	1				
3	114	800	40 49.0	-64 44.2	1	6.5	307.8	-29.1	6.0
3	114	800	40 49.0	-64 44.2	1				
3	114	830	40 51.0	-64 47.6	1	6.5	307.9	-29.0	6.0
3	114	830	40 51.0	-64 47.6	1				
3	114	900	40 53.0	-64 51.0	1	6.5	307.9	-29.0	6.0
3	114	900	40 53.0	-64 51.0	1				
3	114	1030	40 59.3	-65 .9	1	6.5	310.1	-28.1	18.1
3	114	1030	40 59.3	-65 .9	1				
3	114	1200	41 5.8	-65 11.0	1	6.7	310.5	-28.6	18.6
3	114	1200	41 5.8	-65 11.0	1				
3	114	1230	41 8.6	-65 15.0	1	8.2	312.9	-33.8	7.6
3	114	1230	41 8.6	-65 15.0	1				
3	114	1300	41 11.4	-65 19.0	1	8.2	312.9	-33.7	7.6
3	114	1300	41 11.4	-65 19.0	1				
3	114	1400	41 17.2	-65 27.0	1	8.4	314.0	-33.7	15.5
3	114	1400	41 17.2	-65 27.0	1				
3	114	1500	41 23.4	-65 34.2	1	8.2	318.9	-30.2	15.2
3	114	1500	41 23.4	-65 34.2	1				
3	114	1600	41 29.0	-65 41.4	1	7.8	316.1	-30.1	14.4



## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	114	1600	41 29.0	-65 41.4	1				
3	114	1800	41 40.2	-65 55.6	1	7.7	316.5	-29.6	28.6
3	114	1800	41 40.2	-65 55.6	1				
3	114	1900	41 45.8	-66 3.8	1	8.3	312.5	-34.0	15.4
3	114	1900	41 45.8	-66 3.8	1				
3	114	1930	41 48.1	-66 7.2	1	6.8	312.2	-28.2	6.3
3	114	1930	41 48.1	-66 7.2	1				
3	114	2000	41 50.4	-66 10.7	1	7.0	311.4	-29.0	6.4
3	114	2000	41 50.4	-66 10.7	1				
3	114	2030	41 52.8	-66 14.2	1	7.1	312.6	-28.9	6.6
3	114	2030	41 52.8	-66 14.2	1				
3	114	2130	41 59.0	-66 22.2	1	8.6	316.2	-32.9	15.9
3	114	2130	41 59.0	-66 22.2	1				
3	114	2200	42 2.6	-66 26.4	1	9.5	319.1	-34.4	8.8
3	114	2200	42 2.6	-66 26.4	1				
3	114	2230	42 6.2	-66 30.6	1	9.5	319.1	-34.4	8.8
3	114	2230	42 6.2	-66 30.6	1				
0	114	2359	42 16.1	-66 39.7	5	8.1	325.7	-25.0	22.1
0	114	2359	42 16.1	-66 39.7	5				
3	115	0	42 16.2	-66 39.8	1	9.6	325.7	-29.8	.3
3	115	0	42 16.2	-66 39.8	1				
3	115	30	42 20.1	-66 43.9	1	9.9	322.1	-33.3	9.2
3	115	30	42 20.1	-66 43.9	1				
0	115	230	42 35.7	-67 .3	1	9.9	322.2	-33.1	36.6
0	115	230	42 35.7	-67 .3	1				
3	115	300	42 39.6	-67 4.4	1	9.9	322.3	-32.9	9.1
3	115	300	42 39.6	-67 4.4	1				
3	115	330	42 43.7	-67 8.5	1	10.2	323.7	-32.8	9.4
3	115	330	42 43.7	-67 8.5	1				
3	115	400	42 47.8	-67 12.6	1	10.2	323.7	-32.7	9.4
3	115	400	42 47.8	-67 12.6	1				

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	115	400	42 47.8	-67 12.6	1				
3	115	430	42 50.9	-67 16.5	1	8.4	317.3	-31.2	7.8
3	115	430	42 50.9	-67 16.5	1				
3	115	530	42 57.0	-67 24.4	1	8.4	316.5	-31.5	15.6
3	115	530	42 57.0	-67 24.4	1				
3	115	600	43 0	-67 28.4	1	8.4	315.7	-31.8	7.8
3	115	600	43 0	-67 28.4	1				
3	115	700	43 5.6	-67 37.8	1	8.9	309.2	-37.4	16.4
3	115	700	43 5.6	-67 37.8	1				
3	115	800	43 11.2	-67 47.2	1	8.9	309.2	-37.2	16.4
3	115	800	43 11.2	-67 47.2	1				
3	115	830	43 14.3	-67 51.8	1	9.1	312.8	-36.3	8.5
3	115	830	43 14.3	-67 51.8	1				
3	115	930	43 20.5	-68 1.0	1	9.1	312.8	-36.2	16.9
3	115	930	43 20.5	-68 1.0	1				
3	115	1000	43 23.3	-68 5.5	1	8.6	310.6	-35.4	8.0
3	115	1000	43 23.3	-68 5.5	1				
3	115	1030	43 26.0	-68 10.0	1	8.5	309.6	-35.3	7.9
3	115	1030	43 26.0	-68 10.0	1				
3	115	1130	43 32.6	-68 18.6	1	9.1	316.6	-33.6	16.8
3	115	1130	43 32.6	-68 18.6	1				
3	115	1200	43 35.8	-68 23.0	1	9.0	315.1	-34.3	8.4
3	115	1200	43 35.8	-68 23.0	1				
3	115	1230	43 39.0	-68 27.7	1	9.3	313.2	-36.6	8.7
3	115	1230	43 39.0	-68 27.7	1				
3	115	1300	43 42.3	-68 32.4	1	9.5	314.2	-36.5	8.8
3	115	1300	43 42.3	-68 32.4	1				
2	115	1400	43 48.8	-68 41.8	1	9.4	313.8	-36.4	17.4
1	115	1900	43 41.2	-69 19.0	1				
3	115	1930	43 38.0	-69 14.2	1	9.4	132.7	38.1	8.7

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	115	1930	43 38.0	-69 14.2	1				
3	115	2000	43 35.3	-69 9.9	1	8.2	130.9	34.1	7.6
3	115	2000	43 35.3	-69 9.9	1				
3	115	2100	43 30.0	-69 1.4	1	8.1	130.7	33.8	15.1
3	115	2100	43 30.0	-69 1.4	1				
3	115	2200	43 24.9	-68 53.1	1	7.9	130.2	33.1	14.6
3	115	2200	43 24.9	-68 53.1	1				
3	115	2230	43 22.4	-68 49.0	1	7.8	130.0	32.7	7.2
3	115	2230	43 22.4	-68 49.0	1				
0	115	2359	43 14.5	-68 36.9	5	8.0	132.0	32.6	21.9
0	115	2359	43 14.5	-68 36.9	5				
3	116	0	43 14.4	-68 36.8	1	7.8	130.2	32.8	.2
3	116	0	43 14.4	-68 36.8	1				
2	116	100	43 9.2	-68 28.6	1	7.9	131.0	33.0	14.7
1	116	154	43 4.5	-68 23.0	1				
3	116	300	43 8.2	-68 9.0	1	9.9	70.1	51.3	20.1
3	116	300	43 8.2	-68 9.0	1				
2	116	400	43 11.2	-67 57.2	1	9.1	70.8	47.5	16.9
1	116	600	43 7.8	-67 43.6	1				
3	116	830	42 39.9	-67 43.3	1	11.2	179.5	1.0	51.7
3	116	830	42 39.9	-67 43.3	1				
2	116	900	42 34.2	-67 43.2	1	11.4	179.3	1.4	10.6
1	116	930	42 36.4	-67 40.2	1				
3	116	1000	42 39.5	-67 36.0	1	8.8	44.9	34.4	8.1
3	116	1000	42 39.5	-67 36.0	1				
3	116	1100	42 45.8	-67 27.7	1	8.8	44.1	34.0	16.2
3	116	1100	42 45.8	-67 27.7	1				
3	116	1130	42 49.0	-67 23.6	1	8.8	43.2	33.5	8.1
3	116	1130	42 49.0	-67 23.6	1				
3	116	1300	42 59.2	-67 36.6	1	9.3	317.0	-34.5	25.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	116	1300	42 59.2	-67 36.6	1				
3	116	1330	42 59.0	-67 38.4	1	2.7	261.4	-14.4	2.5
3	116	1330	42 59.0	-67 38.4	1				
3	116	1430	42 53.6	-67 30.8	1	7.8	134.1	30.8	14.4
3	116	1430	42 53.6	-67 30.8	1				
0	116	1450	42 51.8	-67 28.2	0	7.9	133.4	31.7	4.9
0	116	1450	42 51.8	-67 28.2	0				
0	116	1500	42 52.6	-67 26.8	0	7.8	52.1	34.1	2.4
0	116	1500	42 52.6	-67 26.8	0				
0	116	1530	42 55.6	-67 22.8	0	8.4	44.3	32.5	7.8
0	116	1530	42 55.6	-67 22.8	0				
0	116	1640	43 .5	-67 14.0	0	6.9	52.7	30.5	15.0
0	116	1640	43 .5	-67 14.0	0				
0	116	1730	43 6.8	-67 25.8	0	12.8	306.2	-56.0	19.8
0	116	1730	43 6.8	-67 25.8	0				
0	116	1800	43 10.0	-67 33.2	0	12.6	300.7	-58.5	11.6
0	116	1800	43 10.0	-67 33.2	0				
2	116	1825	43 13.2	-67 28.3	0	11.5	48.1	47.5	8.9
1	116	1930	43 12.7	-67 18.4	0				
0	116	2000	43 12.2	-67 10.0	0	12.3	94.7	67.6	11.4
0	116	2000	43 12.2	-67 10.0	0				
0	116	2030	43 12.4	-66 59.4	0	15.5	88.5	85.5	14.3
0	116	2030	43 12.4	-66 59.4	0				
0	116	2100	43 11.9	-66 50.0	1	13.7	94.2	75.8	12.7
0	116	2100	43 11.9	-66 50.0	1				
3	116	2130	43 12.5	-66 40.3	1	14.2	85.1	78.2	13.1
3	116	2130	43 12.5	-66 40.3	1				
3	116	2200	43 13.0	-66 30.4	1	14.5	86.0	79.8	13.4
3	116	2200	43 13.0	-66 30.4	1				
3	116	2300	43 13.5	-66 13.1	1	12.6	87.7	69.6	23.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	116	2300	43 13.5	-66 13.1	1				
3	116	2330	43 14.8	-66 4.9	1	12.2	77.7	66.0	11.3
3	116	2330	43 14.8	-66 4.9	1				
0	116	2359	43 15.9	-65 57.0	5	12.1	79.7	65.9	10.9
0	116	2359	43 15.9	-65 57.0	5				
3	117	0	43 15.9	-65 56.7	1	12.3	75.7	65.7	.4
3	117	0	43 15.9	-65 56.7	1				
3	117	30	43 15.1	-65 49.4	1	10.8	98.6	58.6	10.0
3	117	30	43 15.1	-65 49.4	1				
3	117	100	43 14.5	-65 41.6	1	11.4	96.0	62.7	10.6
3	117	100	43 14.5	-65 41.6	1				
3	117	120	43 13.9	-65 37.2	1	9.8	100.6	53.0	6.0
3	117	120	43 13.9	-65 37.2	1				
3	117	140	43 18.0	-65 39.0	1	12.9	342.3	-20.8	8.0
3	117	140	43 18.0	-65 39.0	1				
3	117	200	43 17.8	-65 45.8	1	14.9	267.7	-80.2	9.2
3	117	200	43 17.8	-65 45.8	1				
3	117	400	43 17.2	-66 25.5	1	14.5	268.8	-78.1	53.5
3	117	400	43 17.2	-66 25.5	1				
3	117	430	43 17.2	-66 34.1	1	12.5	270.0	-67.7	11.6
3	117	430	43 17.2	-66 34.1	1				
3	117	500	43 17.7	-66 43.5	1	13.7	274.2	-74.0	12.7
3	117	500	43 17.7	-66 43.5	1				
3	117	530	43 17.6	-66 53.6	1	14.7	269.2	-79.4	13.6
3	117	530	43 17.6	-66 53.6	1				
3	117	600	43 17.6	-67 2.2	1	12.5	270.0	-67.7	11.6
3	117	600	43 17.6	-67 2.2	1				
3	117	630	43 16.6	-67 10.8	1	12.7	260.9	-67.7	11.7
3	117	630	43 16.6	-67 10.8	1				
3	117	645	43 17.7	-67 15.7	1	14.9	287.1	-77.0	6.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	117	645	43 17.7	-67 15.7	1				
3	117	730	43 17.5	-67 29.1	1	13.0	268.8	-70.3	18.1
3	117	730	43 17.5	-67 29.1	1				
3	117	800	43 16.9	-67 38.4	1	13.6	264.9	-73.2	12.6
3	117	800	43 16.9	-67 38.4	1				
3	117	820	43 17.0	-67 44.2	1	12.7	271.4	-68.5	7.8
3	117	820	43 17.0	-67 44.2	1				
3	117	900	43 21.6	-67 34.0	1	13.1	58.2	61.5	16.2
3	117	900	43 21.6	-67 34.0	1				
3	117	930	43 24.1	-67 25.5	1	13.3	68.0	68.1	12.3
3	117	930	43 24.1	-67 25.5	1				
2	117	1030	43 29.4	-67 8.0	1	13.8	67.4	70.0	25.5
1	117	1900	43 36.8	-66 20.7	1				
3	117	1930	43 31.8	-66 27.2	1	13.7	223.3	-50.4	12.7
3	117	1930	43 31.8	-66 27.2	1				
3	117	2000	43 25.9	-66 33.4	1	14.8	217.3	-48.1	13.7
3	117	2000	43 25.9	-66 33.4	1				
3	117	2020	43 22.5	-66 37.8	1	14.0	223.2	-51.5	8.6
3	117	2020	43 22.5	-66 37.8	1				
3	117	2100	43 15.6	-66 29.0	1	14.1	137.1	53.3	17.4
3	117	2100	43 15.6	-66 29.0	1				
3	117	2230	42 59.4	-66 7.0	1	15.2	135.3	59.6	42.3
3	117	2230	42 59.4	-66 7.0	1				
3	117	2300	42 54.0	-65 59.5	1	15.4	134.5	61.3	14.3
3	117	2300	42 54.0	-65 59.5	1				
0	117	2359	42 44.8	-65 46.5	5	13.5	134.2	54.1	24.6
0	117	2359	42 44.8	-65 46.5	5				
3	118	0	42 44.6	-65 46.3	1	13.4	132.9	54.9	.4
3	118	0	42 44.6	-65 46.3	1				
3	118	130	42 32.0	-65 28.3	1	12.2	133.6	49.4	33.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	118	130	42 32.0	-65 28.3	1				
3	118	230	42 23.6	-65 16.3	1	12.2	133.5	49.6	22.6
3	118	230	42 23.6	-65 16.3	1				
3	118	430	42 4.6	-64 50.4	1	13.5	134.7	54.0	50.0
3	118	430	42 4.6	-64 50.4	1				
3	118	530	41 55.0	-64 37.6	1	13.5	135.3	53.8	25.0
3	118	530	41 55.0	-64 37.6	1				
3	118	600	41 50.2	-64 31.2	1	13.5	135.2	54.0	12.5
3	118	600	41 50.2	-64 31.2	1				
3	118	645	41 42.8	-64 22.0	1	13.5	137.2	52.0	18.7
3	118	645	41 42.8	-64 22.0	1				
3	118	700	41 39.5	-64 20.0	1	14.5	155.6	34.4	6.7
3	118	700	41 39.5	-64 20.0	1				
3	118	830	41 19.8	-64 9.8	1	14.1	158.8	29.5	39.1
3	118	830	41 19.8	-64 9.8	1				
3	118	930	41 28.8	-64 22.6	1	13.2	313.2	-53.3	24.4
3	118	930	41 28.8	-64 22.6	1				
3	118	1000	41 33.0	-64 29.1	1	12.9	310.8	-54.0	11.9
3	118	1000	41 33.0	-64 29.1	1				
3	118	1100	41 41.4	-64 42.2	1	12.9	310.6	-54.3	23.9
3	118	1100	41 41.4	-64 42.2	1				
3	118	1130	41 46.0	-64 48.8	1	13.5	313.0	-54.4	12.5
3	118	1130	41 46.0	-64 48.8	1				
3	118	1200	41 50.6	-64 55.4	1	13.5	313.1	-54.3	12.5
3	118	1200	41 50.6	-64 55.4	1				
3	118	1300	41 59.8	-65 9.2	1	13.8	311.9	-56.6	25.5
3	118	1300	41 59.8	-65 9.2	1				
3	118	1400	42 9.0	-65 23.4	1	14.0	311.1	-57.9	25.9
3	118	1400	42 9.0	-65 23.4	1				
3	118	1430	42 15.0	-65 29.0	1	14.6	325.3	-45.2	13.5

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	118	1430	42 15.0	-65 29.0	1				
3	118	1630	42 37.6	-65 55.8	1	15.0	318.8	-53.8	55.6
3	118	1630	42 37.6	-65 55.8	1				
3	118	1700	42 42.6	-66 2.2	1	13.7	316.7	-51.2	12.7
3	118	1700	42 42.6	-66 2.2	1				
3	118	1730	42 47.6	-66 8.6	1	13.7	316.8	-51.0	12.7
3	118	1730	42 47.6	-66 8.6	1				
3	118	1800	42 52.5	-66 14.6	1	13.2	318.1	-47.7	12.2
3	118	1800	42 52.5	-66 14.6	1				
3	118	1830	42 57.4	-66 20.6	1	13.2	318.1	-47.6	12.2
3	118	1830	42 57.4	-66 20.6	1				
3	118	1900	43 2.0	-66 27.2	1	13.3	313.6	-52.3	12.4
3	118	1900	43 2.0	-66 27.2	1				
3	118	1930	43 6.8	-66 33.7	1	13.5	315.3	-51.3	12.5
3	118	1930	43 6.8	-66 33.7	1				
3	118	2000	43 11.6	-66 40.2	1	13.5	315.3	-51.2	12.5
3	118	2000	43 11.6	-66 40.2	1				
3	118	2100	43 21.2	-66 52.4	1	13.1	317.2	-47.8	24.2
3	118	2100	43 21.2	-66 52.4	1				
0	118	2130	43 25.8	-66 59.8	1	14.2	310.5	-57.8	13.1
0	118	2130	43 25.8	-66 59.8	1				
0	118	2359	43 49.0	-67 32.6	5	13.4	314.4	-51.2	61.5
0	118	2359	43 49.0	-67 32.6	5				
3	119	0	43 49.2	-67 32.8	1	14.0	314.0	-53.7	.4
3	119	0	43 49.2	-67 32.8	1				
3	119	100	43 58.6	-67 46.6	1	13.7	313.4	-53.0	25.3
3	119	100	43 58.6	-67 46.6	1				
3	119	150	44 6.9	-67 58.4	1	14.2	314.4	-54.1	22.0
3	119	150	44 6.9	-67 58.4	1				
3	119	200	44 4.9	-68 .3	1	14.5	214.3	-43.3	4.5



## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	119	200	44 4.9	-68 .3	1				
3	119	240	43 56.1	-68 5.0	1	14.1	201.0	-26.5	17.5
3	119	240	43 56.1	-68 5.0	1				
3	119	300	43 53.2	-68 .5	1	13.1	131.8	53.3	8.1
3	119	300	43 53.2	-68 .5	1				
3	119	330	43 48.3	-67 54.0	1	13.6	136.3	51.5	12.6
3	119	330	43 48.3	-67 54.0	1				
3	119	430	43 38.5	-67 41.0	1	13.6	136.2	51.7	25.1
3	119	430	43 38.5	-67 41.0	1				
3	119	500	43 33.5	-67 34.3	1	13.9	135.9	53.5	12.9
3	119	500	43 33.5	-67 34.3	1				
3	119	630	43 18.5	-67 14.0	1	14.0	135.5	54.4	39.0
3	119	630	43 18.5	-67 14.0	1				
3	119	800	43 3.8	-66 53.6	1	13.9	134.7	55.1	38.7
3	119	800	43 3.8	-66 53.6	1				
3	119	900	42 53.6	-66 39.5	1	14.5	134.7	57.5	26.9
3	119	900	42 53.6	-66 39.5	1				
3	119	1000	42 43.2	-66 25.3	1	14.7	135.0	58.3	27.3
3	119	1000	42 43.2	-66 25.3	1				
3	119	1030	42 38.0	-66 18.2	1	14.7	134.9	58.5	13.6
3	119	1030	42 38.0	-66 18.2	1				
3	119	1300	42 12.6	-65 46.2	1	13.9	137.1	53.2	64.3
3	119	1300	42 12.6	-65 46.2	1				
3	119	1400	42 4.3	-65 34.6	1	12.0	134.0	48.5	22.1
3	119	1400	42 4.3	-65 34.6	1				
0	119	1500	41 55.0	-65 23.0	1	12.7	137.2	48.8	23.5
0	119	1500	41 55.0	-65 23.0	1				
3	119	1530	41 50.2	-65 16.7	1	13.4	135.7	53.2	12.4
3	119	1530	41 50.2	-65 16.7	1				
3	119	1600	41 45.4	-65 10.4	1	13.4	135.6	53.3	12.4
3	119	1600	41 45.4	-65 10.4	1				

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	119	1600	41 45.4	-65 10.4	1				
3	119	1630	41 40.8	-65 3.8	1	13.5	133.0	56.0	12.5
3	119	1630	41 40.8	-65 3.8	1				
3	119	1700	41 36.5	-64 57.8	1	12.4	133.8	50.9	11.5
3	119	1700	41 36.5	-64 57.8	1				
3	119	1730	41 32.2	-64 51.8	1	12.4	133.8	51.1	11.5
3	119	1730	41 32.2	-64 51.8	1				
3	119	1800	41 27.9	-64 45.9	1	12.3	134.2	50.3	11.4
3	119	1800	41 27.9	-64 45.9	1				
3	119	1830	41 23.6	-64 40.0	1	12.3	134.2	50.4	11.4
3	119	1830	41 23.6	-64 40.0	1				
3	119	1830	41 23.6	-64 40.0	1				
3	119	1940	41 24.6	-65 .2	1	13.0	273.8	-72.4	28.1
3	119	1940	41 24.6	-65 .2	1				
3	119	2000	41 28.2	-65 4.9	1	15.1	315.6	-58.5	9.3
3	119	2000	41 28.2	-65 4.9	1				
3	119	2030	41 31.8	-65 9.6	1	10.1	315.6	-39.2	9.3
3	119	2030	41 31.8	-65 9.6	1				
3	119	2130	41 41.0	-65 22.2	1	13.2	314.3	-52.2	24.4
3	119	2130	41 41.0	-65 22.2	1				
3	119	2230	41 50.3	-65 34.8	1	13.2	314.7	-51.9	24.5
3	119	2230	41 50.3	-65 34.8	1				
3	119	2300	41 55.0	-65 41.0	1	13.2	315.5	-50.9	12.2
3	119	2300	41 55.0	-65 41.0	1				
0	119	2359	42 3.1	-65 52.8	5	12.1	312.6	-49.1	22.1
0	119	2359	42 3.1	-65 52.8	5				
3	120	0	42 3.2	-65 53.0	1	12.7	311.9	-52.1	.4
3	120	0	42 3.2	-65 53.0	1				
3	120	30	42 7.2	-65 59.0	1	12.0	311.9	-49.0	11.1
3	120	30	42 7.2	-65 59.0	1				
3	120	200	42 20.0	-66 14.0	1	11.3	319.0	-40.6	31.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	120	200	42 20.0	-66 14.0	1				
0	120	230	42 25.1	-66 20.2	1	13.7	318.1	-50.0	12.7
0	120	230	42 25.1	-66 20.2	1				
0	120	300	42 30.2	-66 26.4	1	13.7	318.1	-49.9	12.7
0	120	300	42 30.2	-66 26.4	1				
3	120	330	42 35.2	-66 32.6	1	13.5	317.6	-49.8	12.5
3	120	330	42 35.2	-66 32.6	1				
3	120	530	42 54.4	-66 57.8	1	13.3	316.1	-50.3	49.4
3	120	530	42 54.4	-66 57.8	1				
3	120	600	42 58.4	-67 5.2	1	13.5	306.4	-58.8	12.5
3	120	600	42 58.4	-67 5.2	1				
3	120	800	43 15.6	-67 29.8	1	12.4	313.8	-48.5	46.1
3	120	800	43 15.6	-67 29.8	1				
3	120	830	43 20.2	-67 36.2	1	13.1	314.6	-50.2	12.1
3	120	830	43 20.2	-67 36.2	1				
3	120	1000	43 34.0	-67 55.4	1	13.1	314.7	-49.9	36.3
3	120	1000	43 34.0	-67 55.4	1				
3	120	1100	43 43.2	-68 8.4	1	13.2	314.4	-50.4	24.4
3	120	1100	43 43.2	-68 8.4	1				
3	120	1130	43 47.5	-68 15.2	1	13.1	311.2	-52.5	12.1
3	120	1130	43 47.5	-68 15.2	1				
3	120	1235	43 57.7	-68 30.2	1	13.7	313.3	-53.2	27.5
3	120	1235	43 57.7	-68 30.2	1				
0	120	1300	43 52.8	-68 26.0	1	13.8	148.3	40.0	10.7
0	120	1300	43 52.8	-68 26.0	1				
3	120	1500	43 27.8	-68 8.6	1	14.0	153.3	35.0	51.8
3	120	1500	43 27.8	-68 8.6	1				
3	120	1530	43 21.4	-68 4.2	1	14.3	153.5	35.7	13.3
3	120	1530	43 21.4	-68 4.2	1				
3	120	1600	43 16.0	-67 59.4	1	12.9	147.1	38.8	11.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	120	1600	43 16.0	-67 59.4	1				
2	120	1630	43 9.3	-67 54.6	1	15.1	152.4	39.2	14.0
1	120	1700	43 9.6	-67 46.6	1				
3	120	1730	43 9.6	-67 37.2	1	13.7	90.0	75.9	12.7
3	120	1730	43 9.6	-67 37.2	1				
3	120	1800	43 9.5	-67 27.8	1	13.7	90.8	75.9	12.7
3	120	1800	43 9.5	-67 27.8	1				
3	120	1900	43 9.0	-67 8.6	1	14.0	92.0	77.5	26.0
3	120	1900	43 9.0	-67 8.6	1				
3	120	1930	43 9.1	-66 59.4	1	13.4	89.1	74.2	12.4
3	120	1930	43 9.1	-66 59.4	1				
3	120	2000	43 9.2	-66 50.2	1	13.4	89.1	74.2	12.4
3	120	2000	43 9.2	-66 50.2	1				
3	120	2100	43 8.6	-66 30.4	1	14.5	92.4	80.0	26.8
3	120	2100	43 8.6	-66 30.4	1				
3	120	2230	43 8.6	-66 .8	1	14.4	90.0	79.7	40.0
3	120	2230	43 8.6	-66 .8	1				
3	120	2330	43 8.8	-65 40.6	1	14.7	89.2	81.6	27.3
3	120	2330	43 8.8	-65 40.6	1				
0	120	2359	43 9.0	-65 30.8	5	14.8	88.5	81.7	13.2
0	120	2359	43 9.0	-65 30.8	5				
3	121	0	43 9.0	-65 30.5	1	14.6	87.6	80.7	.5
3	121	0	43 9.0	-65 30.5	1				
3	121	30	43 8.7	-65 21.8	1	12.7	92.7	70.2	11.8
3	121	30	43 8.7	-65 21.8	1				
2	121	50	43 8.5	-65 16.0	1	12.7	92.7	70.2	7.8
1	121	108	43 4.6	-65 15.0	1				
3	121	130	43 4.2	-65 22.5	1	15.0	265.8	-81.0	10.2
3	121	130	43 4.2	-65 22.5	1				
3	121	330	43 5.1	-65 59.0	1	13.3	271.9	-72.3	49.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	121	330	43 5.1	-65 59.0	1				
3	121	400	43 5.4	-66 9.8	1	15.8	272.2	-85.4	14.6
3	121	400	43 5.4	-66 9.8	1				
3	121	430	43 5.8	-66 20.6	1	15.8	272.9	-85.4	14.6
3	121	430	43 5.8	-66 20.6	1				
3	121	530	43 6.6	-66 39.0	1	13.5	273.4	-72.9	24.9
3	121	530	43 6.6	-66 39.0	1				
3	121	600	43 7.0	-66 48.2	1	13.5	273.4	-72.8	12.5
3	121	600	43 7.0	-66 48.2	1				
3	121	630	43 7.4	-66 57.4	1	13.5	273.4	-72.8	12.5
3	121	630	43 7.4	-66 57.4	1				
3	121	700	43 7.4	-67 6.6	1	13.4	270.0	-72.8	12.4
3	121	700	43 7.4	-67 6.6	1				
3	121	800	43 6.2	-67 25.0	1	13.5	264.9	-72.8	25.0
3	121	800	43 6.2	-67 25.0	1				
2	121	830	43 4.8	-67 33.5	1	12.7	257.3	-67.4	11.8
1	121	1030	43 0	-67 26.2	1				
3	121	1100	43 0	-67 16.5	1	14.2	90.0	78.7	13.1
3	121	1100	43 0	-67 16.5	1				
3	121	1200	42 59.4	-66 59.2	1	12.7	92.7	70.1	23.5
3	121	1200	42 59.4	-66 59.2	1				
3	121	1230	42 59.5	-66 49.2	1	14.6	89.2	81.2	13.6
3	121	1230	42 59.5	-66 49.2	1				
3	121	1330	42 59.7	-66 30.2	1	13.9	89.2	77.1	25.7
3	121	1330	42 59.7	-66 30.2	1				
3	121	1500	43 1.2	-66 2.2	1	13.7	85.8	75.7	38.0
3	121	1500	43 1.2	-66 2.2	1				
3	121	1530	43 1.4	-65 54.4	1	11.4	88.0	63.1	10.6
3	121	1530	43 1.4	-65 54.4	1				
3	121	1600	43 1.6	-65 46.7	1	11.3	88.0	62.3	10.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE		LONGITUDE		NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	121	1600	43	1.6	-65	46.7	1				
3	121	1630	43	1.8	-65	39.0	1	11.3	88.0	62.3	10.4
3	121	1630	43	1.8	-65	39.0	1				
3	121	1700	43	1.6	-65	30.2	1	12.9	91.8	71.3	11.9
3	121	1700	43	1.6	-65	30.2	1				
3	121	1757	43	1.4	-65	13.5	1	12.9	90.9	71.2	22.6
3	121	1757	43	1.4	-65	13.5	1				
3	121	1830	42	54.1	-65	13.0	1	13.3	177.1	4.4	13.5
3	121	1830	42	54.1	-65	13.0	1				
3	121	1900	42	54.3	-65	21.7	1	12.8	271.8	-69.4	11.8
3	121	1900	42	54.3	-65	21.7	1				
3	121	2000	42	54.5	-65	39.0	1	12.7	270.9	-69.0	23.5
3	121	2000	42	54.5	-65	39.0	1				
3	121	2030	42	54.2	-65	46.4	1	10.9	266.8	-59.1	10.1
3	121	2030	42	54.2	-65	46.4	1				
3	121	2040	42	56.0	-65	48.5	1	14.2	319.5	-49.9	4.4
3	121	2040	42	56.0	-65	48.5	1				
3	121	2100	42	56.2	-65	54.2	1	12.5	272.7	-68.1	7.7
3	121	2100	42	56.2	-65	54.2	1				
3	121	2130	42	56.4	-66	2.6	1	12.3	271.9	-66.9	11.4
3	121	2130	42	56.4	-66	2.6	1				
3	121	2200	42	56.5	-66	12.2	1	14.1	270.8	-76.4	13.0
3	121	2200	42	56.5	-66	12.2	1				
3	121	2300	42	56.1	-66	28.7	1	12.1	268.1	-65.8	22.4
3	121	2300	42	56.1	-66	28.7	1				
0	121	2359	42	55.0	-66	45.7	5	12.7	265.0	-68.9	23.1
0	121	2359	42	55.0	-66	45.7	5				
3	122	0	42	55.0	-66	46.0	1	13.4	267.4	-72.6	.4
3	122	0	42	55.0	-66	46.0	1				
3	122	100	42	55.2	-67	1.8	1	11.6	271.0	-63.0	21.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	122	100	42 55.2	-67 1.8	1				
3	122	130	42 55.0	-67 10.7	1	13.0	268.2	-70.9	12.1
3	122	130	42 55.0	-67 10.7	1				
3	122	200	42 54.8	-67 19.6	1	13.0	268.2	-70.9	12.1
3	122	200	42 54.8	-67 19.6	1				
3	122	300	42 55.5	-67 37.9	1	13.4	273.0	-72.9	24.9
3	122	300	42 55.5	-67 37.9	1				
3	122	315	42 55.8	-67 42.3	1	12.9	275.3	-70.1	6.0
3	122	315	42 55.8	-67 42.3	1				
3	122	337	42 51.0	-67 41.3	1	13.2	171.3	11.7	9.0
3	122	337	42 51.0	-67 41.3	1				
3	122	530	42 50.0	-67 8.0	1	13.0	92.3	72.0	45.3
3	122	530	42 50.0	-67 8.0	1				
3	122	630	42 49.6	-66 51.0	1	12.5	91.8	69.3	23.1
3	122	630	42 49.6	-66 51.0	1				
3	122	752	42 49.2	-66 28.4	1	12.1	91.4	67.4	30.7
3	122	752	42 49.2	-66 28.4	1				
3	122	820	42 53.2	-66 21.6	1	13.7	51.3	59.6	11.8
3	122	820	42 53.2	-66 21.6	1				
3	122	945	42 52.6	-65 55.6	1	13.5	91.8	74.7	35.3
3	122	945	42 52.6	-65 55.6	1				
3	122	1005	42 55.6	-65 51.9	1	12.1	42.1	45.3	7.5
3	122	1005	42 55.6	-65 51.9	1				
3	122	1100	42 53.7	-65 34.5	1	14.1	98.5	77.2	23.9
3	122	1100	42 53.7	-65 34.5	1				
3	122	1130	42 53.0	-65 25.0	1	14.0	95.7	77.4	13.0
3	122	1130	42 53.0	-65 25.0	1				
3	122	1205	42 52.3	-65 14.4	1	13.4	95.1	74.0	14.4
3	122	1205	42 52.3	-65 14.4	1				
3	122	1215	42 50.2	-65 14.4	1	12.6	180.0	.7	3.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	122	1215	42 50.2	-65 14.4	1				
3	122	1230	42 50.2	-65 18.5	1	12.0	270.0	-65.6	5.6
3	122	1230	42 50.2	-65 18.5	1				
3	122	1400	42 49.9	-65 42.0	1	11.5	269.0	-62.7	31.9
3	122	1400	42 49.9	-65 42.0	1				
3	122	1500	42 48.7	-65 58.6	1	12.2	264.4	-66.4	22.7
3	122	1500	42 48.7	-65 58.6	1				
3	122	1600	42 49.1	-66 16.4	1	13.1	271.8	-71.2	24.2
3	122	1600	42 49.1	-66 16.4	1				
3	122	1648	42 49.4	-66 30.0	1	12.5	271.7	-68.0	18.5
3	122	1648	42 49.4	-66 30.0	1				
3	122	1700	42 52.0	-66 29.2	1	13.3	12.7	16.9	4.9
3	122	1835	43 12.8	-66 22.6	1	13.5	13.1	17.5	39.6
3	122	1835	43 12.8	-66 22.6	1				
3	122	1900	43 17.8	-66 28.4	1	15.7	319.8	-54.4	12.1
3	122	1900	43 17.8	-66 28.4	1				
3	122	1930	43 22.6	-66 34.8	1	13.4	315.9	-50.1	12.4
3	122	1930	43 22.6	-66 34.8	1				
3	122	2030	43 32.8	-66 46.0	1	13.0	321.4	-43.6	24.2
3	122	2030	43 32.8	-66 46.0	1				
3	122	2100	43 38.1	-66 53.0	1	14.7	316.3	-54.2	13.6
3	122	2100	43 38.1	-66 53.0	1				
3	122	2130	43 43.3	-67 0	1	14.5	315.8	-54.1	13.4
3	122	2130	43 43.3	-67 0	1				
3	122	2230	43 51.8	-67 13.4	1	12.9	311.3	-51.7	23.9
3	122	2230	43 51.8	-67 13.4	1				
0	122	2359	44 3.6	-67 16.1	5	8.1	350.5	-6.9	22.2
0	122	2359	44 3.6	-67 16.1	5				
0	123	0	44 3.8	-67 16.2	5	8.8	348.4	-9.2	.3



## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	123	0	44 3.8	-67 16.2	5				
3	123	255	44 27.0	-67 21.6	0	8.1	350.5	-6.9	43.7
3	123	255	44 27.0	-67 21.6	0				
3	123	330	44 28.0	-67 20.4	0	2.3	40.6	7.9	2.4
3	123	330	44 28.0	-67 20.4	0				
3	123	400	44 29.9	-67 17.7	1	5.4	45.4	20.8	5.0
3	123	400	44 29.9	-67 17.7	1				
3	123	430	44 31.9	-67 15.0	1	5.6	43.9	20.7	5.1
3	123	430	44 31.9	-67 15.0	1				
3	123	500	44 34.2	-67 12.0	1	6.3	42.9	23.0	5.8
3	123	500	44 34.2	-67 12.0	1				
3	123	530	44 36.5	-67 9.1	1	6.2	41.9	22.2	5.7
3	123	530	44 36.5	-67 9.1	1				
3	123	600	44 39.1	-67 5.5	1	7.3	44.6	27.6	6.8
3	123	600	44 39.1	-67 5.5	1				
3	123	700	44 44.4	-66 58.3	0	7.4	44.0	27.5	13.6
3	123	700	44 44.4	-66 58.3	0				
3	123	800	44 50.1	-66 49.7	1	8.4	47.0	32.8	15.5
3	123	800	44 50.1	-66 49.7	1				
3	123	835	44 53.1	-66 44.8	1	7.9	49.2	31.9	8.5
3	123	835	44 53.1	-66 44.8	1				
3	123	900	44 55.6	-66 45.8	1	6.2	344.2	-8.9	4.8
3	123	900	44 55.6	-66 45.8	1				
2	123	950	44 58.2	-66 51.0	1	5.4	305.2	-23.3	8.3
1	123	1000	44 57.6	-66 50.3	1				
3	123	1030	44 54.9	-66 47.5	1	6.7	143.7	21.2	6.2
3	123	1030	44 54.9	-66 47.5	1				
3	123	1100	44 53.0	-66 45.2	1	5.0	139.4	17.4	4.6
3	123	1100	44 53.0	-66 45.2	1				
3	123	1130	44 54.8	-66 42.5	1	5.3	46.7	20.5	4.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	123	1130	44 54.8	-66 42.5	1				
3	123	1200	44 48.5	-66 39.7	1	13.2	162.5	21.8	12.2
3	123	1200	44 48.5	-66 39.7	1				
3	123	1300	44 42.6	-66 33.9	1	7.2	145.1	22.2	13.3
3	123	1300	44 42.6	-66 33.9	1				
3	123	1400	44 37.0	-66 27.5	1	7.2	140.9	24.5	13.4
3	123	1400	44 37.0	-66 27.5	1				
3	123	1500	44 30.0	-66 22.2	1	8.0	151.7	20.5	14.7
3	123	1500	44 30.0	-66 22.2	1				
3	123	1530	44 26.7	-66 18.9	1	8.1	144.5	25.5	7.5
3	123	1530	44 26.7	-66 18.9	1				
3	123	1600	44 24.3	-66 15.5	1	6.8	134.7	26.2	6.3
3	123	1600	44 24.3	-66 15.5	1				
3	123	1630	44 28.0	-66 13.5	1	7.9	21.1	15.6	7.3
3	123	1630	44 28.0	-66 13.5	1				
3	123	1700	44 31.6	-66 9.2	1	9.5	40.4	33.2	8.8
3	123	1700	44 31.6	-66 9.2	1				
2	123	1725	44 34.4	-66 4.0	1	11.1	52.9	48.1	8.6
1	123	1730	44 35.3	-66 3.3	1				
3	123	1900	44 43.0	-66 13.0	1	6.9	318.1	-24.4	19.2
3	123	1900	44 43.0	-66 13.0	1				
3	123	1930	44 46.0	-66 15.8	1	7.2	326.5	-21.0	6.7
3	123	1930	44 46.0	-66 15.8	1				
3	123	2030	44 51.2	-66 23.1	1	7.3	315.1	-27.3	13.6
3	123	2030	44 51.2	-66 23.1	1				
3	123	2130	44 56.2	-66 30.6	1	7.3	313.3	-28.0	13.5
3	123	2130	44 56.2	-66 30.6	1				
2	123	2245	45 1.5	-66 40.6	1	7.1	306.8	-29.8	16.4
1	124	830	44 54.6	-65 36.7	1				
3	124	900	44 57.0	-65 39.6	1	6.3	319.5	-21.7	5.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	124	900	44 57.0	-65 39.6	1				
3	124	930	44 59.8	-65 42.2	1	6.7	326.7	-19.3	6.2
3	124	930	44 59.8	-65 42.2	1				
3	124	1030	45 4.2	-65 48.6	1	6.3	314.2	-23.8	11.7
3	124	1030	45 4.2	-65 48.6	1				
3	124	1100	45 6.4	-65 51.7	1	6.2	315.1	-23.0	5.7
3	124	1100	45 6.4	-65 51.7	1				
3	124	1130	45 7.8	-65 56.5	1	7.3	292.5	-35.6	6.8
3	124	1130	45 7.8	-65 56.5	1				
3	124	1200	45 8.8	-66 .7	1	6.3	288.7	-31.2	5.8
3	124	1200	45 8.8	-66 .7	1				
3	124	1245	45 10.7	-66 7.5	1	6.9	291.6	-33.6	9.6
3	124	1245	45 10.7	-66 7.5	1				
3	124	1310	45 11.7	-66 4.2	1	6.1	66.7	29.7	4.7
3	124	1310	45 11.7	-66 4.2	1				
3	124	1350	45 9.8	-65 55.8	1	9.3	107.8	47.3	11.5
3	124	1350	45 9.8	-65 55.8	1				
3	124	1400	45 10.4	-65 54.8	1	5.6	49.6	22.5	1.7
3	124	1400	45 10.4	-65 54.8	1				
3	124	1435	45 12.5	-65 50.0	1	6.8	58.2	30.9	7.4
3	124	1435	45 12.5	-65 50.0	1				
3	124	1500	45 10.6	-65 48.5	1	5.2	150.9	13.5	4.0
3	124	1500	45 10.6	-65 48.5	1				
3	124	1530	45 8.2	-65 45.8	1	6.1	141.6	20.3	5.7
3	124	1530	45 8.2	-65 45.8	1				
3	124	1600	45 6.3	-65 43.2	1	5.3	136.0	19.5	4.9
3	124	1600	45 6.3	-65 43.2	1				
2	124	1630	45 4.4	-65 40.2	1	5.7	131.9	22.6	5.3
1	124	2200	45 12.0	-65 22.8	1				
3	124	2230	45 13.8	-65 26.1	1	5.9	307.8	-24.4	5.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	124	2230	45 13.8	-65 26.1	1				
3	124	2330	45 17.8	-65 32.7	1	6.1	310.7	-24.4	11.4
3	124	2330	45 17.8	-65 32.7	1				
0	124	2359	45 17.3	-65 29.2	5	5.2	100.7	27.2	4.7
0	124	2359	45 17.3	-65 29.2	5				
0	125	0	45 17.3	-65 29.0	5	5.6	96.8	29.3	.2
0	125	0	45 17.3	-65 29.0	5				
0	125	535	45 12.0	-64 48.3	1	5.2	100.5	27.3	54.0
0	125	535	45 12.0	-64 48.3	1				
0	125	630	45 15.8	-64 56.8	0	7.7	302.4	-34.3	13.1
0	125	630	45 15.8	-64 56.8	0				
0	125	730	45 20.6	-65 5.2	0	7.6	309.1	-30.9	14.1
0	125	730	45 20.6	-65 5.2	0				
0	125	800	45 23.2	-65 8.6	1	7.1	317.4	-25.0	6.5
0	125	800	45 23.2	-65 8.6	1				
3	125	842	45 26.7	-65 13.3	1	6.9	316.7	-24.6	8.9
3	125	842	45 26.7	-65 13.3	1				
3	125	900	45 28.2	-65 11.6	1	6.4	38.5	21.1	3.5
3	125	900	45 28.2	-65 11.6	1				
3	125	935	45 29.9	-65 4.9	1	8.6	70.1	42.7	9.3
3	125	935	45 29.9	-65 4.9	1				
3	125	948	45 29.4	-65 4.2	1	3.2	135.5	12.0	1.3
3	125	948	45 29.4	-65 4.2	1				
3	125	1030	45 25.4	-65 4.1	1	5.7	179.0	.7	7.4
3	125	1030	45 25.4	-65 4.1	1				
3	125	1100	45 22.5	-65 4.1	1	5.8	180.0	.1	5.4
3	125	1100	45 22.5	-65 4.1	1				
3	125	1200	45 16.7	-65 4.1	1	5.8	180.0	.1	10.7
3	125	1200	45 16.7	-65 4.1	1				
3	125	1230	45 13.9	-65 4.6	1	5.6	187.2	-3.6	5.2

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LCNGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	125	1230	45 13.9	-65 4.6	1				
3	125	1300	45 10.8	-65 4.8	1	6.2	182.6	-1.3	5.7
3	125	1300	45 10.8	-65 4.8	1				
3	125	1315	45 9.2	-65 5.2	1	6.5	190.0	-5.8	3.0
3	125	1315	45 9.2	-65 5.2	1				
3	125	1330	45 8.3	-65 8.4	1	9.7	248.3	-47.4	4.5
3	125	1330	45 8.3	-65 8.4	1				
3	125	1400	45 7.1	-65 15.6	1	10.4	256.7	-53.3	9.7
3	125	1400	45 7.1	-65 15.6	1				
3	125	1415	45 6.7	-65 18.2	1	7.5	257.7	-38.6	3.5
3	125	1415	45 6.7	-65 18.2	1				
3	125	1430	45 7.5	-65 19.4	1	4.7	313.4	-17.9	2.2
3	125	1430	45 7.5	-65 19.4	1				
3	125	1500	45 10.3	-65 20.2	1	5.7	348.6	-5.8	5.3
3	125	1500	45 10.3	-65 20.2	1				
3	125	1530	45 12.8	-65 19.5	1	5.1	11.2	5.3	4.7
3	125	1530	45 12.8	-65 19.5	1				
3	125	1600	45 15.3	-65 18.8	1	5.1	11.2	5.3	4.7
3	125	1600	45 15.3	-65 18.8	1				
3	125	1630	45 17.9	-65 18.2	1	5.3	9.2	4.6	4.9
3	125	1630	45 17.9	-65 18.2	1				
3	125	1700	45 21.7	-65 18.5	1	7.6	356.8	-2.0	7.0
3	125	1700	45 21.7	-65 18.5	1				
3	125	1750	45 21.1	-65 18.1	1	.8	154.9	1.8	1.2
3	125	1750	45 21.1	-65 18.1	1				
0	125	1800	45 20.3	-65 19.8	1	8.6	236.2	-37.5	2.7
0	125	1800	45 20.3	-65 19.8	1				
0	125	1845	45 20.5	-65 26.2	0	6.0	272.5	-31.5	8.3
0	125	1845	45 20.5	-65 26.2	0				
0	125	1855	45 20.7	-65 27.6	0	6.0	281.5	-31.0	1.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LCNGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	125	1855	45 20.7	-65 27.6	0				
0	125	1930	45 20.2	-65 25.3	0	2.9	107.2	14.7	3.1
0	125	1930	45 20.2	-65 25.3	0				
0	125	2000	45 17.2	-65 32.2	0	11.4	238.3	-50.7	10.6
0	125	2000	45 17.2	-65 32.2	0				
0	125	2030	45 14.2	-65 39.6	0	12.0	240.1	-54.4	11.1
0	125	2030	45 14.2	-65 39.6	0				
0	125	2130	45 7.8	-65 52.8	0	11.3	235.5	-48.7	20.9
0	125	2130	45 7.8	-65 52.8	0				
0	125	2230	45 .8	-66 6.5	0	11.9	234.1	-50.7	22.1
0	125	2230	45 .8	-66 6.5	0				
0	125	2300	44 58.1	-66 13.8	0	11.7	242.4	-54.2	10.8
0	125	2300	44 58.1	-66 13.8	0				
0	125	2330	44 55.3	-66 21.1	1	11.8	241.5	-54.3	10.9
0	125	2330	44 55.3	-66 21.1	1				
0	125	2359	44 52.3	-66 27.8	5	11.6	238.2	-51.7	10.4
0	125	2359	44 52.3	-66 27.8	5				
0	126	0	44 52.3	-66 28.0	5	12.0	239.5	-54.3	.4
0	126	0	44 52.3	-66 28.0	5				
3	126	30	44 49.2	-66 35.0	1	11.6	238.2	-51.9	10.7
3	126	30	44 49.2	-66 35.0	1				
3	126	50	44 50.2	-66 41.4	1	13.9	282.4	-71.7	8.6
3	126	50	44 50.2	-66 41.4	1				
2	126	115	44 48.5	-66 40.0	1	4.7	149.7	12.8	3.6
1	126	340	44 47.6	-66 40.4	1				
3	126	430	44 42.8	-66 27.2	1	12.6	117.1	60.6	19.5
3	126	430	44 42.8	-66 27.2	1				
3	126	440	44 41.8	-66 25.5	1	9.4	129.6	39.0	2.9
3	126	440	44 41.8	-66 25.5	1				
3	126	500	44 40.5	-66 27.5	1	5.8	227.6	-22.6	3.6

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	126	500	44 40.5	-66 27.5	1				
3	126	530	44 37.8	-66 30.4	1	6.8	217.4	-21.8	6.3
3	126	530	44 37.8	-66 30.4	1				
3	126	600	44 34.7	-66 33.4	1	7.5	214.6	-22.6	7.0
3	126	600	44 34.7	-66 33.4	1				
3	126	630	44 32.0	-66 35.4	1	6.1	207.8	-15.1	5.7
3	126	630	44 32.0	-66 35.4	1				
3	126	650	44 30.6	-66 36.9	1	5.3	217.4	-17.1	3.3
3	126	650	44 30.6	-66 36.9	1				
3	126	708	44 28.8	-66 38.5	1	7.1	212.4	-20.2	3.9
3	126	708	44 28.8	-66 38.5	1				
3	126	721	44 28.7	-66 41.0	1	8.2	266.8	-43.8	3.3
3	126	721	44 28.7	-66 41.0	1				
3	126	730	44 28.2	-66 43.4	1	11.9	253.7	-60.6	3.3
3	126	730	44 28.2	-66 43.4	1				
3	126	830	44 25.8	-66 50.5	1	5.6	244.7	-27.0	10.4
3	126	830	44 25.8	-66 50.5	1				
0	126	850	44 24.8	-66 52.5	0	5.2	235.0	-22.9	3.2
0	126	850	44 24.8	-66 52.5	0				
0	126	900	44 23.2	-66 51.6	0	10.4	158.1	21.1	3.2
0	126	900	44 23.2	-66 51.6	0				
0	126	930	44 17.5	-66 49.0	0	12.0	161.9	20.6	11.1
0	126	930	44 17.5	-66 49.0	0				
0	126	1000	44 12.2	-66 44.8	0	12.2	150.4	33.0	11.3
0	126	1000	44 12.2	-66 44.8	0				
0	126	1030	44 6.9	-66 40.6	0	12.2	150.4	33.1	11.3
0	126	1030	44 6.9	-66 40.6	0				
0	126	1100	44 1.2	-66 37.0	0	12.5	155.6	28.5	11.6
0	126	1100	44 1.2	-66 37.0	0				
0	126	1130	43 55.1	-66 37.6	0	12.2	184.0	-4.0	11.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	126	1130	43 55.1	-66 37.6	0				
2	126	1200	43 49.2	-66 36.0	1	12.0	168.9	13.1	11.1
1	126	1210	43 46.6	-66 35.3	1				
3	126	1230	43 42.8	-66 31.8	1	13.7	146.4	41.9	8.5
3	126	1230	43 42.8	-66 31.8	1				
3	126	1330	43 32.0	-66 20.0	1	13.8	141.7	47.2	25.5
3	126	1330	43 32.0	-66 20.0	1				
3	126	1400	43 27.3	-66 14.4	1	12.4	139.2	44.9	11.5
3	126	1400	43 27.3	-66 14.4	1				
3	126	1430	43 21.3	-66 9.4	1	14.0	148.8	40.4	13.0
3	126	1430	43 21.3	-66 9.4	1				
3	126	1530	43 9.4	-65 58.8	1	14.2	147.0	43.0	26.3
3	126	1530	43 9.4	-65 58.8	1				
3	126	1600	43 2.4	-65 52.7	0	16.6	147.5	50.0	15.4
3	126	1600	43 2.4	-65 52.7	0				
3	126	1630	42 55.5	-65 46.5	1	16.5	146.7	50.9	15.3
3	126	1630	42 55.5	-65 46.5	1				
3	126	1700	43 0	-65 37.8	1	15.6	54.7	70.9	14.4
3	126	1700	43 0	-65 37.8	1				
3	126	1730	43 4.0	-65 30.6	1	13.2	52.8	58.5	12.2
3	126	1730	43 4.0	-65 30.6	1				
3	126	1800	43 9.7	-65 23.2	1	15.7	43.5	60.2	14.5
3	126	1800	43 9.7	-65 23.2	1				
3	126	1830	43 14.6	-65 16.6	1	13.7	44.5	53.4	12.7
3	126	1830	43 14.6	-65 16.6	1				
3	126	1900	43 19.7	-65 9.1	1	14.9	47.0	60.6	13.8
3	126	1900	43 19.7	-65 9.1	1				
3	126	2000	43 27.8	-64 55.0	1	13.1	51.7	56.6	24.2
3	126	2000	43 27.8	-64 55.0	1				
3	126	2030	43 32.2	-64 48.3	1	13.1	47.8	53.6	12.1



## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	126	2030	43 32.2	-64 48.3	1				
3	126	2100	43 36.5	-64 41.0	1	13.6	50.9	58.3	12.6
3	126	2100	43 36.5	-64 41.0	1				
3	126	2130	43 40.8	-64 33.7	1	13.6	50.9	58.1	12.6
3	126	2130	43 40.8	-64 33.7	1				
3	126	2200	43 45.1	-64 26.6	1	13.4	50.0	56.4	12.4
3	126	2200	43 45.1	-64 26.6	1				
3	126	2230	43 49.4	-64 19.6	1	13.3	49.6	55.5	12.3
3	126	2230	43 49.4	-64 19.6	1				
3	126	2300	43 54.4	-64 12.5	1	14.3	45.7	56.2	13.3
3	126	2300	43 54.4	-64 12.5	1				
0	126	2359	44 2.8	-63 58.4	5	13.4	50.2	56.4	24.4
0	126	2359	44 2.8	-63 58.4	5				
3	127	0	44 3.0	-63 58.2	1	13.5	47.8	54.8	.4
3	127	0	44 3.0	-63 58.2	1				
3	127	30	44 7.2	-63 51.1	1	13.2	50.5	55.7	12.2
3	127	30	44 7.2	-63 51.1	1				
3	127	100	44 11.5	-63 44.0	1	13.3	49.8	55.6	12.3
3	127	100	44 11.5	-63 44.0	1				
3	127	200	44 20.4	-63 30.0	1	13.4	48.4	54.6	24.8
3	127	200	44 20.4	-63 30.0	1				
3	127	210	44 21.9	-63 28.1	1	12.1	42.2	44.4	3.7
3	127	210	44 21.9	-63 28.1	1				
3	127	230	44 18.4	-63 30.7	1	11.9	208.0	-29.4	7.3
3	127	230	44 18.4	-63 30.7	1				
3	127	300	44 13.0	-63 36.3	1	13.5	216.6	-42.4	12.5
3	127	300	44 13.0	-63 36.3	1				
3	127	330	44 7.6	-63 42.0	1	13.5	217.1	-43.3	12.5
3	127	330	44 7.6	-63 42.0	1				
3	127	400	44 2.1	-63 48.4	1	14.3	219.9	-48.7	13.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	127	400	44 2.1	-63 48.4	1				
3	127	435	43 55.8	-63 55.4	1	13.8	218.6	-45.8	14.9
3	127	435	43 55.8	-63 55.4	1				
3	127	500	43 52.0	-63 49.0	1	14.3	129.5	60.7	11.1
3	127	500	43 52.0	-63 49.0	1				
3	127	530	43 47.4	-63 41.7	1	14.0	131.1	57.8	13.0
3	127	530	43 47.4	-63 41.7	1				
3	127	600	43 42.9	-63 34.5	1	13.8	130.9	57.2	12.7
3	127	600	43 42.9	-63 34.5	1				
3	127	710	43 33.0	-63 18.3	1	13.2	130.2	55.3	28.4
3	127	710	43 33.0	-63 18.3	1				
3	127	720	43 31.5	-63 16.0	1	13.5	132.0	55.2	4.2
3	127	720	43 31.5	-63 16.0	1				
3	127	745	43 31.0	-63 9.1	1	12.1	95.7	66.0	9.3
3	127	745	43 31.0	-63 9.1	1				
3	127	800	43 34.2	-63 9.5	1	12.9	354.8	-5.6	6.0
3	127	800	43 34.2	-63 9.5	1				
3	127	900	43 47.8	-63 13.1	1	13.9	349.2	-13.3	25.7
3	127	900	43 47.8	-63 13.1	1				
3	127	1000	44 1.5	-63 17.8	1	14.1	346.1	-17.5	26.1
3	127	1000	44 1.5	-63 17.8	1				
3	127	1100	44 13.7	-63 22.2	1	12.6	345.5	-16.4	23.3
3	127	1100	44 13.7	-63 22.2	1				
2	127	1200	44 26.1	-63 26.6	1	12.8	345.8	-16.2	23.7
1	131	210	44 24.3	-63 22.8	1				
3	131	230	44 23.1	-63 28.5	1	12.7	253.6	-64.8	7.9
3	131	230	44 23.1	-63 28.5	1				
3	131	236	44 23.2	-63 30.3	1	12.9	274.4	-68.3	2.4
3	131	236	44 23.2	-63 30.3	1				
3	131	300	44 21.8	-63 37.2	1	12.8	254.2	-65.5	9.5

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LCNGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	131	300	44 21.8	-63 37.2	1				
3	131	330	44 18.7	-63 46.5	1	14.7	245.0	-70.5	13.6
3	131	330	44 18.7	-63 46.5	1				
3	131	400	44 18.0	-63 55.1	1	12.4	263.5	-65.5	11.5
3	131	400	44 18.0	-63 55.1	1				
0	131	430	44 16.1	-64 4.0	1	13.3	253.4	-67.7	12.3
0	131	430	44 16.1	-64 4.0	1				
0	131	457	44 14.6	-64 11.9	0	13.0	255.2	-66.9	10.8
0	131	457	44 14.6	-64 11.9	0				
0	131	526	44 18.6	-64 13.1	0	8.5	347.9	-9.3	7.6
0	131	526	44 18.6	-64 13.1	0				
0	131	533	44 17.7	-64 12.8	0	7.9	166.6	10.2	1.7
0	131	533	44 17.7	-64 12.8	0				
0	131	553	44 14.6	-64 12.1	0	9.4	170.8	8.4	5.8
0	131	553	44 14.6	-64 12.1	0				
0	131	615	44 11.2	-64 11.8	0	9.3	176.4	3.5	6.3
0	131	615	44 11.2	-64 11.8	0				
2	131	630	44 12.7	-64 9.4	0	9.1	48.9	37.4	4.2
1	131	743	44 24.1	-64 4.2	1				
3	131	815	44 18.3	-64 5.0	1	10.9	185.6	-5.3	10.8
3	131	815	44 18.3	-64 5.0	1				
3	131	830	44 16.3	-64 2.3	1	11.1	136.0	42.0	5.2
3	131	830	44 16.3	-64 2.3	1				
3	131	900	44 11.6	-63 56.6	1	12.5	139.0	44.6	11.5
3	131	900	44 11.6	-63 56.6	1				
3	131	930	44 6.8	-63 51.6	1	12.0	143.2	39.2	11.1
3	131	930	44 6.8	-63 51.6	1				
3	131	1000	44 1.5	-63 46.2	1	13.1	143.8	42.6	12.2
3	131	1000	44 1.5	-63 46.2	1				
3	131	1030	43 56.6	-63 41.5	1	11.9	145.4	37.1	11.0

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LCNGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	131	1030	43 56.6	-63 41.5	1				
3	131	1100	43 52.2	-63 36.3	1	11.6	139.6	41.1	10.7
3	131	1100	43 52.2	-63 36.3	1				
3	131	1130	43 47.4	-63 30.7	1	12.6	139.9	44.4	11.6
3	131	1130	43 47.4	-63 30.7	1				
0	131	1200	43 42.5	-63 25.1	0	12.7	140.5	44.5	11.8
0	131	1200	43 42.5	-63 25.1	0				
0	131	1230	43 37.6	-63 19.5	0	12.7	140.4	44.7	11.8
0	131	1230	43 37.6	-63 19.5	0				
0	131	1300	43 33.4	-63 14.2	0	11.4	137.6	42.3	10.5
0	131	1300	43 33.4	-63 14.2	0				
2	131	1322	43 29.8	-63 10.0	0	12.9	139.8	45.9	8.7
1	131	1400	43 30.0	-63 9.8	0				
0	131	1430	43 30.2	-63 19.1	0	13.5	271.7	-72.7	12.5
0	131	1430	43 30.2	-63 19.1	0				
0	131	1500	43 29.6	-63 27.8	0	12.7	264.6	-68.0	11.7
0	131	1500	43 29.6	-63 27.8	0				
0	131	1530	43 29.6	-63 37.5	0	14.1	270.0	-75.8	13.0
0	131	1530	43 29.6	-63 37.5	0				
0	131	1600	43 29.2	-63 46.5	0	13.1	266.5	-70.4	12.1
0	131	1600	43 29.2	-63 46.5	0				
0	131	1630	43 29.8	-63 55.6	0	13.3	275.2	-71.2	12.3
0	131	1630	43 29.8	-63 55.6	0				
0	131	1705	43 28.8	-64 6.7	0	13.9	262.9	-74.4	15.0
0	131	1705	43 28.8	-64 6.7	0				
0	131	1730	43 24.1	-64 9.8	1	12.5	205.6	-28.8	9.7
0	131	1730	43 24.1	-64 9.8	1				
3	131	1800	43 17.9	-64 13.6	1	13.6	204.0	-29.4	12.6
3	131	1800	43 17.9	-64 13.6	1				
3	131	1830	43 11.6	-64 17.4	1	13.8	203.7	-29.5	12.7

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	131	1830	43 11.6	-64 17.4	1				
3	131	1900	43 5.3	-64 21.3	1	13.8	204.3	-30.4	12.8
3	131	1900	43 5.3	-64 21.3	1				
3	131	2000	42 53.1	-64 30.3	1	13.9	208.4	-35.3	25.7
3	131	2000	42 53.1	-64 30.3	1				
3	131	2100	42 40.9	-64 39.2	1	13.8	208.2	-35.2	25.6
3	131	2100	42 40.9	-64 39.2	1				
3	131	2115	42 37.7	-64 41.2	1	14.1	204.7	-31.7	6.5
3	131	2115	42 37.7	-64 41.2	1				
3	131	2130	42 35.5	-64 45.0	1	14.2	231.8	-61.0	6.6
3	131	2130	42 35.5	-64 45.0	1				
3	131	2200	42 32.0	-64 52.8	1	13.5	238.6	-62.8	12.5
3	131	2200	42 32.0	-64 52.8	1				
3	131	2300	42 24.0	-65 7.6	1	13.5	233.8	-59.7	25.1
3	131	2300	42 24.0	-65 7.6	1				
3	131	2330	42 19.6	-65 14.8	1	13.8	230.4	-58.2	12.8
3	131	2330	42 19.6	-65 14.8	1				
0	131	2359	42 15.5	-65 21.9	5	13.7	232.1	-59.1	12.2
0	131	2359	42 15.5	-65 21.9	5				
3	132	0	42 15.4	-65 22.1	1	14.0	232.9	-61.3	.4
3	132	0	42 15.4	-65 22.1	1				
3	132	30	42 11.1	-65 29.6	1	14.1	232.3	-60.9	13.0
3	132	30	42 11.1	-65 29.6	1				
3	132	200	41 57.9	-65 49.1	1	13.1	227.6	-53.0	36.3
3	132	200	41 57.9	-65 49.1	1				
3	132	300	41 49.7	-66 3.7	1	13.6	233.0	-59.9	25.2
3	132	300	41 49.7	-66 3.7	1				
3	132	315	41 48.0	-66 7.2	1	12.5	236.9	-57.7	5.8
3	132	315	41 48.0	-66 7.2	1				
3	132	345	41 47.5	-66 16.1	1	13.3	265.7	-73.5	12.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	132	345	41 47.5	-66 16.1	1				
3	132	400	41 44.6	-66 17.7	1	12.5	202.4	-26.1	5.8
3	132	400	41 44.6	-66 17.7	1				
3	132	500	41 54.0	-66 29.3	1	12.8	317.4	-47.7	23.7
3	132	500	41 54.0	-66 29.3	1				
3	132	530	41 58.8	-66 35.0	1	12.8	318.5	-46.7	11.9
3	132	530	41 58.8	-66 35.0	1				
3	132	600	41 59.6	-66 36.0	1	2.2	317.1	-8.3	2.0
3	132	600	41 59.6	-66 36.0	1				
3	132	700	42 3.2	-66 41.0	1	5.2	314.1	-20.6	9.6
3	132	700	42 3.2	-66 41.0	1				
3	132	730	42 6.7	-66 44.0	1	8.3	327.5	-24.5	7.7
3	132	730	42 6.7	-66 44.0	1				
3	132	805	42 7.4	-66 47.5	1	4.6	285.1	-24.7	5.0
3	132	805	42 7.4	-66 47.5	1				
3	132	815	42 6.7	-66 49.4	1	9.4	243.6	-46.7	2.9
3	132	815	42 6.7	-66 49.4	1				
3	132	900	42 11.1	-66 54.4	1	7.7	319.9	-27.3	10.7
3	132	900	42 11.1	-66 54.4	1				
3	132	930	42 14.0	-66 57.5	1	7.4	321.6	-25.3	6.9
3	132	930	42 14.0	-66 57.5	1				
3	132	1030	42 20.8	-67 3.9	1	8.3	325.2	-26.0	15.4
3	132	1030	42 20.8	-67 3.9	1				
3	132	1100	42 24.2	-67 7.2	1	8.4	324.4	-26.7	7.8
3	132	1100	42 24.2	-67 7.2	1				
3	132	1130	42 27.5	-67 9.6	1	7.5	331.8	-19.4	6.9
3	132	1130	42 27.5	-67 9.6	1				
3	132	1145	42 30.0	-67 9.3	1	10.0	5.1	5.3	4.7
3	132	1145	42 30.0	-67 9.3	1				
3	132	1230	42 32.6	-67 15.6	1	7.1	299.2	-34.0	9.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	132	1230	42 32.6	-67 15.6	1				
3	132	1300	42 32.8	-67 13.5	1	3.1	82.6	17.2	2.9
3	132	1300	42 32.8	-67 13.5	1				
2	132	1400	42 27.8	-67 .4	1	10.9	117.4	53.9	20.1
1	132	2220	42 31.1	-66 53.5	1				
3	132	2300	42 32.4	-67 5.5	1	13.4	278.4	-72.6	16.6
3	132	2300	42 32.4	-67 5.5	1				
3	132	2330	42 33.2	-67 15.2	1	14.4	276.4	-78.2	13.3
3	132	2330	42 33.2	-67 15.2	1				
3	132	2350	42 33.8	-67 21.2	1	13.4	277.7	-72.6	8.3
3	132	2350	42 33.8	-67 21.2	1				
0	132	2359	42 34.8	-67 19.2	5	11.7	56.1	54.3	3.3
0	132	2359	42 34.8	-67 19.2	5				
3	133	0	42 34.9	-67 19.0	1	12.3	53.5	55.2	.4
3	133	0	42 34.9	-67 19.0	1				
3	133	130	42 35.5	-66 53.0	1	12.8	88.2	71.2	35.5
3	133	130	42 35.5	-66 53.0	1				
3	133	200	42 35.9	-66 44.2	1	13.0	86.5	72.3	12.0
3	133	200	42 35.9	-66 44.2	1				
3	133	220	42 36.0	-66 38.1	1	13.5	88.7	75.2	8.3
3	133	220	42 36.0	-66 38.1	1				
3	133	230	42 36.8	-66 36.0	1	10.4	62.6	51.7	3.2
3	133	230	42 36.8	-66 36.0	1				
3	133	300	42 37.9	-66 27.8	1	12.3	79.7	67.3	11.4
3	133	300	42 37.9	-66 27.8	1				
3	133	400	42 38.4	-66 10.4	1	12.8	87.8	71.4	23.7
3	133	400	42 38.4	-66 10.4	1				
3	133	430	42 38.0	-66 1.2	1	13.6	93.4	75.5	12.6
3	133	430	42 38.0	-66 1.2	1				
3	133	600	42 36.5	-65 33.8	1	13.5	94.3	75.0	37.5

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	133	600	42 36.5	-65 33.8	1				
3	133	635	42 35.8	-65 23.3	1	13.3	95.2	73.9	14.4
3	133	635	42 35.8	-65 23.3	1				
0	133	700	42 40.2	-65 22.3	1	10.7	9.5	10.2	8.3
0	133	700	42 40.2	-65 22.3	1				
0	133	720	42 35.2	-65 22.0	0	15.0	177.5	4.6	9.3
0	133	720	42 35.2	-65 22.0	0				
0	133	825	42 43.3	-65 13.6	0	9.4	37.3	31.8	18.9
0	133	825	42 43.3	-65 13.6	0				
0	133	900	42 42.4	-65 22.8	0	11.7	262.4	-63.3	12.6
0	133	900	42 42.4	-65 22.8	0				
0	133	930	42 41.5	-65 31.9	0	13.5	262.3	-73.0	12.5
0	133	930	42 41.5	-65 31.9	0				
0	133	1000	42 42.0	-65 41.0	0	13.4	274.3	-73.0	12.4
0	133	1000	42 42.0	-65 41.0	0				
0	133	1030	42 42.8	-65 50.3	0	13.8	276.7	-74.6	12.7
0	133	1030	42 42.8	-65 50.3	0				
0	133	1130	42 42.8	-66 7.2	0	12.4	270.0	-67.8	23.0
0	133	1130	42 42.8	-66 7.2	0				
0	133	1300	42 43.4	-66 34.8	0	13.5	271.7	-73.8	37.6
0	133	1300	42 43.4	-66 34.8	0				
0	133	1330	42 43.5	-66 43.9	0	13.4	270.9	-73.0	12.4
0	133	1330	42 43.5	-66 43.9	0				
0	133	1430	42 44.7	-67 3.0	1	14.1	274.9	-76.5	26.1
0	133	1430	42 44.7	-67 3.0	1				
3	133	1500	42 45.2	-67 12.6	1	14.1	274.1	-76.9	13.1
3	133	1500	42 45.2	-67 12.6	1				
0	133	1518	42 45.3	-67 18.4	1	14.2	271.3	-77.4	7.9
0	133	1518	42 45.3	-67 18.4	1				
3	133	1530	42 46.4	-67 21.3	1	12.0	297.3	-58.1	4.4



## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	133	1530	42 46.4	-67 21.3	1				
2	133	1600	42 48.4	-67 25.0	1	6.7	306.4	-29.7	6.2
1	133	2110	42 51.5	-67 37.3	1				
3	133	2130	42 47.5	-67 37.2	1	12.0	178.9	1.8	7.4
3	133	2130	42 47.5	-67 37.2	1				
3	133	2300	42 30.5	-67 41.0	1	11.5	189.3	-9.7	31.9
3	133	2300	42 30.5	-67 41.0	1				
3	133	2335	42 23.2	-67 41.8	1	12.6	184.6	-4.9	13.6
3	133	2335	42 23.2	-67 41.8	1				
0	133	2359	42 23.1	-67 34.5	5	13.5	91.5	75.4	10.0
0	133	2359	42 23.1	-67 34.5	5				
0	134	0	42 23.1	-67 34.2	5	13.9	90.0	77.6	.4
0	134	0	42 23.1	-67 34.2	5				
3	134	30	42 22.9	-67 25.1	1	13.5	91.4	75.3	12.5
3	134	30	42 22.9	-67 25.1	1				
3	134	100	42 22.8	-67 16.1	1	13.3	90.9	74.4	12.3
3	134	100	42 22.8	-67 16.1	1				
3	134	200	42 23.6	-66 57.9	1	13.5	86.6	75.3	24.9
3	134	200	42 23.6	-66 57.9	1				
3	134	230	42 24.2	-66 48.6	1	13.8	85.0	76.9	12.8
3	134	230	42 24.2	-66 48.6	1				
3	134	300	42 24.8	-66 39.3	1	13.8	85.0	76.9	12.8
3	134	300	42 24.8	-66 39.3	1				
3	134	400	42 24.6	-66 22.0	1	12.8	90.9	71.5	23.7
3	134	400	42 24.6	-66 22.0	1				
3	134	430	42 24.6	-66 13.3	1	12.9	90.0	71.9	11.9
3	134	430	42 24.6	-66 13.3	1				
3	134	500	42 24.6	-66 4.6	1	12.9	90.0	71.9	11.9
3	134	500	42 24.6	-66 4.6	1				
0	134	600	42 25.1	-65 45.8	1	13.9	87.9	77.7	25.7

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	134	600	42 25.1	-65 45.8	1				
0	134	630	42 25.4	-65 36.4	0	13.9	87.5	77.7	12.9
0	134	630	42 25.4	-65 36.4	0				
0	134	655	42 25.7	-65 27.8	0	15.3	87.3	85.4	11.8
0	134	655	42 25.7	-65 27.8	0				
0	134	710	42 22.6	-65 26.2	0	13.3	159.1	26.9	6.1
0	134	710	42 22.6	-65 26.2	0				
0	134	720	42 24.2	-65 24.6	0	11.9	36.4	39.9	3.7
0	134	720	42 24.2	-65 24.6	0				
0	134	755	42 24.6	-65 13.2	0	14.5	87.3	80.8	15.6
0	134	755	42 24.6	-65 13.2	0				
0	134	838	42 15.4	-65 12.2	0	12.9	175.4	6.4	17.1
0	134	838	42 15.4	-65 12.2	0				
0	134	930	42 14.0	-65 27.6	0	13.3	263.0	-72.4	21.3
0	134	930	42 14.0	-65 27.6	0				
0	134	1000	42 13.6	-65 36.9	0	13.8	266.7	-75.7	12.8
0	134	1000	42 13.6	-65 36.9	0				
0	134	1030	42 13.2	-65 46.3	0	13.9	266.7	-76.6	12.9
0	134	1030	42 13.2	-65 46.3	0				
0	134	1130	42 13.2	-66 2.5	0	12.0	270.0	-66.1	22.2
0	134	1130	42 13.2	-66 2.5	0				
0	134	1230	42 12.3	-66 18.6	1	12.0	265.7	-65.7	22.2
0	134	1230	42 12.3	-66 18.6	1				
3	134	1400	42 12.6	-66 43.3	1	12.2	270.9	-67.2	33.9
3	134	1400	42 12.6	-66 43.3	1				
3	134	1500	42 12.6	-67 1.1	1	13.2	270.0	-72.6	24.4
3	134	1500	42 12.6	-67 1.1	1				
3	134	1600	42 13.0	-67 20.2	1	14.2	271.6	-77.8	26.2
3	134	1600	42 13.0	-67 20.2	1				
3	134	1630	42 13.0	-67 29.2	1	13.3	270.0	-73.4	12.3
3	134	1630	42 13.0	-67 29.2	1				

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	134	1630	42 13.0	-67 29.2	1				
3	134	1710	42 13.0	-67 41.0	1	13.1	270.0	-72.2	16.2
3	134	1710	42 13.0	-67 41.0	1				
0	134	1810	42 2.7	-67 41.0	0	10.3	180.0	.4	19.1
0	134	1810	42 2.7	-67 41.0	0				
0	134	1830	42 2.6	-67 33.6	0	16.5	91.0	93.0	10.2
0	134	1830	42 2.6	-67 33.6	0				
0	134	1930	42 2.2	-67 13.6	0	14.9	91.5	83.7	27.5
0	134	1930	42 2.2	-67 13.6	0				
0	134	2030	42 1.4	-66 53.6	0	14.9	93.1	83.7	27.6
0	134	2030	42 1.4	-66 53.6	0				
0	134	2105	42 1.4	-66 42.0	0	14.8	90.0	83.3	16.0
0	134	2105	42 1.4	-66 42.0	0				
0	134	2112	42 2.0	-66 40.0	0	13.7	68.0	71.8	3.0
0	134	2112	42 2.0	-66 40.0	0				
0	134	2200	42 1.2	-66 24.0	0	14.9	93.9	83.8	22.1
0	134	2200	42 1.2	-66 24.0	0				
0	134	2220	42 1.0	-66 17.4	0	14.7	92.3	82.9	9.1
0	134	2220	42 1.0	-66 17.4	0				
0	134	2230	41 59.6	-66 14.4	0	15.8	122.1	75.6	4.9
0	134	2230	41 59.6	-66 14.4	0				
0	134	2300	41 59.8	-66 5.2	0	13.7	88.3	77.1	12.7
0	134	2300	41 59.8	-66 5.2	0				
0	134	2330	42 .8	-65 56.0	1	13.8	81.7	77.1	12.8
0	134	2330	42 .8	-65 56.0	1				
3	134	2352	42 1.8	-65 49.0	1	14.4	79.1	79.9	9.8
3	134	2352	42 1.8	-65 49.0	1				
0	134	2359	42 .4	-65 48.8	5	12.1	174.5	7.0	2.6
0	134	2359	42 .4	-65 48.8	5				
3	135	0	42 .2	-65 48.8	1	12.3	175.8	5.7	.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	135	0	42 .2	-65 48.8	1				
3	135	30	41 52.8	-65 47.8	1	14.9	174.3	9.2	13.8
3	135	30	41 52.8	-65 47.8	1				
3	135	46	41 50.4	-65 47.2	1	9.2	169.5	9.7	4.5
3	135	46	41 50.4	-65 47.2	1				
3	135	130	41 50.5	-66 1.6	1	14.6	270.5	-80.9	19.9
3	135	130	41 50.5	-66 1.6	1				
3	135	200	41 50.5	-66 11.2	1	14.3	270.0	-79.1	13.2
3	135	200	41 50.5	-66 11.2	1				
3	135	230	41 50.6	-66 20.8	1	14.3	270.8	-79.1	13.3
3	135	230	41 50.6	-66 20.8	1				
3	135	330	41 53.0	-66 39.2	1	13.9	279.9	-75.8	25.8
3	135	330	41 53.0	-66 39.2	1				
3	135	500	41 51.0	-67 5.6	1	13.2	264.2	-72.5	36.6
3	135	500	41 51.0	-67 5.6	1				
3	135	600	42 4.0	-67 .5	1	13.5	16.3	21.9	25.1
3	135	600	42 4.0	-67 .5	1				
3	135	730	42 23.0	-66 53.3	1	13.2	15.7	20.5	36.6
3	135	730	42 23.0	-66 53.3	1				
3	135	830	42 35.2	-66 49.4	1	12.5	13.3	16.6	23.2
3	135	830	42 35.2	-66 49.4	1				
3	135	900	42 41.3	-66 46.7	1	12.8	18.0	22.6	11.9
3	135	900	42 41.3	-66 46.7	1				
3	135	1000	42 53.4	-66 41.2	1	12.8	18.4	22.9	23.6
3	135	1000	42 53.4	-66 41.2	1				
3	135	1100	43 4.6	-66 35.8	1	11.9	19.4	22.3	22.0
3	135	1100	43 4.6	-66 35.8	1				
3	135	1130	43 10.3	-66 33.2	1	12.0	18.4	21.4	11.1
3	135	1130	43 10.3	-66 33.2	1				
2	135	1200	43 16.0	-66 30.6	1	12.0	18.4	21.3	11.1

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	135	2150	43 18.6	-66 31.4	1				
2	135	2235	43 11.6	-66 38.2	1	11.4	215.3	-35.6	15.9
1	136	100	43 10.0	-66 36.2	1				
3	136	130	43 14.7	-66 42.5	1	13.1	315.7	-49.5	12.2
3	136	130	43 14.7	-66 42.5	1				
3	136	230	43 25.6	-66 54.8	1	14.1	320.6	-48.0	26.1
3	136	230	43 25.6	-66 54.8	1				
3	136	255	43 29.4	-66 59.6	1	12.4	317.5	-44.9	9.6
3	136	255	43 29.4	-66 59.6	1				
3	136	500	43 44.0	-66 58.5	1	7.0	3.1	2.3	27.1
3	136	500	43 44.0	-66 58.5	1				
3	136	700	43 59.4	-66 57.4	1	7.7	2.9	2.4	28.6
3	136	700	43 59.4	-66 57.4	1				
3	136	740	44 4.6	-66 56.8	1	7.8	4.7	3.7	9.7
3	136	740	44 4.6	-66 56.8	1				
3	136	800	44 7.0	-66 58.0	1	7.7	340.2	-13.7	4.7
3	136	800	44 7.0	-66 58.0	1				
3	136	900	44 13.3	-67 2.0	1	6.9	335.5	-15.2	12.8
3	136	900	44 13.3	-67 2.0	1				
3	136	915	44 14.6	-67 3.0	1	5.9	331.1	-15.3	2.8
3	136	915	44 14.6	-67 3.0	1				
3	136	930	44 15.6	-67 2.0	1	4.9	35.6	15.5	2.3
3	136	930	44 15.6	-67 2.0	1				
3	136	940	44 15.7	-67 .8	1	5.2	83.4	27.8	1.6
3	136	940	44 15.7	-67 .8	1				
3	136	1000	44 14.2	-66 58.0	1	7.5	126.8	32.6	4.6
3	136	1000	44 14.2	-66 58.0	1				
3	136	1100	44 9.4	-66 51.2	1	6.8	134.6	26.4	12.7
3	136	1100	44 9.4	-66 51.2	1				
3	136	1130	44 7.0	-66 48.1	1	6.5	137.2	24.1	6.1

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	136	1130	44 7.0	-66 48.1	1				
2	136	1200	44 5.4	-66 45.3	1	5.1	128.5	21.8	4.8
1	136	1400	44 7.3	-66 50.4	1				
3	136	1430	44 6.0	-66 47.7	1	4.7	123.8	21.0	4.3
3	136	1430	44 6.0	-66 47.7	1				
3	136	1500	44 4.8	-66 45.0	1	4.6	121.7	21.0	4.2
3	136	1500	44 4.8	-66 45.0	1				
3	136	1530	44 3.1	-66 42.5	1	4.9	133.4	19.5	4.6
3	136	1530	44 3.1	-66 42.5	1				
3	136	1600	44 1.8	-66 39.1	1	5.5	118.0	26.5	5.1
3	136	1600	44 1.8	-66 39.1	1				
3	136	1630	43 59.8	-66 36.2	1	5.8	133.8	22.7	5.4
3	136	1630	43 59.8	-66 36.2	1				
2	136	1700	43 58.2	-66 33.0	1	5.6	124.8	25.0	5.2
1	137	0	44 14.0	-66 47.2	1				
3	137	30	44 13.8	-66 45.0	1	3.2	97.2	17.0	2.9
3	137	30	44 13.8	-66 45.0	1				
3	137	100	44 10.8	-66 42.5	1	7.0	149.1	19.5	6.5
3	137	100	44 10.8	-66 42.5	1				
3	137	130	44 8.7	-66 40.4	1	5.2	144.3	16.3	4.8
3	137	130	44 8.7	-66 40.4	1				
3	137	230	44 4.0	-66 35.1	1	6.0	141.0	20.7	11.2
3	137	230	44 4.0	-66 35.1	1				
3	137	400	43 56.8	-66 25.8	1	6.6	137.1	24.2	18.2
3	137	400	43 56.8	-66 25.8	1				
3	137	430	44 1.4	-66 27.4	1	9.5	345.9	-12.1	8.8
3	137	430	44 1.4	-66 27.4	1				
3	137	530	44 9.6	-66 33.1	1	9.2	333.5	-21.7	17.0
3	137	530	44 9.6	-66 33.1	1				
3	137	550	44 12.4	-66 34.3	1	8.8	342.9	-13.6	5.4

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	137	550	44 12.4	-66 34.3	1				
3	137	600	44 13.0	-66 35.2	1	5.3	312.9	-20.7	1.6
3	137	600	44 13.0	-66 35.2	1				
3	137	620	44 12.3	-66 37.2	1	4.8	244.0	-23.0	3.0
3	137	620	44 12.3	-66 37.2	1				
3	137	700	44 9.5	-66 38.0	1	4.3	191.6	-4.6	5.3
3	137	700	44 9.5	-66 38.0	1				
3	137	730	44 6.2	-66 40.1	1	7.3	204.5	-16.0	6.7
3	137	730	44 6.2	-66 40.1	1				
3	137	800	44 3.2	-66 42.4	1	6.9	208.8	-17.6	6.3
3	137	800	44 3.2	-66 42.4	1				
3	137	830	44 .6	-66 45.3	1	6.7	218.7	-22.3	6.2
3	137	830	44 .6	-66 45.3	1				
3	137	900	43 57.8	-66 49.4	1	8.1	226.5	-31.6	7.5
3	137	900	43 57.8	-66 49.4	1				
3	137	1000	43 51.3	-66 56.2	1	8.1	217.0	-26.2	15.1
3	137	1000	43 51.3	-66 56.2	1				
3	137	1030	43 48.0	-66 59.3	1	8.0	214.1	-24.0	7.4
3	137	1030	43 48.0	-66 59.3	1				
2	137	1130	43 41.6	-67 5.5	1	7.8	215.0	-24.0	14.5
1	137	1400	43 40.3	-67 8.5	1				
3	137	1430	43 40.9	-67 1.1	1	10.8	83.6	58.6	10.0
3	137	1430	43 40.9	-67 1.1	1				
3	137	1500	43 41.2	-66 52.0	1	13.2	87.4	72.2	12.2
3	137	1500	43 41.2	-66 52.0	1				
2	137	1530	43 41.0	-66 43.0	1	13.0	91.8	71.3	12.1
1	137	1615	43 41.4	-66 42.5	1				
3	137	1630	43 44.0	-66 42.4	1	10.4	1.6	2.0	4.8
3	137	1630	43 44.0	-66 42.4	1				
3	137	1700	43 51.4	-66 40.6	1	15.0	10.0	15.0	13.9

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	137	1700	43 51.4	-66 40.6	1				
2	137	1815	44 9.5	-66 35.4	1	14.8	11.7	17.1	34.2
1	137	2300	44 7.0	-66 22.2	1				
0	137	2359	44 7.2	-66 39.9	5	12.9	270.9	-68.9	23.5
0	137	2359	44 7.2	-66 39.9	5				
3	138	0	44 7.2	-66 40.2	1	13.4	272.6	-71.6	.4
3	138	0	44 7.2	-66 40.2	1				
3	138	30	44 7.5	-66 48.7	1	12.2	272.8	-65.1	11.3
3	138	30	44 7.5	-66 48.7	1				
3	138	100	44 7.8	-66 57.2	1	12.2	272.8	-65.1	11.3
3	138	100	44 7.8	-66 57.2	1				
3	138	130	44 8.6	-67 6.2	1	13.0	277.1	-68.9	12.1
3	138	130	44 8.6	-67 6.2	1				
3	138	200	44 9.1	-67 15.3	1	13.1	274.4	-69.6	12.1
3	138	200	44 9.1	-67 15.3	1				
3	138	230	44 9.7	-67 24.4	1	13.1	275.3	-69.6	12.1
3	138	230	44 9.7	-67 24.4	1				
3	138	300	44 9.7	-67 32.5	1	11.6	270.0	-62.0	10.8
3	138	300	44 9.7	-67 32.5	1				
3	138	340	44 10.2	-67 42.2	1	10.5	274.1	-55.7	12.9
3	138	340	44 10.2	-67 42.2	1				
3	138	450	44 5.8	-68 3.0	1	13.3	253.6	-68.2	28.8
3	138	450	44 5.8	-68 3.0	1				
3	138	525	44 0	-68 7.2	1	11.2	207.5	-27.4	12.1
3	138	525	44 0	-68 7.2	1				
3	138	600	43 59.4	-67 57.2	1	12.4	94.8	67.2	13.4
3	138	600	43 59.4	-67 57.2	1				
3	138	730	43 58.5	-67 31.7	1	12.2	92.8	66.7	34.0
3	138	730	43 58.5	-67 31.7	1				
3	138	800	43 58.2	-67 23.2	1	12.3	92.8	66.7	11.3



## NAVIGATION FIX HUDSON 71-014

LG	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	138	800	43 58.2	-67 23.2	1				
3	138	900	43 58.6	-67 5.5	1	12.7	88.2	69.5	23.6
3	138	900	43 58.6	-67 5.5	1				
3	138	1030	43 59.0	-66 40.6	1	12.0	88.7	65.1	33.2
3	138	1030	43 59.0	-66 40.6	1				
3	138	1130	43 59.5	-66 23.2	1	12.5	87.7	68.2	23.2
3	138	1130	43 59.5	-66 23.2	1				
3	138	1230	44 2.7	-66 26.2	1	3.9	326.0	-11.6	7.1
3	138	1230	44 2.7	-66 26.2	1				
3	138	1330	44 6.4	-66 29.6	1	4.4	326.6	-13.1	8.2
3	138	1330	44 6.4	-66 29.6	1				
3	138	1500	44 12.6	-66 36.9	1	5.4	319.8	-18.7	15.0
3	138	1500	44 12.6	-66 36.9	1				
3	138	1530	44 14.7	-66 39.0	1	5.2	324.4	-16.1	4.8
3	138	1530	44 14.7	-66 39.0	1				
2	138	1550	44 16.5	-66 40.3	1	6.1	332.7	-14.9	3.8
1	138	1825	44 14.6	-66 41.4	1				
3	138	1900	44 17.0	-66 37.9	1	6.0	46.2	23.2	6.4
3	138	1900	44 17.0	-66 37.9	1				
3	138	2000	44 21.1	-66 29.9	1	7.0	54.4	30.9	13.0
3	138	2000	44 21.1	-66 29.9	1				
3	138	2030	44 23.4	-66 26.0	1	7.2	50.5	30.1	6.7
3	138	2030	44 23.4	-66 26.0	1				
3	138	2100	44 25.8	-66 22.1	1	7.4	49.3	30.1	6.8
3	138	2100	44 25.8	-66 22.1	1				
2	138	2135	44 28.2	-66 17.0	1	7.5	56.6	33.7	8.1
1	139	0	44 30.4	-66 26.3	1				
3	139	30	44 24.8	-66 21.0	1	13.5	146.0	41.3	12.5
3	139	30	44 24.8	-66 21.0	1				
3	139	50	44 21.6	-66 17.9	1	11.7	145.3	36.2	7.2

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	139	50	44 21.6	-66 17.9	1				
3	139	300	44 30.5	-66 29.2	1	5.5	317.8	-19.8	22.3
3	139	300	44 30.5	-66 29.2	1				
3	139	400	44 34.7	-66 31.8	1	4.6	336.2	-9.8	8.5
3	139	400	44 34.7	-66 31.8	1				
3	139	430	44 37.6	-66 33.3	1	6.2	339.8	-11.3	5.7
3	139	430	44 37.6	-66 33.3	1				
3	139	500	44 40.2	-66 35.1	1	5.8	333.8	-13.5	5.4
3	139	500	44 40.2	-66 35.1	1				
3	139	530	44 43.2	-66 38.0	1	7.3	325.5	-21.8	6.7
3	139	530	44 43.2	-66 38.0	1				
3	139	600	44 45.5	-66 40.8	1	6.1	319.1	-21.1	5.6
3	139	600	44 45.5	-66 40.8	1				
2	139	615	44 46.7	-66 42.4	1	6.6	316.6	-24.0	3.1
1	139	715	44 48.6	-66 38.5	1				
3	139	730	44 46.1	-66 38.5	1	10.0	180.0	.4	4.6
3	139	730	44 46.1	-66 38.5	1				
3	139	800	44 39.6	-66 37.1	1	13.2	171.3	11.3	12.2
3	139	800	44 39.6	-66 37.1	1				
3	139	825	44 36.3	-66 36.6	1	8.0	173.8	4.8	6.1
3	139	825	44 36.3	-66 36.6	1				
3	139	845	44 34.4	-66 34.7	1	7.0	144.5	21.9	4.3
3	139	845	44 34.4	-66 34.7	1				
3	139	900	44 33.2	-66 33.0	1	6.8	134.7	26.1	3.2
3	139	900	44 33.2	-66 33.0	1				
3	139	1000	44 28.2	-66 27.4	1	6.4	141.4	21.5	11.9
3	139	1000	44 28.2	-66 27.4	1				
3	139	1030	44 25.2	-66 25.6	1	6.5	156.8	13.9	6.0
3	139	1030	44 25.2	-66 25.6	1				
3	139	1100	44 22.0	-66 24.1	1	6.8	161.5	11.7	6.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	139	1100	44 22.0	-66 24.1	1				
2	139	1130	44 19.6	-66 21.7	1	5.9	144.4	18.6	5.5
1	139	1430	44 25.8	-66 27.9	1				
3	139	1500	44 27.9	-66 29.2	1	4.6	336.2	-9.9	4.3
3	139	1500	44 27.9	-66 29.2	1				
2	139	1530	44 30.6	-66 29.6	1	5.4	354.0	-2.9	5.0
1	139	1730	44 18.1	-66 20.8	1				
3	139	1740	44 17.3	-66 22.0	1	7.0	227.0	-27.5	2.2
3	139	1740	44 17.3	-66 22.0	1				
3	139	1800	44 16.6	-66 24.0	1	4.8	243.9	-23.0	3.0
3	139	1800	44 16.6	-66 24.0	1				
3	139	1820	44 16.1	-66 25.9	1	4.4	249.8	-21.9	2.7
3	139	1820	44 16.1	-66 25.9	1				
3	139	1900	44 19.3	-66 29.7	1	6.3	319.6	-21.8	7.8
3	139	1900	44 19.3	-66 29.7	1				
3	139	1930	44 22.0	-66 33.1	1	7.3	318.0	-25.9	6.7
3	139	1930	44 22.0	-66 33.1	1				
3	139	2050	44 30.5	-66 39.5	1	7.2	331.7	-18.1	17.9
3	139	2050	44 30.5	-66 39.5	1				
2	139	2115	44 32.3	-66 41.9	1	6.0	316.5	-21.8	4.6
1	139	2300	44 26.0	-66 39.8	1				
3	139	2330	44 29.0	-66 31.6	1	13.2	62.9	63.4	12.2
3	139	2330	44 29.0	-66 31.6	1				
3	139	2350	44 30.4	-66 26.6	1	11.5	68.6	57.8	7.1
3	139	2350	44 30.4	-66 26.6	1				
0	139	2359	44 29.5	-66 27.2	5	6.6	206.7	-15.6	1.8
0	139	2359	44 29.5	-66 27.2	5				
0	140	0	44 29.4	-66 27.3	5	7.2	209.7	-18.9	.2
0	140	0	44 29.4	-66 27.3	5				
2	140	30	44 26.5	-66 29.4	1	6.6	207.2	-15.9	6.1

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	140	130	44 26.3	-66 30.8	1				
3	140	200	44 23.1	-66 34.2	1	8.0	217.2	-25.8	7.4
3	140	200	44 23.1	-66 34.2	1				
3	140	230	44 19.2	-66 37.3	1	9.0	209.6	-23.5	8.3
3	140	230	44 19.2	-66 37.3	1				
3	140	300	44 19.6	-66 42.5	1	7.5	276.1	-39.7	6.9
3	140	300	44 19.6	-66 42.5	1				
3	140	430	44 21.8	-66 56.4	1	6.8	282.5	-35.4	18.9
3	140	430	44 21.8	-66 56.4	1				
3	140	525	44 24.9	-67 6.6	1	8.6	293.0	-42.3	14.7
3	140	525	44 24.9	-67 6.6	1				
3	140	600	44 21.9	-67 5.0	1	5.5	159.1	10.6	5.9
3	140	600	44 21.9	-67 5.0	1				
3	140	630	44 19.0	-67 2.7	1	6.7	150.4	17.8	6.2
3	140	630	44 19.0	-67 2.7	1				
3	140	700	44 16.4	-66 59.8	1	6.7	141.4	22.5	6.2
3	140	700	44 16.4	-66 59.8	1				
3	140	800	44 12.8	-66 53.0	1	6.1	126.5	26.3	11.2
3	140	800	44 12.8	-66 53.0	1				
3	140	815	44 11.8	-66 52.2	1	4.6	150.2	12.4	2.1
3	140	815	44 11.8	-66 52.2	1				
3	140	930	44 15.0	-67 3.0	1	6.7	292.5	-33.1	15.5
3	140	930	44 15.0	-67 3.0	1				
3	140	1030	44 17.2	-67 12.4	1	7.1	288.1	-36.0	13.1
3	140	1030	44 17.2	-67 12.4	1				
3	140	1100	44 18.6	-67 17.2	1	7.4	292.2	-36.7	6.9
3	140	1100	44 18.6	-67 17.2	1				
2	140	1130	44 19.6	-67 22.5	1	7.8	284.8	-40.5	7.3
1	140	1200	44 20.2	-67 27.1	1				
3	140	1230	44 15.4	-67 33.5	1	13.3	223.7	-48.5	12.3

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	140	1230	44 15.4	-67 33.5	1				
2	140	1300	44 10.1	-67 40.5	1	14.6	223.4	-53.1	13.5
1	141	45	44 1.0	-67 19.7	1				
3	141	100	44 2.9	-67 21.2	1	8.7	330.4	-23.0	4.0
3	141	100	44 2.9	-67 21.2	1				
3	141	130	44 6.2	-67 22.0	1	6.7	350.1	-6.0	6.2
3	141	130	44 6.2	-67 22.0	1				
3	141	230	44 12.0	-67 24.0	1	6.0	346.1	-7.6	11.1
3	141	230	44 12.0	-67 24.0	1				
3	141	400	44 20.4	-67 25.2	1	5.6	354.2	-2.9	15.6
3	141	400	44 20.4	-67 25.2	1				
3	141	430	44 18.7	-67 22.5	1	5.1	131.4	20.9	4.8
3	141	430	44 18.7	-67 22.5	1				
3	141	530	44 13.3	-67 16.3	1	7.0	140.6	24.1	12.9
3	141	530	44 13.3	-67 16.3	1				
3	141	600	44 10.7	-67 13.1	1	6.9	138.6	24.9	6.4
3	141	600	44 10.7	-67 13.1	1				
3	141	700	44 6.6	-67 5.8	1	6.7	128.0	28.4	12.3
3	141	700	44 6.6	-67 5.8	1				
3	141	830	44 .6	-66 55.0	1	6.5	127.7	28.1	18.2
3	141	830	44 .6	-66 55.0	1				
3	141	900	44 1.6	-66 50.4	1	6.9	73.2	35.9	6.4
3	141	900	44 1.6	-66 50.4	1				
3	141	930	44 3.8	-66 45.8	1	7.9	56.4	35.9	7.4
3	141	930	44 3.8	-66 45.8	1				
3	141	1000	44 5.8	-66 41.4	1	7.5	57.7	34.3	6.9
3	141	1000	44 5.8	-66 41.4	1				
2	141	1032	44 7.6	-66 36.7	1	7.2	61.9	34.3	7.1
1	141	1100	44 8.2	-66 36.0	1				
3	141	1130	44 7.2	-66 32.4	1	5.5	111.2	28.0	5.1

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	141	1130	44 7.2	-66 32.4	1				
3	141	1200	44 5.8	-66 29.4	1	5.1	123.0	23.3	4.8
3	141	1200	44 5.8	-66 29.4	1				
3	141	1230	44 4.4	-66 26.4	1	5.1	123.0	23.3	4.8
3	141	1230	44 4.4	-66 26.4	1				
3	141	1330	44 1.8	-66 20.4	1	5.0	121.1	23.4	9.3
3	141	1330	44 1.8	-66 20.4	1				
0	141	1350	44 1.2	-66 26.5	1	13.3	262.2	-70.3	8.2
0	141	1350	44 1.2	-66 26.5	1				
0	141	1418	43 57.7	-66 25.0	0	7.9	162.9	12.7	6.8
0	141	1418	43 57.7	-66 25.0	0				
0	141	1430	43 57.0	-66 26.8	0	7.4	241.6	-34.8	2.7
0	141	1430	43 57.0	-66 26.8	0				
0	141	1500	43 56.6	-66 30.9	0	6.0	262.3	-31.8	5.5
0	141	1500	43 56.6	-66 30.9	0				
0	141	1530	43 55.9	-66 35.2	0	6.4	257.3	-33.3	5.9
0	141	1530	43 55.9	-66 35.2	0				
0	141	1630	43 55.4	-66 45.0	0	7.1	265.9	-37.9	13.1
0	141	1630	43 55.4	-66 45.0	0				
0	141	1830	43 55.9	-67 5.0	0	7.2	272.0	-38.7	26.7
0	141	1830	43 55.9	-67 5.0	0				
0	141	1900	43 56.1	-67 9.7	0	6.8	273.4	-36.4	6.3
0	141	1900	43 56.1	-67 9.7	0				
0	141	1930	43 56.2	-67 14.4	0	6.8	271.7	-36.4	6.3
0	141	1930	43 56.2	-67 14.4	0				
0	141	2030	43 55.8	-67 24.6	0	7.4	266.9	-39.5	13.6
0	141	2030	43 55.8	-67 24.6	0				
0	141	2130	43 56.2	-67 34.4	0	7.1	273.2	-37.9	13.1
0	141	2130	43 56.2	-67 34.4	0				
0	141	2200	43 56.5	-67 39.3	1	7.1	274.9	-37.9	6.6

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	141	2200	43 56.5	-67 39.3	1				
3	141	2230	43 56.8	-67 44.2	1	7.1	274.9	-37.9	6.6
3	141	2230	43 56.8	-67 44.2	1				
3	141	2300	43 57.0	-67 49.2	1	7.2	273.2	-38.7	6.7
3	141	2300	43 57.0	-67 49.2	1				
3	141	2330	43 56.9	-67 54.5	1	7.6	268.5	-41.0	7.1
3	141	2330	43 56.9	-67 54.5	1				
0	141	2359	43 56.8	-67 59.6	5	7.6	268.4	-41.0	6.8
0	141	2359	43 56.8	-67 59.6	5				
3	142	0	43 56.8	-67 59.8	1	8.1	270.0	-43.5	.3
3	142	0	43 56.8	-67 59.8	1				
3	142	30	43 56.8	-68 5.4	1	8.1	270.0	-43.3	7.5
3	142	30	43 56.8	-68 5.4	1				
2	142	100	43 53.0	-68 5.8	1	7.6	184.3	-2.9	7.1
1	142	200	43 53.1	-68 3.9	1				
3	142	230	43 52.8	-67 59.5	1	6.4	95.4	34.5	5.9
3	142	230	43 52.8	-67 59.5	1				
3	142	400	43 52.8	-67 44.6	1	7.2	90.0	38.9	19.9
3	142	400	43 52.8	-67 44.6	1				
3	142	500	43 53.2	-67 35.0	1	6.9	86.7	37.6	12.8
3	142	500	43 53.2	-67 35.0	1				
3	142	600	43 52.4	-67 25.0	1	7.3	96.3	39.2	13.4
3	142	600	43 52.4	-67 25.0	1				
3	142	700	43 52.0	-67 14.0	1	7.9	92.9	43.2	14.7
3	142	700	43 52.0	-67 14.0	1				
3	142	730	43 52.2	-67 8.9	1	7.4	86.9	40.0	6.8
3	142	730	43 52.2	-67 8.9	1				
3	142	800	43 52.3	-67 3.8	1	7.4	88.4	40.0	6.8
3	142	800	43 52.3	-67 3.8	1				
3	142	830	43 52.4	-66 58.8	1	7.2	88.4	39.2	6.7

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	142	830	43 52.4	-66 58.8	1				
3	142	930	43 52.8	-66 48.8	1	7.2	86.8	39.2	13.4
3	142	930	43 52.8	-66 48.8	1				
2	142	1100	43 52.5	-66 34.6	1	6.8	91.7	37.1	19.0
1	142	1910	43 45.0	-66 25.0	1				
3	142	1930	43 44.5	-66 27.6	1	5.8	255.1	-30.4	3.6
3	142	1930	43 44.5	-66 27.6	1				
3	142	2030	43 44.9	-66 38.8	1	8.1	272.8	-43.6	15.0
3	142	2030	43 44.9	-66 38.8	1				
3	142	2100	43 46.2	-66 44.0	1	8.0	289.1	-40.5	7.4
3	142	2100	43 46.2	-66 44.0	1				
3	142	2130	43 46.5	-66 49.4	1	7.8	274.4	-42.0	7.2
3	142	2130	43 46.5	-66 49.4	1				
3	142	2200	43 46.5	-66 54.4	1	7.2	270.0	-38.9	6.7
3	142	2200	43 46.5	-66 54.4	1				
3	142	2300	43 46.7	-67 4.5	1	7.3	271.6	-39.3	13.5
3	142	2300	43 46.7	-67 4.5	1				
2	142	2330	43 46.7	-67 9.6	1	7.4	270.0	-39.7	6.8
1	143	130	43 46.9	-67 11.3	1				
3	143	200	43 50.0	-67 8.2	1	7.6	35.8	24.5	7.1
3	143	200	43 50.0	-67 8.2	1				
3	143	230	43 53.2	-67 5.2	1	7.7	34.1	23.7	7.2
3	143	230	43 53.2	-67 5.2	1				
3	143	300	43 56.8	-67 2.6	1	8.1	27.5	20.5	7.5
3	143	300	43 56.8	-67 2.6	1				
3	143	400	44 4.0	-66 57.4	1	8.1	27.5	20.5	15.0
3	143	400	44 4.0	-66 57.4	1				
3	143	500	44 10.2	-66 51.6	1	7.5	33.9	22.7	13.8
3	143	500	44 10.2	-66 51.6	1				
2	143	520	44 12.2	-66 50.4	1	6.5	23.3	14.1	4.0



## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	143	600	44 6.2	-66 54.8	1				
3	143	630	44 2.0	-66 58.0	1	9.6	208.7	-24.4	8.9
3	143	630	44 2.0	-66 58.0	1				
3	143	730	43 54.0	-67 4.6	1	9.3	210.7	-25.3	17.2
3	143	730	43 54.0	-67 4.6	1				
2	143	800	43 50.0	-67 8.0	1	9.4	211.5	-26.2	8.7
1	143	1030	43 46.6	-67 12.0	1				
3	143	1200	43 46.0	-67 24.5	1	6.0	266.2	-32.5	16.8
3	143	1200	43 46.0	-67 24.5	1				
3	143	1300	43 45.2	-67 33.0	1	6.2	262.6	-33.1	11.5
3	143	1300	43 45.2	-67 33.0	1				
3	143	1330	43 45.0	-67 37.2	1	6.1	266.2	-32.7	5.6
3	143	1330	43 45.0	-67 37.2	1				
3	143	1430	43 44.2	-67 46.2	1	6.6	263.0	-35.1	12.1
3	143	1430	43 44.2	-67 46.2	1				
2	143	1630	43 43.4	-67 4.1	1	15.2	91.5	83.4	56.4
1	143	1800	43 35.2	-68 7.8	1				
3	143	1900	43 34.5	-67 58.9	1	6.5	96.2	35.2	12.0
3	143	1900	43 34.5	-67 58.9	1				
3	143	1930	43 34.2	-67 54.4	1	6.6	95.3	35.6	6.1
3	143	1930	43 34.2	-67 54.4	1				
3	143	2130	43 34.9	-67 35.8	1	6.7	87.0	36.8	25.0
3	143	2130	43 34.9	-67 35.8	1				
3	143	2200	43 34.8	-67 31.4	1	6.4	91.8	34.8	5.9
3	143	2200	43 34.8	-67 31.4	1				
0	143	2359	43 35.4	-67 15.5	5	5.8	87.1	31.6	21.3
0	143	2359	43 35.4	-67 15.5	5				
3	144	0	43 35.4	-67 15.4	1	6.0	83.9	32.5	.2
3	144	0	43 35.4	-67 15.4	1				
3	144	30	43 35.6	-67 10.8	1	6.7	86.6	36.4	6.2

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	144	30	43 35.6	-67 10.8	1				
3	144	100	43 35.6	-67 6.4	1	6.4	90.0	34.8	5.9
3	144	100	43 35.6	-67 6.4	1				
3	144	130	43 35.4	-67 1.8	1	6.7	93.4	36.4	6.2
3	144	130	43 35.4	-67 1.8	1				
3	144	200	43 35.2	-66 57.2	1	6.7	93.4	36.4	6.2
3	144	200	43 35.2	-66 57.2	1				
3	144	230	43 34.7	-66 52.6	1	6.7	93.5	36.4	6.2
3	144	230	43 34.7	-66 52.6	1				
3	144	242	43 34.2	-66 51.0	1	6.3	113.3	31.7	2.3
3	144	242	43 34.2	-66 51.0	1				
3	144	300	43 33.8	-66 48.6	1	6.0	103.0	31.7	3.3
3	144	300	43 33.8	-66 48.6	1				
3	144	400	43 33.4	-66 39.0	1	7.0	93.3	38.0	12.9
3	144	400	43 33.4	-66 39.0	1				
0	144	500	43 32.2	-66 29.8	0	6.8	100.2	36.5	12.6
0	144	500	43 32.2	-66 29.8	0				
2	144	515	43 31.8	-66 27.5	0	6.9	103.5	36.5	3.2
1	144	615	43 33.4	-66 26.5	0				
0	144	630	43 34.2	-66 29.9	0	10.4	288.0	-53.1	4.8
0	144	630	43 34.2	-66 29.9	0				
0	144	700	43 35.6	-66 36.5	0	10.0	286.3	-51.6	9.2
0	144	700	43 35.6	-66 36.5	0				
2	144	730	43 37.2	-66 42.0	0	8.6	291.9	-43.0	8.0
1	144	800	43 37.4	-66 42.6	0				
0	144	830	43 41.8	-66 47.1	0	10.9	323.5	-34.9	10.1
0	144	830	43 41.8	-66 47.1	0				
2	144	855	43 46.0	-66 49.0	0	10.6	341.9	-17.4	8.2
1	144	925	43 46.9	-66 49.3	0				
0	144	1000	43 53.8	-66 51.1	0	12.0	349.3	-11.4	13.0

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	144	1000	43 53.8	-66 51.1	0				
2	144	1030	44 0	-66 52.2	0	12.5	352.7	-7.9	11.6
1	144	1100	44 1.4	-66 48.6	0				
2	144	1125	44 3.5	-66 43.5	0	10.1	60.2	47.9	7.8
1	144	1225	44 8.4	-66 38.2	0				
0	144	1300	44 15.9	-66 35.0	0	13.4	17.0	21.9	14.5
0	144	1300	44 15.9	-66 35.0	0				
0	144	1330	44 21.8	-66 32.3	0	12.4	18.1	21.4	11.5
0	144	1330	44 21.8	-66 32.3	0				
0	144	1400	44 28.6	-66 28.3	0	14.8	22.8	31.5	13.7
0	144	1400	44 28.6	-66 28.3	0				
0	144	1500	44 42.1	-66 20.5	0	14.6	22.4	30.6	27.0
0	144	1500	44 42.1	-66 20.5	0				
0	144	1600	44 55.2	-66 13.5	0	14.0	20.8	27.3	26.0
0	144	1600	44 55.2	-66 13.5	0				
0	144	1630	45 1.9	-66 11.0	0	13.9	14.8	19.6	12.8
0	144	1630	45 1.9	-66 11.0	0				
2	144	1700	45 7.3	-66 6.3	0	12.7	31.6	35.8	11.7
1	145	1305	44 32.7	-66 15.5	0				
2	145	1330	44 34.0	-66 22.2	0	11.9	285.2	-60.7	9.2
1	145	1700	44 21.8	-66 39.2	0				
2	145	1735	44 17.5	-66 48.5	0	13.6	237.1	-60.5	14.7
1	145	2130	44 7.2	-67 5.5	0				
2	145	2215	43 58.7	-67 9.3	0	11.9	197.8	-19.1	16.5
1	146	122	43 52.8	-67 .4	0				
0	146	200	43 50.2	-67 5.2	0	6.8	233.1	-29.4	8.0
0	146	200	43 50.2	-67 5.2	0				
2	146	250	43 46.5	-67 10.0	0	6.1	223.1	-22.4	9.4
1	146	857	43 40.2	-67 7.2	0				
2	146	920	43 38.6	-67 12.6	0	11.0	247.7	-54.8	7.8

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	146	1010	43 35.1	-67 13.5	0				
2	146	1053	43 29.6	-67 19.7	0	9.9	219.3	-33.7	13.2
1	146	1600	43 19.6	-67 5.6	0				
2	146	1630	43 17.6	-66 57.5	0	12.5	108.7	65.0	11.5
1	146	1850	43 23.2	-66 53.3	0				
0	146	1930	43 19.7	-66 47.0	0	8.6	127.4	37.8	10.7
0	146	1930	43 19.7	-66 47.0	0				
0	146	2000	43 17.0	-66 38.6	0	13.4	113.8	67.5	12.4
0	146	2000	43 17.0	-66 38.6	0				
0	146	2030	43 13.6	-66 30.0	0	14.3	118.5	69.3	13.2
0	146	2030	43 13.6	-66 30.0	0				
0	146	2100	43 10.5	-66 21.8	0	13.5	117.4	66.2	12.5
0	146	2100	43 10.5	-66 21.8	0				
0	146	2200	43 4.4	-66 5.2	0	13.6	116.7	67.1	25.1
0	146	2200	43 4.4	-66 5.2	0				
0	146	2300	42 58.4	-65 48.6	0	13.5	116.3	67.3	25.1
0	146	2300	42 58.4	-65 48.6	0				
0	146	2330	42 55.0	-65 40.5	0	13.7	119.8	65.9	12.7
0	146	2330	42 55.0	-65 40.5	0				
0	146	2338	42 54.3	-65 38.0	0	14.7	110.9	76.4	3.6
0	146	2338	42 54.3	-65 38.0	0				
0	146	2359	42 58.6	-65 37.5	5	12.3	4.7	6.1	8.0
0	146	2359	42 58.6	-65 37.5	5				
0	147	0	42 58.8	-65 37.5	0	12.8	4.0	5.6	.4
0	147	0	42 58.8	-65 37.5	0				
0	147	100	43 10.6	-65 31.2	0	12.7	21.3	25.9	23.5
0	147	100	43 10.6	-65 31.2	0				
0	147	130	43 15.7	-65 26.7	0	12.1	32.7	36.5	11.2
0	147	130	43 15.7	-65 26.7	0				
0	147	200	43 20.8	-65 22.2	0	12.1	32.7	36.4	11.2

## NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
0	147	200	43 20.8	-65 22.2	0				
0	147	233	43 26.4	-65 17.4	0	12.0	31.9	35.2	12.2
0	147	233	43 26.4	-65 17.4	0				
0	147	304	43 23.8	-65 9.3	0	12.5	113.8	62.7	11.9
0	147	304	43 23.8	-65 9.3	0				
0	147	335	43 21.0	-65 3.2	0	10.2	122.3	47.2	9.7
0	147	335	43 21.0	-65 3.2	0				
0	147	400	43 19.8	-64 57.6	0	10.2	106.4	53.8	7.9
0	147	400	43 19.8	-64 57.6	0				
0	147	418	43 18.9	-64 52.4	0	13.0	103.4	69.5	7.2
0	147	418	43 18.9	-64 52.4	0				
0	147	430	43 17.9	-64 49.0	0	13.3	112.0	68.3	4.9
0	147	430	43 17.9	-64 49.0	0				
2	147	500	43 16.1	-64 41.5	0	11.5	108.2	60.2	10.6
1	147	505	43 15.8	-64 39.5	0				
0	147	540	43 20.9	-64 35.4	0	10.1	30.3	28.4	10.9
0	147	540	43 20.9	-64 35.4	0				
0	147	605	43 16.7	-64 37.6	0	10.8	200.9	-20.5	8.3
0	147	605	43 16.7	-64 37.6	0				
0	147	700	43 24.7	-64 29.8	0	10.7	35.3	34.2	18.2
0	147	700	43 24.7	-64 29.8	0				
0	147	730	43 30.2	-64 24.0	0	13.9	37.4	46.7	12.8
0	147	730	43 30.2	-64 24.0	0				
0	147	830	43 39.5	-64 12.1	0	12.7	42.8	47.5	23.5
0	147	830	43 39.5	-64 12.1	0				
0	147	900	43 44.7	-64 7.0	0	12.8	35.3	40.7	11.8
0	147	900	43 44.7	-64 7.0	0				
0	147	1000	43 55.0	-63 56.6	0	12.7	36.1	41.3	23.6
0	147	1000	43 55.0	-63 56.6	0				
2	147	1030	44 .1	-63 52.0	0	12.2	33.0	36.4	11.3

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NAVIGATION FIX HUDSON 71-014

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
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TOTAL TRACK DISTANCE = 12047 KM

APPENDIX C

Data Printout

HUDSON 71-014 DAY 109 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1530	44 20.1	63 28.8	*	*	*	6	0	*
1540	44 18.0	63 28.6	*	55512	-126	6	0	*
1550	44 15.9	63 28.3	*	55489	-137	6	0	*
1600	44 13.9	63 28.1	*	55492	-123	0	0	*
1610	44 11.8	63 27.8	*	55568	-35	7	-20	*
1620	44 9.7	63 27.5	*	55516	-75	7	-16	*
1630	44 7.6	63 27.3	*	55489	-90	7	-11	*
1640	44 5.6	63 27.0	*	55424	-144	7	-14	*
1650	44 3.5	63 26.7	*	55403	-153	7	-14	*
1700	44 1.4	63 26.4	*	55399	-145	0	0	*
1710	43 59.4	63 26.0	*	55389	-143	9	-9	*
1720	43 57.3	63 25.6	*	55394	-126	9	-9	*
1730	43 55.3	63 25.2	*	55387	-120	9	-10	*
1740	43 53.3	63 24.8	*	55382	-113	9	-10	*
1750	43 51.2	63 24.4	153	55384	-99	10	-6	4
1800	43 49.2	63 24.0	131	55387	-84	10	-4	5
1810	43 47.2	63 23.6	124	55389	-69	10	-1	7
1820	43 45.1	63 23.2	118	55388	-58	10	3	11
1830	43 43.1	63 22.8	106	55415	-19	10	6	13
1840	43 41.1	63 22.4	96	55376	-45	10	12	18
1850	43 39.0	63 22.0	95	55396	-13	10	16	22
1900	43 37.0	63 21.5	106	55355	-41	*	*	*
1910	43 35.0	63 21.1	182	55338	-46	*	*	*
1920	43 32.9	63 20.7	201	55327	-44	*	*	*
1930	43 30.9	63 20.3	199	55315	-43	10	19	32
1940	43 28.9	63 19.8	195	55311	-35	10	26	39
1950	43 26.8	63 19.4	193	55325	-8	10	32	45
2000	43 24.8	63 19.0	193	55287	-33	*	*	*
2010	43 22.7	63 18.7	186	55249	-59	7	33	45
2020	43 20.6	63 18.5	171	55237	-59	7	34	45
2030	43 18.5	63 18.2	159	55293	9	7	35	45
2040	43 16.4	63 17.9	137	55267	-4	7	35	44
2050	43 14.3	63 17.7	128	55213	-45	7	35	43
2100	43 12.2	63 17.4	135	55208	-38	*	*	*



HUDSON 71-014 DAY 110 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0110	43 .4	63 24.1	149	55115	-94	-33	39	49
0120	42 58.3	63 25.5	159	55106	-97	-34	52	62
0130	42 56.2	63 27.0	160	55110	-88	-34	0	11
0140	42 54.1	63 28.4	160	55109	-83	-34	3	14
0150	42 52.1	63 29.9	164	55107	-80	-34	5	16
0200	42 50.0	63 31.3	192	55104	-77	-34	8	21
0210	42 47.9	63 32.8	363	55100	-76	-34	-8	16
0220	42 45.8	63 34.2	535	55096	-74	*	*	*
0230	42 43.7	63 35.7	731	55085	-80	*	*	*
0240	42 41.7	63 37.1	978	55075	-84	*	*	*
0250	42 39.6	63 38.6	1046	55065	-88	-34	8	79
0300	42 37.5	63 40.0	1152	55049	-99	*	*	*
0310	42 35.4	63 41.3	1236	55041	-101	-31	3	87
0320	42 33.4	63 42.7	1360	55028	-108	-31	3	96
0330	42 31.3	63 44.0	1474	55012	-117	-31	-2	99
0340	42 29.3	63 45.3	1651	54995	-128	-31	-7	106
0350	42 27.2	63 46.7	1733	54972	-145	-31	0	119
0400	42 25.1	63 48.0	1803	54942	-169	-31	0	123
0410	42 23.1	63 49.3	1836	54895	-210	-31	-6	120
0420	42 21.0	63 50.7	1839	54848	-250	-31	-9	117
0430	42 18.9	63 52.0	1843	54816	-276	-32	-9	117
0440	42 16.9	63 53.3	1960	54810	-276	-32	-6	128
0450	42 14.8	63 54.7	2000	54862	-217	-32	-6	131
0500	42 12.8	63 56.0	2062	54961	-112	*	*	*
0510	42 10.7	63 57.3	1991	55046	-21	*	*	*
0520	42 8.6	63 58.7	2110	55092	31	*	*	*
0530	42 6.6	64 0	2201	55126	71	*	*	*
0540	42 4.5	64 1.3	2242	55167	119	-32	-2	152
0550	42 2.5	64 2.7	2313	55186	144	-32	-5	154
0600	42 .4	64 4.0	2329	55177	142	*	*	*
0610	42 1.8	64 5.8	2313	55173	122	*	*	*
0620	42 3.2	64 7.7	2260	55127	60	*	*	*
0630	42 4.6	64 9.5	2214	55091	8	-44	3	155
0640	42 6.0	64 11.3	2161	55077	-20	-44	0	148
0650	42 7.4	64 13.2	2137	55045	-68	-44	-7	139
0700	42 8.8	64 15.0	2106	54978	-151	*	*	*
0710	42 10.3	64 16.9	2066	54907	-238	*	*	*
0720	42 11.7	64 18.9	2028	54890	-272	*	*	*
0730	42 13.2	64 20.9	1987	54917	-261	-47	-13	123
0740	42 14.7	64 22.8	1942	54951	-244	-47	-12	121
0750	42 16.2	64 24.7	1880	54970	-241	-47	-9	120
0900	42 26.5	64 38.4	*	55285	-41	0	0	*
0910	42 28.0	64 40.4	*	55310	-33	-48	0	*
0920	42 29.5	64 42.4	*	55340	-20	-48	0	*
0930	42 31.1	64 44.4	*	55366	-11	-48	59	*
0940	42 32.6	64 46.5	*	55398	3	-48	56	*
0950	42 34.1	64 48.5	111	55458	47	-48	58	65
1000	42 35.6	64 50.5	109	55506	78	*	*	*
1010	42 37.2	64 52.6	107	55474	29	-49	38	45
1020	42 38.7	64 54.6	106	55513	51	-49	33	40

HUDSON 71-014 DAY 110 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
1030	42 40.3	64 56.7	102	55599	120	-49	32	39
1040	42 41.8	64 58.7	98	55645	149	-49	29	35
1050	42 43.4	65 .8	95	55707	194	-49	30	36
1100	42 44.9	65 2.8	93	55662	132	-49	25	31
1110	42 46.5	65 4.9	89	55587	40	-49	27	33
1120	42 48.0	65 6.9	89	55641	77	-49	31	37
1130	42 49.6	65 9.0	95	55695	114	*	*	*
1140	42 51.2	65 10.8	124	55778	180	-43	32	40
1150	42 52.8	65 12.7	149	55843	229	-43	26	36
1200	42 54.4	65 14.5	157	55901	271	-43	21	31
1210	42 56.1	65 16.4	155	55937	291	-43	13	23
1220	42 57.7	65 18.2	153	55989	326	-43	11	21
1230	42 59.3	65 20.0	155	55948	269	-43	7	17
1240	43 .9	65 21.9	135	55947	252	-43	0	9
1250	43 2.5	65 23.7	113	55961	250	-43	-7	0
1300	43 4.1	65 25.6	106	55935	208	-43	-11	-3
1310	43 5.7	65 27.4	113	55873	129	-43	-16	-8
1320	43 7.4	65 29.3	106	55865	105	-43	-28	-20
1330	43 9.0	65 31.1	96	55882	106	-43	-22	-15
1340	43 10.6	65 32.9	76	55867	75	-43	-18	-12
1350	43 12.2	65 34.8	65	55857	49	-43	-23	-18
1400	43 13.1	65 37.4	51	55845	22	*	*	*
1410	43 13.4	65 40.1	45	55754	-81	*	*	*
1420	43 13.7	65 42.9	32	55795	-52	*	*	*
1430	43 14.1	65 45.6	38	55815	-45	-64	-23	-20
1440	43 14.4	65 48.3	38	55887	14	-64	-21	-18
1450	43 14.7	65 51.1	31	55796	-89	-64	-19	-16
1500	43 15.0	65 53.8	21	55948	50	*	*	*
1510	43 15.4	65 56.8	25	55927	15	-71	-22	-20
1520	43 15.8	65 59.8	29	56043	117	-71	-19	-17
1530	43 16.2	66 2.9	56	56293	353	-71	-16	-12
1540	43 16.6	66 5.9	56	55995	41	-71	-16	-12
1550	43 17.6	66 8.2	58	56068	99	*	*	*
1600	43 19.2	66 9.9	49	56069	85	*	*	*
1610	43 20.9	66 11.6	53	55993	-6	-39	2	5
1620	43 22.5	66 13.3	62	56051	36	-39	8	12
1630	43 24.1	66 15.0	76	56082	52	-39	15	20
1640	43 25.7	66 16.6	65	56151	106	-39	19	23
1650	43 27.4	66 18.3	54	56086	26	-39	20	23
1700	43 29.0	66 20.0	56	56029	-46	-39	26	29
1710	43 30.9	66 21.7	53	55910	-181	-39	24	27
1720	43 32.8	66 23.4	74	55937	-170	-38	23	28
1730	43 34.6	66 25.0	82	55898	-226	-38	25	30
1740	43 36.5	66 26.7	*	56159	18	-38	0	*
1750	43 38.4	66 28.4	*	56092	-65	-38	0	*
1800	43 40.3	66 30.1	*	56128	-45	-38	0	*
1810	43 42.2	66 31.8	106	56140	-49	*	*	*
1820	43 44.0	66 33.4	95	56075	-130	-38	18	24
1830	43 45.9	66 35.1	113	56115	-107	-38	18	25
1840	43 47.8	66 36.8	102	56156	-82	-38	19	26

HUDSON 71-014 DAY 110 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
1850	43 49.7	66 38.5	109	56153	-101	-38	15	22
1900	43 51.6	66 40.2	85	56155	-115	-38	14	19
1910	43 53.4	66 41.8	117	56169	-117	-38	10	18
1920	43 55.3	66 43.5	146	56251	-51	-38	8	18
1930	43 57.2	66 45.2	80	56320	1	*	*	*
1940	43 59.1	66 46.8	107	56273	-61	-36	8	15
1950	44 1.1	66 48.4	95	56220	-130	-36	9	15
2000	44 3.0	66 50.0	135	56557	190	-36	8	17
2010	44 4.9	66 51.6	155	56442	59	-36	9	19
2020	44 6.9	66 53.2	164	56454	55	-36	5	16
2030	44 8.8	66 54.8	162	56476	61	-36	3	14
2040	44 10.8	66 56.4	160	56518	87	-36	1	12
2050	44 12.7	66 58.0	160	56558	111	-36	2	13
2100	44 14.7	66 59.6	109	56546	83	-36	6	13
2110	44 16.7	67 1.2	54	56567	88	-36	15	18
2120	44 18.6	67 2.8	128	56580	85	*	*	*
2130	44 20.6	67 4.4	131	56532	22	*	*	*
2140	44 22.5	67 6.3	137	56434	-92	*	*	*
2150	44 24.3	67 8.1	100	56509	-33	-42	32	38
2200	44 26.2	67 10.0	96	56637	78	*	*	*
2210	44 26.6	67 10.8	115	56399	-164	*	*	*
2220	44 27.0	67 11.7	49	56452	-116	*	*	*
2230	44 27.4	67 12.5	62	56403	-171	*	*	*
2240	44 27.8	67 13.3	40	56623	43	-19	22	24
2250	44 28.2	67 14.2	40	56940	355	-19	20	22
2300	44 28.6	67 15.0	53	56681	91	-19	17	20

HUDSON 71-014 DAY 111 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0340	44 19.8	67 32.5	80	*	*	*	*	*
0350	44 19.0	67 31.6	102	*	*	21	35	42
0400	44 18.1	67 30.6	102	56714	117	21	31	38
0410	44 17.3	67 29.7	107	56713	124	21	27	34
0420	44 16.5	67 28.8	107	56626	44	21	23	30
0430	44 15.6	67 27.8	177	56449	-124	21	16	28
0440	44 14.8	67 26.9	182	56473	-92	21	13	25
0450	44 13.9	67 25.9	201	56504	-54	21	7	20
0500	44 13.1	67 25.0	219	56377	-173	21	3	18
0510	44 12.3	67 24.1	235	56346	-196	*	*	*
0520	44 11.4	67 23.1	234	56348	-186	*	*	*
0530	44 10.6	67 22.2	215	56340	-187	*	*	*
0540	44 10.0	67 21.2	197	56329	-191	24	7	20
0550	44 9.5	67 20.1	186	56319	-194	24	14	26
0600	44 8.9	67 19.1	170	56342	-164	24	22	33
0610	44 8.3	67 18.1	157	56408	-92	24	31	41
0620	44 7.8	67 17.0	144	56514	20	24	32	41
0630	44 7.2	67 16.0	133	56384	-102	*	*	*
0640	44 6.5	67 14.7	153	56334	-144	30	32	42
0650	44 5.9	67 13.4	193	56609	138	30	21	34
0700	44 5.2	67 12.1	138	56971	509	30	20	29
0710	44 4.5	67 10.8	149	56412	-41	30	9	19
0720	44 3.9	67 9.5	142	56328	-117	30	4	13
0730	44 3.2	67 8.2	98	56435	-2	*	*	*
0740	44 2.5	67 6.6	104	56610	182	36	10	17
0750	44 1.8	67 5.1	128	56373	-44	36	12	20
0800	44 1.1	67 3.5	135	56488	79	36	12	21
0810	44 .3	67 1.9	157	56342	-56	36	9	19
0820	43 59.6	67 .4	160	56378	-11	36	10	21
0830	43 58.9	66 58.8	160	56382	2	*	*	*
0840	43 58.1	66 57.5	160	56347	-23	29	7	18
0850	43 57.4	66 56.3	157	56353	-9	29	9	19
0900	43 56.6	66 55.0	149	56332	-21	*	*	*
0910	43 55.6	66 54.0	135	56293	-51	*	*	*
0920	43 54.6	66 53.0	124	56324	-11	23	17	25
0930	43 53.6	66 52.0	124	56305	-21	*	*	*
0940	43 52.4	66 51.2	120	56262	-55	18	20	28
0950	43 51.2	66 50.4	120	56303	-5	18	21	29
1000	43 50.0	66 49.6	131	56114	-184	*	*	*
1010	43 49.0	66 48.6	129	56209	-81	23	19	27
1020	43 48.1	66 47.6	131	56135	-146	23	18	27
1030	43 47.1	66 46.6	124	56133	-139	23	20	28
1040	43 46.1	66 45.6	124	56112	-151	23	19	27
1050	43 45.2	66 44.6	91	56086	-168	23	21	27
1100	43 44.2	66 43.6	120	56072	-173	*	*	*
1110	43 43.3	66 42.4	65	56047	-189	29	21	25
1120	43 42.5	66 41.1	153	56040	-187	29	17	27
1130	43 41.6	66 39.9	149	56029	-188	29	15	25
1140	43 40.7	66 38.6	138	56043	-165	29	15	24
1150	43 39.9	66 37.4	128	56032	-167	29	17	25

HUDSON 71-014 DAY 111 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVCS	F.A.	B.A.
1200	43 39.0	66 36.2	131	56010	-180	29	19	28
1210	43 38.1	66 34.9	102	56035	-145	29	25	32
1220	43 37.2	66 33.7	115	56187	15	29	29	36
1230	43 36.4	66 32.4	109	56281	118	29	29	36
1240	43 35.5	66 31.2	98	56223	70	*	*	*
1300	43 34.0	66 30.0	113	56121	-19	*	*	*
1310	43 32.3	66 27.8	100	56006	-116	*	*	*
1320	43 30.6	66 25.6	93	55967	-138	*	*	*
1330	43 28.9	66 23.4	65	55987	-100	*	*	*
1340	43 27.2	66 20.9	56	55999	-69	*	*	*
1350	43 25.5	66 18.3	58	56102	52	61	12	15
1400	43 23.8	66 15.8	64	56231	199	*	*	*
1410	43 22.0	66 13.4	73	56050	37	*	*	*
1420	43 20.1	66 11.1	64	55995	1	*	*	*
1430	43 18.3	66 8.7	53	56071	97	*	*	*
1440	43 16.5	66 6.3	49	55993	38	*	*	*
1450	43 14.6	66 4.0	56	56057	121	*	*	*
1500	43 12.8	66 1.6	62	55933	16	*	*	*
1510	43 11.0	65 59.1	71	56155	258	*	*	*
1520	43 9.1	65 56.7	73	55945	67	60	-12	-7
1530	43 7.2	65 54.2	84	55831	-26	*	*	*
1540	43 5.4	65 51.7	93	55775	-62	60	0	6
1550	43 3.6	65 49.3	85	55845	27	60	5	10
1600	43 1.7	65 46.8	113	55667	-131	*	*	*
1610	43 .7	65 45.7	129	55478	-310	*	*	*
1620	42 59.8	65 44.7	135	55481	-298	*	*	*
1630	42 58.8	65 43.6	126	57347	1577	*	*	*
1640	42 57.9	65 42.3	144	55865	105	*	*	*
1650	42 57.0	65 40.9	137	55792	42	32	0	9
1700	42 56.1	65 39.6	138	55851	111	32	0	9
1710	42 55.2	65 38.3	138	55840	111	32	3	12
1720	42 54.4	65 36.9	124	55869	150	32	6	14
1730	42 53.5	65 35.6	120	55927	218	32	6	14
1740	42 52.6	65 34.3	128	55919	220	32	7	15
1750	42 51.7	65 32.9	131	55932	243	32	12	21
1800	42 50.8	65 31.6	131	55911	233	*	*	*
1810	42 49.9	65 30.4	129	55881	213	29	14	22
1820	42 49.0	65 29.2	124	55843	184	29	19	27
1830	42 48.0	65 28.0	117	55780	131	29	23	31
1840	42 47.1	65 26.8	113	55803	164	29	23	30
1850	42 46.2	65 25.6	106	55756	127	29	28	35
1900	42 45.3	65 24.4	100	55765	146	29	30	36
1910	42 44.4	65 23.2	98	55743	134	29	31	37
1920	42 43.5	65 22.0	93	55731	132	29	31	37
1930	42 42.6	65 20.8	95	55704	114	29	28	34
1940	42 41.7	65 19.6	93	55693	113	29	33	39
1950	42 40.9	65 18.4	91	55685	115	29	34	40
2000	42 40.0	65 17.2	91	55661	100	29	36	42
2010	42 39.1	65 16.0	91	55667	116	29	38	44
2020	42 38.3	65 14.8	93	55660	119	29	38	44

HUDSON 71-014 DAY 111 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2030	42 37.4	65 13.6	95	55660	128	29	39	45
2040	42 36.5	65 12.4	96	55656	134	29	41	47
2050	42 35.7	65 11.2	98	55642	130	29	39	45
2100	42 34.8	65 10.0	98	55635	133	*	*	*
2110	42 33.9	65 8.8	102	55621	129	30	38	45
2120	42 32.9	65 7.5	106	55616	134	30	38	45
2130	42 32.0	65 6.3	107	55617	145	30	38	45
2140	42 31.1	65 5.1	109	55595	133	30	40	47
2150	42 30.1	65 3.8	113	55576	125	30	43	50
2200	42 29.2	65 2.6	113	55548	107	30	43	50
2210	42 28.3	65 1.4	113	55539	108	30	42	49
2220	42 27.3	65 .1	120	55516	96	30	43	51
2230	42 26.4	64 58.9	124	55499	89	30	44	52
2240	42 25.5	64 57.7	128	55467	67	30	49	57
2250	42 24.5	64 56.4	137	55402	12	30	51	60
2300	42 23.6	64 55.2	245	55355	-23	*	*	*
2310	42 22.8	64 53.9	486	55363	-5	31	32	65
2320	42 21.9	64 52.7	740	55324	-34	31	22	72
2330	42 21.1	64 51.4	987	55246	-103	*	*	*
2340	42 20.3	64 50.1	1236	55272	-67	*	*	*
2350	42 19.4	64 48.9	1360	55238	-91	31	-4	89

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 18.6	64 47.6	1514	55213	-106	31	-7	97
0010	42 17.8	64 46.3	1594	55170	-139	31	-9	100
0020	42 16.9	64 45.1	1614	55127	-172	*	*	*
0030	42 16.1	64 43.8	1634	55088	-201	*	*	*
0040	42 15.3	64 42.5	1711	55046	-233	31	-13	104
0050	42 14.4	64 41.3	1880	55009	-260	31	-16	113
0100	42 13.6	64 40.0	1918	54969	-290	*	*	*
0110	42 12.8	64 38.8	1938	54946	-303	*	*	*
0120	42 12.0	64 37.6	1962	54928	-312	*	*	*
0130	42 11.1	64 36.4	1987	54923	-307	*	*	*
0140	42 10.3	64 35.1	1962	54932	-288	30	-11	123
0150	42 9.5	64 33.9	1962	54965	-246	30	-11	123
0200	42 8.7	64 32.7	1956	55006	-195	30	-9	125
0210	42 7.9	64 31.5	1980	55079	-112	30	-9	127
0220	42 7.0	64 30.3	2059	55173	-8	30	-13	128
0230	42 6.2	64 29.1	2070	55265	92	30	-14	128
0240	42 5.4	64 27.9	2066	55329	166	30	-15	127
0250	42 4.6	64 26.7	2099	55363	210	30	-14	130
0300	42 3.8	64 25.4	2114	55374	231	30	-12	133
0310	42 2.9	64 24.2	2150	55372	238	30	-9	138
0320	42 2.1	64 23.0	2190	55364	240	30	-8	142
0330	42 1.3	64 21.8	2238	55354	240	*	*	*
0340	42 .5	64 20.7	2286	55342	237	28	-8	149
0350	41 59.8	64 19.5	2337	55335	239	28	-5	155
0400	41 59.0	64 18.4	2306	55331	244	*	*	*
0410	41 58.2	64 17.3	2340	55329	252	27	4	164
0420	41 57.3	64 16.2	2395	55314	246	27	8	172
0430	41 56.4	64 15.1	2421	55285	227	27	10	176
0440	41 55.6	64 14.0	2446	55247	198	27	14	182
0450	41 54.7	64 12.9	2512	55207	168	27	14	186
0500	41 53.9	64 11.8	2553	55173	143	*	*	*
0510	41 53.1	64 10.7	2574	55140	120	28	11	187
0520	41 52.2	64 9.6	2591	55115	105	28	11	189
0530	41 51.4	64 8.4	2626	55093	92	28	9	189
0540	41 50.6	64 7.3	2681	55072	81	28	8	192
0550	41 49.7	64 6.2	2691	55045	63	28	7	192
0600	41 48.9	64 5.1	2699	55016	44	28	6	191
0610	41 48.1	64 4.0	2728	54989	26	28	8	195
0620	41 47.2	64 2.8	2746	54966	13	28	7	195
0630	41 46.4	64 1.7	2754	54949	6	28	6	195
0640	41 45.6	64 .6	2805	54938	4	28	5	197
0650	41 44.7	63 59.5	2834	54938	14	28	4	198
0700	41 43.9	63 58.4	2882	54943	28	28	5	203
0710	41 43.1	63 57.2	2940	54950	45	28	6	208
0720	41 42.2	63 56.1	2977	54953	58	28	7	211
0730	41 41.4	63 55.0	3010	54953	67	*	*	*
0740	41 40.5	63 53.8	3035	54943	68	31	11	219
0750	41 39.5	63 52.5	3057	54927	63	31	7	217
0800	41 38.6	63 51.3	3072	54907	54	31	8	219
0810	41 37.6	63 50.1	3108	54885	42	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	41 36.6	63 48.8	3138	54859	27	31	2	217
0830	41 35.7	63 47.6	3163	54834	13	*	*	*
0840	41 34.7	63 46.4	3213	54807	-2	30	-50	170
0850	41 33.8	63 45.2	3300	54786	-12	*	*	*
0900	41 32.8	63 44.0	3302	54774	-13	*	*	*
0910	41 31.8	63 42.8	3339	54765	-12	30	2	231
0920	41 30.9	63 41.6	3368	54753	-13	30	3	234
0930	41 29.9	63 40.4	3401	54738	-17	*	*	*
0940	41 29.0	63 39.2	3423	54713	-32	29	2	237
0950	41 28.1	63 38.1	3449	54692	-42	29	-1	236
1000	41 27.2	63 36.9	3474	54662	-62	29	-2	236
1010	41 26.3	63 35.8	3511	54636	-78	29	-3	238
1020	41 25.4	63 34.6	3536	54613	-91	29	-4	239
1030	41 24.5	63 33.5	3566	54590	-103	29	-6	239
1040	41 23.6	63 32.3	3595	54568	-115	29	-9	238
1050	41 22.7	63 31.2	3613	54542	-131	29	-8	240
1100	41 21.8	63 30.0	3631	54521	-141	29	-7	242
1110	41 20.9	63 28.9	3650	54502	-150	29	-3	247
1120	41 20.0	63 27.7	3679	54489	-153	29	-1	251
1130	41 19.1	63 26.6	3697	54480	-151	29	-3	251
1140	41 18.2	63 25.4	3719	54478	-143	29	-5	250
1150	41 17.3	63 24.3	3736	54478	-133	29	-1	255
1200	41 16.4	63 23.1	3758	54476	-124	29	1	259
1210	41 15.5	63 22.0	3781	54472	-118	29	-9	250
1220	41 14.6	63 20.8	3796	54462	-118	29	1	262
1230	41 13.7	63 19.7	3818	54452	-117	29	-2	260
1240	41 12.8	63 18.5	3838	54440	-119	29	1	264
1250	41 11.9	63 17.4	3866	54426	-123	29	2	267
1300	41 11.0	63 16.2	3891	54413	-125	*	*	*
1310	41 10.2	63 14.9	3904	54404	-124	32	-13	255
1320	41 9.4	63 13.7	3922	54392	-126	32	3	272
1330	41 8.6	63 12.4	3946	54381	-126	32	-2	269
1340	41 7.8	63 11.1	3970	54369	-128	32	-1	271
1350	41 7.0	63 9.9	3975	54354	-133	32	-3	270
1400	41 6.2	63 8.6	3986	54338	-138	*	*	*
1410	41 5.6	63 7.2	4012	54316	-151	35	-3	272
1420	41 5.0	63 5.8	4032	54298	-159	35	-1	276
1430	41 4.4	63 4.4	4048	54287	-161	35	-5	273
1440	41 3.8	63 3.0	4080	54279	-159	35	1	281
1450	41 3.2	63 1.6	4092	54277	-151	35	2	283
1500	41 2.6	63 .3	4107	54276	-143	35	-1	281
1510	41 2.0	62 58.9	4131	54275	-134	35	-9	275
1520	41 1.4	62 57.5	4133	54272	-127	*	*	*
1530	41 .8	62 56.1	4138	54264	-126	*	*	*
1540	41 .2	62 54.7	4155	*	*	*	*	*
1550	40 59.6	62 53.3	4171	54239	-131	35	-3	283
1600	40 59.0	62 51.9	4198	54222	-139	*	*	*
1610	40 57.6	62 50.9	4202	54209	-139	27	-10	278
1620	40 56.2	62 49.8	4228	54203	-131	27	-9	281
1630	40 54.8	62 48.8	4246	54194	-127	27	-13	278



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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
1640	40 53.4	62 47.7	4272	54187	-121	27	-12	281
1650	40 52.0	62 46.6	4297	54179	-116	27	-10	285
1700	40 50.6	62 45.6	4325	54169	-113	*	*	*
1710	40 49.7	62 44.3	4352	54154	-116	32	-2	297
1720	40 48.7	62 43.1	4374	54146	-113	32	-16	284
1730	40 47.8	62 41.8	4400	54137	-111	32	-9	293
1740	40 46.9	62 40.5	4407	54131	-105	32	-6	297
1750	40 45.9	62 39.3	4411	54131	-94	32	-10	293
1800	40 45.0	62 38.0	4429	54139	-75	*	*	*
1810	40 44.1	62 36.7	4462	54149	-54	33	-8	298
1820	40 43.1	62 35.5	4465	54148	-43	33	-7	300
1830	40 42.2	62 34.2	4480	54128	-52	33	-10	298
1840	40 41.3	62 32.9	4498	54099	-70	33	-7	302
1850	40 40.3	62 31.7	4517	54062	-95	33	-9	301
1900	40 39.4	62 30.4	4529	*	*	*	*	*
1910	40 38.5	62 29.1	4546	54006	-129	33	-12	300
1920	40 37.5	62 27.9	4557	53989	-134	33	-24	289
1930	40 36.6	62 26.6	4570	53985	-127	33	-19	295
1940	40 35.7	62 25.3	4582	53985	-115	33	-18	297
1950	40 34.7	62 24.1	4595	53982	-107	*	*	*
2000	40 33.8	62 22.8	4615	53976	-102	*	*	*
2010	40 32.8	62 21.7	4626	53971	-95	29	-19	299
2020	40 31.7	62 20.6	4641	53960	-95	29	-16	303
2030	40 30.7	62 19.5	4659	53954	-89	29	-20	300
2040	40 29.6	62 18.3	4674	53953	-79	29	-11	310
2050	40 28.6	62 17.2	4689	53942	-78	29	-16	306
2100	40 27.5	62 16.1	4698	53927	-82	29	-21	302
2110	40 26.5	62 15.0	4712	53915	-82	29	-20	304
2120	40 25.4	62 13.9	4725	53899	-87	29	-22	302
2130	40 24.4	62 12.8	4736	53879	-95	29	-24	301
2140	40 23.3	62 11.7	4747	53861	-102	29	-13	313
2150	40 22.3	62 10.6	4754	53847	-104	29	-22	304
2200	40 21.2	62 9.4	4762	53835	-105	29	-18	309
2210	40 20.2	62 8.3	4769	53826	-102	29	-23	304
2220	40 19.1	62 7.2	4776	53813	-104	29	-17	311
2230	40 18.1	62 6.1	4787	53803	-102	29	-22	307
2240	40 17.1	62 5.0	4802	53793	-101	29	-24	306
2250	40 16.0	62 3.9	4813	53780	-102	*	*	*
2300	40 15.0	62 2.8	4820	53767	-104	*	*	*
2310	40 14.0	62 1.7	4828	53755	-104	29	-24	307
2320	40 12.9	62 .6	4835	53744	-104	29	-22	310
2330	40 11.9	61 59.5	4839	53732	-104	29	-14	318
2340	40 10.9	61 58.4	4844	53722	-103	29	-37	296
2350	40 9.8	61 57.3	4842	53712	-101	29	-26	306

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	40 8.8	61 56.2	4839	53706	-96	34	-13	319
0010	40 7.9	61 54.9	4840	53701	-89	34	-10	322
0020	40 6.9	61 53.6	4846	53694	-84	34	-16	317
0030	40 6.0	61 52.3	4849	53688	-79	34	-22	311
0040	40 5.1	61 51.0	4853	53676	-79	34	-14	319
0050	40 4.1	61 49.7	4855	53660	-83	34	-14	319
0100	40 3.2	61 48.4	4859	53640	-91	*	*	*
0110	40 2.3	61 47.1	4860	53619	-101	*	*	*
0120	40 1.5	61 45.9	4864	53600	-109	*	*	*
0130	40 .6	61 44.6	4864	53581	-117	33	-25	309
0140	39 59.7	61 43.3	4864	53560	-127	33	-20	314
0150	39 58.9	61 42.1	4864	53544	-131	33	-10	324
0200	39 58.0	61 40.8	4864	53527	-137	33	-19	315
0210	39 57.1	61 39.5	4870	53511	-142	*	*	*
0220	39 56.3	61 38.3	4871	53495	-147	33	-18	316
0230	39 55.4	61 37.0	4875	53482	-148	33	-15	320
0240	39 54.5	61 35.7	4879	53471	-148	33	-17	318
0250	39 53.7	61 34.5	4879	53465	-143	33	-15	320
0300	39 52.8	61 33.2	4882	53458	-139	33	-13	322
0310	39 51.9	61 31.9	4886	53451	-134	33	-9	326
0320	39 51.1	61 30.7	4890	53440	-134	33	-7	329
0330	39 50.2	61 29.4	4892	53429	-134	33	-11	325
0340	39 49.3	61 28.1	4895	53414	-138	33	-14	322
0350	39 48.5	61 26.9	*	53400	-140	33	-5	*
0400	39 47.6	61 25.6	*	53390	-139	33	-10	*
0800	39 49.3	62 6.7	4875	53579	-141	*	*	*
0810	39 49.5	62 8.9	4868	53610	-120	*	*	*
0820	39 49.6	62 11.0	4864	53632	-109	*	*	*
0830	39 49.8	62 13.2	4860	53634	-117	*	*	*
0840	39 49.9	62 15.3	4853	53627	-134	-54	-10	323
0850	39 50.1	62 17.3	4846	53621	-150	-54	-14	319
0900	39 50.2	62 19.4	4839	53615	-166	-54	-25	307
0910	39 50.3	62 21.5	4835	53616	-175	-54	-20	312
0920	39 50.5	62 23.5	4828	53624	-177	*	*	*
0930	39 50.6	62 25.6	4824	53639	-171	-54	-16	315
0940	39 50.7	62 27.7	4817	53662	-158	-54	-17	314
0950	39 50.9	62 29.7	4813	53690	-140	-54	-19	311
1000	39 51.0	62 31.8	4809	53708	-132	*	*	*
1010	39 51.3	62 33.6	4806	53724	-126	-48	-15	315
1020	39 51.6	62 35.5	4802	53741	-118	-48	-10	320
1030	39 51.9	62 37.3	4806	53755	-114	-48	-20	310
1040	39 52.2	62 39.1	4798	53759	-120	-48	-21	308
1050	39 52.5	62 41.0	4791	53750	-139	-48	-18	311
1100	39 52.8	62 42.8	4787	53746	-153	-48	-17	312
1110	39 53.1	62 44.6	4784	53751	-158	-48	-31	297
1120	39 53.5	62 46.5	4780	53765	-154	-48	-21	307
1130	39 53.8	62 48.3	4776	53787	-142	-48	-31	297
1140	39 54.1	62 50.1	4769	53809	-130	-48	-31	296
1150	39 54.5	62 52.0	4753	53826	-123	-48	-26	300
1200	39 54.8	62 53.8	4742	53840	-119	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1210	39 55.1	62 55.5	4742	53850	-119	-45	-20	306
1220	39 55.5	62 57.3	4753	53853	-125	-45	-26	300
1230	39 55.8	62 59.0	4754	53857	-131	-45	-22	304
1240	39 56.1	63 .7	4760	53859	-138	-45	-26	301
1250	39 56.5	63 2.5	4745	53863	-144	-45	-27	299
1300	39 56.8	63 4.2	4745	53864	-153	-45	-22	304
1310	39 57.1	63 5.9	4738	53870	-156	-45	-23	302
1320	39 57.5	63 7.7	4734	53886	-150	-45	-20	305
1330	39 57.8	63 9.4	4732	53903	-142	-45	-19	306
1340	39 58.1	63 11.1	4729	53915	-140	-45	-27	298
1350	39 58.5	63 12.8	4731	53923	-141	-45	-25	300
1400	39 58.8	63 14.5	4721	53924	-150	-45	-20	304
1410	39 59.1	63 16.3	4710	53928	-155	-45	-22	301
1420	39 59.5	63 18.0	4714	53937	-156	-45	-27	297
1430	39 59.8	63 19.7	4703	53949	-153	-45	-23	300
1440	40 .1	63 21.4	4698	53964	-148	-45	-26	297
1450	40 .5	63 23.2	4689	53978	-143	-45	-27	295
1500	40 .8	63 24.9	4689	53990	-141	*	*	*
1510	40 1.1	63 26.6	4687	53998	-142	-44	-24	298
1520	40 1.5	63 28.3	4678	54006	-143	-44	-25	296
1530	40 1.8	63 30.0	4670	54008	-151	*	*	*
1540	40 2.6	63 29.7	4663	54012	-150	*	*	*
1550	40 3.4	63 29.3	4656	54018	-148	*	*	*
1600	40 4.2	63 29.0	4641	54025	-145	*	*	*
1610	40 5.1	63 29.9	4636	54029	-150	*	*	*
1620	40 6.0	63 30.7	4623	54037	-152	-22	-31	286
1630	40 6.9	63 31.6	4615	54051	-147	-22	-36	281
1640	40 7.8	63 32.5	4608	54063	-145	-22	-33	283
1650	40 8.7	63 33.3	4601	54074	-143	-22	-30	286
1700	40 9.6	63 34.2	4593	54085	-142	-22	-29	286
1710	40 10.4	63 35.1	4582	54098	-138	-22	-37	278
1720	40 11.3	63 35.9	4575	54110	-135	-22	-24	290
1730	40 12.1	63 36.8	4572	54122	-132	-22	-29	285
1740	40 13.0	63 37.7	4561	54137	-126	-22	-32	281
1750	40 13.8	63 38.5	4553	54157	-115	-22	-26	287
1800	40 14.7	63 39.4	4542	54178	-103	-22	-27	285
1810	40 15.5	63 40.3	4533	54199	-92	-22	-22	289
1820	40 16.4	63 41.1	4524	54215	-85	-22	-23	288
1830	40 17.2	63 42.0	4506	54225	-84	*	*	*
2200	40 13.8	63 35.2	4562	54141	-117	*	*	*
2210	40 14.4	63 35.9	4553	54154	-111	*	*	*
2220	40 15.0	63 36.7	4550	54170	-102	*	*	*
2230	40 15.6	63 37.4	4540	54184	-95	-19	-21	291
2240	40 16.2	63 38.1	4531	54200	-86	-19	-30	281
2250	40 16.8	63 38.9	4526	54211	-82	-19	-21	290
2300	40 17.4	63 39.6	4511	54219	-81	-19	-23	287
2310	40 17.9	63 40.3	4506	54222	-84	-19	-23	286
2320	40 18.5	63 41.1	4495	54219	-94	-19	-25	284
2330	40 19.1	63 41.8	4491	54213	-107	-19	-24	284
2340	40 19.7	63 42.5	4489	54207	-120	-19	-27	281

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2350	40 20.3	63 43.3	4482	54204	-130	-19	-29	279

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0000	40 20.9	63 44.0	4475	54208	-133	-19	-18	289
0010	40 21.5	63 44.7	4467	54217	-131	-19	-19	288
0020	40 22.1	63 45.5	4454	*	*	*	*	*
0030	40 22.7	63 46.2	4451	54245	-117	-19	-21	285
0040	40 23.3	63 46.9	4442	54263	-105	-19	-11	294
0050	40 23.8	63 47.7	4436	54280	-95	*	*	*
0100	40 24.4	63 48.4	4429	54294	-88	*	*	*
0110	40 24.9	63 49.6	4425	54305	-85	-32	-23	281
0120	40 25.5	63 50.9	4434	54313	-86	-31	-30	274
0130	40 26.0	63 52.1	4425	54315	-92	-31	-23	281
0140	40 26.5	63 53.3	4425	54316	-100	-31	-23	281
0150	40 27.1	63 54.6	4422	54314	-110	-31	-23	281
0200	40 27.6	63 55.8	4418	54310	-123	*	*	*
0210	40 28.2	63 57.1	4411	54307	-135	-32	-23	280
0220	40 28.7	63 58.3	4403	54304	-147	-32	-20	282
0230	40 29.3	63 59.6	*	54304	-156	-32	-21	*
0240	40 29.9	64 .9	*	54309	-160	-32	-23	*
0250	40 30.4	64 2.1	*	54315	-162	-32	-21	*
0300	40 31.0	64 3.4	*	54325	-161	0	0	*
0310	40 31.5	64 4.8	*	54334	-161	-35	-24	*
0320	40 32.0	64 6.1	4385	54345	-159	-35	-25	276
0330	40 32.5	64 7.5	4381	54355	-158	-35	-23	278
0340	40 33.0	64 8.9	4359	54361	-161	*	*	*
0350	40 33.5	64 10.2	4348	54367	-164	-35	-24	274
0400	40 34.0	64 11.6	4352	54376	-163	*	*	*
0410	40 34.5	64 13.0	4363	54384	-164	-36	-40	260
0420	40 35.0	64 14.4	4359	54393	-164	-36	-21	278
0430	40 35.5	64 15.8	4308	54406	-160	-36	-20	276
0440	40 36.0	64 17.2	4290	54418	-157	*	*	*
0450	40 36.5	64 18.6	4279	54432	-152	-36	-18	276
0500	40 37.0	64 20.0	4283	54442	-151	*	*	*
0510	40 37.7	64 21.4	4277	54449	-154	-37	-22	272
0520	40 38.3	64 22.9	4268	54459	-154	-37	-25	268
0530	40 39.0	64 24.3	4253	54469	-155	-37	-19	273
0540	40 39.7	64 25.8	4228	54480	-154	-37	-20	270
0550	40 40.3	64 27.3	4213	54495	-149	-37	-15	274
0600	40 41.0	64 28.7	4197	54506	-148	-37	-11	277
0610	40 41.7	64 30.1	4169	54516	-148	-37	-31	255
0620	40 42.3	64 31.6	4155	54529	-145	-37	-10	275
0630	40 43.0	64 33.0	4118	54546	-139	-37	-18	265
0640	40 43.7	64 34.5	4081	54566	-129	-37	-20	260
0650	40 44.3	64 36.0	4085	54588	-117	-37	-17	263
0700	40 45.0	64 37.4	4045	54600	-115	*	*	*
0710	40 45.7	64 38.5	4027	54604	-120	-29	-22	254
0720	40 46.3	64 39.7	4001	54604	-129	-29	-18	257
0730	40 47.0	64 40.8	3975	54606	-135	-29	-20	253
0740	40 47.7	64 41.9	3964	54613	-137	-29	-19	253
0750	40 48.3	64 43.1	3942	54625	-134	-29	-22	249
0800	40 49.0	64 44.2	3917	54641	-127	-29	-23	246
0810	40 49.7	64 45.3	3895	54659	-118	-29	-23	244

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	40 50.3	64 46.5	3873	54680	-105	-29	-21	245
0830	40 51.0	64 47.6	3864	54702	-92	-29	-24	241
0840	40 51.7	64 48.7	3829	54723	-80	-28	-28	235
0850	40 52.3	64 49.9	3827	54741	-71	-28	-28	235
0900	40 53.0	64 51.0	3803	54757	-64	-28	-26	235
0910	40 53.7	64 52.1	3760	54770	-59	-28	-27	231
0920	40 54.4	64 53.2	3708	54781	-57	-28	-24	230
0930	40 55.1	64 54.3	3716	54790	-57	-28	-27	228
0940	40 55.8	64 55.4	3716	54793	-63	-28	-24	231
0950	40 56.5	64 56.5	3659	54793	-72	*	*	*
1000	40 57.2	64 57.6	3624	54795	-79	*	*	*
1010	40 57.9	64 58.7	3588	54799	-83	*	*	*
1020	40 58.6	64 59.8	3547	54809	-82	*	*	*
1030	40 59.3	65 .9	3547	54828	-72	-28	-32	211
1040	41 .0	65 2.0	3533	54848	-61	-28	-26	216
1050	41 .7	65 3.1	3518	54876	-42	-28	-23	218
1100	41 1.5	65 4.3	3500	54898	-29	-28	-24	216
1110	41 2.2	65 5.4	3354	54924	-12	-28	-22	208
1120	41 2.9	65 6.5	3236	54948	2	-28	-19	203
1130	41 3.6	65 7.6	3211	54972	17	-28	-16	204
1140	41 4.4	65 8.8	3216	54990	26	-28	-18	203
1150	41 5.1	65 9.9	3141	55005	32	*	*	*
1200	41 5.8	65 11.0	3099	55015	33	*	*	*
1210	41 6.7	65 12.3	3033	55026	33	-33	-23	185
1220	41 7.7	65 13.7	2986	55031	27	*	*	*
1230	41 8.6	65 15.0	2957	55038	23	-33	-20	183
1240	41 9.5	65 16.3	2929	55057	31	-33	-22	179
1250	41 10.5	65 17.7	2916	55092	55	-33	-21	179
1300	41 11.4	65 19.0	2916	55144	96	-33	-21	179
1310	41 12.4	65 20.3	2869	55204	144	-33	-20	177
1320	41 13.3	65 21.7	2807	55256	185	-33	-22	171
1330	41 14.3	65 23.0	2745	55310	228	-33	-20	168
1340	41 15.3	65 24.3	2704	55365	271	-33	-22	163
1350	41 16.2	65 25.7	2688	55422	317	*	*	*
1400	41 17.2	65 27.0	2695	55456	340	*	*	*
1410	41 18.2	65 28.2	2702	55444	317	-30	-20	165
1420	41 19.3	65 29.4	2675	55387	249	-30	-18	165
1430	41 20.3	65 30.6	2638	55297	148	-30	-22	159
1440	41 21.3	65 31.8	2657	55171	11	-30	-23	159
1450	41 22.4	65 33.0	2490	55027	-143	-30	-28	143
1500	41 23.4	65 34.2	2472	54926	-255	-30	-36	133
1510	41 24.3	65 35.4	2388	54893	-299	-30	-29	135
1520	41 25.3	65 36.6	2311	54909	-293	-30	-29	129
1530	41 26.2	65 37.8	2240	54940	-273	*	*	*
1540	41 27.1	65 39.0	2170	54972	-251	*	*	*
1550	41 28.1	65 40.2	2029	55005	-228	-30	-30	109
1600	41 29.0	65 41.4	1889	55031	-213	*	*	*
1610	41 29.9	65 42.6	1828	55056	-198	*	*	*
1620	41 30.9	65 43.8	1843	55079	-185	*	*	*
1630	41 31.8	65 45.0	1572	55105	-170	*	*	*

HUDSON 71-014 DAY 114 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1640	41 32.7	65 46.1	1488	55132	-153	*	*	*
1650	41 33.7	65 47.3	1397	55154	-141	-29	-3	93
1700	41 34.6	65 48.5	1108	55177	-129	-29	9	85
1710	41 35.5	65 49.7	749	55202	-114	-29	20	71
1720	41 36.5	65 50.9	555	55214	-112	-29	31	69
1730	41 37.4	65 52.0	325	55232	-104	-29	51	73
1740	41 38.3	65 53.2	149	55251	-96	-29	60	70
1750	41 39.3	65 54.4	124	55268	-89	-29	64	72
1800	41 40.2	65 55.6	113	55287	-80	*	*	*
1810	41 41.1	65 57.0	102	55310	-68	*	*	*
1820	41 42.1	65 58.3	96	55328	-61	-34	55	61
1830	41 43.0	65 59.7	96	55346	-54	-33	50	56
1840	41 43.9	66 1.1	96	55361	-50	-33	45	51
1850	41 44.9	66 2.4	95	55374	-48	-33	45	51
1900	41 45.8	66 3.8	91	55396	-37	*	*	*
1910	41 46.6	66 4.9	91	55414	-28	-28	48	54
1920	41 47.3	66 6.1	89	55436	-15	-28	46	52
1930	41 48.1	66 7.2	84	55450	-10	-28	44	49
1940	41 48.9	66 8.4	85	55452	-17	-28	38	43
1950	41 49.6	66 9.5	82	55453	-25	-28	37	42
2000	41 50.4	66 10.7	82	55456	-31	*	*	*
2010	41 51.2	66 11.9	80	55467	-29	-28	32	37
2020	41 52.0	66 13.0	78	55482	-23	-28	32	37
2030	41 52.8	66 14.2	76	55506	-9	*	*	*
2040	41 53.8	66 15.5	74	55531	4	-32	23	28
2050	41 54.9	66 16.9	80	55564	26	-32	24	29
2100	41 55.9	66 18.2	82	55595	45	-32	23	28
2110	41 56.9	66 19.5	76	55621	60	-32	20	25
2120	41 58.0	66 20.9	76	55637	65	-32	17	22
2130	41 59.0	66 22.2	82	55659	76	*	*	*
2140	42 .2	66 23.6	78	55687	91	-34	11	16
2150	42 1.4	66 25.0	80	55710	102	-34	12	17
2200	42 2.6	66 26.4	85	55738	117	-34	10	15
2210	42 3.8	66 27.8	82	55762	129	-34	10	15
2220	42 5.0	66 29.2	74	55771	126	-34	8	13
2230	42 6.2	66 30.6	78	55758	100	*	*	*
2240	42 7.3	66 31.6	78	55759	91	-24	13	18
2250	42 8.4	66 32.6	102	55755	76	-24	8	15
2300	42 9.5	66 33.7	182	55735	46	-24	11	23
2310	42 10.6	66 34.7	206	55709	10	-24	13	27
2320	42 11.7	66 35.7	219	55695	-14	-24	13	28
2330	42 12.9	66 36.7	235	55730	10	-24	18	34
2340	42 14.0	66 37.7	256	55931	201	-24	18	35
2350	42 15.1	66 38.8	270	55742	1	-24	18	36

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVCS	F.A.	B.A.
0000	42 16.2	66 39.8	279	55578	-172	-33	12	31
0010	42 17.5	66 41.2	292	55564	-199	-33	5	25
0020	42 18.8	66 42.5	309	55595	-180	-33	7	28
0030	42 20.1	66 43.9	325	55661	-127	-33	14	36
0040	42 21.4	66 45.3	336	55650	-151	-33	13	36
0050	42 22.7	66 46.6	343	55694	-119	-33	14	37
0100	42 24.0	66 48.0	340	55681	-145	-33	19	42
0110	42 25.3	66 49.4	329	55681	-158	-33	21	43
0120	42 26.6	66 50.7	325	55663	-188	-33	19	41
0130	42 27.9	66 52.1	298	55695	-169	-33	24	44
0140	42 29.2	66 53.5	270	55826	-51	-33	28	46
0150	42 30.5	66 54.8	298	55880	-9	-33	31	51
0200	42 31.8	66 56.2	292	55912	9	-32	29	49
0210	42 33.1	66 57.6	292	55852	-62	-32	25	45
0220	42 34.4	66 58.9	*	55845	-82	-32	18	*
0230	42 35.7	67 .3	*	55820	-119	-32	14	*
0240	42 37.0	67 1.7	*	55819	-133	-32	10	*
0250	42 38.3	67 3.0	*	55848	-116	-32	8	*
0300	42 39.6	67 4.4	*	55881	-96	-32	0	*
0310	42 41.0	67 5.8	*	55877	-113	-32	0	*
0320	42 42.3	67 7.1	212	55893	-109	*	*	*
0330	42 43.7	67 8.5	204	55983	-32	-32	28	42
0340	42 45.1	67 9.9	208	55886	-142	-32	24	38
0350	42 46.4	67 11.2	221	55927	-114	-32	22	37
0400	42 47.8	67 12.6	201	55971	-83	*	*	*
0410	42 48.8	67 13.9	197	55939	-125	-31	20	33
0420	42 49.9	67 15.2	212	55962	-113	-31	18	32
0430	42 50.9	67 16.5	217	55956	-129	-31	16	30
0440	42 51.9	67 17.8	241	55991	-105	-31	11	27
0450	42 52.9	67 19.1	234	55929	-178	-31	14	30
0500	42 54.0	67 20.4	230	55947	-170	-31	15	30
0510	42 55.0	67 21.8	228	55973	-155	-31	13	28
0520	42 56.0	67 23.1	252	56046	-92	-31	8	25
0530	42 57.0	67 24.4	219	55965	-184	-31	7	22
0540	42 58.0	67 25.7	223	55980	-179	-31	4	19
0550	42 59.0	67 27.1	215	56035	-135	-31	-2	12
0600	43 0	67 28.4	197	56096	-84	*	*	*
0610	43 .9	67 30.0	190	56135	-56	-37	-4	9
0620	43 1.9	67 31.5	186	56190	-12	-37	-3	9
0630	43 2.8	67 33.1	179	56163	-50	-37	2	14
0640	43 3.7	67 34.7	193	56219	-5	-37	8	21
0650	43 4.7	67 36.2	182	56330	94	-37	10	22
0700	43 5.6	67 37.8	175	56266	19	-37	13	25
0710	43 6.5	67 39.4	175	56173	-84	-37	18	30
0720	43 7.5	67 40.9	182	56067	-201	-37	13	25
0730	43 8.4	67 42.5	175	56104	-175	-37	14	26
0740	43 9.3	67 44.1	175	56094	-196	-37	12	24
0750	43 10.3	67 45.6	175	56107	-193	-37	11	23
0800	43 11.2	67 47.2	190	56164	-147	*	*	*
0810	43 12.2	67 48.7	204	56158	-164	-36	19	33



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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	43 13.3	67 50.3	213	56321	-13	*	*	*
0830	43 14.3	67 51.8	217	56213	-132	*	*	*
0840	43 15.3	67 53.3	215	56244	-112	*	*	*
0850	43 16.4	67 54.9	208	56272	-95	-36	8	22
0900	43 17.4	67 56.4	212	56150	-229	-36	1	15
0910	43 18.4	67 57.9	210	56201	-189	-36	4	18
0920	43 19.5	67 59.5	210	56311	-90	-36	3	17
0930	43 20.5	68 1.0	221	56317	-95	*	*	*
0940	43 21.4	68 2.5	223	56261	-162	-35	6	21
0950	43 22.4	68 4.0	*	56203	-230	-35	9	*
1000	43 23.3	68 5.5	*	56184	-260	-35	12	*
1010	43 24.2	68 7.0	*	56315	-139	-35	11	*
1020	43 25.1	68 8.5	*	56225	-239	-35	13	*
1030	43 26.0	68 10.0	175	56223	-251	*	*	*
1040	43 27.1	68 11.4	175	56412	-74	-33	23	35
1050	43 28.2	68 12.9	168	56283	-214	-33	24	35
1100	43 29.3	68 14.3	153	56374	-134	-33	27	37
1110	43 30.4	68 15.7	159	56460	-59	-33	28	38
1120	43 31.5	68 17.2	175	56731	200	-33	29	41
1130	43 32.6	68 18.6	182	56965	423	*	*	*
1140	43 33.7	68 20.1	177	57163	610	-34	27	39
1150	43 34.7	68 21.5	184	56163	-400	-34	26	38
1200	43 35.8	68 23.0	181	56494	-80	*	*	*
1210	43 36.9	68 24.6	171	56656	70	-36	9	20
1220	43 37.9	68 26.1	166	56416	-180	-36	9	20
1230	43 39.0	68 27.7	168	56534	-73	-36	7	18
1240	43 40.1	68 29.3	164	56562	-57	-36	9	20
1250	43 41.2	68 30.8	166	56512	-118	-36	9	20
1300	43 42.3	68 32.4	138	56619	-23	-36	11	20
1310	43 43.4	68 34.0	153	56717	63	-36	9	19
1320	43 44.5	68 35.5	135	56832	167	-36	11	20
1330	43 45.6	68 37.1	118	56894	218	-36	9	17
1340	43 46.6	68 38.7	118	56825	137	-36	6	14
1350	43 47.7	68 40.2	100	57049	350	-36	7	13
1400	43 48.8	68 41.8	82	57023	313	-36	11	16
1900	43 41.2	69 19.0	87	56552	-250	38	84	89
1910	43 40.1	69 17.4	91	56769	-22	38	41	47
1920	43 39.1	69 15.8	85	56602	-178	38	38	43
1930	43 38.0	69 14.2	120	56633	-136	*	*	*
1940	43 37.1	69 12.8	129	56611	-148	*	*	*
1950	43 36.2	69 11.3	129	56706	-43	*	*	*
2000	43 35.3	69 9.9	140	56602	-137	*	*	*
2010	43 34.4	69 8.5	153	56668	-62	33	22	32
2020	43 33.5	69 7.1	133	56599	-121	33	22	31
2030	43 32.7	69 5.7	*	56581	-129	33	18	*
2040	43 31.8	69 4.2	*	56691	-10	33	0	*
2050	43 30.9	69 2.8	*	56829	137	33	0	*
2100	43 30.0	69 1.4	*	56621	-60	33	14	*
2110	43 29.1	69 .0	*	56484	-188	33	14	*
2120	43 28.3	68 58.6	*	56547	-116	33	9	*

HUDSON 71-014 DAY 115 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2130	43 27.4	68 57.3	*	56506	-147	33	11	*
2140	43 26.6	68 55.9	*	56548	-96	33	9	*
2150	43 25.8	68 54.5	*	56489	-225	33	12	*
2200	43 24.9	68 53.1	*	56720	94	0	0	*
2210	43 24.1	68 51.7	*	56710	93	32	19	*
2220	43 23.2	68 50.4	*	56625	18	32	17	*
2230	43 22.4	68 49.0	113	56766	168	32	14	21
2240	43 21.5	68 47.6	115	56287	-300	32	5	12
2250	43 20.6	68 46.3	117	56275	-303	*	*	*
2300	43 19.7	68 44.9	124	56630	61	*	*	*
2310	43 18.8	68 43.6	124	56147	-411	32	15	23
2320	43 18.0	68 42.2	148	56682	132	*	*	*
2330	43 17.1	68 40.9	160	56375	-164	*	*	*
2340	43 16.2	68 39.5	175	56413	-117	*	*	*
2350	43 15.3	68 38.2	168	56316	-204	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	43 14.4	68 36.8	182	56221	-289	32	7	19
0010	43 13.5	68 35.4	182	56206	-295	*	*	*
0020	43 12.7	68 34.1	186	56135	-356	*	*	*
0030	43 11.8	68 32.7	182	56413	-68	*	*	*
0040	43 10.9	68 31.3	186	56280	-192	32	12	24
0050	43 10.1	68 30.0	195	56360	-102	*	*	*
0100	43 9.2	68 28.6	202	56337	-116	*	*	*
0200	43 4.8	68 21.7	202	56594	189	*	*	*
0210	43 5.4	68 19.6	197	56653	253	*	*	*
0220	43 6.0	68 17.5	230	56552	156	*	*	*
0230	43 6.5	68 15.4	201	56329	-61	*	*	*
0240	43 7.1	68 13.2	204	56376	-9	51	18	32
0250	43 7.6	68 11.1	201	56320	-60	51	21	34
0300	43 8.2	68 9.0	175	56266	-110	*	*	*
0310	43 8.7	68 7.0	182	56146	-225	47	21	33
0320	43 9.2	68 5.1	193	56137	-230	*	*	*
0330	43 9.7	68 3.1	192	56163	-199	*	*	*
0340	43 10.2	68 1.1	201	56280	-77	*	*	*
0350	43 10.7	67 59.2	202	56061	-292	*	*	*
0400	43 11.2	67 57.2	204	56270	-78	*	*	*
0600	43 7.8	67 43.6	182	56082	-197	*	*	*
0610	43 5.9	67 43.6	190	56140	-129	1	15	28
0620	43 4.1	67 43.6	193	56220	-39	*	*	*
0630	43 2.2	67 43.5	195	57321	1071	*	*	*
0640	43 .4	67 43.5	179	56159	-80	*	*	*
0650	42 58.5	67 43.5	171	56051	-178	1	18	29
0700	42 56.6	67 43.5	179	56262	43	*	*	*
0710	42 54.8	67 43.5	197	56164	-44	*	*	*
0720	42 52.9	67 43.4	215	56086	-112	*	*	*
0730	42 51.1	67 43.4	219	56036	-151	*	*	*
0740	42 49.2	67 43.4	215	*	*	*	*	*
0750	42 47.3	67 43.4	217	55963	-204	*	*	*
0800	42 45.5	67 43.4	186	*	*	*	*	*
0810	42 43.6	67 43.3	179	56079	-67	1	21	33
0820	42 41.8	67 43.3	190	*	*	*	*	*
0830	42 39.9	67 43.3	186	*	*	*	*	*
0900	42 34.2	67 43.2	193	*	*	*	*	*
0930	42 36.4	67 40.2	212	*	*	*	*	*
0950	42 38.5	67 37.4	204	*	*	*	*	*
1000	42 39.5	67 36.0	208	55989	-107	*	*	*
1010	42 40.5	67 34.6	197	56003	-93	33	20	33
1020	42 41.6	67 33.2	186	55903	-194	33	20	32
1030	42 42.6	67 31.8	186	55907	-191	33	14	26
1040	42 43.7	67 30.5	186	55951	-147	33	17	29
1050	42 44.7	67 29.1	195	56133	33	33	22	35
1100	42 45.8	67 27.7	223	55961	-138	33	20	35
1110	42 46.9	67 26.3	241	55980	-120	33	20	36
1120	42 47.9	67 25.0	235	55958	-143	33	25	41
1130	42 49.0	67 23.6	215	55946	-156	*	*	*
1140	42 50.1	67 25.0	223	56145	31	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1150	42 51.3	67 26.5	252	56003	-122	*	*	*
1200	42 52.4	67 27.9	241	55950	-187	*	*	*
1210	42 53.5	67 29.4	245	55980	-168	*	*	*
1220	42 54.7	67 30.8	230	55964	-196	-34	5	20
1230	42 55.8	67 32.3	223	55951	-221	-34	0	15
1240	42 56.9	67 33.7	223	55994	-189	-34	-1	14
1250	42 58.1	67 35.2	212	56086	-109	-34	0	14
1300	42 59.2	67 36.6	193	56089	-118	*	*	*
1310	42 59.1	67 37.2	190	56171	-37	*	*	*
1320	42 59.1	67 37.8	195	56174	-36	*	*	*
1330	42 59.0	67 38.4	199	56127	-85	*	*	*
1340	42 58.1	67 37.1	210	56079	-124	30	4	18
1350	42 57.2	67 35.9	223	56020	-173	30	3	18
1400	42 56.3	67 34.6	219	55972	-211	*	*	*
1410	42 55.4	67 33.3	226	55937	-237	*	*	*
1420	42 54.5	67 32.1	245	55921	-243	*	*	*
1430	42 53.6	67 30.8	257	55912	-242	*	*	*
1440	42 52.7	67 29.5	239	55951	-193	*	*	*
1450	42 51.8	67 28.2	237	55933	-201	*	*	*
1500	42 52.6	67 26.8	234	55946	-188	*	*	*
1510	42 53.6	67 25.5	*	55954	-180	32	15	*
1520	42 54.6	67 24.1	*	55967	-168	32	13	*
1530	42 55.6	67 22.8	241	55979	-156	*	*	*
1540	42 56.3	67 21.5	254	55946	-188	30	14	31
1550	42 57.0	67 20.3	263	56045	-88	30	14	32
1600	42 57.7	67 19.0	290	56049	-83	30	16	35
1610	42 58.4	67 17.8	259	56061	-70	30	18	35
1620	42 59.1	67 16.5	212	*	*	30	24	38
1630	42 59.8	67 15.3	204	55894	-236	*	*	*
1640	43 .5	67 14.0	230	55879	-250	*	*	*
1650	43 1.8	67 16.4	234	55990	-154	*	*	*
1700	43 3.0	67 18.7	208	55973	-187	*	*	*
1710	43 4.3	67 21.1	193	55991	-185	*	*	*
1720	43 5.5	67 23.4	182	56043	-149	-55	30	42
1730	43 6.8	67 25.8	193	56150	-57	*	*	*
1740	43 7.9	67 28.3	201	56335	112	-58	32	45
1750	43 8.9	67 30.7	186	56405	167	-58	33	45
1800	43 10.0	67 33.2	186	56532	278	*	*	*
1810	43 11.3	67 31.2	201	56366	113	*	*	*
1820	43 12.6	67 29.3	212	56261	8	*	*	*
1930	43 12.7	67 18.4	210	56133	-78	67	12	26
1940	43 12.5	67 15.6	215	55949	-251	67	14	28
1950	43 12.4	67 12.8	208	55907	-281	67	23	37
2000	43 12.2	67 10.0	201	55856	-321	*	*	*
2010	43 12.3	67 6.5	197	55855	-309	85	43	56
2020	43 12.3	67 2.9	197	56064	-87	85	43	56
2030	43 12.4	66 59.4	188	56005	-133	*	*	*
2040	43 12.2	66 56.3	182	56000	-125	75	40	52
2050	43 12.1	66 53.1	168	55970	-142	75	39	50
2100	43 11.9	66 50.0	155	55924	-175	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2110	43 12.1	66 46.8	140	56022	-66	*	*	*
2120	43 12.3	66 43.5	126	55850	-226	*	*	*
2130	43 12.5	66 40.3	126	56094	28	*	*	*
2140	43 12.7	66 37.0	113	56220	166	*	*	*
2150	43 12.8	66 33.7	91	56076	34	*	*	*
2200	43 13.0	66 30.4	87	56208	178	*	*	*
2210	43 13.1	66 27.5	91	*	*	*	*	*
2220	43 13.2	66 24.6	84	56247	238	*	*	*
2230	43 13.2	66 21.7	64	56194	196	*	*	*
2240	43 13.3	66 18.9	73	56131	144	69	3	8
2250	43 13.4	66 16.0	84	56039	62	*	*	*
2300	43 13.5	66 13.1	115	55994	28	*	*	*
2310	43 13.9	66 10.4	85	56018	60	*	*	*
2320	43 14.4	66 7.6	76	56019	70	65	4	9
2330	43 14.8	66 4.9	73	*	*	*	*	*
2340	43 15.2	66 2.2	54	56095	163	*	*	*
2350	43 15.5	65 59.4	43	56134	211	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	43 15.9	65 56.7	36	55925	10	*	*	*
0010	43 15.6	65 54.3	32	55878	-25	*	*	*
0020	43 15.4	65 51.8	36	55810	-82	*	*	*
0030	43 15.1	65 49.4	43	55817	-64	*	*	*
0040	43 14.9	65 46.8	42	55828	-41	*	*	*
0050	43 14.7	65 44.2	43	*	*	*	*	*
0100	43 14.5	65 41.6	51	*	*	*	*	*
0110	43 14.2	65 39.4	53	55739	-97	*	*	*
0120	43 13.9	65 37.2	58	55708	-118	*	*	*
0130	43 15.9	65 38.1	67	*	*	*	*	*
0140	43 18.0	65 39.0	38	55687	-168	*	*	*
0150	43 17.9	65 42.4	40	55768	-100	*	*	*
0200	43 17.8	65 45.8	29	*	*	*	*	*
0210	43 17.7	65 49.1	36	55859	-35	-78	-9	-6
0220	43 17.7	65 52.4	25	55862	-44	*	*	*
0230	43 17.7	65 55.7	29	55922	2	*	*	*
0240	43 17.6	65 59.0	32	55856	-76	*	*	*
0250	43 17.5	66 2.3	47	56006	60	-78	-9	-5
0300	43 17.5	66 5.7	47	55938	-19	-78	-3	1
0310	43 17.4	66 9.0	62	56090	119	-78	4	8
0320	43 17.4	66 12.3	73	56073	89	*	*	*
0330	43 17.4	66 15.6	102	56076	80	-78	11	18
0340	43 17.3	66 18.9	84	56115	106	-78	13	18
0350	43 17.2	66 22.2	62	56270	249	-78	11	15
0400	43 17.2	66 25.5	58	56327	293	*	*	*
0410	43 17.2	66 28.4	62	56290	245	-67	31	35
0420	43 17.2	66 31.2	65	56169	113	-67	39	43
0430	43 17.2	66 34.1	84	56104	37	*	*	*
0440	43 17.4	66 37.2	98	56227	147	-73	38	44
0450	43 17.5	66 40.4	98	56078	-14	-73	39	45
0500	43 17.7	66 43.5	135	55961	-144	*	*	*
0510	43 17.7	66 46.9	146	55974	-144	-79	40	50
0520	43 17.6	66 50.2	168	55996	-135	-79	45	56
0530	43 17.6	66 53.6	197	56054	-89	*	*	*
0540	43 17.6	66 56.5	197	56045	-109	-67	54	67
0550	43 17.6	66 59.3	186	56095	-70	-67	54	66
0600	43 17.6	67 2.2	186	56047	-129	-67	54	66
0610	43 17.3	67 5.1	182	56387	201	-67	48	60
0620	43 16.9	67 7.9	241	55974	-220	-67	38	54
0630	43 16.6	67 10.8	179	55963	-241	*	*	*
0640	43 17.3	67 14.1	215	56011	-209	*	*	*
0650	43 17.7	67 17.2	215	55996	-238	*	*	*
0700	43 17.6	67 20.2	201	56132	-113	-70	27	40
0710	43 17.6	67 23.1	208	56245	-10	-70	32	46
0720	43 17.5	67 26.1	190	56291	24	-70	41	54
0730	43 17.5	67 29.1	186	56937	659	*	*	*
0740	43 17.3	67 32.2	212	56388	99	-73	37	51
0750	43 17.1	67 35.3	226	56582	282	-73	30	45
0800	43 16.9	67 38.4	235	56271	-38	*	*	*
0810	43 16.9	67 41.3	245	56257	-63	-68	28	44

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	43 17.0	67 44.2	245	56299	-32	*	*	*
0830	43 18.2	67 41.7	248	56381	52	*	*	*
0840	43 19.3	67 39.1	237	56288	-36	*	*	*
0850	43 20.4	67 36.6	230	56266	-55	*	*	*
0900	43 21.6	67 34.0	212	56278	-40	*	*	*
0910	43 22.4	67 31.2	175	56197	-114	68	37	49
0920	43 23.3	67 28.3	175	56409	103	68	38	50
0930	43 24.1	67 25.5	160	56204	-95	*	*	*
0940	43 25.0	67 22.6	201	56202	-91	70	33	46
0950	43 25.9	67 19.7	204	56074	-212	70	33	47
1000	43 26.7	67 16.8	208	56124	-156	70	30	44
1010	43 27.6	67 13.8	201	56018	-256	69	28	41
1020	43 28.5	67 10.9	215	56004	-263	69	29	43
1030	43 29.4	67 8.0	223	56010	-251	69	32	47
1900	43 36.8	66 20.7	71	*	*	-50	31	35
1910	43 35.1	66 22.9	78	55952	-166	-50	34	39
1920	43 33.5	66 25.0	80	55917	-201	-50	35	40
1930	43 31.8	66 27.2	96	56093	-24	*	*	*
1940	43 29.8	66 29.3	95	56075	-40	-48	46	52
1950	43 27.9	66 31.3	106	56051	-61	-48	52	59
2000	43 25.9	66 33.4	95	56065	-45	*	*	*
2010	43 24.2	66 35.6	100	56036	-73	*	*	*
2020	43 22.5	66 37.8	106	55989	-120	*	*	*
2030	43 20.8	66 35.6	98	55959	-132	*	*	*
2040	43 19.0	66 33.4	96	56136	61	*	*	*
2050	43 17.3	66 31.2	62	56285	228	*	*	*
2100	43 15.6	66 29.0	80	56306	267	*	*	*
2110	43 13.8	66 26.6	80	56329	309	59	21	26
2120	43 12.0	66 24.1	76	56222	221	59	15	20
2130	43 10.2	66 21.7	87	56113	132	*	*	*
2140	43 8.4	66 19.2	87	56058	96	*	*	*
2150	43 6.6	66 16.8	87	55991	48	*	*	*
2200	43 4.8	66 14.3	85	55965	41	59	2	7
2210	43 3.0	66 11.9	102	55995	91	59	3	10
2220	43 1.2	66 9.4	117	55941	56	59	6	14
2230	42 59.4	66 7.0	91	55933	68	*	*	*
2240	42 57.6	66 4.5	140	55869	23	61	15	24
2250	42 55.8	66 2.0	135	55908	82	61	20	29
2300	42 54.0	65 59.5	157	*	*	*	*	*
2310	42 52.4	65 57.3	153	55973	184	53	5	15
2320	42 50.9	65 55.1	87	55986	214	54	6	11
2330	42 49.3	65 52.9	87	55918	164	54	18	23
2340	42 47.7	65 50.7	98	55870	133	54	8	14
2350	42 46.2	65 48.5	102	55927	207	54	12	19

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
0000	42 44.6	65 46.3	102	55997	295	49	7	14
0010	42 43.2	65 44.3	96	55879	192	49	4	10
0020	42 41.8	65 42.3	95	55886	215	49	12	18
0030	42 40.4	65 40.3	95	55795	140	49	22	28
0040	42 39.0	65 38.3	87	55742	103	49	25	30
0050	42 37.6	65 36.3	89	55713	90	49	26	32
0100	42 36.2	65 34.3	91	55692	84	49	28	34
0110	42 34.8	65 32.3	93	55656	64	49	30	36
0120	42 33.4	65 30.3	93	55647	71	49	31	37
0130	42 32.0	65 28.3	96	55644	84	49	34	40
0140	42 30.6	65 26.3	98	55673	129	49	34	40
0150	42 29.2	65 24.3	100	55677	149	49	39	45
0200	42 27.8	65 22.3	104	55666	154	49	42	49
0210	42 26.4	65 20.3	107	55621	125	*	*	*
0220	42 25.0	65 18.3	113	55572	92	49	45	52
0230	42 23.6	65 16.3	113	55543	79	*	*	*
0240	42 22.0	65 14.1	117	55510	63	*	*	*
0250	42 20.4	65 12.0	128	55490	61	53	56	64
0300	42 18.9	65 9.8	135	55453	42	53	57	66
0310	42 17.3	65 7.7	327	55403	10	53	48	70
0320	42 15.7	65 5.5	610	55360	-15	*	*	*
0330	42 14.1	65 3.3	932	55303	-54	*	*	*
0340	42 12.5	65 1.2	1243	55233	-106	54	5	90
0350	42 10.9	64 59.0	1404	55147	-174	54	-1	95
0400	42 9.3	64 56.9	1565	55054	-249	54	-4	103
0410	42 7.8	64 54.7	1649	54987	-298	54	-14	99
0420	42 6.2	64 52.6	1777	54968	-299	*	*	*
0430	42 4.6	64 50.4	1880	54997	-252	*	*	*
0440	42 3.0	64 48.3	1953	55072	-159	*	*	*
0450	42 1.4	64 46.1	2026	55189	-24	53	-16	123
0500	41 59.8	64 44.0	2099	55270	74	53	-19	125
0510	41 58.2	64 41.9	2152	55306	128	53	-25	122
0520	41 56.6	64 39.7	2231	55283	123	53	-27	126
0530	41 55.0	64 37.6	2311	55269	127	53	-28	130
0540	41 53.4	64 35.5	2432	55270	146	53	-24	143
0550	41 51.8	64 33.3	2494	55287	181	54	-18	153
0600	41 50.2	64 31.2	2523	55278	190	*	*	*
0610	41 48.6	64 29.2	2622	55227	158	51	-13	167
0620	41 46.9	64 27.1	2691	55169	118	51	-9	176
0630	41 45.3	64 25.1	2732	55113	80	*	*	*
0640	41 43.6	64 23.0	2739	55096	81	52	-4	184
0650	41 41.7	64 21.3	2812	55082	85	*	*	*
0700	41 39.5	64 20.0	2896	55062	84	*	*	*
0710	41 37.3	64 18.9	2991	55033	73	29	-1	204
0720	41 35.1	64 17.7	3083	55006	64	29	-5	206
0730	41 32.9	64 16.6	3130	54988	63	29	-7	208
0740	41 30.7	64 15.5	3207	54948	41	29	-6	214
0750	41 28.6	64 14.3	3258	54894	5	29	-6	218
0800	41 26.4	64 13.2	3302	54853	-17	29	-6	221
0810	41 24.2	64 12.1	3363	54826	-26	*	*	*



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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	41 22.0	64 10.9	3397	54794	-40	*	*	*
0830	41 19.8	64 9.8	3445	54763	-53	*	*	*
0840	41 21.3	64 11.9	3438	54776	-58	*	*	*
0850	41 22.8	64 14.1	3372	54802	-50	*	*	*
0900	41 24.3	64 16.2	3335	54817	-53	-53	-18	211
0910	41 25.8	64 18.3	3247	54838	-50	-53	-20	203
0920	41 27.3	64 20.5	*	54877	-29	-53	-18	*
0930	41 28.8	64 22.6	*	54915	-9	0	0	*
0940	41 30.2	64 24.8	*	54946	4	-54	-17	*
0950	41 31.6	64 26.9	3094	54979	20	-53	-18	194
1000	41 33.0	64 29.1	3017	55018	41	*	*	*
1010	41 34.4	64 31.3	2958	55055	61	-54	-11	192
1020	41 35.8	64 33.5	2885	55087	76	*	*	*
1030	41 37.2	64 35.7	2812	55105	76	*	*	*
1040	41 38.6	64 37.8	2754	55118	72	-54	-6	183
1050	41 40.0	64 40.0	2724	55119	56	-54	-7	180
1100	41 41.4	64 42.2	2684	55143	63	-54	-13	171
1110	41 42.9	64 44.4	2617	55206	108	-54	-15	164
1120	41 44.5	64 46.6	2549	55264	147	-54	-21	154
1130	41 46.0	64 48.8	2483	55282	147	-54	-27	143
1140	41 47.5	64 51.0	2388	55260	107	-54	-31	133
1150	41 49.1	64 53.2	2359	55201	30	-54	-33	129
1200	41 50.6	64 55.4	2260	55151	-37	*	*	*
1210	41 52.1	64 57.7	2209	55126	-80	-56	-34	117
1220	41 53.7	65 0	2123	55103	-121	-56	-30	115
1230	41 55.2	65 2.3	2020	55067	-176	-56	-30	108
1240	41 56.7	65 4.6	1956	55023	-238	-56	-29	105
1250	41 58.3	65 6.9	1889	54981	-298	-56	-25	104
1300	41 59.8	65 9.2	1797	54951	-346	*	*	*
1310	42 1.3	65 11.6	1656	54961	-355	-57	-13	100
1320	42 2.9	65 13.9	1490	54986	-348	*	*	*
1330	42 4.4	65 16.3	1430	55070	-283	*	*	*
1340	42 5.9	65 18.7	1320	55145	-226	-57	10	100
1350	42 7.5	65 21.0	881	55213	-177	-57	27	87
1400	42 9.0	65 23.4	384	55283	-125	*	*	*
1410	42 11.0	65 25.3	98	55350	-77	*	*	*
1420	42 13.0	65 27.1	115	55405	-41	*	*	*
1430	42 15.0	65 29.0	109	55447	-18	*	*	*
1440	42 16.9	65 31.2	104	55485	0	-54	32	39
1450	42 18.8	65 33.5	100	55509	4	-54	29	35
1500	42 20.7	65 35.7	98	55538	13	-53	26	32
1510	42 22.5	65 37.9	98	55610	65	-53	29	35
1520	42 24.4	65 40.2	95	55595	31	-53	31	37
1530	42 26.3	65 42.4	95	55583	0	-53	30	36
1540	42 28.2	65 44.6	95	55602	0	-53	30	36
1550	42 30.1	65 46.9	91	55654	31	-53	28	34
1600	42 31.9	65 49.1	91	55713	71	-53	27	33
1610	42 33.8	65 51.3	85	55709	47	-53	25	30
1620	42 35.7	65 53.6	84	55766	85	-53	23	28
1630	42 37.6	65 55.8	80	55858	157	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
1640	42 39.3	65 57.9	80	55835	117	-51	11	16
1650	42 40.9	66 .1	76	55814	78	-51	3	8
1700	42 42.6	66 2.2	73	56025	271	-51	-4	1
1710	42 44.3	66 4.3	67	56047	276	-51	-6	-2
1720	42 45.9	66 6.5	62	*	*	-50	-9	-5
1730	42 47.6	66 8.6	62	55957	150	*	*	*
1740	42 49.2	66 10.6	58	55953	129	-47	-8	-5
1750	42 50.9	66 12.6	109	55957	117	-47	-12	-5
1800	42 52.5	66 14.6	135	55995	138	-47	-12	-3
1810	42 54.1	66 16.6	126	56051	177	-47	-11	-3
1820	42 55.8	66 18.6	115	55953	62	-47	-9	-2
1830	42 57.4	66 20.6	109	56011	103	*	*	*
1840	42 58.9	66 22.8	120	56016	91	-52	-10	-2
1850	43 .5	66 25.0	131	55942	0	-52	-7	2
1900	43 2.0	66 27.2	120	55975	17	*	*	*
1910	43 3.6	66 29.4	106	55990	14	-51	3	10
1920	43 5.2	66 31.5	111	56041	48	-51	8	15
1930	43 6.8	66 33.7	100	56031	21	-51	13	19
1940	43 8.4	66 35.9	117	55993	-33	-51	15	23
1950	43 10.0	66 38.0	111	56057	13	-51	18	25
2000	43 11.6	66 40.2	118	56053	-7	*	*	*
2010	43 13.2	66 42.2	138	55894	-182	-47	23	32
2020	43 14.8	66 44.3	106	55986	-107	*	*	*
2030	43 16.4	66 46.3	138	56006	-103	*	*	*
2040	43 18.0	66 48.3	164	56042	-83	*	*	*
2050	43 19.6	66 50.4	182	56070	-72	-47	39	51
2100	43 21.2	66 52.4	208	56017	-141	*	*	*
2110	43 22.7	66 54.9	199	56032	-144	-57	29	42
2120	43 24.3	66 57.3	212	56037	-156	-57	30	44
2130	43 25.8	66 59.8	210	56164	-47	*	*	*
2140	43 27.4	67 2.0	224	56067	-160	*	*	*
2150	43 28.9	67 4.2	219	56037	-207	-51	27	42
2200	43 30.5	67 6.4	215	56059	-202	-51	13	27
2210	43 32.0	67 8.6	217	56082	-195	-51	7	21
2220	43 33.6	67 10.8	210	56112	-182	-51	4	18
2230	43 35.2	67 13.0	193	56134	-176	-51	-2	11
2240	43 36.7	67 15.2	177	56314	-13	-51	2	14
2250	43 38.3	67 17.4	204	56313	-30	-51	16	30
2300	43 39.8	67 19.6	206	56539	178	-51	18	32
2310	43 41.4	67 21.8	202	56452	75	-51	22	35
2320	43 43.0	67 24.0	199	56234	-158	-50	22	35
2330	43 44.5	67 26.2	210	56257	-152	-50	20	34
2340	43 46.1	67 28.4	224	56296	-129	-50	11	26
2350	43 47.6	67 30.6	219	56286	-155	-50	10	25

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	43 49.2	67 32.8	223	56322	-136	-53	5	20
0010	43 50.8	67 35.1	219	56405	-69	-53	1	16
0020	43 52.3	67 37.4	204	56493	1	-53	6	20
0030	43 53.9	67 39.7	199	56394	-114	-52	7	20
0040	43 55.5	67 42.0	208	56413	-111	*	*	*
0050	43 57.0	67 44.3	208	56704	162	*	*	*
0100	43 58.6	67 46.6	179	56513	-44	*	*	*
0110	44 .3	67 49.0	135	56777	202	-54	38	47
0120	44 1.9	67 51.3	117	57528	935	-54	38	46
0130	44 3.6	67 53.7	87	57002	392	-54	33	38
0140	44 5.2	67 56.0	95	56991	364	-53	26	32
0150	44 6.9	67 58.4	133	56930	286	*	*	*
0200	44 4.9	68 .3	128	57094	453	*	*	*
0210	44 2.7	68 1.5	129	56539	-94	-26	23	31
0220	44 .5	68 2.7	138	56770	143	-26	15	24
0230	43 58.3	68 3.8	124	56746	126	-26	8	16
0240	43 56.1	68 5.0	157	56744	130	*	*	*
0250	43 54.6	68 2.7	160	56570	-27	*	*	*
0300	43 53.2	68 .5	175	56637	55	*	*	*
0310	43 51.6	67 58.3	171	56516	-49	51	23	34
0320	43 49.9	67 56.2	160	56222	-326	51	23	34
0330	43 48.3	67 54.0	179	57437	904	51	17	29
0340	43 46.7	67 51.8	208	56441	-75	51	13	27
0350	43 45.0	67 49.7	215	56338	-161	51	14	28
0400	43 43.4	67 47.5	226	56433	-50	51	13	28
0410	43 41.8	67 45.3	226	56390	-76	51	14	29
0420	43 40.1	67 43.2	234	56313	-136	51	14	30
0430	43 38.5	67 41.0	234	56299	-134	*	*	*
0440	43 36.8	67 38.8	241	56304	-112	53	13	29
0450	43 35.2	67 36.5	235	56251	-148	53	16	32
0500	43 33.5	67 34.3	226	56187	-195	*	*	*
0510	43 31.8	67 32.0	223	56119	-246	54	21	36
0520	43 30.2	67 29.8	219	56105	-242	54	18	33
0530	43 28.5	67 27.5	215	56152	-178	*	*	*
0540	43 26.8	67 25.3	217	56157	-156	*	*	*
0550	43 25.2	67 23.0	197	56194	-101	*	*	*
0600	43 23.5	67 20.8	197	56281	2	54	15	28
0610	43 21.8	67 18.5	186	56188	-73	54	19	31
0620	43 20.2	67 16.3	212	55974	-269	54	11	25
0630	43 18.5	67 14.0	217	55940	-286	54	5	19
0640	43 16.9	67 11.7	221	55950	-259	54	12	27
0650	43 15.2	67 9.5	223	55964	-227	54	19	34
0700	43 13.6	67 7.2	208	56095	-79	54	22	36
0710	43 12.0	67 4.9	190	56429	272	55	20	33
0720	43 10.3	67 2.7	193	55896	-243	55	16	29
0730	43 8.7	67 .4	175	55884	-237	55	18	30
0740	43 7.1	66 58.1	164	55835	-269	55	18	29
0750	43 5.4	66 55.9	182	55857	-229	55	16	28
0800	43 3.8	66 53.6	182	55838	-231	*	*	*
0810	43 2.1	66 51.3	153	55821	-230	57	27	37

HUDSON 71-014 DAY 119 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	43 .4	66 48.9	153	55859	-173	57	20	30
0830	42 58.7	66 46.5	190	55798	-216	*	*	*
0840	42 57.0	66 44.2	197	55920	-76	*	*	*
0850	42 55.3	66 41.8	193	55852	-125	*	*	*
0900	42 53.6	66 39.5	212	55945	-14	*	*	*
0910	42 51.9	66 37.1	179	55875	-65	58	25	37
0920	42 50.1	66 34.8	164	55865	-57	58	30	41
0930	42 48.4	66 32.4	157	55793	-110	58	30	40
0940	42 46.7	66 30.0	124	55747	-137	58	24	32
0950	42 44.9	66 27.7	113	55682	-183	58	14	21
1000	42 43.2	66 25.3	109	55988	141	58	10	17
1010	42 41.5	66 22.9	109	55791	-37	*	*	*
1020	42 39.7	66 20.6	106	55811	1	58	18	25
1030	42 38.0	66 18.2	102	55800	9	*	*	*
1040	42 36.3	66 16.1	120	55823	50	52	11	19
1050	42 34.6	66 13.9	170	55762	7	52	12	23
1100	42 32.9	66 11.8	202	55693	-43	52	12	25
1110	42 31.2	66 9.7	213	55874	155	52	8	22
1120	42 29.5	66 7.5	224	55740	39	53	11	26
1130	42 27.8	66 5.4	230	55666	-16	53	14	29
1140	42 26.1	66 3.3	239	55608	-56	53	12	28
1150	42 24.5	66 1.1	237	55589	-57	*	*	*
1200	42 22.8	65 59.0	234	55580	-48	*	*	*
1210	42 21.1	65 56.9	223	55583	-27	53	16	31
1220	42 19.4	65 54.7	221	55570	-22	53	18	33
1230	42 17.7	65 52.6	219	55569	-5	53	14	29
1240	42 16.0	65 50.5	215	55563	6	53	15	29
1250	42 14.3	65 48.3	215	55553	14	53	27	41
1300	42 12.6	65 46.2	217	55532	11	*	*	*
1310	42 11.2	65 44.3	223	55505	0	48	25	40
1320	42 9.8	65 42.3	259	55463	-25	48	30	47
1330	42 8.4	65 40.4	270	55416	-57	48	39	57
1340	42 7.1	65 38.5	310	55366	-91	48	48	69
1350	42 5.7	65 36.5	360	55324	-117	48	55	79
1400	42 4.3	65 34.6	614	55278	-147	48	60	102
1410	42 2.7	65 32.7	746	55248	-161	48	50	101
1420	42 1.2	65 30.7	799	55199	-193	48	37	91
1430	41 59.7	65 28.8	998	55135	-240	48	23	91
1440	41 58.1	65 26.9	1203	55075	-283	48	9	91
1450	41 56.5	65 24.9	1428	55017	-325	48	-1	97
1500	41 55.0	65 23.0	1682	54969	-356	*	*	*
1510	41 53.4	65 20.9	1742	54952	-355	*	*	*
1520	41 51.8	65 18.8	1836	54990	-299	53	-14	112
1530	41 50.2	65 16.7	1923	55035	-236	53	-16	116
1540	41 48.6	65 14.6	1989	55037	-216	53	-25	111
1550	41 47.0	65 12.5	2066	55036	-199	53	-28	114
1600	41 45.4	65 10.4	2139	55055	-163	*	*	*
1610	41 43.9	65 8.2	2216	55087	-113	55	-32	120
1620	41 42.3	65 6.0	2293	55133	-49	55	-35	122
1630	41 40.8	65 3.8	2485	55179	14	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1640	41 39.4	65 1.8	*	55231	83	50	0	*
1650	41 37.9	64 59.8	*	55272	141	50	-33	*
1700	41 36.5	64 57.8	*	55247	132	50	-21	*
1710	41 35.1	64 55.8	2761	55191	93	51	-15	174
1720	41 33.6	64 53.8	2838	55161	80	51	-11	184
1730	41 32.2	64 51.8	2860	55173	109	*	*	*
1750	41 29.3	64 47.9	2915	55193	162	*	*	*
1800	41 27.9	64 45.9	2977	55171	156	50	-4	200
1810	41 26.5	64 43.9	3046	55128	130	50	-3	206
1820	41 25.0	64 42.0	3130	55070	89	50	-1	214
1830	41 23.6	64 40.0	3178	55005	40	*	*	*
1840	41 23.7	64 42.9	3160	55030	53	*	*	*
1850	41 23.9	64 45.8	3105	55081	91	*	*	*
1900	41 24.0	64 48.7	2931	55110	108	-72	-12	189
1910	41 24.2	64 51.5	3065	55138	123	-72	-13	197
1920	41 24.3	64 54.4	3008	55163	135	-72	-14	192
1930	41 24.5	64 57.3	2944	55183	143	-72	-14	188
1940	41 24.6	65 .2	2900	55216	163	*	*	*
1950	41 26.4	65 2.6	2841	55259	186	-58	-34	161
2000	41 28.2	65 4.9	2777	55291	197	*	*	*
2010	41 29.4	65 6.5	2728	55320	213	*	*	*
2020	41 30.6	65 8.0	2673	55329	208	*	*	*
2030	41 31.8	65 9.6	2602	55310	176	*	*	*
2040	41 33.3	65 11.7	2527	55260	108	-52	-23	150
2050	41 34.9	65 13.8	2392	55186	16	-52	-26	138
2100	41 36.4	65 15.9	2331	55160	-26	-52	-25	135
2110	41 37.9	65 18.0	2249	55185	-19	-52	-25	129
2120	41 39.5	65 20.1	2265	55149	-72	-52	-24	131
2130	41 41.0	65 22.2	2130	55104	-135	-51	-21	125
2140	41 42.6	65 24.3	1901	55131	-126	*	*	*
2150	41 44.1	65 26.4	1770	55114	-160	-51	-12	109
2200	41 45.6	65 28.5	1755	55118	-174	-51	-8	112
2210	41 47.2	65 30.6	1667	55105	-204	-51	-2	112
2220	41 48.8	65 32.7	1475	55125	-202	-51	22	123
2230	41 50.3	65 34.8	1356	55137	-207	*	*	*
2240	41 51.9	65 36.9	877	55126	-236	-50	30	90
2250	41 53.4	65 38.9	618	55182	-197	-50	46	88
2300	41 55.0	65 41.0	292	55215	-182	*	*	*
2310	41 56.4	65 43.0	235	55271	-142	-49	70	86
2320	41 57.7	65 45.0	235	55304	-125	-49	70	86
2330	41 59.1	65 47.0	241	55308	-136	-49	65	81
2340	42 .5	65 49.0	248	55323	-137	-49	60	77
2350	42 1.8	65 51.0	248	55347	-129	-49	53	70

HUDSON 71-014 DAY 120 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 3.2	65 53.0	246	55389	-103	-49	46	62
0010	42 4.5	65 55.0	246	55441	-67	*	*	*
0020	42 5.9	65 57.0	252	55485	-38	-48	20	37
0030	42 7.2	65 59.0	241	55530	-9	*	*	*
0040	42 8.6	66 .7	237	55555	0	-40	12	28
0050	42 10.0	66 2.3	*	55562	-7	-40	9	*
0100	42 11.5	66 4.0	*	55573	-10	-40	11	*
0110	42 12.9	66 5.7	*	55586	-12	-40	11	*
0120	42 14.3	66 7.3	256	55597	-16	-40	15	32
0130	42 15.7	66 9.0	245	55621	-6	-40	17	33
0140	42 17.2	66 10.7	234	55654	11	-40	23	39
0150	42 18.6	66 12.3	230	55695	37	-40	26	41
0200	42 20.0	66 14.0	230	55697	25	*	*	*
0210	42 21.7	66 16.1	237	55702	12	-50	15	31
0220	42 23.4	66 18.1	248	55738	30	-49	16	33
0230	42 25.1	66 20.2	254	55740	14	-49	15	32
0240	42 26.8	66 22.3	256	55730	-12	-49	15	32
0250	42 28.5	66 24.3	254	55533	-227	-49	15	32
0300	42 30.2	66 26.4	241	55641	-137	-49	16	32
0310	42 31.9	66 28.5	237	55642	-153	*	*	*
0320	42 33.5	66 30.5	212	55659	-154	-49	17	31
0330	42 35.2	66 32.6	182	55742	-88	*	*	*
0340	42 36.8	66 34.7	219	55809	-38	*	*	*
0350	42 38.4	66 36.8	164	55637	-227	*	*	*
0400	42 40.0	66 38.9	168	55689	-192	*	*	*
0410	42 41.6	66 41.0	166	55782	-116	*	*	*
0420	42 43.2	66 43.1	153	55790	-125	-50	40	50
0430	42 44.8	66 45.2	168	55827	-105	-50	42	53
0440	42 46.4	66 47.3	201	55803	-146	-50	28	41
0450	42 48.0	66 49.4	206	55798	-168	-50	31	45
0500	42 49.6	66 51.5	186	56051	67	*	*	*
0510	42 51.2	66 53.6	182	55842	-158	-50	33	45
0520	42 52.8	66 55.7	186	55863	-154	-50	31	43
0530	42 54.4	66 57.8	204	56103	68	*	*	*
0540	42 55.7	67 .3	219	55875	-175	-58	21	36
0550	42 57.1	67 2.7	182	55954	-113	-58	14	26
0600	42 58.4	67 5.2	193	55888	-196	*	*	*
0610	42 59.8	67 7.2	201	55888	-211	-48	11	24
0620	43 1.3	67 9.3	202	56032	-83	-48	9	22
0630	43 2.7	67 11.4	232	55919	-212	-48	10	25
0640	43 4.1	67 13.4	221	56094	-52	-48	13	28
0650	43 5.6	67 15.5	171	55923	-239	-48	17	28
0700	43 7.0	67 17.5	171	55950	-227	-48	15	26
0710	43 8.4	67 19.5	175	56033	-160	-48	12	24
0720	43 9.9	67 21.6	175	56130	-78	-48	16	28
0730	43 11.3	67 23.7	179	56335	110	-48	21	33
0740	43 12.7	67 25.7	182	56474	234	-48	24	36
0750	43 14.2	67 27.8	190	56294	39	*	*	*
0800	43 15.6	67 29.8	197	56517	246	*	*	*
0810	43 17.1	67 31.9	204	56447	160	-50	22	36

HUDSON 71-014 DAY 120 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
0820	43 18.7	67 34.1	228	56312	9	-50	17	32
0830	43 20.2	67 36.2	223	56273	-45	-50	10	25
0840	43 21.7	67 38.3	234	56374	38	-50	11	27
0850	43 23.3	67 40.5	239	56365	13	*	*	*
0900	43 24.8	67 42.6	245	56355	-12	-49	5	21
0910	43 26.3	67 44.7	245	56285	-98	-49	1	17
0920	43 27.9	67 46.9	241	56316	-83	-49	4	20
0930	43 29.4	67 49.0	245	56251	-164	-49	8	24
0940	43 30.9	67 51.1	288	56227	-204	-49	1	20
0950	43 32.5	67 53.3	248	56306	-141	-49	12	29
1000	43 34.0	67 55.4	234	56418	-45	*	*	*
1010	43 35.5	67 57.6	212	56368	-111	-50	22	36
1020	43 37.1	67 59.7	208	56425	-70	-50	26	40
1030	43 38.6	68 1.9	193	56581	69	*	*	*
1040	43 40.1	68 4.1	175	56424	-103	-50	29	41
1050	43 41.7	68 6.2	168	56380	-163	-50	28	39
1100	43 43.2	68 8.4	168	56432	-127	*	*	*
1110	43 44.6	68 10.7	181	56414	-160	-52	10	22
1120	43 46.1	68 12.9	190	56427	-163	-52	7	20
1130	43 47.5	68 15.2	177	56557	-49	*	*	*
1140	43 49.1	68 17.5	138	56777	154	-53	4	13
1150	43 50.6	68 19.8	129	56611	-28	-53	8	16
1200	43 52.2	68 22.1	128	56612	-43	-53	5	13
1210	43 53.8	68 24.4	117	56878	205	-53	3	11
1220	43 55.3	68 26.7	104	56868	179	-53	-3	4
1230	43 56.9	68 29.0	95	56829	124	-53	-4	2
1240	43 56.7	68 29.4	89	56851	145	*	*	*
1250	43 54.8	68 27.7	115	56719	29	*	*	*
1300	43 52.8	68 26.0	107	56719	46	*	*	*
1310	43 50.7	68 24.6	135	56636	-20	34	11	20
1320	43 48.6	68 23.1	131	56759	118	34	7	16
1330	43 46.5	68 21.6	146	56713	88	34	11	21
1340	43 44.5	68 20.2	182	56512	-96	34	9	21
1350	43 42.4	68 18.8	197	56404	-188	34	10	23
1400	43 40.3	68 17.3	186	56426	-150	34	11	23
1410	43 38.2	68 15.9	190	56803	242	35	22	35
1420	43 36.1	68 14.4	179	56288	-256	35	24	36
1430	43 34.0	68 12.9	175	56902	373	35	28	40
1440	43 32.0	68 11.5	171	56419	-92	35	21	32
1450	43 29.9	68 10.1	179	56335	-160	35	17	29
1500	43 27.8	68 8.6	182	56284	-195	35	12	24
1510	43 25.7	68 7.1	182	56239	-223	35	6	18
1520	43 23.5	68 5.7	208	56300	-145	*	*	*
1530	43 21.4	68 4.2	219	56157	-272	*	*	*
1540	43 19.6	68 2.6	226	56234	-179	*	*	*
1550	43 17.8	68 1.0	230	56219	-179	38	1	16
1600	43 16.0	67 59.4	223	56343	-39	*	*	*
1610	43 13.8	67 57.8	201	56223	-141	39	9	22
1620	43 11.5	67 56.2	201	56353	6	39	13	26
1630	43 9.3	67 54.6	201	56288	-40	39	14	27

HUDSON 71-014 DAY 120 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
1700	43 9.6	67 46.6	186	56088	-212	*	*	*
1710	43 9.6	67 43.5	179	56080	-209	75	4	16
1720	43 9.6	67 40.3	182	56177	-100	75	6	18
1730	43 9.6	67 37.2	186	56212	-53	75	11	23
1740	43 9.6	67 34.1	181	56387	133	75	13	25
1750	43 9.5	67 30.9	179	56525	283	75	17	29
1800	43 9.5	67 27.8	179	56305	74	*	*	*
1810	43 9.4	67 24.6	173	56408	190	77	18	29
1820	43 9.3	67 21.4	168	56287	81	77	12	23
1830	43 9.3	67 18.2	*	56036	-156	77	14	*
1840	43 9.2	67 15.0	*	55939	-240	77	20	*
1850	43 9.1	67 11.8	*	55889	-278	77	25	*
1900	43 9.0	67 8.6	*	55858	-296	0	0	*
1910	43 9.0	67 5.5	179	55926	-217	*	*	*
1920	43 9.1	67 2.5	184	55893	-238	74	21	33
1930	43 9.1	66 59.4	171	55899	-221	74	21	32
1940	43 9.1	66 56.3	151	55889	-219	74	20	30
1950	43 9.2	66 53.3	153	55846	-251	74	19	29
2000	43 9.2	66 50.2	153	55948	-137	*	*	*
2010	43 9.1	66 46.9	182	55898	-174	79	17	29
2020	43 9.0	66 43.6	128	56067	7	79	23	31
2030	43 8.9	66 40.3	126	56018	-28	79	23	31
2040	43 8.8	66 37.0	126	56006	-26	79	21	29
2050	43 8.7	66 33.7	95	55987	-32	79	22	28
2100	43 8.6	66 30.4	80	56129	122	79	15	20
2110	43 8.6	66 27.1	87	56150	156	79	8	13
2120	43 8.6	66 23.8	89	56160	179	79	0	6
2130	43 8.6	66 20.5	82	56066	98	79	-4	1
2140	43 8.6	66 17.2	78	56184	228	79	-11	-5
2150	43 8.6	66 14.0	96	56015	72	79	-9	-2
2200	43 8.6	66 10.7	93	56099	169	79	-5	1
2210	43 8.6	66 7.4	95	56296	379	79	-5	1
2220	43 8.6	66 4.1	87	56040	136	79	-5	0
2230	43 8.6	66 .8	89	56275	384	*	*	*
2240	43 8.6	65 57.4	87	56049	171	81	-9	-3
2250	43 8.7	65 54.1	80	55908	43	81	-10	-4
2300	43 8.7	65 50.7	82	55827	-24	81	-11	-5
2310	43 8.7	65 47.3	73	55838	0	*	*	*
2320	43 8.8	65 44.0	65	55859	33	*	*	*
2330	43 8.8	65 40.6	69	55802	-10	*	*	*
2340	43 8.9	65 37.2	76	55909	109	81	-8	-2
2350	43 8.9	65 33.9	76	55828	41	81	-8	-2



HUDSON 71-014 DAY 121 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.	
0000	43	9.0	65 30.5	87	55871	97	70	-24	-18
0010	43	8.9	65 27.6	106	55884	122	70	-27	-19
0020	43	8.8	65 24.7	109	55883	134	70	-23	-15
0030	43	8.7	65 21.8	102	55950	213	70	-17	-9
0040	43	8.6	65 18.9	120	55836	111	70	-6	2
0050	43	8.5	65 16.0	*	55761	48	70	-3	*
0110	43	4.6	65 15.7	142	55806	116	*	*	*
0120	43	4.4	65 19.1	122	55841	138	*	*	*
0130	43	4.2	65 22.5	118	55869	153	*	*	*
0140	43	4.3	65 25.5	109	55923	195	*	*	*
0150	43	4.3	65 28.6	128	55812	71	-72	-16	-7
0200	43	4.4	65 31.6	124	55914	161	-72	-15	-6
0210	43	4.5	65 34.7	129	55887	121	-72	-9	0
0220	43	4.6	65 37.7	87	55845	67	-72	-4	1
0230	43	4.6	65 40.8	87	55833	42	-72	0	5
0240	43	4.7	65 43.8	89	55794	-8	-72	2	8
0250	43	4.8	65 46.8	91	55723	-92	-72	3	9
0300	43	4.9	65 49.9	91	55768	-59	-72	5	11
0310	43	4.9	65 52.9	84	55826	-13	-72	4	9
0320	43	5.0	65 56.0	87	55882	29	*	*	*
0330	43	5.1	65 59.0	84	55952	87	*	*	*
0340	43	5.2	66 2.6	109	55953	73	-85	-14	-6
0350	43	5.3	66 6.2	106	56055	160	-85	-15	-7
0400	43	5.4	66 9.8	87	55931	22	-85	-15	-9
0410	43	5.5	66 13.4	102	55972	48	-85	-19	-11
0420	43	5.7	66 17.0	84	55961	22	-85	-18	-12
0430	43	5.8	66 20.6	98	55944	-8	*	*	*
0440	43	5.9	66 23.7	109	56025	59	-72	0	7
0450	43	6.1	66 26.7	106	56073	94	-72	5	12
0500	43	6.2	66 29.8	102	56099	108	-72	10	17
0510	43	6.3	66 32.9	102	56087	83	-72	16	23
0520	43	6.5	66 35.9	106	55956	-60	-72	18	25
0530	43	6.6	66 39.0	135	55975	-53	-72	17	26
0540	43	6.7	66 42.1	102	55979	-62	-72	21	28
0550	43	6.9	66 45.1	131	55932	-121	-72	22	31
0600	43	7.0	66 48.2	171	55867	-199	-72	18	29
0610	43	7.1	66 51.3	162	55895	-183	-72	17	28
0620	43	7.3	66 54.3	160	55856	-235	-72	19	30
0630	43	7.4	66 57.4	160	55833	-270	-72	20	31
0640	43	7.4	67 .5	171	55859	-256	-72	17	28
0650	43	7.4	67 3.5	175	55898	-228	-72	16	28
0700	43	7.4	67 6.6	171	55892	-246	-72	17	28
0710	43	7.2	67 9.7	179	55963	-186	-72	15	27
0720	43	7.0	67 12.7	190	55899	-260	-72	15	28
0730	43	6.8	67 15.8	168	55943	-227	-72	16	27
0740	43	6.6	67 18.9	164	55966	-214	-72	17	28
0750	43	6.4	67 21.9	168	56040	-151	-72	16	27
0800	43	6.2	67 25.0	182	56166	-35	*	*	*
0810	43	5.7	67 27.8	208	56211	1	-67	15	29
0820	43	5.3	67 30.7	208	56373	155	-67	13	27

HUDSON 71-014 DAY 121 1971

TIME	LATITUDE		LONGITUDE		BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0830	43	4.8	67	33.5	201	56239	13	-67	11	24
1030	43	0	67	26.2	223	56110	-62	*	*	*
1040	43	0	67	23.0	226	55979	-181	78	14	29
1050	43	0	67	19.7	228	56077	-71	78	18	33
1100	43	0	67	16.5	201	56007	-128	*	*	*
1110	42	59.9	67	13.6	201	55960	-164	70	11	24
1120	42	59.8	67	10.7	256	56095	-17	70	4	21
1130	42	59.7	67	7.8	204	55947	-154	70	7	21
1140	42	59.6	67	5.0	201	55914	-175	70	6	19
1150	42	59.5	67	2.1	210	55998	-80	70	13	27
1200	42	59.4	66	59.2	199	55991	-75	*	*	*
1210	42	59.4	66	55.9	138	55891	-163	81	34	43
1220	42	59.5	66	52.5	153	55895	-146	81	31	41
1230	42	59.5	66	49.2	155	55888	-141	*	*	*
1240	42	59.5	66	46.0	177	55941	-76	77	18	30
1250	42	59.6	66	42.9	193	55908	-97	77	17	30
1300	42	59.6	66	39.7	146	55904	-89	77	27	37
1310	42	59.6	66	36.5	160	55799	-182	77	18	29
1320	42	59.7	66	33.4	149	55836	-133	77	15	25
1330	42	59.7	66	30.2	120	55860	-96	*	*	*
1340	42	59.9	66	27.1	106	55930	-15	75	3	10
1350	43	.0	66	24.0	113	55939	4	75	-3	4
1400	43	.2	66	20.9	131	55962	38	75	-8	1
1410	43	.4	66	17.8	120	55853	-59	75	-10	-1
1420	43	.5	66	14.6	98	55981	79	75	-9	-2
1430	43	.7	66	11.5	117	55873	-16	75	-6	2
1440	43	.9	66	8.4	128	55903	24	75	-4	4
1450	43	1.0	66	5.3	106	55936	68	75	0	7
1500	43	1.2	66	2.2	106	55858	1	*	*	*
1510	43	1.3	65	59.6	109	55825	-21	63	-6	1
1520	43	1.3	65	57.0	106	55801	-35	63	-1	6
1530	43	1.4	65	54.4	103	55794	-32	*	*	*
1540	43	1.5	65	51.8	117	55719	-97	62	-1	7
1550	43	1.5	65	49.3	106	55777	-29	62	0	7
1600	43	1.6	65	46.7	124	55538	-259	62	-1	7
1610	43	1.7	65	44.1	131	55538	-249	62	-1	8
1620	43	1.7	65	41.6	138	55784	6	62	-6	3
1630	43	1.8	65	39.0	117	55759	-8	*	*	*
1640	43	1.7	65	36.1	138	55897	141	71	-7	2
1650	43	1.7	65	33.1	109	55958	214	71	-9	-1
1700	43	1.6	65	30.2	109	56006	274	71	-10	-2
1710	43	1.6	65	27.3	117	55906	186	71	-9	0
1720	43	1.5	65	24.3	118	55949	241	71	-8	0
1730	43	1.5	65	21.4	135	55983	286	71	-6	3
1740	43	1.5	65	18.5	146	55910	225	71	0	10
1750	43	1.4	65	15.6	157	55913	240	71	0	10
1800	43	.7	65	13.5	164	55997	337	*	*	*
1810	42	58.5	65	13.3	164	56046	398	*	*	*
1820	42	56.3	65	13.2	164	56000	365	*	*	*
1830	42	54.1	65	13.0	160	55910	288	*	*	*

HUDSON 71-014 DAY 121 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1840	42 54.2	65 15.9	160	55903	269	*	*	*
1850	42 54.2	65 18.8	153	55943	297	*	*	*
1900	42 54.3	65 21.7	146	55976	318	*	*	*
1910	42 54.3	65 24.6	138	55985	315	-68	8	17
1920	42 54.4	65 27.5	135	55920	238	-68	6	15
1930	42 54.4	65 30.3	128	55898	205	-68	3	11
1940	42 54.4	65 33.2	124	55912	207	-68	4	12
1950	42 54.5	65 36.1	122	55905	188	-68	8	16
2000	42 54.5	65 39.0	133	55890	162	*	*	*
2010	42 54.4	65 41.5	135	55845	108	-59	11	20
2020	42 54.3	65 43.9	135	55865	118	-59	10	19
2030	42 54.2	65 46.4	146	55855	99	*	*	*
2040	42 56.0	65 48.5	162	56158	384	*	*	*
2050	42 56.1	65 51.3	151	56895	1109	*	*	*
2100	42 56.2	65 54.2	131	*	*	*	*	*
2110	42 56.3	65 57.0	149	55811	2	-66	10	20
2120	42 56.3	65 59.8	131	55767	-52	-66	5	14
2130	42 56.4	66 2.6	146	55967	135	*	*	*
2140	42 56.4	66 5.8	131	55872	27	-76	-10	0
2150	42 56.5	66 9.0	117	55842	-14	-76	-14	-5
2200	42 56.5	66 12.2	135	56085	215	*	*	*
2210	42 56.4	66 15.0	142	55946	66	-65	-13	-3
2220	42 56.4	66 17.7	131	55833	-57	-65	-16	-6
2230	42 56.3	66 20.4	118	55992	91	-65	-9	0
2240	42 56.2	66 23.2	122	56043	132	-65	-4	4
2250	42 56.2	66 25.9	122	56069	147	-65	-5	3
2300	42 56.1	66 28.7	129	56073	141	*	*	*
2310	42 55.9	66 31.6	137	56066	124	-68	4	13
2320	42 55.7	66 34.5	182	56091	139	-68	14	26
2330	42 55.5	66 37.3	201	55927	-34	-68	19	32
2340	42 55.4	66 40.2	197	55836	-135	-68	24	37
2350	42 55.2	66 43.1	197	55878	-104	-68	24	37

HUDSON 71-014 DAY 122 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0000	42 55.0	66 46.0	190	55922	-70	-63	29	42
0010	42 55.0	66 48.6	190	55926	-76	-63	26	39
0020	42 55.1	66 51.3	168	55909	-103	-63	28	39
0030	42 55.1	66 53.9	168	55977	-46	-63	31	42
0040	42 55.1	66 56.5	188	56129	95	-63	30	42
0050	42 55.2	66 59.2	234	55942	-101	-63	32	48
0100	42 55.2	67 1.8	215	56018	-35	*	*	*
0110	42 55.1	67 4.8	223	55791	-273	-70	16	31
0120	42 55.1	67 7.7	248	55847	-228	-70	13	30
0130	42 55.0	67 10.7	*	55942	-144	-70	11	*
0140	42 54.9	67 13.7	*	55976	-121	-70	11	*
0150	42 54.9	67 16.6	*	55899	-209	-70	7	*
0200	42 54.8	67 19.6	*	55976	-143	0	0	*
0210	42 54.9	67 22.6	*	55918	-213	-72	4	*
0220	42 55.0	67 25.7	241	55959	-184	-72	2	18
0230	42 55.2	67 28.8	237	55973	-182	-72	1	17
0240	42 55.3	67 31.8	228	55891	-276	-72	-1	14
0250	42 55.4	67 34.8	212	55929	-250	-72	-7	7
0300	42 55.5	67 37.9	212	55930	-261	*	*	*
0310	42 55.7	67 40.8	197	56069	-134	*	*	*
0320	42 54.7	67 42.1	201	56080	-122	*	*	*
0330	42 52.5	67 41.6	212	56023	-166	*	*	*
0340	42 51.0	67 40.4	197	56035	-141	*	*	*
0350	42 50.9	67 37.5	223	55985	-179	*	*	*
0400	42 50.8	67 34.5	223	55988	-165	*	*	*
0410	42 50.7	67 31.6	230	55937	-204	*	*	*
0420	42 50.6	67 28.6	224	55931	-199	72	7	22
0430	42 50.5	67 25.7	219	55920	-198	72	18	33
0440	42 50.4	67 22.7	201	56034	-72	72	14	27
0450	42 50.4	67 19.8	204	55902	-193	72	18	32
0500	42 50.3	67 16.8	223	55983	-100	72	16	31
0510	42 50.2	67 13.9	212	55917	-155	72	16	30
0520	42 50.1	67 10.9	223	55885	-175	72	20	35
0530	42 50.0	67 8.0	215	55903	-145	*	*	*
0540	42 49.9	67 5.2	201	55863	-174	69	27	40
0550	42 49.9	67 2.3	201	55785	-241	69	23	36
0600	42 49.8	66 59.5	182	55809	-206	69	25	37
0610	42 49.7	66 56.7	193	55779	-225	69	25	38
0620	42 49.7	66 53.8	197	55989	-3	69	23	36
0630	42 49.6	66 51.0	182	55900	-81	*	*	*
0640	42 49.6	66 48.2	201	55773	-197	67	14	27
0650	42 49.5	66 45.5	215	55737	-222	67	14	28
0700	42 49.5	66 42.7	204	55768	-181	67	25	39
0710	42 49.4	66 40.0	179	55811	-127	67	28	40
0720	42 49.4	66 37.2	171	55794	-133	67	28	39
0730	42 49.3	66 34.5	159	55784	-132	67	19	29
0740	42 49.3	66 31.7	149	55732	-173	67	18	28
0750	42 49.2	66 29.0	135	55716	-178	67	11	20
0800	42 50.3	66 26.5	131	55917	25	*	*	*
0810	42 51.8	66 24.0	146	55848	-41	59	0	10

HUDSON 71-014 DAY 122 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	42 53.2	66 21.6	135	56007	119	*	*	*
0830	42 53.1	66 18.5	160	55807	-68	*	*	*
0840	42 53.1	66 15.5	142	55951	87	74	-12	-2
0850	42 53.0	66 12.4	160	55910	59	74	-14	-2
0900	42 52.9	66 9.4	157	55976	137	74	-8	2
0910	42 52.8	66 6.3	149	55881	54	74	-2	8
0920	42 52.8	66 3.2	149	55756	-57	74	1	11
0930	42 52.7	66 .2	153	55950	148	74	-2	8
0940	42 52.6	65 57.1	135	55987	197	*	*	*
0950	42 53.4	65 54.7	142	55900	116	*	*	*
1000	42 54.9	65 52.8	164	55908	123	*	*	*
1010	42 55.4	65 50.3	164	56117	339	*	*	*
1020	42 55.1	65 47.2	157	55890	126	77	4	14
1030	42 54.7	65 44.0	146	55902	153	77	6	16
1040	42 54.4	65 40.8	135	55836	101	77	6	15
1050	42 54.0	65 37.7	135	55863	143	77	8	17
1100	42 53.7	65 34.5	120	55899	193	77	5	13
1110	42 53.5	65 31.3	128	55872	180	77	7	15
1120	42 53.2	65 28.2	131	55875	197	77	10	19
1130	42 53.0	65 25.0	*	55883	219	0	0	*
1140	42 52.8	65 22.0	*	55892	241	73	14	*
1150	42 52.6	65 18.9	*	55845	207	73	19	*
1200	42 52.4	65 15.9	*	55802	178	73	23	*
1210	42 51.3	65 14.4	*	55808	196	0	0	*
1220	42 50.2	65 15.8	142	55775	163	*	*	*
1230	42 50.2	65 18.5	137	55744	121	*	*	*
1240	42 50.2	65 21.1	128	55736	103	*	*	*
1250	42 50.1	65 23.7	138	55754	111	-62	23	32
1300	42 50.1	65 26.3	129	55777	124	-62	22	30
1310	42 50.1	65 28.9	129	55787	123	-62	18	26
1320	42 50.0	65 31.6	131	55836	162	-62	16	25
1330	42 50.0	65 34.2	135	55878	194	-62	13	22
1340	42 50.0	65 36.8	131	55890	196	-62	8	17
1350	42 49.9	65 39.4	126	55885	181	-62	8	16
1400	42 49.9	65 42.0	117	55914	199	*	*	*
1410	42 49.7	65 44.8	104	55770	45	-66	4	11
1420	42 49.5	65 47.5	98	55828	94	-66	7	13
1430	42 49.3	65 50.3	91	55878	134	-66	6	12
1440	42 49.1	65 53.1	85	55913	159	-66	5	10
1450	42 48.9	65 55.8	80	56028	264	-66	-3	2
1500	42 48.7	65 58.6	76	56044	270	*	*	*
1510	42 48.8	66 1.6	65	56044	258	-71	-10	-5
1520	42 48.8	66 4.5	67	55998	200	-71	-7	-2
1530	42 48.9	66 7.5	58	55912	102	-71	-8	-4
1540	42 49.0	66 10.5	54	55982	160	-71	-11	-7
1550	42 49.0	66 13.4	40	55967	133	-71	-8	-5
1600	42 49.1	66 16.4	47	55842	-3	*	*	*
1610	42 49.2	66 19.2	49	55822	-34	-67	4	7
1620	42 49.2	66 22.1	87	55775	-92	-67	1	6
1630	42 49.3	66 24.9	106	55903	23	-67	3	10

HUDSON 71-014 DAY 122 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1640	42 49.3	66 27.7	124	56021	130	-67	11	19
1650	42 49.8	66 29.9	146	55737	-164	*	*	*
1700	42 52.0	66 29.2	*	55980	69	0	0	*
1710	42 54.2	66 28.5	*	56040	119	17	0	*
1720	42 56.4	66 27.8	*	56057	127	17	0	*
1730	42 58.6	66 27.1	*	56017	78	17	0	*
1740	43 .8	66 26.4	*	55971	22	17	-3	*
1750	43 2.9	66 25.7	*	55993	35	17	-2	*
1800	43 5.1	66 25.0	*	55908	-58	17	-4	*
1810	43 7.3	66 24.3	*	56114	138	17	-4	*
1820	43 9.5	66 23.6	*	56144	159	17	-6	*
1830	43 11.7	66 22.9	*	56207	212	17	1	*
1840	43 13.8	66 23.8	*	56264	255	-54	0	*
1850	43 15.8	66 26.1	*	56313	284	-54	0	*
1900	43 17.8	66 28.4	*	56338	289	0	0	*
1910	43 19.4	66 30.5	*	56245	180	-50	20	*
1920	43 21.0	66 32.7	98	56048	-33	-50	21	27
1930	43 22.6	66 34.8	106	55996	-102	*	*	*
1940	43 24.3	66 36.7	107	56015	-99	*	*	*
1950	43 26.0	66 38.5	124	56037	-93	*	*	*
2000	43 27.7	66 40.4	138	56032	-115	-43	29	38
2010	43 29.4	66 42.3	142	56031	-132	-43	29	38
2020	43 31.1	66 44.1	148	56036	-143	-43	32	42
2030	43 32.8	66 46.0	117	56040	-155	*	*	*
2040	43 34.6	66 48.3	131	56071	-142	-54	24	33
2050	43 36.3	66 50.7	124	56118	-113	-54	23	31
2100	43 38.1	66 53.0	102	56175	-75	-54	24	31
2110	43 39.8	66 55.3	*	56249	-19	-54	19	*
2120	43 41.6	66 57.7	*	56235	-51	-54	14	*
2130	43 43.3	67 0	*	56326	22	0	0	*
2140	43 44.7	67 2.2	*	56246	-73	-51	13	*
2150	43 46.1	67 4.5	*	56284	-51	-51	12	*
2200	43 47.5	67 6.7	*	56248	-103	-51	9	*
2210	43 49.0	67 8.9	155	56323	-44	-51	14	24
2220	43 50.4	67 11.2	146	56192	-190	-51	25	35
2230	43 51.8	67 13.4	144	56358	-40	*	*	*
2240	43 53.1	67 13.7	157	56365	-41	*	*	*
2250	43 54.5	67 14.0	184	56352	-62	*	*	*
2300	43 55.8	67 14.3	202	56342	-80	*	*	*
2310	43 57.1	67 14.6	197	56280	-150	-6	17	30
2320	43 58.4	67 14.9	157	56398	-40	-6	23	33
2330	43 59.8	67 15.2	171	56557	110	-6	22	33
2340	44 1.1	67 15.6	188	56320	-134	-6	6	18
2350	44 2.4	67 15.9	193	56304	-158	-6	4	17

HUDSON 71-014 DAY 123 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	44 3.8	67 16.2	208	56332	-138	-6	9	23
0010	44 5.1	67 16.5	190	56492	13	-6	18	31
0020	44 6.4	67 16.8	201	56420	-65	-6	24	37
0030	44 7.7	67 17.1	111	56467	-26	-6	33	40
0040	44 9.1	67 17.4	126	56543	41	-6	28	36
0050	44 10.4	67 17.7	120	56494	-15	-6	20	28
0100	44 11.7	67 18.0	102	56733	215	-6	17	24
0110	44 13.0	67 18.3	87	56572	46	*	*	*
0120	44 14.4	67 18.7	87	56374	-158	*	*	*
0130	44 15.7	67 19.0	76	56390	-150	*	*	*
0140	44 17.0	67 19.3	82	56378	-170	*	*	*
0150	44 18.4	67 19.6	67	56360	-196	-6	13	18
0200	44 19.7	67 19.9	45	56429	-135	-6	28	32
0210	44 21.0	67 20.2	73	56401	-170	-6	29	35
0220	44 22.3	67 20.5	60	56461	-118	*	*	*
0230	44 23.7	67 20.8	60	56445	-142	*	*	*
0240	44 25.0	67 21.1	82	56343	-251	-6	25	31
0250	44 26.3	67 21.4	65	56389	-213	-6	25	30
0300	44 27.1	67 21.4	51	56381	-225	*	*	*
0310	44 27.4	67 21.1	76	56414	-192	*	*	*
0320	44 27.7	67 20.7	78	56447	-159	7	28	33
0330	44 28.0	67 20.4	65	56383	-223	*	*	*
0340	44 28.6	67 19.5	54	56377	-229	20	33	36
0350	44 29.3	67 18.6	73	56382	-224	20	29	34
0400	44 29.9	67 17.7	67	56400	-206	20	26	30
0410	44 30.6	67 16.8	71	*	*	20	26	30
0420	44 31.2	67 15.9	74	56377	-228	20	24	29
0430	44 31.9	67 15.0	*	56384	-221	0	0	*
0440	44 32.7	67 14.0	*	56384	-221	23	21	*
0450	44 33.4	67 13.0	*	56387	-218	23	20	*
0500	44 34.2	67 12.0	*	56404	-201	0	0	*
0510	44 35.0	67 11.0	*	56439	-166	22	16	*
0520	44 35.7	67 10.1	*	56502	-103	22	19	*
0530	44 36.5	67 9.1	*	56506	-99	0	0	*
0540	44 37.4	67 7.9	*	56475	-130	27	22	*
0550	44 38.2	67 6.7	*	56481	-124	27	0	*
0600	44 39.1	67 5.5	*	56499	-105	27	0	*
0610	44 40.0	67 4.3	76	56492	-112	*	*	*
0620	44 40.9	67 3.1	82	56463	-141	*	*	*
0630	44 41.7	67 1.9	82	56454	-150	*	*	*
0640	44 42.6	67 .7	76	56452	-151	*	*	*
0650	44 43.5	66 59.5	84	56464	-139	*	*	*
0700	44 44.4	66 58.3	84	56488	-115	*	*	*
0710	44 45.3	66 56.9	87	56507	-95	*	*	*
0720	44 46.3	66 55.4	102	56524	-77	*	*	*
0730	44 47.2	66 54.0	91	56557	-43	*	*	*
0740	44 48.2	66 52.6	93	56554	-45	*	*	*
0750	44 49.2	66 51.1	102	56545	-53	*	*	*
0800	44 50.1	66 49.7	109	56544	-53	*	*	*
0810	44 51.0	66 48.3	138	56539	-57	*	*	*

HUDSON 71-014 DAY 123 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	44 51.8	66 46.9	142	56541	-54	*	*	*
0830	44 52.7	66 45.5	144	56544	-50	*	*	*
0840	44 53.6	66 45.0	109	56627	30	*	*	*
0850	44 54.6	66 45.4	91	56583	-19	*	*	*
0900	44 55.6	66 45.8	71	56651	41	*	*	*
0910	44 56.1	66 46.8	87	56643	27	*	*	*
0920	44 56.6	66 47.9	*	56668	46	-23	0	*
0930	44 57.2	66 48.9	*	56711	82	-23	0	*
0940	44 57.7	66 50.0	*	56756	121	-23	0	*
0950	44 58.2	66 51.0	*	56811	169	-23	0	*
1000	44 57.6	66 50.3	95	56762	126	*	*	*
1010	44 56.7	66 49.4	100	56728	100	*	*	*
1020	44 55.8	66 48.4	113	56692	71	*	*	*
1030	44 54.9	66 47.5	109	56668	55	*	*	*
1040	44 54.3	66 46.7	109	56648	41	*	*	*
1050	44 53.6	66 46.0	131	56610	9	*	*	*
1100	44 53.0	66 45.2	118	56543	-51	*	*	*
1110	44 53.6	66 44.3	128	56545	-48	*	*	*
1120	44 54.2	66 43.4	148	56521	-72	*	*	*
1130	44 54.8	66 42.5	131	56502	-90	*	*	*
1140	44 52.7	66 41.6	124	56496	-83	*	*	*
1150	44 50.6	66 40.6	109	56524	-41	*	*	*
1200	44 48.5	66 39.7	109	56523	-28	*	*	*
1210	44 47.5	66 38.7	109	56558	14	*	*	*
1220	44 46.5	66 37.8	115	56395	-140	*	*	*
1230	44 45.6	66 36.8	122	56497	-29	*	*	*
1240	44 44.6	66 35.8	131	56462	-56	*	*	*
1250	44 43.6	66 34.9	144	56428	-81	22	-5	4
1300	44 42.6	66 33.9	155	56425	-76	*	*	*
1310	44 41.7	66 32.8	168	56407	-85	24	-2	9
1320	44 40.7	66 31.8	177	56399	-85	24	-2	10
1330	44 39.8	66 30.7	190	56388	-87	24	-1	12
1340	44 38.9	66 29.6	201	56367	-99	24	-1	12
1350	44 37.9	66 28.6	204	56356	-102	24	0	14
1400	44 37.0	66 27.5	204	56341	-108	*	*	*
1410	44 35.8	66 26.6	202	56331	-109	20	-1	12
1420	44 34.7	66 25.7	202	56321	-110	20	-1	12
1430	44 33.5	66 24.9	202	56312	-110	20	-2	11
1440	44 32.3	66 24.0	193	56300	-113	20	0	13
1450	44 31.2	66 23.1	182	56287	-117	*	*	*
1500	44 30.0	66 22.2	160	56280	-114	*	*	*
1510	44 28.9	66 21.1	157	56286	-99	25	5	15
1520	44 27.8	66 20.0	159	56289	-86	25	3	13
1530	44 26.7	66 18.9	149	56258	-107	*	*	*
1540	44 25.9	66 17.8	124	56265	-92	26	4	12
1550	44 25.1	66 16.6	115	56246	-103	26	8	15
1600	44 24.3	66 15.5	80	56267	-73	*	*	*
1610	44 25.5	66 14.8	80	56263	-81	*	*	*
1620	44 26.8	66 14.2	98	56256	-91	*	*	*
1630	44 28.0	66 13.5	98	56290	-61	*	*	*



HUDSON 71-014 DAY 123 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1640	44 29.2	66 12.1	96	56305	-46	*	*	*
1650	44 30.4	66 10.6	106	56318	-34	33	0	7
1700	44 31.6	66 9.2	89	56345	-7	*	*	*
1710	44 32.7	66 7.1	89	56396	46	*	*	*
1720	44 33.8	66 5.0	84	56396	48	*	*	*
1730	44 35.3	66 3.3	84	56424	76	*	*	*
1740	44 36.2	66 4.4	76	56405	49	*	*	*
1750	44 37.0	66 5.5	*	56415	50	-24	1	*
1800	44 37.9	66 6.5	*	56405	32	-24	0	*
1810	44 38.7	66 7.6	*	56361	-19	-24	3	*
1820	44 39.6	66 8.7	*	56370	-19	-24	3	*
1830	44 40.4	66 9.8	*	56374	-23	-24	5	*
1840	44 41.3	66 10.8	*	56376	-29	-24	1	*
1850	44 42.1	66 11.9	*	56368	-46	-24	1	*
1900	44 43.0	66 13.0	*	56366	-56	0	0	*
1910	44 44.0	66 13.9	*	56385	-46	-20	-3	*
1920	44 45.0	66 14.9	*	56404	-35	-20	-4	*
1930	44 46.0	66 15.8	135	56417	-30	*	*	*
1940	44 46.9	66 17.0	131	56430	-26	-27	-9	0
1950	44 47.7	66 18.2	131	56433	-32	-27	-9	0
2000	44 48.6	66 19.5	131	56446	-28	-27	-9	0
2010	44 49.5	66 20.7	129	56451	-32	-27	-10	-1
2020	44 50.3	66 21.9	128	56463	-29	-27	-11	-2
2030	44 51.2	66 23.1	128	56471	-30	*	*	*
2040	44 52.0	66 24.3	124	56453	-56	-28	-14	-5
2050	44 52.9	66 25.6	120	56544	25	-28	-15	-6
2100	44 53.7	66 26.8	113	56500	-27	-28	-16	-8
2110	44 54.5	66 28.1	106	56517	-19	*	*	*
2120	44 55.4	66 29.4	93	56509	-35	-27	-19	-12
2130	44 56.2	66 30.6	80	56502	-51	*	*	*
2140	44 56.9	66 31.9	69	56356	-206	-29	-20	-15
2150	44 57.6	66 33.3	64	56583	12	-29	-18	-13
2200	44 58.3	66 34.6	64	56542	-37	-29	-17	-12
2210	44 59.0	66 35.9	64	56574	-13	-29	-16	-11
2220	44 59.7	66 37.3	64	56508	-88	-29	-15	-10
2230	45 .4	66 38.6	69	56528	-76	-29	-14	-9
2240	45 1.1	66 39.9	64	56619	6	-29	-11	-6

HUDSON 71-014 DAY 124 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0830	44 54.6	65 36.7	76	56286	-50	-21	3	8
0840	44 55.4	65 37.7	69	56299	-45	-21	0	4
0850	44 56.2	65 38.6	87	56274	-77	-21	1	6
0900	44 57.0	65 39.6	91	56285	-74	*	*	*
0910	44 57.9	65 40.5	91	56303	-64	-19	2	8
0920	44 58.9	65 41.3	87	56310	-65	-19	0	5
0930	44 59.8	65 42.2	87	56309	-73	*	*	*
0940	45 .5	65 43.3	87	56310	-80	-23	-5	0
0950	45 1.3	65 44.3	87	56310	-88	-23	-11	-5
1000	45 2.0	65 45.4	91	56316	-89	-23	-9	-2
1010	45 2.7	65 46.5	87	56307	-106	-23	-8	-2
1020	45 3.5	65 47.5	87	56309	-112	-23	-8	-2
1030	45 4.2	65 48.6	84	56321	-107	-23	-8	-2
1040	45 4.9	65 49.6	84	56323	-113	-23	-7	-1
1050	45 5.7	65 50.7	87	56336	-107	-23	-7	-1
1100	45 6.4	65 51.7	91	56371	-80	*	*	*
1110	45 6.9	65 53.3	84	56385	-74	*	*	*
1120	45 7.3	65 54.9	67	56424	-44	*	*	*
1130	45 7.8	65 56.5	67	56427	-49	*	*	*
1140	45 8.1	65 57.9	71	56447	-36	-31	1	5
1150	45 8.5	65 59.3	67	56399	-91	-31	4	8
1200	45 8.8	66 .7	62	56341	-156	*	*	*
1210	45 9.2	66 2.2	54	56357	-148	-33	1	4
1220	45 9.6	66 3.7	40	56321	-192	-33	6	8
1230	45 10.1	66 5.2	34	56421	-100	-33	9	11
1240	45 10.5	66 6.7	29	56609	80	*	*	*
1250	45 10.9	66 6.8	29	56688	156	*	*	*
1300	45 11.3	66 5.5	23	56570	42	*	*	*
1310	45 11.7	66 4.2	23	56465	-59	*	*	*
1320	45 11.2	66 2.1	32	56325	-189	*	*	*
1330	45 10.8	66 0	45	56317	-186	*	*	*
1340	45 10.3	65 57.9	58	56300	-193	47	10	13
1350	45 9.8	65 55.8	62	56322	-161	*	*	*
1400	45 10.4	65 54.8	54	56323	-159	*	*	*
1410	45 11.0	65 53.4	51	56385	-94	*	*	*
1420	45 11.6	65 52.1	51	56419	-57	*	*	*
1430	45 12.2	65 50.7	47	56443	-31	30	5	8
1440	45 12.1	65 49.7	58	56444	-26	*	*	*
1450	45 11.4	65 49.1	62	56451	-13	*	*	*
1500	45 10.6	65 48.5	62	56428	-30	*	*	*
1510	45 9.8	65 47.6	62	56391	-60	20	-1	3
1520	45 9.0	65 46.7	67	56386	-57	20	-1	3
1530	45 8.2	65 45.8	73	56370	-66	*	*	*
1540	45 7.6	65 44.9	69	56364	-66	19	-10	-5
1550	45 6.9	65 44.1	74	56343	-80	19	-11	-5
1600	45 6.3	65 43.2	76	56329	-88	*	*	*
1610	45 5.7	65 42.2	78	56322	-88	22	-10	-4
1620	45 5.0	65 41.2	82	*	*	*	*	*
1630	45 4.4	65 40.2	80	56322	-74	22	-9	-3
2200	45 12.0	65 22.8	53	56432	68	-24	-11	-7

HUDSON 71-014 DAY 124 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2210	45 12.6	65 23.9	56	56450	78	-24	-9	-5
2220	45 13.2	65 25.0	54	56470	91	-24	-5	-1
2230	45 13.8	65 26.1	54	56480	94	-24	-1	2
2240	45 14.5	65 27.2	53	56444	51	-24	1	4
2250	45 15.1	65 28.3	51	56327	-73	-24	0	3
2300	45 15.8	65 29.4	53	56271	-136	-24	-1	2
2310	45 16.5	65 30.5	53	56293	-122	-24	0	3
2320	45 17.1	65 31.6	45	56305	-117	-24	3	6
2330	45 17.8	65 32.7	38	56356	-73	*	*	*
2340	45 17.6	65 31.5	43	56356	-68	*	*	*
2350	45 17.5	65 30.3	43	56357	-61	*	*	*

HUDSON 71-014 DAY 125 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0000	45 17.3	65 29.1	42	56369	-44	*	*	*
0010	45 17.2	65 27.8	38	56396	-11	*	*	*
0020	45 17.0	65 26.6	42	56403	0	*	*	*
0030	45 16.8	65 25.4	51	56398	1	*	*	*
0040	45 16.7	65 24.2	53	56404	12	*	*	*
0050	45 16.5	65 23.0	54	56401	15	27	-13	-9
0100	45 16.4	65 21.8	53	56396	15	27	-12	-8
0110	45 16.2	65 20.5	56	56397	22	27	-11	-7
0120	45 16.0	65 19.3	60	56409	39	27	-11	-6
0130	45 15.9	65 18.1	60	56439	75	27	-9	-4
0140	45 15.7	65 16.9	60	56458	100	27	-5	0
0150	45 15.6	65 15.7	60	56419	66	27	-3	1
0200	45 15.4	65 14.5	45	56643	296	27	0	3
0210	45 15.3	65 13.2	51	56501	159	27	-3	0
0220	45 15.1	65 12.0	60	56446	110	27	-6	-1
0230	45 14.9	65 10.8	64	56412	81	27	-5	0
0240	45 14.8	65 9.6	71	56336	11	27	-5	0
0250	45 14.6	65 8.4	54	56289	-29	27	-7	-3
0300	45 14.5	65 7.2	69	56303	-10	27	-4	0
0310	45 14.3	65 5.9	71	56297	-10	27	-7	-2
0320	45 14.1	65 4.7	62	56282	-20	27	-4	0
0330	45 14.0	65 3.5	64	56260	-36	27	-12	-7
0340	45 13.8	65 2.3	58	56232	-59	27	2	5
0350	45 13.7	65 1.1	56	56256	-29	27	-4	0
0400	45 13.5	64 59.9	43	56279	0	27	-8	-5
0410	45 13.3	64 58.6	40	56280	5	*	*	*
0420	45 13.2	64 57.4	36	56271	2	*	*	*
0430	45 13.0	64 56.2	36	56208	-55	*	*	*
0440	45 12.9	64 55.0	38	56217	-40	27	-21	-18
0450	45 12.7	64 53.8	38	56166	-85	27	-20	-17
0500	45 12.6	64 52.6	38	56177	-69	*	*	*
0510	45 12.4	64 51.3	38	56192	-48	*	*	*
0520	45 12.2	64 50.1	38	56175	-60	27	-26	-23
0530	45 12.1	64 48.9	38	56210	-19	*	*	*
0540	45 12.3	64 49.1	42	56203	-28	*	*	*
0550	45 13.0	64 50.6	47	56199	-41	*	*	*
0600	45 13.7	64 52.2	47	56218	-32	*	*	*
0610	45 14.4	64 53.7	45	56156	-103	-34	-25	-21
0620	45 15.1	64 55.3	47	56148	-121	-34	-19	-15
0630	45 15.8	64 56.8	40	56154	-124	*	*	*
0640	45 16.6	64 58.2	51	56207	-80	-30	-13	-9
0650	45 17.4	64 59.6	40	56370	72	-30	-9	-6
0700	45 18.2	65 1.0	51	56543	236	-30	-1	2
0710	45 19.0	65 2.4	51	56554	238	-30	-3	0
0720	45 19.8	65 3.8	47	56496	171	-30	-7	-3
0730	45 20.6	65 5.2	43	56419	84	*	*	*
0740	45 21.5	65 6.3	43	56400	57	-24	-14	-11
0750	45 22.3	65 7.5	43	56408	56	-24	-18	-15
0800	45 23.2	65 8.6	40	56421	61	-24	-21	-18
0810	45 24.0	65 9.7	43	*	*	*	*	*

HUDSON 71-014 DAY 125 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	45 24.9	65 10.8	40	56463	86	*	*	*
0830	45 25.7	65 12.0	36	56472	87	-24	-21	-18
0900	45 28.2	65 11.6	36	56484	89	*	*	*
0910	45 28.7	65 9.7	36	56490	100	*	*	*
0920	45 29.2	65 7.8	29	56487	103	42	-13	-11
0930	45 29.7	65 5.9	32	56483	104	42	-12	-9
0940	45 29.7	65 4.6	32	56482	108	*	*	*
0950	45 29.2	65 4.2	40	56468	98	*	*	*
1000	45 28.3	65 4.2	43	56452	86	*	*	*
1010	45 27.3	65 4.1	47	56438	77	0	-21	-17
1020	45 26.4	65 4.1	47	56420	63	0	-25	-21
1030	45 25.4	65 4.1	47	56406	54	0	-24	-20
1040	45 24.4	65 4.1	47	56396	48	0	-22	-18
1050	45 23.5	65 4.1	47	56390	46	0	-19	-15
1100	45 22.5	65 4.1	47	56394	55	0	-14	-10
1110	45 21.5	65 4.1	47	56399	64	0	-10	-6
1120	45 20.6	65 4.1	53	56424	94	0	-7	-3
1130	45 19.6	65 4.1	53	56483	157	0	-3	0
1140	45 18.6	65 4.1	54	56551	230	0	-4	0
1150	45 17.7	65 4.1	56	56589	272	0	-3	0
1200	45 16.7	65 4.1	65	56485	173	*	*	*
1210	45 15.8	65 4.3	65	56440	131	-3	-11	-6
1220	45 14.8	65 4.4	65	56400	95	-3	-7	-2
1230	45 13.9	65 4.6	67	56314	13	*	*	*
1240	45 12.9	65 4.7	58	56282	-14	-1	-9	-5
1250	45 11.8	65 4.7	67	56261	-30	-1	-11	-6
1300	45 10.8	65 4.8	69	56309	22	*	*	*
1310	45 9.7	65 5.1	69	56277	-5	-5	-10	-5
1320	45 8.9	65 6.3	69	56282	-1	*	*	*
1330	45 8.3	65 8.4	78	56303	13	*	*	*
1340	45 7.9	65 10.8	80	56276	-21	*	*	*
1350	45 7.5	65 13.2	91	56256	-48	*	*	*
1400	45 7.1	65 15.6	*	56251	-61	0	0	*
1410	45 6.8	65 17.3	*	56251	-67	-38	0	*
1450	45 9.4	65 19.9	64	56332	-8	*	*	*
1500	45 10.3	65 20.2	51	56366	20	*	*	*
1510	45 11.1	65 20.0	54	56379	30	*	*	*
1520	45 12.0	65 19.7	56	56372	20	*	*	*
1530	45 12.8	65 19.5	51	56510	155	*	*	*
1540	45 13.6	65 19.3	40	*	*	*	*	*
1550	45 14.5	65 19.0	49	56434	73	*	*	*
1600	45 15.3	65 18.8	51	56426	62	*	*	*
1610	45 16.2	65 18.6	51	56398	31	4	-30	-26
1620	45 17.0	65 18.4	51	56376	6	4	-31	-27
1630	45 17.9	65 18.2	54	56369	-4	*	*	*
1640	45 19.2	65 18.3	51	56379	0	-1	-17	-13
1650	45 20.4	65 18.4	47	56396	10	-1	-19	-15
1700	45 21.7	65 18.5	47	56408	16	*	*	*
1710	45 21.6	65 18.4	45	56421	29	*	*	*
1720	45 21.5	65 18.3	45	56433	42	*	*	*

HUDSON 71-014 DAY 125 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1730	45 21.3	65 18.3	45	56445	55	*	*	*
1740	45 21.2	65 18.2	51	56424	35	*	*	*
1750	45 21.1	65 18.1	51	56400	12	*	*	*
1800	45 20.3	65 19.8	47	*	*	*	*	*
1830	45 20.4	65 24.1	43	56367	-41	*	*	*
1840	45 20.5	65 25.5	42	56371	-42	*	*	*
1850	45 20.6	65 26.9	32	56368	-52	*	*	*
1900	45 20.6	65 27.3	32	56366	-55	*	*	*
1910	45 20.5	65 26.6	32	56379	-39	*	*	*
1920	45 20.3	65 26.0	29	56401	-14	*	*	*
1930	45 20.2	65 25.3	40	56390	-21	*	*	*
1940	45 19.2	65 27.6	40	56348	-68	*	*	*
1950	45 18.2	65 29.9	42	56338	-82	*	*	*
2000	45 17.2	65 32.2	40	56332	-93	*	*	*
2010	45 16.2	65 34.7	47	56305	-125	*	*	*
2020	45 15.2	65 37.1	49	56311	-124	*	*	*
2030	45 14.2	65 39.6	51	56400	-40	*	*	*
2040	45 13.1	65 41.8	56	56389	-54	-48	8	11
2050	45 12.1	65 44.0	53	56438	-9	*	*	*
2100	45 11.0	65 46.2	62	56395	-56	*	*	*
2110	45 9.9	65 48.4	62	56425	-29	-48	1	5
2120	45 8.9	65 50.6	62	56388	-70	-48	2	6
2130	45 7.8	65 52.8	65	56436	-26	*	*	*
2140	45 6.6	65 55.1	80	56400	-65	-50	-2	3
2150	45 5.5	65 57.4	87	56411	-57	-50	-2	3
2200	45 4.3	65 59.7	87	56378	-94	-50	-3	2
2210	45 3.1	66 1.9	87	56372	-103	-50	-4	1
2220	45 2.0	66 4.2	98	56371	-108	-50	-4	2
2230	45 .8	66 6.5	98	56378	-104	*	*	*
2240	44 59.9	66 8.9	100	56405	-82	-54	-5	1
2250	44 59.0	66 11.4	100	56423	-69	-54	-5	1
2300	44 58.1	66 13.8	102	56455	-43	-54	-5	2
2310	44 57.2	66 16.2	102	56472	-30	-54	-6	1
2320	44 56.2	66 18.7	109	56476	-31	*	*	*
2330	44 55.3	66 21.1	117	56469	-43	*	*	*
2340	44 54.3	66 23.4	120	56490	-27	-51	-20	-11
2350	44 53.3	66 25.7	120	56526	4	-51	-7	1

HUDSON 71-014 DAY 126 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	44 52.2	66 28.0	120	56531	5	-51	-6	2
0010	44 51.2	66 30.4	120	56483	-46	-51	-3	5
0020	44 50.2	66 32.7	120	56465	-68	-51	-3	5
0030	44 49.2	66 35.0	120	56492	-45	*	*	*
0350	44 46.6	66 37.8	117	*	*	*	*	*
0420	44 43.8	66 29.8	171	*	*	*	*	*
0430	44 42.8	66 27.2	171	*	*	*	*	*
0440	44 41.8	66 25.5	171	*	*	*	*	*
0450	44 41.1	66 26.5	179	*	*	*	*	*
0500	44 40.5	66 27.5	184	56395	-71	*	*	*
0510	44 39.6	66 28.5	193	56392	-73	*	*	*
0520	44 38.7	66 29.4	197	56393	-72	*	*	*
0530	44 37.8	66 30.4	204	56382	-82	*	*	*
0540	44 36.8	66 31.4	204	56378	-85	-22	4	18
0550	44 35.7	66 32.4	213	56374	-88	-22	1	15
0600	44 34.7	66 33.4	157	56371	-90	*	*	*
0610	44 33.8	66 34.1	171	56386	-73	-15	16	27
0620	44 32.9	66 34.7	107	56388	-69	-15	34	41
0630	44 32.0	66 35.4	91	56274	-181	*	*	*
0640	44 31.3	66 36.1	135	56219	-236	-17	34	43
0650	44 30.6	66 36.9	120	56333	-121	*	*	*
0700	44 29.6	66 37.8	120	56306	-146	-20	45	53
0710	44 28.8	66 38.9	87	56445	-8	*	*	*
0720	44 28.7	66 40.8	87	56195	-265	*	*	*
0730	44 28.2	66 43.4	131	56209	-258	*	*	*
0740	44 27.8	66 44.6	113	56244	-226	*	*	*
0750	44 27.4	66 45.8	135	56240	-232	*	*	*
0800	44 27.0	66 46.9	106	56260	-215	-27	28	35
0810	44 26.6	66 48.1	117	56296	-181	-27	27	35
0820	44 26.2	66 49.3	117	56256	-224	-27	24	32
0830	44 25.8	66 50.5	117	56233	-249	*	*	*
0840	44 25.3	66 51.5	113	56258	-226	*	*	*
0850	44 24.8	66 52.5	117	56233	-252	*	*	*
0900	44 23.2	66 51.6	124	56125	-349	*	*	*
0910	44 21.3	66 50.7	142	56241	-220	*	*	*
0920	44 19.4	66 49.9	193	56331	-117	20	-1	12
0930	44 17.5	66 49.0	190	56274	-162	*	*	*
0940	44 15.7	66 47.6	190	56309	-112	32	1	14
0950	44 14.0	66 46.2	190	56317	-90	32	4	17
1000	44 12.2	66 44.8	186	56326	-67	33	7	19
1010	44 10.4	66 43.4	149	56358	-21	33	14	24
1020	44 8.7	66 42.0	87	56333	-31	33	15	20
1030	44 6.9	66 40.6	69	56280	-70	*	*	*
1040	44 5.0	66 39.4	87	56276	-60	28	13	18
1050	44 3.1	66 38.2	107	56270	-52	28	16	23
1100	44 1.2	66 37.0	124	56280	-27	*	*	*
1110	43 59.2	66 37.2	117	56219	-79	-4	1	9
1120	43 57.1	66 37.4	129	56183	-105	-4	0	8
1130	43 55.1	66 37.6	102	56160	-119	*	*	*
1140	43 53.1	66 37.1	104	56149	-117	13	12	19

HUDSON 71-014 DAY 126 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1150	43 51.2	66 36.5	118	56146	-108	13	19	27
1200	43 49.2	66 36.0	111	56130	-112	13	21	28
1210	43 46.6	66 35.3	129	56145	-81	*	*	*
1220	43 44.7	66 33.6	113	56059	-150	*	*	*
1230	43 42.8	66 31.8	98	56045	-148	*	*	*
1240	43 41.0	66 29.8	102	56107	-69	47	33	40
1250	43 39.2	66 27.9	100	56065	-94	47	34	40
1300	43 37.4	66 25.9	93	55799	-343	47	33	39
1310	43 35.6	66 23.9	89	55956	-169	47	26	32
1320	43 33.8	66 22.0	78	*	*	47	25	30
1330	43 32.0	66 20.0	87	55817	-273	*	*	*
1340	43 30.4	66 18.1	69	56417	341	*	*	*
1350	43 28.9	66 16.3	89	55963	-96	*	*	*
1400	43 27.3	66 14.4	82	55807	-237	*	*	*
1410	43 25.3	66 12.7	65	55798	-229	40	6	10
1420	43 23.3	66 11.1	67	55954	-56	40	0	4
1430	43 21.3	66 9.4	69	55968	-24	*	*	*
1440	43 19.3	66 7.6	64	55996	20	42	-10	-5
1450	43 17.3	66 5.9	53	55934	-23	42	-18	-14
1500	43 15.3	66 4.1	76	56104	163	43	-20	-14
1510	43 13.4	66 2.3	74	55940	17	43	-22	-16
1520	43 11.4	66 .6	82	56354	449	43	-19	-13
1530	43 9.4	65 58.8	87	56010	122	*	*	*
1540	43 7.1	65 56.8	106	55856	-10	49	-6	1
1550	43 4.7	65 54.7	96	55813	-32	49	2	8
1600	43 2.4	65 52.7	109	55814	-11	50	10	17
1610	43 .1	65 50.6	129	55654	-150	50	12	20
1620	42 57.8	65 48.6	146	55600	-183	50	12	22
1630	42 55.5	65 46.5	175	56174	411	*	*	*
1640	42 57.0	65 43.6	164	55921	161	*	*	*
1650	42 58.5	65 40.7	148	55806	49	*	*	*
1700	43 0	65 37.8	135	55772	18	*	*	*
1710	43 1.3	65 35.4	146	55894	143	*	*	*
1720	43 2.7	65 33.0	142	55905	156	*	*	*
1730	43 4.0	65 30.6	129	55907	160	*	*	*
1740	43 5.9	65 28.1	124	55891	144	*	*	*
1750	43 7.8	65 25.7	109	55916	168	*	*	*
1800	43 9.7	65 23.2	107	55949	201	*	*	*
1810	43 11.3	65 21.0	100	55903	155	*	*	*
1820	43 13.0	65 18.8	128	55887	139	*	*	*
1830	43 14.6	65 16.6	142	55780	32	*	*	*
1840	43 16.3	65 14.1	157	55755	7	*	*	*
1850	43 18.0	65 11.6	155	55739	-7	*	*	*
1900	43 19.7	65 9.1	160	55788	42	*	*	*
1910	43 21.0	65 6.7	159	55894	150	*	*	*
1920	43 22.4	65 4.4	160	55859	118	56	-4	7
1930	43 23.7	65 2.1	162	55787	48	56	-2	9
1940	43 25.1	64 59.7	164	55745	8	56	0	11
1950	43 26.4	64 57.3	164	55745	10	56	0	11
2000	43 27.8	64 55.0	157	55742	10	*	*	*



HUDSON 71-014 DAY 126 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2010	43 29.3	64 52.8	135	55748	17	*	*	*
2020	43 30.7	64 50.5	120	55705	-24	*	*	*
2030	43 32.2	64 48.3	113	55679	-49	*	*	*
2040	43 33.6	64 45.9	142	55657	-68	58	2	11
2050	43 35.1	64 43.4	149	55659	-64	*	*	*
2100	43 36.5	64 41.0	153	55629	-92	*	*	*
2110	43 37.9	64 38.6	157	55599	-120	58	-4	6
2120	43 39.4	64 36.1	157	55583	-133	58	-8	2
2130	43 40.8	64 33.7	153	55739	24	*	*	*
2140	43 42.2	64 31.3	138	55598	-114	56	-12	-2
2150	43 43.7	64 29.0	159	55558	-152	56	-13	-2
2200	43 45.1	64 26.6	155	55538	-169	*	*	*
2210	43 46.5	64 24.3	153	55570	-135	55	-18	-7
2220	43 48.0	64 21.9	146	55724	20	55	-17	-6
2230	43 49.4	64 19.6	153	55721	19	*	*	*
2240	43 51.1	64 17.2	157	55691	-9	56	-19	-8
2250	43 52.7	64 14.9	160	55654	-45	56	-20	-8
2300	43 54.4	64 12.5	159	55699	0	*	*	*
2310	43 55.8	64 10.1	160	55652	-44	*	*	*
2320	43 57.3	64 7.7	153	55623	-71	*	*	*
2330	43 58.7	64 5.3	153	55608	-83	*	*	*
2340	44 .1	64 3.0	149	55614	-75	*	*	*
2350	44 1.6	64 .6	120	55656	-30	*	*	*

HUDSON 71-014 DAY 127 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	44 3.0	63 58.2	102	55812	127	*	*	*
0010	44 4.4	63 55.8	113	55816	134	*	*	*
0020	44 5.8	63 53.5	153	55633	-46	*	*	*
0030	44 7.2	63 51.1	148	55641	-35	*	*	*
0040	44 8.6	63 48.7	142	55675	0	*	*	*
0050	44 10.1	63 46.4	146	55704	32	55	-14	-3
0100	44 11.5	63 44.0	138	55500	-169	*	*	*
0110	44 13.0	63 41.7	128	55448	-219	54	-15	-6
0120	44 14.5	63 39.3	122	55500	-165	54	-19	-10
0130	44 15.9	63 37.0	124	55521	-141	54	-21	-12
0140	44 17.4	63 34.7	102	55534	-126	54	-21	-13
0150	44 18.9	63 32.3	58	55585	-73	54	-23	-19
0200	44 20.4	63 30.0	47	55407	-249	*	*	*
0210	44 21.9	63 28.1	104	*	*	*	*	*
0220	44 20.1	63 29.4	69	*	*	*	*	*
0230	44 18.4	63 30.7	60	55453	-196	*	*	*
0240	44 16.6	63 32.6	102	55788	140	*	*	*
0250	44 14.8	63 34.4	122	55486	-160	*	*	*
0300	44 13.0	63 36.3	131	55490	-155	*	*	*
0310	44 11.2	63 38.2	138	55524	-119	-43	-30	-20
0310	44 11.2	63 38.2	138	55524	-119	-43	-30	-20
0320	44 9.4	63 40.1	128	55608	-34	-43	-28	-19
0330	44 7.6	63 42.0	149	55487	-154	*	*	*
0340	44 5.8	63 44.1	157	55493	-147	-48	-28	-17
0350	44 3.9	63 46.3	164	55387	-252	-48	23	35
0400	44 2.1	63 48.4	166	*	*	*	*	*
0410	44 .3	63 50.4	179	55361	-277	-45	19	32
0420	43 58.5	63 52.4	171	55450	-187	-45	18	30
0430	43 56.7	63 54.4	168	55494	-142	-45	17	29
0440	43 55.0	63 54.1	175	55486	-140	*	*	*
0450	43 53.5	63 51.6	182	55501	-107	*	*	*
0500	43 52.0	63 49.0	202	55326	-263	*	*	*
0510	43 50.5	63 46.6	226	55298	-273	*	*	*
0520	43 48.9	63 44.1	237	55259	-294	57	-7	10
0530	43 47.4	63 41.7	241	55267	-268	57	-8	9
0540	43 45.9	63 39.3	237	55314	-203	57	-4	13
0550	43 44.4	63 36.9	224	55315	-184	57	2	18
0600	43 42.9	63 34.5	204	55322	-159	*	*	*
0610	43 41.5	63 32.2	197	55297	-167	55	13	27
0620	43 40.1	63 29.9	168	55305	-142	55	19	31
0630	43 38.7	63 27.6	138	55294	-136	55	23	33
0640	43 37.2	63 25.2	120	55267	-146	55	27	36
0650	43 35.8	63 22.9	120	55242	-154	55	26	35
0700	43 34.4	63 20.6	204	55234	-145	55	23	38
0710	43 33.0	63 18.3	212	55229	-132	55	19	34
0720	43 31.5	63 16.0	208	*	*	*	*	*
0730	43 31.3	63 13.2	215	55204	-127	*	*	*
0740	43 31.1	63 10.5	219	55185	-134	*	*	*
0750	43 32.1	63 9.2	226	55201	-117	*	*	*
0800	43 34.2	63 9.5	223	55240	-91	*	*	*

HUDSON 71-014 DAY 127 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0810	43 36.5	63 10.1	230	55284	-62	*	*	*
0820	43 38.7	63 10.7	226	55318	-42	-13	-4	11
0830	43 41.0	63 11.3	252	55347	-28	-13	3	20
0840	43 43.3	63 11.9	171	55381	-8	*	*	*
0850	43 45.5	63 12.5	109	55419	15	*	*	*
0900	43 47.8	63 13.1	102	55432	13	*	*	*
0910	43 50.1	63 13.9	113	55434	0	*	*	*
0920	43 52.4	63 14.7	138	55419	-29	-17	-5	4
0930	43 54.6	63 15.5	128	55390	-73	-17	-12	-3
0940	43 56.9	63 16.2	142	55346	-133	*	*	*
0950	43 59.2	63 17.0	164	55344	-150	*	*	*
1000	44 1.5	63 17.8	171	55333	-176	*	*	*
1010	44 3.5	63 18.5	186	55357	-165	-16	-23	-10
1020	44 5.6	63 19.3	182	55344	-192	*	*	*
1030	44 7.6	63 20.0	157	55362	-187	*	*	*
1040	44 9.6	63 20.7	142	55464	-99	-16	-28	-18
1050	44 11.7	63 21.5	135	55441	-135	*	*	*
1100	44 13.7	63 22.2	107	55457	-133	-16	-29	-21
1110	44 15.8	63 22.9	91	55538	-65	-16	-31	-24
1120	44 17.8	63 23.7	100	55744	126	-16	-32	-25
1130	44 19.9	63 24.4	113	55551	-79	-16	-32	-24
1140	44 22.0	63 25.1	91	55552	-92	-16	-34	-27
1150	44 24.0	63 25.9	80	55555	-102	-16	-49	-43
1200	44 26.1	63 26.6	*	55547	-123	-16	0	*

HUDSON 71-014 DAY 131 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
0210	44 24.3	63 22.8	*	55550	-96	-64	0	*
0220	44 23.7	63 25.7	*	55542	-113	-64	0	*
0230	44 23.1	63 28.5	*	55614	-49	0	0	*
0240	44 23.0	63 31.5	62	55475	-200	-65	-22	-17
0250	44 22.4	63 34.3	95	55520	-164	-65	-20	-13
0300	44 21.8	63 37.2	95	55724	30	*	*	*
0310	44 20.8	63 40.3	113	55736	35	-70	-18	-10
0320	44 19.7	63 43.4	113	55451	-257	-70	-17	-9
0330	44 18.7	63 46.5	109	55727	10	*	*	*
0340	44 18.5	63 49.4	84	55672	-54	-65	-11	-5
0350	44 18.2	63 52.2	106	55724	-13	-65	-16	-8
0400	44 18.0	63 55.1	80	55600	-148	*	*	*
0410	44 17.4	63 58.1	84	55669	-88	-67	-15	-9
0420	44 16.7	64 1.0	84	55648	-117	-67	-13	-7
0430	44 16.1	64 4.0	84	55627	-147	*	*	*
0440	44 15.5	64 6.9	69	55695	-89	-66	-11	-6
0450	44 15.0	64 9.9	65	55777	-16	-66	-9	-4
0500	44 15.0	64 12.0	62	55789	-13	*	*	*
0510	44 16.4	64 12.4	51	55545	-265	*	*	*
0520	44 17.8	64 12.9	43	55585	-234	*	*	*
0530	44 18.1	64 12.9	42	55857	35	*	*	*
0540	44 16.6	64 12.6	51	55822	9	*	*	*
0550	44 15.1	64 12.2	62	55840	36	8	-10	-5
0600	44 13.5	64 12.0	80	55580	-214	3	-18	-12
0610	44 12.0	64 11.9	80	55494	-292	*	*	*
0620	44 11.7	64 11.0	87	55550	-231	*	*	*
0630	44 12.7	64 9.4	80	55605	-174	*	*	*
0750	44 22.8	64 4.4	42	55672	-138	-5	-19	-16
0800	44 21.0	64 4.6	49	55842	39	-5	-21	-17
0810	44 19.2	64 4.9	62	55327	-467	-5	-24	-19
0820	44 17.6	64 4.1	56	55875	91	*	*	*
0830	44 16.3	64 2.3	67	55605	-164	*	*	*
0840	44 14.7	64 .4	67	55513	-240	*	*	*
0850	44 13.2	63 58.5	69	55601	-136	*	*	*
0900	44 11.6	63 56.6	91	55612	-109	*	*	*
0910	44 10.0	63 54.9	98	55729	22	39	-19	-12
0920	44 8.4	63 53.3	111	55534	-157	39	-21	-13
0930	44 6.8	63 51.6	148	55664	-12	*	*	*
0940	44 5.0	63 49.8	155	55590	-70	42	-13	-2
0950	44 3.3	63 48.0	164	55511	-132	42	-20	-8
1000	44 1.5	63 46.2	*	55584	-43	0	0	*
1010	43 59.9	63 44.6	*	55615	2	37	-25	*
1020	43 58.2	63 43.1	*	55502	-95	37	-20	*
1030	43 56.6	63 41.5	*	55457	-125	0	0	*
1040	43 55.1	63 39.8	*	55432	-135	41	-21	*
1050	43 53.7	63 38.0	*	55411	-141	41	-24	*
1100	43 52.2	63 36.3	237	55401	-137	*	*	*
1110	43 50.6	63 34.4	237	55395	-127	*	*	*
1120	43 49.0	63 32.6	237	55401	-104	44	-18	-1
1130	43 47.4	63 30.7	204	55416	-73	44	-13	1

HUDSON 71-014 DAY 131 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1140	43 45.8	63 28.8	175	55410	-63	44	-5	7
1150	43 44.1	63 27.0	157	55413	-44	44	-2	8
1200	43 42.5	63 25.1	128	55429	-11	44	1	9
1210	43 40.9	63 23.2	100	55370	-54	44	8	14
1220	43 39.2	63 21.4	100	55404	-3	44	14	20
1230	43 37.6	63 19.5	109	55352	-39	*	*	*
1240	43 36.2	63 17.7	201	55334	-42	42	1	14
1250	43 34.8	63 16.0	208	55318	-43	42	1	15
1300	43 33.4	63 14.2	219	55303	-43	*	*	*
1310	43 31.8	63 12.3	219	55289	-41	45	6	21
1320	43 30.1	63 10.4	223	55266	-47	45	10	25
1400	43 30.0	63 9.8	223	55250	-60	*	*	*
1410	43 30.1	63 12.9	215	55272	-51	*	*	*
1420	43 30.1	63 16.0	212	55291	-46	*	*	*
1430	43 30.2	63 19.1	204	55294	-56	*	*	*
1440	43 30.0	63 22.0	193	55289	-72	-68	20	33
1450	43 29.8	63 24.9	186	55290	-82	-68	19	31
1500	43 29.6	63 27.8	173	55295	-88	*	*	*
1510	43 29.6	63 31.0	160	55295	-102	-75	10	21
1520	43 29.6	63 34.3	175	55291	-119	-75	11	23
1530	43 29.6	63 37.5	186	55310	-113	*	*	*
1540	43 29.5	63 40.5	204	55380	-55	-70	16	30
1550	43 29.3	63 43.5	212	55405	-42	-70	16	30
1600	43 29.2	63 46.5	223	55419	-40	*	*	*
1610	43 29.4	63 49.5	219	55418	-54	-71	16	31
1620	43 29.6	63 52.6	164	55349	-137	-71	15	26
1630	43 29.8	63 55.6	151	55389	-111	*	*	*
1640	43 29.5	63 58.8	138	55424	-87	-74	13	22
1650	43 29.2	64 1.9	128	55442	-81	-74	12	20
1700	43 28.9	64 5.1	124	55479	-55	-74	7	15
1710	43 27.9	64 7.3	126	55350	-187	*	*	*
1720	43 26.0	64 8.6	113	55364	-169	*	*	*
1730	43 24.1	64 9.8	106	55375	-153	*	*	*
1740	43 22.0	64 11.1	98	55396	-126	-29	13	19
1750	43 20.0	64 12.3	91	55406	-110	-29	13	19
1800	43 17.9	64 13.6	87	55394	-116	*	*	*
1810	43 15.8	64 14.9	87	55410	-94	*	*	*
1820	43 13.7	64 16.1	89	55408	-90	-29	16	22
1830	43 11.6	64 17.4	93	55391	-100	*	*	*
1840	43 9.5	64 18.7	98	55385	-100	*	*	*
1850	43 7.4	64 20.0	95	55392	-87	-30	23	29
1900	43 5.3	64 21.3	115	55393	-80	*	*	*
1910	43 3.3	64 22.8	120	55400	-68	-35	25	33
1920	43 1.2	64 24.3	128	55407	-56	-35	27	35
1930	42 59.2	64 25.8	128	55408	-50	-35	30	38
1940	42 57.2	64 27.3	124	55418	-35	-35	33	41
1950	42 55.1	64 28.8	107	55423	-25	-35	34	41
2000	42 53.1	64 30.3	100	55419	-24	-35	33	39
2010	42 51.1	64 31.8	100	55396	-41	-35	29	35
2020	42 49.0	64 33.3	104	55377	-55	-35	27	34

HUDSON 71-014 DAY 131 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2030	42 47.0	64 34.8	106	55356	-71	-35	27	34
2040	42 45.0	64 36.2	113	55354	-68	-35	31	38
2050	42 42.9	64 37.7	118	55383	-33	-35	41	49
2100	42 40.9	64 39.2	117	55415	3	*	*	*
2110	42 38.8	64 40.5	117	55412	7	-31	49	57
2120	42 37.0	64 42.5	118	55413	10	*	*	*
2130	42 35.5	64 45.0	118	55441	36	*	*	*
2140	42 34.3	64 47.6	117	55457	48	-62	50	58
2150	42 33.2	64 50.2	117	55454	41	-62	49	57
2200	42 32.0	64 52.8	117	55447	30	*	*	*
2210	42 30.7	64 55.3	117	55439	19	-59	46	54
2220	42 29.3	64 57.7	118	55446	24	-59	45	53
2230	42 28.0	65 .2	122	55457	33	-59	45	53
2240	42 26.7	65 2.7	124	55466	39	-59	40	48
2250	42 25.3	65 5.1	124	55473	44	-59	42	50
2300	42 24.0	65 7.6	120	55479	47	*	*	*
2310	42 22.5	65 10.0	122	55487	54	-58	51	59
2320	42 21.1	65 12.4	124	55489	55	-58	54	62
2330	42 19.6	65 14.8	124	55492	57	*	*	*
2340	42 18.2	65 17.2	118	55486	49	-59	54	62
2350	42 16.8	65 19.7	118	55483	44	-59	58	66

HUDSON 71-014 DAY 132 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 15.4	65 22.1	120	55474	33	-60	57	65
0010	42 14.0	65 24.6	118	55450	8	-60	59	67
0020	42 12.5	65 27.1	117	55427	-16	-60	62	70
0030	42 11.1	65 29.6	115	55408	-37	*	*	*
0040	42 9.6	65 31.8	117	55392	-53	-52	70	78
0050	42 8.2	65 33.9	129	55376	-69	-52	68	76
0100	42 6.7	65 36.1	329	55359	-86	-52	54	76
0110	42 5.2	65 38.3	365	55346	-99	-53	54	79
0120	42 3.8	65 40.4	259	55328	-117	-53	59	76
0130	42 2.3	65 42.6	256	55321	-125	-53	61	78
0140	42 .8	65 44.8	281	55312	-134	-53	65	84
0150	41 59.4	65 46.9	241	55307	-139	-53	69	85
0200	41 57.9	65 49.1	190	55318	-128	*	*	*
0210	41 56.5	65 51.5	146	55352	-95	-59	59	69
0220	41 55.2	65 54.0	109	55375	-74	-59	60	67
0230	41 53.8	65 56.4	106	55388	-62	*	*	*
0240	41 52.4	65 58.8	89	55393	-59	*	*	*
0250	41 51.1	66 1.3	96	55404	-50	*	*	*
0300	41 49.7	66 3.7	95	55414	-41	*	*	*
0310	41 48.6	66 6.0	91	55428	-30	*	*	*
0320	41 47.9	66 8.7	87	55443	-21	*	*	*
0330	41 47.7	66 11.7	84	55455	-20	-73	34	39
0340	41 47.6	66 14.6	84	55458	-27	-73	32	37
0350	41 46.5	66 16.6	84	55472	-15	*	*	*
0400	41 44.6	66 17.7	84	55491	10	*	*	*
0410	41 46.2	66 19.6	80	55487	-10	*	*	*
0420	41 47.7	66 21.6	76	55506	-7	-47	26	31
0430	41 49.3	66 23.5	76	55521	-9	-47	19	24
0440	41 50.9	66 25.4	80	55537	-10	-47	14	19
0450	41 52.4	66 27.4	78	55595	30	-47	9	14
0500	41 54.0	66 29.3	76	55659	78	*	*	*
0510	41 55.6	66 31.2	73	55710	112	-46	4	9
0520	41 57.2	66 33.1	80	55752	137	-46	6	11
0530	41 58.8	66 35.0	76	55778	146	*	*	*
0540	41 59.1	66 35.3	76	55785	151	*	*	*
0550	41 59.3	66 35.7	76	55790	153	-8	18	23
0600	41 59.6	66 36.0	76	55793	153	*	*	*
0610	42 .2	66 36.8	80	55798	151	*	*	*
0620	42 .8	66 37.7	76	55802	148	*	*	*
0630	42 1.4	66 38.5	76	55799	139	*	*	*
0640	42 2.0	66 39.3	73	55793	126	-20	17	22
0650	42 2.6	66 40.2	69	55784	110	-20	15	19
0700	42 3.2	66 41.0	73	55771	91	*	*	*
0710	42 4.4	66 42.0	71	55755	64	-24	8	12
0720	42 5.5	66 43.0	69	55739	37	-24	2	6
0730	42 6.7	66 44.0	69	55732	20	-24	1	5
0740	42 6.9	66 45.0	67	55726	9	-24	4	8
0750	42 7.1	66 46.0	67	55732	10	-24	9	13
0800	42 7.3	66 47.0	71	55734	7	-24	16	20
0810	42 7.0	66 48.4	69	55736	5	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	42 7.2	66 50.0	67	55734	-3	*	*	*
0830	42 8.2	66 51.1	84	55728	-19	-27	17	22
0840	42 9.1	66 52.2	107	55742	-15	-27	15	22
0850	42 10.1	66 53.3	137	55782	14	-27	16	25
0900	42 11.1	66 54.4	182	55859	81	*	*	*
0910	42 12.1	66 55.4	201	55813	26	-25	19	32
0920	42 13.0	66 56.5	213	55613	-183	-25	22	36
0930	42 14.0	66 57.5	228	55581	-224	*	*	*
0940	42 15.1	66 58.6	246	55605	-211	-26	22	38
0950	42 16.3	66 59.6	263	55650	-176	-25	20	38
1000	42 17.4	67 .7	281	55656	-181	-25	20	39
1010	42 18.5	67 1.8	288	55652	-196	*	*	*
1020	42 19.7	67 2.8	298	55672	-186	-25	22	42
1030	42 20.8	67 3.9	312	55683	-186	*	*	*
1040	42 21.9	67 5.0	323	55724	-155	-26	17	39
1050	42 23.1	67 6.1	325	55747	-143	-26	18	40
1100	42 24.2	67 7.2	356	55711	-190	*	*	*
1110	42 25.3	67 8.0	356	55799	-111	-19	24	48
1120	42 26.4	67 8.8	352	55840	-79	-19	24	48
1130	42 27.5	67 9.6	343	55778	-150	*	*	*
1140	42 29.2	67 9.4	334	55780	-157	*	*	*
1150	42 30.3	67 10.0	329	55822	-124	*	*	*
1200	42 30.9	67 11.4	325	55818	-136	*	*	*
1210	42 31.4	67 12.8	320	55837	-126	*	*	*
1220	42 32.0	67 14.2	309	55838	-133	*	*	*
1230	42 32.6	67 15.6	299	55827	-153	*	*	*
1240	42 32.7	67 14.9	288	55835	-143	*	*	*
1250	42 32.7	67 14.2	288	55833	-142	*	*	*
1300	42 32.8	67 13.5	303	55833	-140	*	*	*
1310	42 32.0	67 11.3	314	55809	-151	*	*	*
1320	42 31.1	67 9.1	320	55822	-125	53	8	30
1330	42 30.3	67 6.9	325	55923	-11	*	*	*
1340	42 29.5	67 4.8	332	55768	-153	*	*	*
1350	42 28.6	67 2.6	336	*	*	*	*	*
2220	42 31.1	66 53.5	261	*	*	*	*	*
2230	42 31.4	66 56.5	292	*	*	*	*	*
2240	42 31.8	66 59.5	310	*	*	*	*	*
2250	42 32.1	67 2.5	314	*	*	-72	27	48
2300	42 32.4	67 5.5	312	55924	-16	*	*	*
2310	42 32.7	67 8.7	310	55820	-134	-78	10	31
2320	42 32.9	67 12.0	305	55838	-130	-78	8	28
2330	42 33.2	67 15.2	292	55843	-139	*	*	*
2340	42 33.5	67 18.2	287	55868	-127	-72	22	41
2350	42 33.8	67 21.2	274	55942	-66	*	*	*



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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 34.9	67 19.0	277	55919	-87	*	*	*
0010	42 35.0	67 16.1	279	55870	-125	*	*	*
0020	42 35.0	67 13.2	281	55832	-153	*	*	*
0030	42 35.1	67 10.3	292	55820	-154	71	9	29
0040	42 35.2	67 7.4	287	55807	-156	71	12	31
0050	42 35.2	67 4.6	296	55858	-95	71	17	37
0100	42 35.3	67 1.7	296	55856	-86	71	19	39
0110	42 35.4	66 58.8	292	55851	-81	71	24	44
0120	42 35.4	66 55.9	277	55954	32	71	27	46
0130	42 35.5	66 53.0	256	55855	-55	*	*	*
0140	42 35.6	66 50.1	239	55831	-69	72	35	51
0150	42 35.8	66 47.1	212	55749	-140	72	36	50
0200	42 35.9	66 44.2	190	55715	-164	*	*	*
0210	42 36.0	66 41.1	175	55660	-207	75	35	47
0220	42 36.0	66 38.1	170	55687	-169	*	*	*
0230	42 36.8	66 36.0	162	55757	-95	*	*	*
0240	42 37.2	66 33.3	160	55740	-104	67	30	41
0250	42 37.5	66 30.5	175	55791	-44	67	27	39
0300	42 37.9	66 27.8	175	55734	-92	*	*	*
0310	42 38.0	66 24.9	159	55737	-79	71	21	31
0320	42 38.1	66 22.0	142	55755	-50	71	19	28
0330	42 38.1	66 19.1	104	55772	-22	71	18	25
0340	42 38.2	66 16.2	76	55810	26	71	15	20
0350	42 38.3	66 13.3	65	55801	28	71	12	16
0400	42 38.4	66 10.4	58	55791	29	*	*	*
0410	42 38.3	66 7.3	62	55858	108	75	13	17
0420	42 38.1	66 4.3	69	55940	203	75	13	17
0430	42 38.0	66 1.2	74	55931	207	*	*	*
0440	42 37.8	65 58.2	80	55866	155	74	17	22
0450	42 37.7	65 55.1	80	55845	147	74	23	28
0500	42 37.5	65 52.1	84	55812	127	74	25	30
0510	42 37.3	65 49.0	91	55755	83	74	28	34
0520	42 37.2	65 46.0	91	55768	109	74	24	30
0530	42 37.0	65 42.9	87	55767	121	74	33	38
0540	42 36.8	65 39.9	91	55735	102	74	26	32
0550	42 36.7	65 36.8	89	55711	91	74	23	29
0600	42 36.5	65 33.8	91	55694	87	*	*	*
0610	42 36.3	65 30.8	91	55677	83	73	22	28
0620	42 36.1	65 27.8	89	55663	82	73	25	31
0630	42 35.9	65 24.8	91	55638	70	73	27	33
0640	42 36.7	65 23.1	89	55632	66	*	*	*
0650	42 38.4	65 22.7	91	55628	54	*	*	*
0700	42 40.2	65 22.3	95	55633	51	*	*	*
0710	42 37.7	65 22.2	91	55631	63	*	*	*
0720	42 35.2	65 22.0	91	55635	82	*	*	*
0730	42 36.4	65 20.7	95	55654	99	*	*	*
0740	42 37.7	65 19.4	98	55638	81	*	*	*
0750	42 38.9	65 18.1	98	55604	46	*	*	*
0800	42 40.2	65 16.8	95	55604	44	*	*	*
0810	42 41.4	65 15.5	93	55598	36	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
0820	42 42.7	65 14.2	93	55602	38	*	*	*
0830	42 43.2	65 14.9	95	55619	50	*	*	*
0840	42 42.9	65 17.5	95	55632	54	*	*	*
0850	42 42.7	65 20.2	95	55643	56	*	*	*
0900	42 42.4	65 22.8	93	55660	64	*	*	*
0910	42 42.1	65 25.8	95	55678	71	-72	20	26
0920	42 41.8	65 28.9	91	55685	68	-72	23	29
0930	42 41.5	65 31.9	89	55739	111	*	*	*
0940	42 41.7	65 34.9	89	55943	302	-73	19	25
0950	42 41.8	65 38.0	91	55936	282	*	*	*
1000	42 42.0	65 41.0	95	55879	212	*	*	*
1010	42 42.3	65 44.1	91	55901	220	-74	7	13
1020	42 42.5	65 47.2	91	55950	256	-74	4	10
1030	42 42.8	65 50.3	93	55872	164	*	*	*
1040	42 42.8	65 53.1	89	55849	130	-67	13	19
1050	42 42.8	65 55.9	80	56063	333	-67	11	16
1100	42 42.8	65 58.8	80	55857	116	-67	8	13
1110	42 42.8	66 1.6	74	56009	257	-67	4	9
1120	42 42.8	66 4.4	67	55993	230	-67	3	7
1130	42 42.8	66 7.2	60	56031	256	*	*	*
1140	42 42.9	66 10.3	56	55882	95	-73	0	3
1150	42 42.9	66 13.3	62	55881	82	-73	3	7
1200	42 43.0	66 16.4	65	55872	60	-73	8	12
1210	42 43.1	66 19.5	78	55819	-4	-73	11	16
1220	42 43.1	66 22.5	96	55854	18	-73	12	18
1230	42 43.2	66 25.6	109	56020	171	-73	13	20
1240	42 43.3	66 28.7	129	55667	-193	-73	17	25
1250	42 43.3	66 31.7	144	55693	-179	-73	19	28
1300	42 43.4	66 34.8	153	55701	-183	*	*	*
1310	42 43.4	66 37.8	162	55772	-124	-72	28	39
1320	42 43.5	66 40.9	149	55781	-127	-72	37	47
1330	42 43.5	66 43.9	148	55783	-137	*	*	*
1340	42 43.7	66 47.1	155	55835	-98	-76	27	37
1350	42 43.9	66 50.3	171	55844	-103	-76	20	31
1400	42 44.1	66 53.4	186	55817	-143	-76	15	27
1410	42 44.3	66 56.6	170	55813	-160	-76	22	33
1420	42 44.5	66 59.8	182	55889	-98	-76	27	39
1430	42 44.7	67 3.0	201	55910	-90	-76	26	39
1440	42 44.9	67 6.2	219	55918	-95	-76	24	39
1450	42 45.0	67 9.4	208	55918	-108	-76	24	38
1500	42 45.2	67 12.6	224	55965	-74	*	*	*
1510	42 45.3	67 15.8	215	55858	-194	-77	10	24
1520	42 45.5	67 18.9	197	55939	-125	-58	14	27
1530	42 46.4	67 21.3	199	55968	-111	*	*	*
1540	42 47.1	67 22.5	212	*	*	*	*	*
1600	42 48.4	67 25.0	221	*	*	*	*	*
2120	42 49.5	67 37.2	*	55999	-157	1	0	*
2130	42 47.5	67 37.2	248	55995	-149	*	*	*
2140	42 45.6	67 37.6	215	55969	-167	-9	13	27
2150	42 43.7	67 38.0	192	55913	-214	-9	13	26

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
2200	42 41.8	67 38.5	179	55983	-135	-9	16	28
2210	42 39.9	67 38.9	175	56000	-109	-9	15	27
2220	42 38.1	67 39.3	204	56013	-87	-9	10	24
2230	42 36.2	67 39.7	204	56043	-48	-9	18	32
2240	42 34.3	67 40.2	193	55954	-128	-9	20	33
2250	42 32.4	67 40.6	199	56132	58	-9	29	42
2300	42 30.5	67 41.0	215	56039	-25	*	*	*
2310	42 28.4	67 41.2	195	55949	-104	*	*	*
2320	42 26.3	67 41.5	228	55972	-70	*	*	*
2330	42 24.2	67 41.7	223	55996	-35	*	*	*
2340	42 23.2	67 40.3	234	55950	-69	*	*	*
2350	42 23.1	67 37.2	250	55893	-115	*	*	*

HUDSON 71-014 DAY 134 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 23.1	67 34.2	270	55896	-100	*	*	*
0010	42 23.0	67 31.2	292	55887	-97	75	11	31
0020	42 23.0	67 28.1	310	55865	-108	75	13	34
0030	42 22.9	67 25.1	299	55853	-108	*	*	*
0040	42 22.9	67 22.1	329	55811	-138	74	17	39
0050	42 22.8	67 19.1	336	55847	-91	74	12	35
0100	42 22.8	67 16.1	343	55810	-116	*	*	*
0110	42 22.9	67 13.1	340	55792	-124	75	13	36
0120	42 23.1	67 10.0	347	55746	-159	75	15	38
0130	42 23.2	67 7.0	340	55702	-192	75	19	42
0140	42 23.3	67 4.0	336	55750	-133	75	21	44
0150	42 23.5	67 .9	336	55730	-142	75	25	48
0200	42 23.6	66 57.9	341	55656	-206	*	*	*
0210	42 23.8	66 54.8	347	55755	-96	76	23	46
0220	42 24.0	66 51.7	343	55690	-150	76	20	43
0230	42 24.2	66 48.6	341	55686	-143	76	19	42
0240	42 24.4	66 45.5	340	55648	-171	76	18	41
0250	42 24.6	66 42.4	340	55648	-160	76	17	40
0300	42 24.8	66 39.3	336	55613	-184	*	*	*
0310	42 24.8	66 36.4	323	55561	-225	71	4	26
0320	42 24.7	66 33.5	310	55724	-50	71	2	23
0330	42 24.7	66 30.6	296	55557	-206	71	6	26
0340	42 24.7	66 27.8	281	55439	-313	71	6	25
0350	42 24.6	66 24.9	267	55920	179	71	8	26
0400	42 24.6	66 22.0	256	55704	-25	71	11	28
0410	42 24.6	66 19.1	248	55735	16	71	14	31
0420	42 24.6	66 16.2	245	55720	13	71	15	31
0430	42 24.6	66 13.3	239	55741	45	71	14	30
0440	42 24.6	66 10.4	243	55703	18	71	15	31
0450	42 24.6	66 7.5	245	55655	-17	71	14	30
0500	42 24.6	66 4.6	245	55603	-58	*	*	*
0510	42 24.7	66 1.5	237	55598	-51	77	20	36
0600	42 25.1	65 45.8	102	*	*	*	*	*
0630	42 25.4	65 36.4	91	*	*	*	*	*
0655	42 25.7	65 27.8	98	*	*	*	*	*
0710	42 22.6	65 26.2	104	*	*	*	*	*
0720	42 24.2	65 24.6	106	*	*	*	*	*
0730	42 24.3	65 21.3	107	*	*	*	*	*
0740	42 24.4	65 18.1	109	55559	83	*	*	*
0750	42 24.5	65 14.8	113	55547	83	*	*	*
0800	42 23.5	65 13.1	113	55528	77	*	*	*
0810	42 21.4	65 12.9	120	55504	66	*	*	*
0820	42 19.3	65 12.6	128	55485	60	*	*	*
0830	42 17.1	65 12.4	146	55444	33	6	56	66
0840	42 15.3	65 12.8	395	55396	-6	*	*	*
0850	42 15.1	65 15.8	354	55411	-1	*	*	*
0900	42 14.8	65 18.7	193	55436	12	*	*	*
0910	42 14.5	65 21.7	131	55451	17	*	*	*
0920	42 14.3	65 24.6	118	55458	14	*	*	*
0930	42 14.0	65 27.6	113	55465	10	*	*	*

HUDSON 71-014 DAY 134 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0940	42 13.9	65 30.7	109	55476	10	*	*	*
0950	42 13.7	65 33.8	109	55488	10	*	*	*
1000	42 13.6	65 36.9	113	55502	13	*	*	*
1010	42 13.5	65 40.0	199	55514	13	-76	36	49
1020	42 13.3	65 43.2	226	55526	13	-76	25	40
1030	42 13.2	65 46.3	219	55532	8	*	*	*
1040	42 13.2	65 49.0	188	55539	4	*	*	*
1050	42 13.2	65 51.7	237	55543	-2	*	*	*
1100	42 13.2	65 54.4	228	55548	-7	-66	-1	14
1110	42 13.2	65 57.1	224	55545	-21	-66	3	18
1120	42 13.2	65 59.8	230	55545	-32	-66	0	15
1130	42 13.2	66 2.5	234	55551	-36	*	*	*
1140	42 13.0	66 5.2	245	55566	-31	-65	7	23
1150	42 12.9	66 7.9	245	55584	-23	-65	12	28
1200	42 12.7	66 10.5	224	55622	5	-65	18	33
1210	42 12.6	66 13.2	204	55657	30	-65	26	40
1220	42 12.4	66 15.9	201	55697	60	-65	24	37
1230	42 12.3	66 18.6	202	55745	99	*	*	*
1240	42 12.3	66 21.3	202	55797	140	-67	20	33
1250	42 12.4	66 24.1	204	55721	53	-67	10	24
1300	42 12.4	66 26.8	210	55721	42	-67	10	24
1310	42 12.4	66 29.6	215	55718	28	-67	13	27
1320	42 12.5	66 32.3	215	55700	0	-67	13	27
1330	42 12.5	66 35.1	215	55680	-30	-67	8	22
1340	42 12.5	66 37.8	215	55694	-27	-67	12	26
1350	42 12.6	66 40.6	215	55747	14	-67	9	23
1400	42 12.6	66 43.3	213	55817	73	*	*	*
1410	42 12.6	66 46.3	213	55873	118	-72	12	26
1420	42 12.6	66 49.2	213	55972	205	-72	12	26
1430	42 12.6	66 52.2	215	55850	72	-72	12	26
1440	42 12.6	66 55.2	212	55624	-164	-72	20	34
1450	42 12.6	66 58.1	208	55567	-233	-72	29	43
1500	42 12.6	67 1.1	201	55603	-208	*	*	*
1510	42 12.7	67 4.3	201	55612	-211	-77	24	37
1520	42 12.7	67 7.5	201	55619	-217	-77	22	35
1530	42 12.8	67 10.7	*	55666	-182	-77	26	*
1540	42 12.9	67 13.8	*	55693	-168	-77	23	*
1550	42 12.9	67 17.0	*	55736	-137	-77	27	*
1600	42 13.0	67 20.2	230	55762	-124	*	*	*
1610	42 13.0	67 23.2	241	55842	-55	-73	36	52
1620	42 13.0	67 26.2	241	55838	-70	-73	32	48
1630	42 13.0	67 29.2	241	*	*	*	*	*
1640	42 13.0	67 32.1	243	*	*	-72	33	49
1650	42 13.0	67 35.1	234	*	*	-72	36	52
1700	42 13.0	67 38.0	215	*	*	-72	45	59
1710	42 13.0	67 41.0	204	*	*	*	*	*
1720	42 11.3	67 41.0	193	*	*	*	*	*
1730	42 9.6	67 41.0	190	*	*	*	*	*
1740	42 7.8	67 41.0	182	*	*	0	30	42
1750	42 6.1	67 41.0	177	*	*	0	33	45

HUDSON 71-014 DAY 134 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVCS	F.A.	B.A.
1800	42 4.4	67 41.0	175	*	*	0	33	45
1810	42 2.7	67 41.0	109	*	*	*	*	*
1820	42 2.7	67 37.3	87	*	*	*	*	*
1830	42 2.6	67 33.6	73	*	*	*	*	*
1840	42 2.5	67 30.3	51	*	*	83	37	40
1850	42 2.5	67 26.9	60	*	*	83	35	39
1900	42 2.4	67 23.6	54	*	*	83	31	34
1910	42 2.3	67 20.3	56	*	*	83	31	34
1920	42 2.3	67 16.9	51	*	*	83	35	38
1930	42 2.2	67 13.6	54	*	*	83	35	38
1940	42 2.1	67 10.3	56	*	*	83	36	39
1950	42 1.9	67 6.9	43	55651	-120	83	33	35
2000	42 1.8	67 3.6	65	55665	-93	83	30	34
2010	42 1.7	67 .3	69	55702	-42	83	21	25
2020	42 1.5	66 56.9	74	55764	32	83	16	21
2030	42 1.4	66 53.6	71	55801	83	83	16	20
2040	42 1.4	66 50.3	80	55808	102	83	10	15
2050	42 1.4	66 47.0	73	55820	127	83	11	16
2100	42 1.4	66 43.7	80	55839	159	83	18	23
2110	42 1.8	66 40.6	76	55846	175	71	14	19
2120	42 1.9	66 37.3	82	55845	186	83	9	14
2130	42 1.7	66 34.0	80	55846	201	83	10	15
2140	42 1.5	66 30.7	82	55821	190	83	10	15
2150	42 1.4	66 27.3	82	55779	162	83	12	17
2200	42 1.2	66 24.0	82	55753	150	*	*	*
2210	42 1.1	66 20.7	80	55761	172	82	17	22
2220	42 1.0	66 17.4	76	55779	203	*	*	*
2230	41 59.6	66 14.4	76	55740	184	*	*	*
2240	41 59.7	66 11.3	85	55648	103	77	21	26
2250	41 59.7	66 8.3	87	55595	62	77	24	29
2300	41 59.8	66 5.2	91	55561	40	77	19	25
2310	42 .1	66 2.1	93	55523	12	77	34	40
2320	42 .5	65 59.1	98	55493	-7	77	30	36
2330	42 .8	65 56.0	160	55452	-38	*	*	*
2340	42 1.3	65 52.8	197	55415	-65	79	55	68
2350	42 1.7	65 49.6	246	55384	-86	79	59	75

HUDSON 71-014 DAY 135 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 .2	65 48.8	235	55355	-103	*	*	*
0010	41 57.7	65 48.5	192	55338	-104	*	*	*
0020	41 55.3	65 48.1	173	55362	-64	*	*	*
0030	41 52.8	65 47.8	153	55349	-62	*	*	*
0040	41 51.3	65 47.4	137	*	*	*	*	*
0050	41 50.4	65 48.5	131	55312	-87	*	*	*
0100	41 50.4	65 51.8	120	55322	-90	*	*	*
0110	41 50.5	65 55.1	106	55344	-81	-80	63	70
0120	41 50.5	65 58.3	91	55367	-72	-80	57	63
0130	41 50.5	66 1.6	96	55397	-55	*	*	*
0140	41 50.5	66 4.8	93	55411	-53	-79	43	49
0150	41 50.5	66 8.0	87	55427	-50	-79	44	49
0200	41 50.5	66 11.2	80	55444	-45	-79	41	46
0210	41 50.5	66 14.4	76	55474	-28	-79	31	36
0220	41 50.6	66 17.6	80	55503	-12	-79	31	36
0230	41 50.6	66 20.8	82	55536	8	*	*	*
0240	41 51.0	66 23.9	80	55555	12	-75	27	32
0250	41 51.4	66 26.9	76	55609	52	-75	20	25
0300	41 51.8	66 30.0	80	55658	87	-75	18	23
0310	41 52.2	66 33.1	73	55724	139	-75	20	25
0320	41 52.6	66 36.1	71	55756	156	-75	20	24
0330	41 53.0	66 39.2	69	55779	165	*	*	*
0340	41 52.8	66 42.1	65	55788	164	-72	27	31
0350	41 52.6	66 45.1	62	55747	113	-72	21	25
0400	41 52.3	66 48.0	58	55699	55	-72	17	20
0410	41 52.1	66 50.9	65	55663	9	-72	10	14
0420	41 51.9	66 53.9	62	55633	-30	-72	5	9
0430	41 51.7	66 56.8	62	55610	-63	-72	3	7
0440	41 51.4	66 59.7	65	55582	-101	-72	4	8
0450	41 51.2	67 2.7	62	55545	-148	-72	5	9
0500	41 51.0	67 5.6	54	55521	-181	*	*	*
0510	41 53.2	67 4.8	43	55533	-179	*	*	*
0520	41 55.3	67 3.9	53	55555	-166	*	*	*
0530	41 57.5	67 3.0	58	55580	-151	*	*	*
0540	41 59.7	67 2.2	47	55604	-136	21	13	16
0550	42 1.8	67 1.3	58	55630	-120	21	22	25
0600	42 4.0	67 .5	58	55651	-108	*	*	*
0610	42 6.1	66 59.7	64	55665	-103	20	20	24
0620	42 8.2	66 58.9	73	55650	-127	20	21	26
0630	42 10.3	66 58.1	131	55676	-110	20	21	30
0640	42 12.4	66 57.3	206	55646	-150	20	22	36
0650	42 14.6	66 56.5	243	55624	-181	20	22	38
0700	42 16.7	66 55.7	279	55613	-201	*	*	*
0710	42 18.8	66 54.9	305	55681	-142	*	*	*
0720	42 20.9	66 54.1	318	55652	-180	*	*	*
0730	42 23.0	66 53.3	341	55699	-142	*	*	*
0740	42 25.0	66 52.6	352	55701	-149	16	25	49
0750	42 27.1	66 52.0	329	55682	-177	16	20	42
0800	42 29.1	66 51.3	299	55681	-187	16	26	46
0810	42 31.1	66 50.7	256	55727	-150	16	29	46

HUDSON 71-014 DAY 135 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVCS	F.A.	B.A.
0820	42 33.2	66 50.1	235	55796	-90	16	30	46
0830	42 35.2	66 49.4	234	55757	-138	*	*	*
0840	42 37.2	66 48.5	212	55821	-82	22	32	46
0850	42 39.3	66 47.6	192	55826	-85	22	34	47
0900	42 41.3	66 46.7	177	55821	-97	22	33	45
0910	42 43.3	66 45.8	160	55830	-96	*	*	*
0920	42 45.3	66 44.9	166	55837	-97	*	*	*
0930	42 47.4	66 43.9	181	55829	-113	*	*	*
0940	42 49.4	66 43.0	192	55848	-101	22	31	44
0950	42 51.4	66 42.1	230	55817	-140	22	20	35
1000	42 53.4	66 41.2	223	55911	-53	22	15	30
1010	42 55.3	66 40.3	202	55834	-137	22	20	33
1020	42 57.1	66 39.4	182	55830	-148	22	24	36
1030	42 59.0	66 38.5	153	55783	-202	22	20	30
1040	43 .9	66 37.6	128	55816	-175	*	*	*
1050	43 2.7	66 36.7	120	56034	35	22	21	29
1100	43 4.6	66 35.8	106	55995	-10	*	*	*
1110	43 6.5	66 34.9	95	55990	-22	21	15	21
1120	43 8.4	66 34.1	82	56015	-4	21	23	28
1130	43 10.3	66 33.2	91	56119	92	21	22	28
1140	43 12.2	66 32.3	80	56061	27	21	22	27
1150	43 14.1	66 31.5	73	56150	109	21	25	30
1200	43 16.0	66 30.6	62	56277	230	21	25	29
2210	43 15.5	66 34.4	76	*	*	*	*	*
2220	43 13.9	66 35.9	84	*	*	*	*	*
2230	43 12.4	66 37.4	107	*	*	*	*	*



HUDSON 71-014 DAY 136 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0100	43 10.0	66 36.2	117	*	*	*	*	*
0110	43 11.6	66 38.3	122	56098	45	*	*	*
0120	43 13.1	66 40.4	137	56184	114	-49	15	24
0130	43 14.7	66 42.5	113	56218	132	*	*	*
0140	43 16.5	66 44.5	118	55884	-219	-48	30	38
0150	43 18.3	66 46.6	138	55978	-143	-48	32	41
0200	43 20.1	66 48.6	159	56051	-87	-47	38	48
0210	43 22.0	66 50.7	188	56001	-155	-47	36	48
0220	43 23.8	66 52.8	204	55977	-196	-47	30	44
0230	43 25.6	66 54.8	204	56003	-188	*	*	*
0240	43 27.1	66 56.7	197	56057	-149	-44	35	48
0250	43 28.6	66 58.6	201	56111	-110	-44	35	48
0300	43 30.0	66 59.6	197	56123	-109	*	*	*
0310	43 31.2	66 59.5	204	56107	-131	*	*	*
0320	43 32.3	66 59.4	195	56108	-136	2	33	46
0330	43 33.5	66 59.3	188	56108	-142	2	32	44
0340	43 34.7	66 59.2	190	56107	-148	2	29	42
0350	43 35.8	66 59.1	193	56116	-145	2	25	38
0400	43 37.0	66 59.0	190	56141	-126	2	24	37
0410	43 38.2	66 58.9	157	56190	-83	2	24	34
0420	43 39.3	66 58.9	153	56229	-49	2	22	32
0430	43 40.5	66 58.8	149	56251	-33	2	20	30
0440	43 41.7	66 58.7	135	56353	62	2	19	28
0450	43 42.8	66 58.6	142	56230	-66	2	18	27
0500	43 44.0	66 58.5	142	56363	61	2	16	25
0510	43 45.3	66 58.4	149	56337	28	2	18	28
0520	43 46.6	66 58.3	153	56269	-45	2	10	20
0530	43 47.8	66 58.2	186	56173	-147	2	9	21
0540	43 49.1	66 58.1	190	56282	-45	2	19	32
0550	43 50.4	66 58.0	171	56340	6	2	18	29
0600	43 51.7	66 57.9	157	56277	-62	2	12	22
0610	43 53.0	66 57.9	149	56332	-13	2	12	22
0620	43 54.3	66 57.8	135	56379	26	2	18	27
0630	43 55.5	66 57.7	149	56239	-119	2	11	21
0640	43 56.8	66 57.6	157	56329	-35	2	17	27
0650	43 58.1	66 57.5	162	56347	-23	2	14	25
0700	43 59.4	66 57.4	162	56356	-20	*	*	*
0710	44 .7	66 57.3	166	56376	-7	*	*	*
0720	44 2.0	66 57.1	168	56431	41	3	13	24
0730	44 3.3	66 57.0	171	56485	89	3	13	24
0740	44 4.6	66 56.8	171	56419	17	*	*	*
0750	44 5.8	66 57.4	168	56470	60	-13	3	14
0800	44 7.0	66 58.0	157	56458	40	*	*	*
0810	44 8.1	66 58.7	155	56493	67	-15	2	12
0820	44 9.1	66 59.3	153	56475	41	*	*	*
0830	44 10.2	67 0	155	56543	101	*	*	*
0840	44 11.2	67 .7	155	56561	111	*	*	*
0850	44 12.3	67 1.3	155	56479	22	*	*	*
0900	44 13.3	67 2.0	155	56544	79	*	*	*
0910	44 14.2	67 2.7	118	56735	263	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0920	44 14.9	67 2.7	80	56447	-28	*	*	*
0930	44 15.6	67 2.0	65	56712	235	*	*	*
0940	44 15.7	67 .8	62	56563	90	*	*	*
0950	44 15.0	66 59.4	157	56649	185	*	*	*
1000	44 14.2	66 58.0	168	56538	84	*	*	*
1010	44 13.4	66 56.9	168	56503	57	*	*	*
1020	44 12.6	66 55.7	170	56473	35	*	*	*
1030	44 11.8	66 54.6	175	56463	33	26	-4	8
1040	44 11.0	66 53.5	177	56449	28	26	-1	11
1050	44 10.2	66 52.3	177	56432	19	26	-1	11
1100	44 9.4	66 51.2	170	56496	92	*	*	*
1110	44 8.6	66 50.2	148	56418	21	24	1	11
1120	44 7.8	66 49.1	140	56390	1	24	8	17
1130	44 7.0	66 48.1	142	56422	41	*	*	*
1140	44 6.5	66 47.2	135	56426	52	21	10	19
1150	44 5.9	66 46.2	91	56502	134	21	10	16
1200	44 5.4	66 45.3	84	56365	3	21	5	10
1400	44 7.3	66 50.4	149	56414	23	*	*	*
1410	44 6.9	66 49.5	148	56437	52	*	*	*
1420	44 6.4	66 48.6	148	56419	39	*	*	*
1430	44 6.0	66 47.7	142	56412	38	*	*	*
1440	44 5.6	66 46.8	98	56551	183	*	*	*
1450	44 5.2	66 45.9	84	56331	-31	20	5	10
1500	44 4.8	66 45.0	109	56282	-75	*	*	*
1510	44 4.2	66 44.2	109	56296	-54	19	1	8
1520	44 3.7	66 43.3	98	56310	-34	19	-5	1
1530	44 3.1	66 42.5	106	56306	-32	*	*	*
1540	44 2.7	66 41.4	98	56295	-37	26	1	7
1550	44 2.2	66 40.2	89	56294	-31	26	1	7
1600	44 1.8	66 39.1	109	56294	-25	*	*	*
1610	44 1.1	66 38.1	120	56288	-24	22	1	9
1620	44 .5	66 37.2	128	56273	-31	22	3	11
1630	43 59.8	66 36.2	98	56257	-40	*	*	*
1640	43 59.3	66 35.1	87	56255	-36	24	9	14
1650	43 58.7	66 34.1	87	56237	-47	25	3	8
1700	43 58.2	66 33.0	87	56222	-55	25	3	8

HUDSON 71-014 DAY 137 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	44 14.0	66 47.2	182	56492	80	*	*	*
0010	44 13.9	66 46.5	179	56454	45	*	*	*
0020	44 13.9	66 45.7	182	56477	71	*	*	*
0030	44 13.8	66 45.0	184	56465	62	*	*	*
0040	44 12.8	66 44.2	179	56465	70	19	4	16
0050	44 11.8	66 43.3	179	56426	40	19	1	13
0100	44 10.8	66 42.5	160	56450	72	*	*	*
0110	44 10.1	66 41.8	84	56480	108	16	5	10
0120	44 9.4	66 41.1	82	56365	0	16	5	10
0130	44 8.7	66 40.4	85	56328	-31	*	*	*
0140	44 7.9	66 39.5	91	56283	-68	20	2	8
0150	44 7.1	66 38.6	102	56287	-57	20	0	7
0200	44 6.3	66 37.8	89	56293	-44	20	3	9
0210	44 5.6	66 36.9	100	56287	-42	20	4	10
0220	44 4.8	66 36.0	102	56286	-36	20	3	10
0230	44 4.0	66 35.1	102	56288	-26	*	*	*
0240	44 3.2	66 34.1	137	56282	-24	24	9	18
0250	44 2.4	66 33.0	106	56261	-37	24	11	18
0300	44 1.6	66 32.0	91	56209	-81	24	7	13
0310	44 .8	66 31.0	87	56201	-81	24	2	7
0320	44 0	66 29.9	84	56194	-80	24	3	8
0330	43 59.2	66 28.9	84	56189	-77	24	14	19
0340	43 58.4	66 27.9	80	56187	-71	24	16	21
0350	43 57.6	66 26.8	78	56193	-57	24	21	26
0400	43 56.8	66 25.8	69	56177	-65	*	*	*
0410	43 58.3	66 26.3	71	56181	-71	*	*	*
0420	43 59.9	66 26.9	76	56220	-42	*	*	*
0430	44 1.4	66 27.4	78	56203	-69	*	*	*
0440	44 2.8	66 28.4	80	56192	-90	*	*	*
0450	44 4.1	66 29.3	91	56204	-89	*	*	*
0500	44 5.5	66 30.3	73	56198	-105	-21	13	18
0510	44 6.9	66 31.2	120	56216	-98	-21	8	16
0520	44 8.2	66 32.1	102	56217	-108	-21	3	10
0530	44 9.6	66 33.1	87	56232	-103	*	*	*
0540	44 11.0	66 33.7	95	56244	-100	-13	5	11
0550	44 12.4	66 34.3	95	56222	-132	*	*	*
0600	44 13.0	66 35.2	91	56333	-27	*	*	*
0610	44 12.6	66 36.2	58	56280	-82	-23	9	12
0620	44 12.3	66 37.2	65	56308	-56	*	*	*
0630	44 11.6	66 37.4	65	56473	110	-4	3	7
0640	44 10.9	66 37.6	87	56181	-178	-4	-1	4
0650	44 10.2	66 37.8	95	56097	-259	-4	0	6
0700	44 9.5	66 38.0	102	56111	-242	*	*	*
0710	44 8.4	66 38.7	106	56162	-189	-16	0	7
0720	44 7.3	66 39.4	95	56204	-144	-16	-2	4
0730	44 6.2	66 40.1	106	56208	-137	*	*	*
0740	44 5.2	66 40.9	106	56253	-90	-17	-1	6
0750	44 4.2	66 41.6	113	56267	-74	-17	0	7
0800	44 3.2	66 42.4	113	56271	-67	*	*	*
0810	44 2.3	66 43.4	117	56268	-70	-22	4	12

HUOSON 71-014 DAY 137 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVCS	F.A.	B.A.
0820	44 1.5	66 44.3	120	56252	-85	-22	10	18
0830	44 .6	66 45.3	122	56233	-103	*	*	*
0840	43 59.7	66 46.7	120	56041	-296	*	*	*
0850	43 58.7	66 48.0	113	56156	-181	-31	16	23
0900	43 57.8	66 49.4	117	56269	-69	*	*	*
0910	43 56.7	66 50.5	124	56285	-52	-26	15	23
0920	43 55.6	66 51.7	122	56462	126	-26	17	25
0930	43 54.6	66 52.8	131	56311	-23	-26	18	27
0940	43 53.5	66 53.9	142	56373	39	-26	17	26
0950	43 52.4	66 55.1	153	56319	-13	-26	14	24
1000	43 51.3	66 56.2	160	56309	-21	*	*	*
1010	43 50.2	66 57.2	179	56212	-117	-23	17	29
1020	43 49.1	66 58.3	190	56270	-57	-23	15	28
1030	43 48.0	66 59.3	190	56480	154	-23	15	28
1040	43 46.9	67 .3	181	56156	-168	-23	18	30
1050	43 45.9	67 1.4	149	56172	-150	*	*	*
1100	43 44.8	67 2.4	153	56135	-185	-24	15	25
1110	43 43.7	67 3.4	131	56137	-182	-24	14	23
1120	43 42.7	67 4.5	128	56139	-178	-24	12	20
1130	43 41.6	67 5.5	129	56046	-270	-24	11	19
1400	43 40.3	67 8.5	*	56185	-135	58	0	*
1410	43 40.5	67 6.0	128	56170	-142	*	*	*
1420	43 40.7	67 3.6	146	56091	-213	*	*	*
1430	43 40.9	67 1.1	146	56268	-27	*	*	*
1440	43 41.0	66 58.1	120	56210	-74	*	*	*
1450	43 41.1	66 55.0	142	56161	-112	*	*	*
1500	43 41.2	66 52.0	124	56110	-152	*	*	*
1510	43 41.1	66 49.0	113	56058	-192	*	*	*
1520	43 41.1	66 46.0	120	56054	-184	*	*	*
1530	43 41.0	66 43.0	128	56001	-226	*	*	*
1620	43 42.3	66 42.5	*	56034	-197	2	0	*
1630	43 44.0	66 42.4	*	56064	-176	0	0	*
1640	43 46.5	66 41.8	106	56084	-166	*	*	*
1650	43 48.9	66 41.2	87	56120	-141	*	*	*
1700	43 51.4	66 40.6	95	56138	-133	*	*	*
1710	43 53.8	66 39.9	117	56173	-108	17	9	17
1720	43 56.2	66 39.2	109	56198	-93	17	10	17
1730	43 58.6	66 38.5	106	56230	-70	17	8	15
1740	44 1.1	66 37.8	117	56285	-25	17	5	13
1750	44 3.5	66 37.1	106	56315	-5	17	0	7
1800	44 5.9	66 36.4	98	56313	-16	17	-1	5
1810	44 8.3	66 35.7	98	56292	-47	16	3	9
2340	44 7.1	66 34.2	87	56302	-25	*	*	*
2350	44 7.2	66 37.2	98	56324	-15	*	*	*

HUDSON 71-014 DAY 138 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.	
0000	44	7.2	66 40.2	93	56344	-6	-65	50	56
0010	44	7.3	66 43.0	104	56319	-43	-65	-1	6
0020	44	7.4	66 45.9	78	56402	28	-65	10	15
0030	44	7.5	66 48.7	107	56429	44	-65	7	14
0040	44	7.6	66 51.5	157	56460	63	-65	0	10
0050	44	7.7	66 54.4	171	56494	86	-65	-2	9
0100	44	7.8	66 57.2	160	56448	29	*	*	*
0110	44	8.1	67 .2	151	56480	48	-68	3	13
0120	44	8.3	67 3.2	124	56395	-49	-68	7	15
0130	44	8.6	67 6.2	73	56292	-165	*	*	*
0140	44	8.8	67 9.2	67	56381	-88	-69	20	24
0150	44	8.9	67 12.3	164	56588	106	-69	29	40
0200	44	9.1	67 15.3	131	56501	7	-69	30	39
0210	44	9.3	67 18.3	149	56306	-200	-69	24	34
0220	44	9.5	67 21.4	190	56220	-298	-69	17	30
0230	44	9.7	67 24.4	245	56222	-309	*	*	*
0240	44	9.7	67 27.1	232	56223	-318	-61	4	19
0250	44	9.7	67 29.8	197	56173	-378	-61	8	21
0300	44	9.7	67 32.5	182	56334	-227	*	*	*
0310	44	9.8	67 34.9	193	56358	-213	-55	32	45
0320	44	9.9	67 37.3	146	56193	-387	-55	42	52
0330	44	10.1	67 39.8	109	56218	-372	-55	29	36
0340	44	10.2	67 42.2	204	56255	-345	*	*	*
0350	44	9.6	67 45.2	142	56246	-362	-68	17	26
0400	44	8.9	67 48.1	113	56544	-71	-68	15	22
0410	44	8.3	67 51.1	98	56722	98	-68	6	12
0420	44	7.7	67 54.1	102	56869	237	-68	13	20
0430	44	7.1	67 57.1	142	56675	35	-68	11	20
0440	44	6.4	68 .0	95	56382	-265	-68	9	15
0450	44	5.8	68 3.0	91	56362	-293	*	*	*
0500	44	4.1	68 4.2	102	*	*	*	*	*
0510	44	2.5	68 5.4	100	56555	-92	*	*	*
0520	44	.8	68 6.6	100	56710	66	-27	-1	5
0530	43	59.9	68 5.8	104	*	*	*	*	*
0540	43	59.7	68 2.9	129	*	*	*	*	*
0550	43	59.6	68 .1	168	56334	-278	67	19	30
0600	43	59.4	67 57.2	142	*	*	*	*	*
0610	43	59.3	67 54.4	133	*	*	66	35	44
0620	43	59.2	67 51.5	137	*	*	66	37	46
0630	43	59.1	67 48.7	168	*	*	66	33	44
0640	43	59.0	67 45.9	212	*	*	66	27	41
0650	43	58.9	67 43.0	204	*	*	66	23	37
0700	43	58.8	67 40.2	219	*	*	66	13	28
0710	43	58.7	67 37.4	212	*	*	66	10	24
0720	43	58.6	67 34.5	215	*	*	66	3	17
0730	43	58.5	67 31.7	213	*	*	66	4	18
0740	43	58.4	67 28.9	199	*	*	66	14	27
0750	43	58.3	67 26.0	197	*	*	66	16	29
0800	43	58.2	67 23.2	175	*	*	*	*	*
0810	43	58.3	67 20.3	190	*	*	69	25	38

HUDSON 71-014 DAY 138 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	43 58.3	67 17.3	208	*	*	69	15	29
0830	43 58.4	67 14.4	171	*	*	69	20	31
0840	43 58.5	67 11.4	149	*	*	69	19	29
0850	43 58.5	67 8.4	126	*	*	69	10	18
0900	43 58.6	67 5.5	149	*	*	*	*	*
0910	43 58.6	67 2.7	164	*	*	65	8	19
0920	43 58.7	66 60.0	162	*	*	65	3	14
0930	43 58.7	66 57.2	160	*	*	65	8	19
0940	43 58.8	66 54.4	155	*	*	65	5	15
0950	43 58.8	66 51.7	120	*	*	65	6	14
1000	43 58.9	66 48.9	117	*	*	65	11	19
1010	43 58.9	66 46.1	144	*	*	*	*	*
1020	43 59.0	66 43.4	98	*	*	*	*	*
1030	43 59.0	66 40.6	128	*	*	*	*	*
1040	43 59.1	66 37.7	102	*	*	*	*	*
1050	43 59.2	66 34.8	91	*	*	68	3	9
1100	43 59.2	66 31.9	87	*	*	68	1	6
1110	43 59.3	66 29.0	80	*	*	68	11	16
1120	43 59.4	66 26.1	73	*	*	68	20	25
1130	43 59.5	66 23.2	60	*	*	*	*	*
1140	44 .0	66 23.7	64	*	*	*	*	*
1150	44 .6	66 24.2	67	*	*	*	*	*
1200	44 1.1	66 24.7	67	*	*	*	*	*
1210	44 1.6	66 25.2	73	*	*	*	*	*
1220	44 2.2	66 25.7	71	*	*	-11	10	14
1230	44 2.7	66 26.2	89	*	*	*	*	*
1240	44 3.3	66 26.8	69	*	*	-13	7	11
1250	44 3.9	66 27.3	82	*	*	*	*	*
1300	44 4.5	66 27.9	80	*	*	-13	3	8
1310	44 5.2	66 28.5	34	*	*	-13	8	10
1320	44 5.8	66 29.0	65	*	*	-13	6	10
1330	44 6.4	66 29.6	118	*	*	*	*	*
1340	44 7.1	66 30.4	122	*	*	-18	-1	7
1350	44 7.8	66 31.2	102	*	*	-18	-4	3
1400	44 8.5	66 32.0	87	*	*	-18	-3	2
1410	44 9.2	66 32.8	91	*	*	-18	-5	1
1420	44 9.8	66 33.7	87	*	*	-18	-6	-1
1430	44 10.5	66 34.5	87	*	*	-18	-7	-2
1440	44 11.2	66 35.3	76	*	*	*	*	*
1450	44 11.9	66 36.1	45	*	*	*	*	*
1500	44 12.6	66 36.9	42	*	*	*	*	*
1510	44 13.3	66 37.6	117	*	*	*	*	*
1520	44 14.0	66 38.3	175	*	*	*	*	*
1530	44 14.7	66 39.0	186	*	*	*	*	*
1540	44 15.6	66 39.6	186	*	*	-14	-6	6
1830	44 14.9	66 40.9	*	56454	61	23	0	*
1840	44 15.6	66 39.9	190	56427	34	*	*	*
1850	44 16.3	66 38.9	193	56430	38	*	*	*
1900	44 17.0	66 37.9	197	56426	34	*	*	*
1910	44 17.7	66 36.6	197	56419	29	30	-5	8

HUDSON 71-014 DAY 138 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1920	44 18.4	66 35.2	197	56412	24	30	3	16
1930	44 19.0	66 33.9	199	56393	6	30	2	15
1940	44 19.7	66 32.6	199	56405	20	30	2	15
1950	44 20.4	66 31.2	199	56390	7	30	0	13
2000	44 21.1	66 29.9	197	56382	1	30	-7	6
2010	44 21.9	66 28.6	197	56366	-13	30	-3	10
2020	44 22.6	66 27.3	190	56373	-5	30	-3	10
2030	44 23.4	66 26.0	190	56366	-11	30	-7	6
2040	44 24.2	66 24.7	190	56368	-8	30	-3	10
2050	44 25.0	66 23.4	184	56358	-17	30	-4	8
2100	44 25.8	66 22.1	179	56345	-28	*	*	*
2110	44 26.5	66 20.6	171	56342	-29	33	-1	10
2120	44 27.2	66 19.2	160	56316	-53	33	-1	10
2130	44 27.9	66 17.7	149	56310	-57	33	1	11

HUDSON 71-014 DAY 139 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0000	44 30.4	66 26.3	197	56330	-82	*	*	*
0010	44 28.5	66 24.5	179	56320	-76	*	*	*
0020	44 26.7	66 22.8	175	56329	-51	41	1	13
0030	44 24.8	66 21.0	166	56303	-61	*	*	*
0040	44 23.2	66 19.5	113	56317	-33	36	1	8
0050	44 21.6	66 17.9	87	56348	11	*	*	*
0100	44 22.3	66 18.8	102	56312	-31	*	*	*
0110	44 23.0	66 19.6	117	56293	-57	*	*	*
0120	44 23.7	66 20.5	155	56307	-50	-19	-1	9
0130	44 24.3	66 21.4	175	56320	-43	-19	-2	10
0140	44 25.0	66 22.2	179	56334	-36	-19	-4	8
0150	44 25.7	66 23.1	182	56313	-64	-19	-4	8
0200	44 26.4	66 24.0	182	56317	-67	-19	-3	9
0210	44 27.1	66 24.9	182	56319	-71	-19	-2	10
0220	44 27.8	66 25.7	186	56325	-72	-19	-6	6
0230	44 28.4	66 26.6	192	56326	-78	-19	-5	8
0240	44 29.1	66 27.5	192	56335	-76	-19	-3	10
0250	44 29.8	66 28.3	182	56344	-73	-19	-5	7
0300	44 30.5	66 29.2	153	56352	-72	*	*	*
0310	44 31.2	66 29.6	153	56358	-71	-9	0	10
0320	44 31.9	66 30.1	168	56365	-69	-9	1	12
0330	44 32.6	66 30.5	182	56369	-70	-9	-1	11
0340	44 33.3	66 30.9	193	56376	-68	-9	0	13
0350	44 34.0	66 31.4	197	56387	-63	-9	-2	11
0400	44 34.7	66 31.8	197	56385	-70	*	*	*
0410	44 35.7	66 32.3	188	56393	-68	-11	-2	10
0420	44 36.6	66 32.8	186	56401	-67	-11	-2	10
0430	44 37.6	66 33.3	173	56421	-54	*	*	*
0440	44 38.5	66 33.9	159	56434	-47	-13	-5	5
0450	44 39.3	66 34.5	153	56448	-40	-13	-5	5
0500	44 40.2	66 35.1	142	56451	-43	*	*	*
0510	44 41.2	66 36.1	138	56464	-39	-21	-8	1
0520	44 42.2	66 37.0	131	56465	-46	-21	-9	0
0530	44 43.2	66 38.0	120	56543	22	-21	-11	-3
0540	44 44.0	66 38.9	104	56518	-9	*	*	*
0550	44 44.7	66 39.9	91	56566	31	*	*	*
0600	44 45.5	66 40.8	82	56589	47	*	*	*
0610	44 46.3	66 41.9	76	56559	9	-24	-6	-1
0720	44 47.8	66 38.5	111	*	*	*	*	*
0730	44 46.1	66 38.5	106	*	*	*	*	*
0740	44 43.9	66 38.0	115	*	*	*	*	*
0750	44 41.8	66 37.6	126	*	*	*	*	*
0800	44 39.6	66 37.1	128	*	*	*	*	*
0810	44 38.3	66 36.9	124	*	*	*	*	*
0820	44 37.0	66 36.7	118	*	*	*	*	*
0830	44 35.8	66 36.1	102	56507	29	*	*	*
0840	44 34.9	66 35.2	138	56399	-69	*	*	*
0850	44 34.0	66 34.1	164	56434	-26	*	*	*
0900	44 33.2	66 33.0	179	56406	-46	*	*	*
0910	44 32.4	66 32.1	186	56369	-75	*	*	*



HUDSON 71-014 DAY 139 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0920	44 31.5	66 31.1	179	56359	-78	*	*	*
0930	44 30.7	66 30.2	171	56348	-81	*	*	*
0940	44 29.9	66 29.3	186	56336	-85	21	1	13
0950	44 29.0	66 28.3	195	56330	-84	21	0	13
1000	44 28.2	66 27.4	197	56326	-80	*	*	*
1010	44 27.2	66 26.8	195	56327	-72	13	-5	8
1020	44 26.2	66 26.2	190	56328	-63	13	1	14
1030	44 25.2	66 25.6	190	56330	-54	*	*	*
1040	44 24.1	66 25.1	190	56330	-47	11	-5	8
1050	44 23.1	66 24.6	190	56319	-51	11	-5	8
1100	44 22.0	66 24.1	184	56324	-38	*	*	*
1110	44 21.2	66 23.3	168	56316	-39	*	*	*
1120	44 20.4	66 22.5	122	56265	-83	*	*	*
1130	44 19.6	66 21.7	87	56241	-100	*	*	*
1430	44 25.8	66 27.9	192	56312	-84	*	*	*
1440	44 26.5	66 28.3	195	56316	-85	*	*	*
1450	44 27.2	66 28.8	193	56320	-86	*	*	*
1500	44 27.9	66 29.2	190	56336	-75	*	*	*
1510	44 28.8	66 29.3	182	56344	-72	-2	1	13
1520	44 29.7	66 29.5	182	56349	-72	-2	-3	9
1530	44 30.6	66 29.6	164	56347	-79	*	*	*
1730	44 18.1	66 20.8	51	56324	-6	*	*	*
1740	44 17.3	66 22.0	47	56567	235	*	*	*
1750	44 16.9	66 23.0	65	56266	-67	*	*	*
1800	44 16.6	66 24.0	58	56173	-162	*	*	*
1810	44 16.3	66 24.9	54	56207	-131	-21	10	13
1820	44 16.1	66 25.9	62	56221	-119	*	*	*
1830	44 16.9	66 26.8	43	56208	-140	*	*	*
1840	44 17.7	66 27.8	87	56343	-12	*	*	*
1850	44 18.5	66 28.8	193	56361	-2	*	*	*
1900	44 19.3	66 29.7	197	56349	-22	*	*	*
1910	44 20.2	66 30.8	197	56373	-6	-25	-14	-1
1920	44 21.1	66 32.0	195	56366	-22	-25	-2	11
1930	44 22.0	66 33.1	195	56356	-41	*	*	*
1940	44 23.1	66 33.9	199	56358	-47	-18	5	18
1950	44 24.1	66 34.7	197	56380	-34	-18	5	18
2000	44 25.2	66 35.5	199	56443	20	-18	7	20
2010	44 26.3	66 36.3	193	56794	363	-18	13	26
2020	44 27.3	66 37.1	84	56635	195	-18	23	28
2030	44 28.4	66 37.9	74	56602	154	*	*	*
2040	44 29.4	66 38.7	137	56304	-151	*	*	*
2050	44 30.5	66 39.5	102	56244	-220	*	*	*
2100	44 31.2	66 40.5	51	56300	-171	-21	36	39
2110	44 31.9	66 41.4	25	56315	-163	*	*	*
2300	44 26.0	66 39.8	193	56483	39	*	*	*
2310	44 27.0	66 37.1	87	56665	227	*	*	*
2320	44 28.0	66 34.3	208	56442	9	*	*	*
2330	44 29.0	66 31.6	190	56381	-45	*	*	*
2340	44 29.7	66 29.1	188	56356	-64	57	-10	2
2350	44 30.4	66 26.6	199	56341	-73	*	*	*

HUDSON 71-014 DAY 140 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	44 29.4	66 27.3	197	56348	-63	*	*	*
0010	44 28.4	66 28.0	197	56345	-64	-15	0	13
0020	44 27.5	66 28.7	197	56343	-64	-15	0	13
0030	44 26.5	66 29.4	199	56338	-67	-15	2	15
0130	44 26.3	66 30.8	195	56328	-82	*	*	*
0140	44 25.2	66 31.9	177	56332	-77	*	*	*
0150	44 24.2	66 33.1	274	56350	-58	-25	-1	17
0200	44 23.1	66 34.2	197	56359	-48	*	*	*
0210	44 21.8	66 35.2	201	56374	-30	-23	-10	3
0220	44 20.5	66 36.3	204	56373	-29	-23	-7	7
0230	44 19.2	66 37.3	197	56369	-30	*	*	*
0240	44 19.3	66 39.0	190	56376	-31	-39	-2	11
0250	44 19.5	66 40.8	182	56396	-18	-39	-2	10
0300	44 19.6	66 42.5	182	56399	-22	*	*	*
0310	44 19.8	66 44.0	182	56411	-17	-35	1	13
0320	44 20.1	66 45.6	182	56430	-6	-35	1	13
0330	44 20.3	66 47.1	190	56467	23	-35	2	15
0340	44 20.6	66 48.7	179	56508	57	-35	5	17
0350	44 20.8	66 50.2	175	56490	32	-35	12	24
0400	44 21.1	66 51.8	124	56429	-35	*	*	*
0410	44 21.3	66 53.3	106	56356	-115	*	*	*
0420	44 21.6	66 54.9	107	56285	-193	*	*	*
0430	44 21.8	66 56.4	120	56275	-210	*	*	*
0440	44 22.4	66 58.3	124	56330	-165	-42	9	17
0450	44 22.9	67 .1	124	56362	-143	-42	11	19
0500	44 23.5	67 2.0	126	56384	-131	-42	13	21
0510	44 24.1	67 3.8	128	56344	-181	-42	14	22
0520	44 24.6	67 5.7	120	56697	162	-42	22	30
0530	44 24.5	67 6.4	98	56494	-42	*	*	*
0540	44 23.6	67 5.9	135	56470	-60	*	*	*
0550	44 22.8	67 5.5	142	56441	-83	*	*	*
0600	44 21.9	67 5.0	138	56470	-48	*	*	*
0610	44 20.9	67 4.2	135	56532	20	17	11	20
0620	44 20.0	67 3.5	131	56454	-49	*	*	*
0630	44 19.0	67 2.7	128	56506	10	*	*	*
0640	44 18.1	67 1.7	109	56518	30	22	18	25
0650	44 17.3	67 .0	80	56565	85	22	9	14
0700	44 16.4	66 59.0	60	56622	150	*	*	*
0710	44 15.8	66 58.7	160	56539	74	26	3	14
0720	44 15.2	66 57.5	170	56526	68	26	0	11
0730	44 14.6	66 56.4	170	56530	80	26	-2	9
0740	44 14.0	66 55.3	173	56469	26	*	*	*
0750	44 13.4	66 54.1	179	56495	59	*	*	*
0800	44 12.8	66 53.0	181	56469	41	*	*	*
0810	44 12.1	66 52.5	182	56442	19	*	*	*
0820	44 12.0	66 52.9	181	56475	51	*	*	*
0830	44 12.4	66 54.4	177	56471	39	*	*	*
0840	44 12.9	66 55.8	171	56469	30	*	*	*
0850	44 13.3	66 57.2	170	56516	69	-33	-3	8
0900	44 13.7	66 58.7	168	56551	96	-33	-3	8

HUDSON 71-014 DAY 140 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0910	44 14.1	67 .1	159	56551	89	-33	1	11
0920	44 14.6	67 1.6	74	56512	42	-33	9	14
0930	44 15.0	67 3.0	67	56367	-110	*	*	*
0940	44 15.4	67 4.6	93	56656	171	-35	15	21
0950	44 15.7	67 6.1	137	56693	200	-35	20	29
1000	44 16.1	67 7.7	148	56326	-174	-35	10	20
1010	44 16.5	67 9.3	157	56328	-180	-35	4	14
1020	44 16.8	67 10.8	186	56367	-148	-35	2	14
1030	44 17.2	67 12.4	188	56418	-105	*	*	*
1040	44 17.7	67 14.0	181	56473	-58	-36	6	18
1050	44 18.1	67 15.6	192	56478	-62	-36	7	20
1100	44 18.6	67 17.2	179	56511	-37	*	*	*
1110	44 18.9	67 19.0	155	56573	16	-40	11	21
1120	44 19.3	67 20.7	164	56414	-151	*	*	*
1130	44 19.6	67 22.5	168	56442	-131	*	*	*
1200	44 20.2	67 27.1	76	56668	74	*	*	*
1210	44 18.6	67 29.2	109	56425	-168	*	*	*
1220	44 17.0	67 31.4	115	56679	85	*	*	*
1230	44 15.4	67 33.5	164	56371	-222	*	*	*
1240	44 13.6	67 35.8	160	56453	-140	*	*	*
1250	44 11.9	67 38.2	117	56464	-129	*	*	*
1300	44 10.1	67 40.5	*	55444	-1149	-53	0	*

HUDSON 71-014 DAY 141 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0050	44 1.6	67 20.2	164	56428	-46	*	*	*
0100	44 2.9	67 21.2	149	56558	73	*	*	*
0110	44 4.0	67 21.5	135	56879	387	-6	25	34
0120	44 5.1	67 21.7	138	56216	-282	*	*	*
0130	44 6.2	67 22.0	153	56287	-217	*	*	*
0140	44 7.2	67 22.3	164	56324	-186	-7	8	19
0150	44 8.1	67 22.7	164	56322	-194	-7	8	19
0200	44 9.1	67 23.0	188	56318	-204	-7	5	17
0210	44 10.1	67 23.3	202	56325	-204	-7	2	15
0220	44 11.0	67 23.7	223	56340	-195	-7	-1	14
0230	44 12.0	67 24.0	232	56346	-195	*	*	*
0240	44 12.9	67 24.1	230	56347	-199	-2	1	16
0250	44 13.9	67 24.3	235	56359	-192	-2	2	18
0300	44 14.8	67 24.4	245	56401	-155	-2	1	17
0310	44 15.7	67 24.5	228	56507	-54	-2	5	20
0320	44 16.7	67 24.7	223	56690	122	-2	9	24
0330	44 17.6	67 24.8	219	56608	35	-2	16	31
0340	44 18.5	67 24.9	179	56489	-88	-2	20	32
0350	44 19.5	67 25.1	135	56521	-61	-2	26	35
0400	44 20.4	67 25.2	98	56559	-28	*	*	*
0410	44 19.8	67 24.3	146	56636	54	*	*	*
0420	44 19.3	67 23.4	91	56490	-85	*	*	*
0430	44 18.7	67 22.5	168	56481	-88	*	*	*
0440	44 17.8	67 21.5	160	56506	-54	24	14	25
0450	44 16.9	67 20.4	171	56584	31	24	13	24
0500	44 16.0	67 19.4	179	56468	-75	24	9	21
0510	44 15.1	67 18.4	199	56438	-97	24	7	20
0520	44 14.2	67 17.3	186	56432	-95	24	6	18
0530	44 13.3	67 16.3	181	56402	-116	24	6	18
0540	44 12.4	67 15.2	162	56347	-163	24	14	25
0550	44 11.6	67 14.2	128	56508	5	24	26	34
0600	44 10.7	67 13.1	128	57005	511	*	*	*
0610	44 10.0	67 11.9	142	56720	234	28	24	33
0620	44 9.3	67 10.7	146	56531	53	28	20	30
0630	44 8.7	67 9.4	69	56674	204	28	20	24
0640	44 8.0	67 8.2	53	56423	-38	28	14	17
0650	44 7.3	67 7.0	56	56445	-8	28	11	14
0700	44 6.6	67 5.8	113	56631	185	*	*	*
0710	44 5.9	67 4.6	113	56473	35	*	*	*
0720	44 5.3	67 3.4	122	56413	-16	*	*	*
0730	44 4.6	67 2.2	140	56541	119	28	4	13
0740	44 3.9	67 1.0	153	56407	-6	28	11	21
0750	44 3.3	66 59.8	155	56431	25	28	10	20
0800	44 2.6	66 58.6	160	56432	34	28	9	20
0810	44 1.9	66 57.4	162	56437	47	28	10	21
0820	44 1.3	66 56.2	160	56381	0	28	10	21
0830	44 .6	66 55.0	155	56377	3	*	*	*
0840	44 .9	66 53.5	149	56412	42	35	4	14
0850	44 1.3	66 51.9	138	56362	-3	35	10	19
0900	44 1.6	66 50.4	124	56405	43	35	10	18

HUDSON 71-014 DAY 141 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0910	44 2.3	66 48.9	102	56200	-159	35	9	16
0920	44 3.1	66 47.3	76	56248	-109	35	8	13
0930	44 3.8	66 45.8	98	56255	-100	*	*	*
0940	44 4.5	66 44.3	106	56301	-51	34	-2	5
0950	44 5.1	66 42.9	96	56328	-22	34	-1	5
1000	44 5.8	66 41.4	87	56326	-22	34	-3	2
1010	44 6.4	66 39.9	93	56329	-16	34	-2	4
1020	44 6.9	66 38.5	100	56309	-33	34	-2	4
1030	44 7.5	66 37.0	91	56297	-42	34	-3	3
1100	44 8.2	66 36.0	95	56278	-61	27	0	6
1110	44 7.9	66 34.8	84	56269	-64	27	-1	4
1120	44 7.5	66 33.6	84	56255	-72	27	5	10
1130	44 7.2	66 32.4	80	56239	-81	*	*	*
1140	44 6.7	66 31.4	107	56228	-86	23	0	7
1150	44 6.3	66 30.4	91	56215	-93	23	2	8
1200	44 5.8	66 29.4	56	56175	-127	23	9	12
1210	44 5.3	66 28.4	73	56215	-80	23	3	8
1220	44 4.9	66 27.4	91	56218	-71	23	8	14
1230	44 4.4	66 26.4	78	56191	-92	23	6	11
1240	44 4.0	66 25.4	62	56203	-74	23	15	19
1250	44 3.5	66 24.4	67	56224	-47	23	17	21
1300	44 3.1	66 23.4	60	56197	-68	23	19	23
1310	44 2.7	66 22.4	54	56103	-156	23	19	22
1320	44 2.2	66 21.4	51	56207	-46	23	26	29
1330	44 1.8	66 20.4	53	56212	-35	*	*	*
1340	44 1.5	66 23.4	53	56159	-98	*	*	*
1350	44 1.2	66 26.5	58	56258	-9	*	*	*
1400	43 60.0	66 26.0	69	56240	-19	*	*	*
1410	43 58.7	66 25.4	58	56203	-47	*	*	*
1420	43 57.6	66 25.3	58	56189	-55	*	*	*
1430	43 57.0	66 26.8	64	56148	-99	*	*	*
1440	43 56.9	66 28.2	80	56140	-111	-31	14	19
1450	43 56.7	66 29.5	91	56153	-103	-31	14	20
1500	43 56.6	66 30.9	91	56166	-95	*	*	*
1510	43 56.4	66 32.3	87	56258	-7	-33	11	16
1520	43 56.1	66 33.8	80	56191	-78	-33	19	24
1530	43 55.9	66 35.2	65	56195	-79	*	*	*
1540	43 55.8	66 36.8	95	56177	-102	-37	8	14
1550	43 55.7	66 38.5	93	56172	-113	-37	14	20
1600	43 55.7	66 40.1	109	56169	-122	-37	13	20
1610	43 55.6	66 41.7	128	56166	-131	-37	10	18
1620	43 55.5	66 43.4	142	56190	-113	-37	2	11
1630	43 55.4	66 45.0	124	56201	-108	*	*	*
1640	43 55.4	66 46.7	100	56162	-153	-38	-6	0
1650	43 55.5	66 48.3	102	56022	-300	-38	6	13
1700	43 55.5	66 50.0	117	56381	52	-38	20	28
1710	43 55.6	66 51.7	113	56346	10	-38	16	23
1720	43 55.6	66 53.3	124	56375	32	-38	18	26
1730	43 55.7	66 55.0	138	56362	13	-38	17	26
1740	43 55.7	66 56.7	146	56289	-66	-38	10	20

HUDSON 71-014 DAY 141 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1750	43 55.7	66 58.3	131	56288	-73	-38	14	23
1800	43 55.8	67 0	144	56423	54	-38	13	22
1810	43 55.8	67 1.7	157	56350	-24	-38	4	14
1820	43 55.9	67 3.3	155	56462	80	-38	2	12
1830	43 55.9	67 5.0	160	56415	26	*	*	*
1840	43 56.0	67 6.6	164	56422	27	-36	18	29
1850	43 56.0	67 8.1	157	56485	84	-36	20	30
1900	43 56.1	67 9.7	128	56312	-94	-36	20	28
1910	43 56.1	67 11.3	128	56357	-55	-36	22	30
1920	43 56.2	67 12.8	138	56405	-14	-36	22	31
1930	43 56.2	67 14.4	160	56390	-35	*	*	*
1940	43 56.1	67 16.1	182	56358	-73	-39	16	28
1950	43 56.1	67 17.8	199	56344	-93	-39	17	30
2000	43 56.0	67 19.5	204	56356	-87	*	*	*
2010	43 55.9	67 21.2	195	56395	-54	*	*	*
2020	43 55.9	67 22.9	208	56454	-1	*	*	*
2030	43 55.8	67 24.6	215	56505	43	*	*	*
2040	43 55.9	67 26.2	192	56451	-16	*	*	*
2050	43 55.9	67 27.9	179	56547	72	*	*	*
2100	43 56.0	67 29.5	186	56643	162	*	*	*
2110	43 56.1	67 31.1	201	56437	-50	*	*	*
2120	43 56.1	67 32.8	208	56380	-113	*	*	*
2130	43 56.2	67 34.4	204	56378	-122	*	*	*
2140	43 56.3	67 36.0	201	56386	-120	*	*	*
2150	43 56.4	67 37.7	197	56377	-136	*	*	*
2200	43 56.5	67 39.3	190	56386	-134	*	*	*
2210	43 56.6	67 40.9	204	56406	-120	*	*	*
2220	43 56.7	67 42.6	237	56498	-35	*	*	*
2230	43 56.8	67 44.2	226	56580	40	*	*	*
2240	43 56.9	67 45.9	160	56875	328	*	*	*
2250	43 56.9	67 47.5	173	*	*	*	*	*
2300	43 57.0	67 49.2	157	56464	-95	*	*	*
2310	43 57.0	67 51.0	138	56517	-48	*	*	*
2320	43 56.9	67 52.7	135	56670	97	*	*	*
2330	43 56.9	67 54.5	142	56963	384	*	*	*
2340	43 56.9	67 56.3	140	56818	233	*	*	*
2350	43 56.8	67 58.0	157	56628	36	*	*	*

HUDSON 71-014 DAY 142 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	43 56.8	67 59.8	162	56476	-121	*	*	*
0010	43 56.8	68 1.7	175	56559	-45	*	*	*
0020	43 56.8	68 3.5	182	56546	-65	*	*	*
0030	43 56.8	68 5.4	153	56660	41	*	*	*
0040	43 55.5	68 5.5	153	56776	163	*	*	*
0050	43 54.3	68 5.7	179	56839	232	*	*	*
0100	43 53.0	68 5.8	179	56681	80	*	*	*
0200	43 53.1	68 3.9	166	56560	-33	34	15	26
0210	43 53.0	68 2.4	164	56582	-5	34	18	29
0220	43 52.9	68 1.0	171	56656	74	34	20	31
0230	43 52.8	67 59.5	182	56556	-20	*	*	*
0240	43 52.8	67 57.8	171	56570	0	38	24	35
0250	43 52.8	67 56.2	159	56474	-89	38	24	34
0300	43 52.8	67 54.5	179	56482	-75	38	23	35
0310	43 52.8	67 52.9	201	56227	-324	38	23	36
0320	43 52.8	67 51.2	179	56640	94	38	27	39
0330	43 52.8	67 49.6	190	56543	3	38	23	36
0340	43 52.8	67 47.9	204	56393	-140	38	19	33
0350	43 52.8	67 46.3	212	56407	-120	38	14	28
0400	43 52.8	67 44.6	223	56514	-6	*	*	*
0410	43 52.9	67 43.0	226	56583	67	37	7	22
0420	43 52.9	67 41.4	202	56479	-30	37	5	18
0430	43 53.0	67 39.8	193	56478	-26	37	6	19
0440	43 53.1	67 38.2	201	56471	-27	37	5	18
0450	43 53.1	67 36.6	208	56516	23	37	3	17
0500	43 53.2	67 35.0	219	56524	36	*	*	*
0510	43 53.1	67 33.3	204	56493	12	39	8	22
0520	43 52.9	67 31.7	210	56508	34	39	9	23
0530	43 52.8	67 30.0	224	56539	72	39	11	26
0540	43 52.7	67 28.3	197	56464	4	39	12	25
0550	43 52.5	67 26.7	210	56380	-72	39	10	24
0600	43 52.4	67 25.0	215	56344	-101	*	*	*
0610	43 52.3	67 23.2	215	56338	-100	43	16	30
0620	43 52.3	67 21.3	215	56333	-98	43	18	32
0630	43 52.2	67 19.5	210	56304	-119	43	20	34
0640	43 52.1	67 17.7	190	56313	-103	43	27	40
0650	43 52.1	67 15.8	181	56402	-7	43	32	44
0700	43 52.0	67 14.0	177	56573	170	*	*	*
0710	43 52.1	67 12.3	164	56391	-5	40	28	39
0720	43 52.1	67 10.6	144	56335	-54	40	28	37
0730	43 52.2	67 8.9	142	56217	-166	*	*	*
0740	43 52.2	67 7.2	151	56321	-56	39	16	26
0750	43 52.3	67 5.5	151	56320	-51	39	14	24
0800	43 52.3	67 3.8	151	56325	-40	39	13	23
0810	43 52.3	67 2.1	151	56271	-87	39	11	21
0820	43 52.4	67 .5	151	56252	-100	39	12	22
0830	43 52.4	66 58.8	146	56250	-96	39	12	22
0840	43 52.5	66 57.1	157	56283	-57	39	15	25
0850	43 52.5	66 55.5	157	56341	6	39	17	27
0900	43 52.6	66 53.8	142	56351	22	39	17	26

HUDSON 71-014 DAY 142 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0910	43 52.7	66 52.1	128	56448	125	39	14	22
0920	43 52.7	66 50.5	129	56171	-145	39	18	26
0930	43 52.8	66 48.8	117	56338	27	*	*	*
0940	43 52.8	66 47.2	126	56135	-169	37	15	23
0950	43 52.7	66 45.6	113	56353	55	37	12	19
1000	43 52.7	66 44.1	138	56137	-154	37	14	23
1010	43 52.7	66 42.5	102	56151	-134	37	17	24
1020	43 52.6	66 40.9	98	56154	-125	37	18	24
1030	43 52.6	66 39.3	98	56158	-115	37	21	27
1040	43 52.6	66 37.8	100	56167	-99	*	*	*
1050	43 52.5	66 36.2	91	56194	-66	37	24	30
1100	43 52.5	66 34.6	128	56196	-58	*	*	*
1910	43 45.0	66 25.0	80	56122	-56	-30	30	35
1920	43 44.7	66 26.3	67	56077	-105	-30	35	39
1930	43 44.5	66 27.6	62	56112	-73	*	*	*
1940	43 44.6	66 29.5	84	56127	-66	-43	11	16
1950	43 44.6	66 31.3	95	56106	-95	-43	14	20
2000	43 44.7	66 33.2	98	56080	-128	-43	18	24
2010	43 44.8	66 35.1	109	56099	-117	*	*	*
2020	43 44.8	66 36.9	98	56109	-114	*	*	*
2030	43 44.9	66 38.8	120	56097	-134	*	*	*
2040	43 45.3	66 40.5	85	56089	-151	-40	15	20
2050	43 45.8	66 42.3	95	56090	-159	-40	24	30
2100	43 46.2	66 44.0	109	56107	-150	*	*	*
2110	43 46.3	66 45.8	120	56124	-141	-41	12	20
2120	43 46.4	66 47.6	146	56157	-115	-41	13	23
2130	43 46.5	66 49.4	142	56155	-125	*	*	*
2140	43 46.5	66 51.1	144	56166	-120	-38	15	24
2150	43 46.5	66 52.7	146	56149	-143	-38	12	22
2200	43 46.5	66 54.4	142	56309	9	*	*	*
2210	43 46.5	66 56.1	146	56343	37	-39	28	38
2220	43 46.6	66 57.8	151	56265	-47	-39	20	30
2230	43 46.6	66 59.4	175	56272	-47	-39	16	28
2240	43 46.6	67 1.1	170	56233	-92	-39	13	24
2250	43 46.7	67 2.8	131	56272	-60	-39	12	21
2300	43 46.7	67 4.5	175	56198	-140	-39	6	18
2310	43 46.7	67 6.2	168	56217	-128	-39	2	13
2320	43 46.7	67 7.9	193	56361	9	-39	4	17
2330	43 46.7	67 9.6	237	56275	-83	*	*	*



HUDSON 71-014 DAY 143 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0200	43 50.0	67 8.2	164	*	*	*	*	*
0210	43 51.1	67 7.2	153	*	*	23	14	24
0220	43 52.1	67 6.2	153	*	*	23	13	23
0230	43 53.2	67 5.2	157	*	*	*	*	*
0240	43 54.4	67 4.3	160	*	*	20	9	20
0250	43 55.6	67 3.5	164	*	*	20	7	18
0300	43 56.8	67 2.6	202	*	*	20	12	25
0310	43 58.0	67 1.7	164	*	*	20	8	19
0320	43 59.2	67 .9	164	*	*	20	-6	5
0330	44 .4	67 0	164	*	*	20	5	16
0340	44 1.6	66 59.1	168	*	*	20	6	17
0350	44 2.8	66 58.3	168	*	*	20	9	20
0400	44 4.0	66 57.4	173	*	*	*	*	*
0410	44 5.0	66 56.4	171	*	*	22	8	19
0420	44 6.1	66 55.5	168	*	*	22	1	12
0430	44 7.1	66 54.5	168	*	*	22	6	17
0440	44 8.1	66 53.5	186	*	*	22	12	24
0450	44 9.2	66 52.6	171	*	*	22	-6	5
0500	44 10.2	66 51.6	175	*	*	*	*	*
0510	44 11.2	66 51.0	179	*	*	14	-16	-4
0520	44 12.2	66 50.4	181	*	*	*	*	*
0600	44 6.2	66 54.8	168	*	*	-24	8	19
0610	44 4.8	66 55.9	168	*	*	-24	5	16
0620	44 3.4	66 56.9	168	*	*	-24	12	23
0630	44 2.0	66 58.0	168	*	*	*	*	*
0640	44 .7	66 59.1	162	*	*	-25	13	24
0650	43 59.3	67 .2	160	*	*	-25	12	23
0700	43 58.0	67 1.3	160	*	*	-25	11	22
0710	43 56.7	67 2.4	164	*	*	-25	11	22
0720	43 55.3	67 3.5	160	*	*	-25	10	21
0730	43 54.0	67 4.6	157	*	*	*	*	*
0740	43 52.7	67 5.7	149	*	*	-26	15	25
0750	43 51.3	67 6.9	149	*	*	-26	19	29
0800	43 50.0	67 8.0	157	*	*	-26	19	29
1030	43 46.6	67 12.0	168	56144	-222	*	*	*
1040	43 46.5	67 13.4	171	56236	-135	*	*	*
1050	43 46.5	67 14.8	171	56261	-115	*	*	*
1100	43 46.4	67 16.2	175	56396	14	*	*	*
1110	43 46.3	67 17.6	179	56768	381	-32	21	33
1120	43 46.3	67 18.9	186	56600	208	-32	17	29
1130	43 46.2	67 20.3	190	56465	68	-32	34	47
1140	43 46.1	67 21.7	190	56522	121	-32	23	36
1150	43 46.1	67 23.1	195	56346	-59	-32	29	42
1200	43 46.0	67 24.5	204	56279	-131	*	*	*
1210	43 45.9	67 25.9	208	56280	-135	-33	18	32
1220	43 45.7	67 27.3	213	56281	-138	-33	17	31
1230	43 45.6	67 28.8	226	56270	-154	-33	13	28
1240	43 45.5	67 30.2	230	56268	-161	-33	12	27
1250	43 45.3	67 31.6	226	56267	-166	-33	12	27
1300	43 45.2	67 33.0	226	56246	-192	*	*	*

HUDSON 71-014 DAY 143 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1310	43 45.1	67 34.4	230	56225	-218	-32	3	18
1320	43 45.1	67 35.8	237	56227	-221	-32	2	18
1330	43 45.0	67 37.2	234	56228	-225	*	*	*
1340	43 44.9	67 38.7	235	56232	-226	-35	6	22
1350	43 44.7	67 40.2	234	56236	-226	-35	6	22
1400	43 44.6	67 41.7	234	56251	-216	-35	8	24
1410	43 44.5	67 43.2	234	56272	-200	-35	5	21
1420	43 44.3	67 44.7	232	56302	-175	-35	12	27
1430	43 44.2	67 46.2	226	56338	-144	*	*	*
1440	43 44.1	67 42.7	215	56365	-104	83	136	150
1630	43 43.4	67 4.1	171	*	*	*	*	*
1800	43 35.2	68 7.8	190	*	*	*	*	*
1900	43 34.5	67 58.9	208	56366	-112	35	22	36
1910	43 34.4	67 57.4	219	56445	-27	35	14	29
1920	43 34.3	67 55.9	215	56483	16	35	15	29
1930	43 34.2	67 54.4	241	56516	55	*	*	*
1940	43 34.3	67 52.8	241	57018	562	36	13	29
1950	43 34.3	67 51.3	234	57547	1097	36	13	29
2000	43 34.4	67 49.8	245	56881	436	36	0	16
2010	43 34.4	67 48.2	245	56475	35	36	11	27
2020	43 34.5	67 46.6	252	56493	59	36	6	23
2030	43 34.5	67 45.1	226	56766	337	36	19	34
2040	43 34.6	67 43.5	248	56900	477	36	15	32
2050	43 34.7	67 42.0	241	56461	43	36	24	40
2100	43 34.7	67 40.5	243	56353	-58	36	13	29
2110	43 34.8	67 38.9	234	56312	-94	36	16	32
2120	43 34.8	67 37.3	232	56281	-119	36	17	32
2130	43 34.9	67 35.8	230	56236	-159	*	*	*
2140	43 34.9	67 34.3	228	56207	-182	34	2	17
2150	43 34.8	67 32.9	224	*	*	*	*	*
2200	43 34.8	67 31.4	223	*	*	*	*	*
2250	43 35.0	67 24.7	215	56168	-186	*	*	*
2300	43 35.1	67 23.4	217	56283	-66	*	*	*
2310	43 35.1	67 22.1	219	56339	-6	*	*	*
2320	43 35.2	67 20.7	224	56379	38	*	*	*
2330	43 35.2	67 19.4	226	56760	424	31	5	20
2340	43 35.3	67 18.1	197	56267	-63	31	19	32
2350	43 35.3	67 16.7	182	56432	106	31	1	13

HUDSON 71-014 DAY 144 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	43 35.4	67 15.4	160	56340	18	36	0	11
0010	43 35.5	67 13.9	190	56125	-190	36	-2	11
0020	43 35.5	67 12.3	197	56118	-192	36	-7	6
0030	43 35.6	67 10.8	206	56143	-161	*	*	*
0040	43 35.6	67 9.3	212	56133	-166	*	*	*
0050	43 35.6	67 7.9	213	56121	-172	*	*	*
0100	43 35.6	67 6.4	201	56083	-205	*	*	*
0110	43 35.5	67 4.9	208	56126	-156	36	4	18
0120	43 35.5	67 3.3	202	56140	-135	36	5	18
0130	43 35.4	67 1.8	193	56140	-129	36	12	25
0140	43 35.3	67 .3	195	56127	-136	36	17	30
0150	43 35.3	66 58.7	195	56129	-128	36	19	32
0200	43 35.2	66 57.2	171	56166	-85	36	26	37
0210	43 35.0	66 55.7	173	56190	-54	36	29	40
0220	43 34.9	66 54.1	149	56163	-74	36	32	42
0230	43 34.7	66 52.6	149	56135	-95	*	*	*
0240	43 34.3	66 51.3	146	56106	-117	31	19	29
0250	43 34.0	66 49.9	146	56073	-144	31	18	28
0300	43 33.8	66 48.6	159	56049	-161	*	*	*
0310	43 33.7	66 47.0	128	56043	-161	38	19	27
0320	43 33.7	66 45.4	120	56029	-168	38	22	30
0330	43 33.6	66 43.8	128	56044	-147	38	20	28
0340	43 33.5	66 42.2	113	56029	-155	38	5	12
0350	43 33.5	66 40.6	95	56019	-159	38	18	24
0400	43 33.4	66 39.0	106	56009	-162	*	*	*
0410	43 33.2	66 37.5	106	56001	-163	36	9	16
0420	43 33.0	66 35.9	102	56052	-105	36	29	36
0430	43 32.8	66 34.4	106	56148	-2	36	28	35
0440	43 32.6	66 32.9	95	56185	40	36	26	32
0450	43 32.4	66 31.3	93	56140	2	36	25	31
0500	43 32.2	66 29.8	117	56086	-44	36	21	29
0510	43 31.9	66 28.3	107	56024	-98	36	24	31
0620	43 33.7	66 27.6	84	*	*	*	*	*
0630	43 34.2	66 29.9	102	*	*	*	*	*
0640	43 34.7	66 32.1	106	*	*	*	*	*
0650	43 35.1	66 34.3	113	*	*	*	*	*
0700	43 35.6	66 36.5	109	*	*	*	*	*
0710	43 36.1	66 38.3	117	*	*	*	*	*
0720	43 36.7	66 40.2	113	*	*	*	*	*
0730	43 37.2	66 42.0	107	*	*	*	*	*
0800	43 37.4	66 42.6	98	*	*	*	*	*
0810	43 38.9	66 44.1	106	*	*	*	*	*
0820	43 40.3	66 45.6	124	*	*	*	*	*
0830	43 41.8	66 47.1	144	*	*	*	*	*
0840	43 43.5	66 47.9	115	*	*	*	*	*
0850	43 45.2	66 48.6	142	*	*	*	*	*
0930	43 47.9	66 49.6	149	*	*	*	*	*
0940	43 49.9	66 50.1	131	*	*	*	*	*
0950	43 51.8	66 50.6	115	*	*	*	*	*
1000	43 53.8	66 51.1	131	*	*	*	*	*

HUDSON 71-014 DAY 144 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1010	43 55.9	66 51.5	117	*	*	-7	15	23
1020	43 57.9	66 51.0	113	*	*	-7	15	22
1030	44 0	66 52.2	124	*	*	*	*	*
1100	44 1.4	66 48.6	102	*	*	*	*	*
1110	44 2.2	66 46.6	113	*	*	*	*	*
1120	44 3.1	66 44.5	106	*	*	*	*	*
1230	44 9.5	66 37.7	106	*	*	*	*	*
1240	44 11.6	66 36.8	85	*	*	*	*	*
1250	44 13.8	66 35.9	47	56433	65	*	*	*
1300	44 15.9	66 35.0	148	56328	-46	*	*	*
1310	44 17.9	66 34.1	202	56358	-22	*	*	*
1320	44 19.8	66 33.2	199	56346	-41	21	-2	11
1330	44 21.8	66 32.3	197	56346	-47	*	*	*
1340	44 24.1	66 31.0	199	56315	-84	31	4	17
1350	44 26.3	66 29.6	197	56310	-95	31	3	16
1400	44 28.6	66 28.3	193	56324	-87	*	*	*
1410	44 30.9	66 27.0	197	56324	-93	30	2	15
1420	44 33.1	66 25.7	204	56322	-101	30	0	14
1430	44 35.4	66 24.4	197	56324	-105	30	-4	9
1440	44 37.6	66 23.1	175	56339	-96	30	-1	11
1450	44 39.9	66 21.8	171	56356	-85	30	-3	8
1500	44 42.1	66 20.5	*	56374	-73	0	0	*
1510	44 44.3	66 19.3	*	56391	-62	27	-3	*
1520	44 46.5	66 18.2	*	56406	-53	27	-5	*
1530	44 48.6	66 17.0	*	56422	-43	27	-6	*
1540	44 50.8	66 15.8	*	56435	-36	27	0	*
1550	44 53.0	66 14.7	117	56447	-30	*	*	*
1600	44 55.2	66 13.5	113	56484	0	*	*	*
1610	44 57.4	66 12.7	109	56450	-40	19	-12	-4
1620	44 59.7	66 11.8	102	56445	-53	19	-18	-10
1630	45 1.9	66 11.0	98	56430	-75	*	*	*
1640	45 3.7	66 9.4	93	56446	-61	*	*	*
1650	45 5.5	66 7.9	84	56496	-14	35	2	7
1700	45 7.3	66 6.3	*	56323	-189	35	0	*

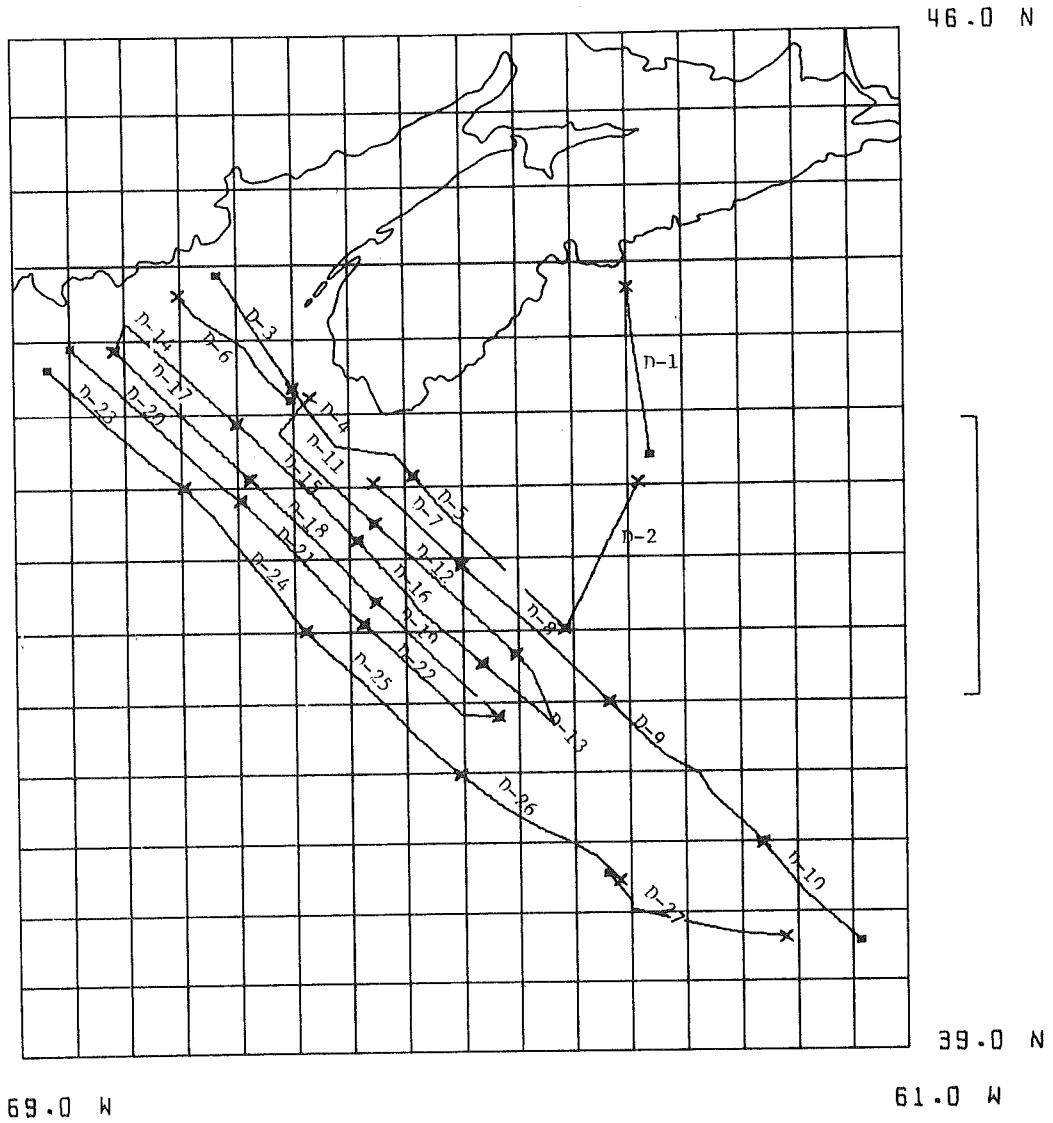
HUDSON 71-014 DAY 145 1971

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1700	44 21.8	66 39.2	201	*	*	*	*	*
1710	44 20.6	66 41.9	190	*	*	-60	-3	11
1720	44 19.3	66 44.5	182	*	*	-60	-5	8
1730	44 18.1	66 47.2	179	*	*	-60	-7	6
2130	44 7.2	67 5.5	98	*	*	*	*	*
2140	44 5.3	67 6.3	93	*	*	-19	13	19
2150	44 3.4	67 7.2	100	*	*	-19	11	17
2200	44 1.5	67 8.0	*	*	*	-19	10	*
2210	43 59.6	67 8.9	124	*	*	*	*	*

APPENDIX D

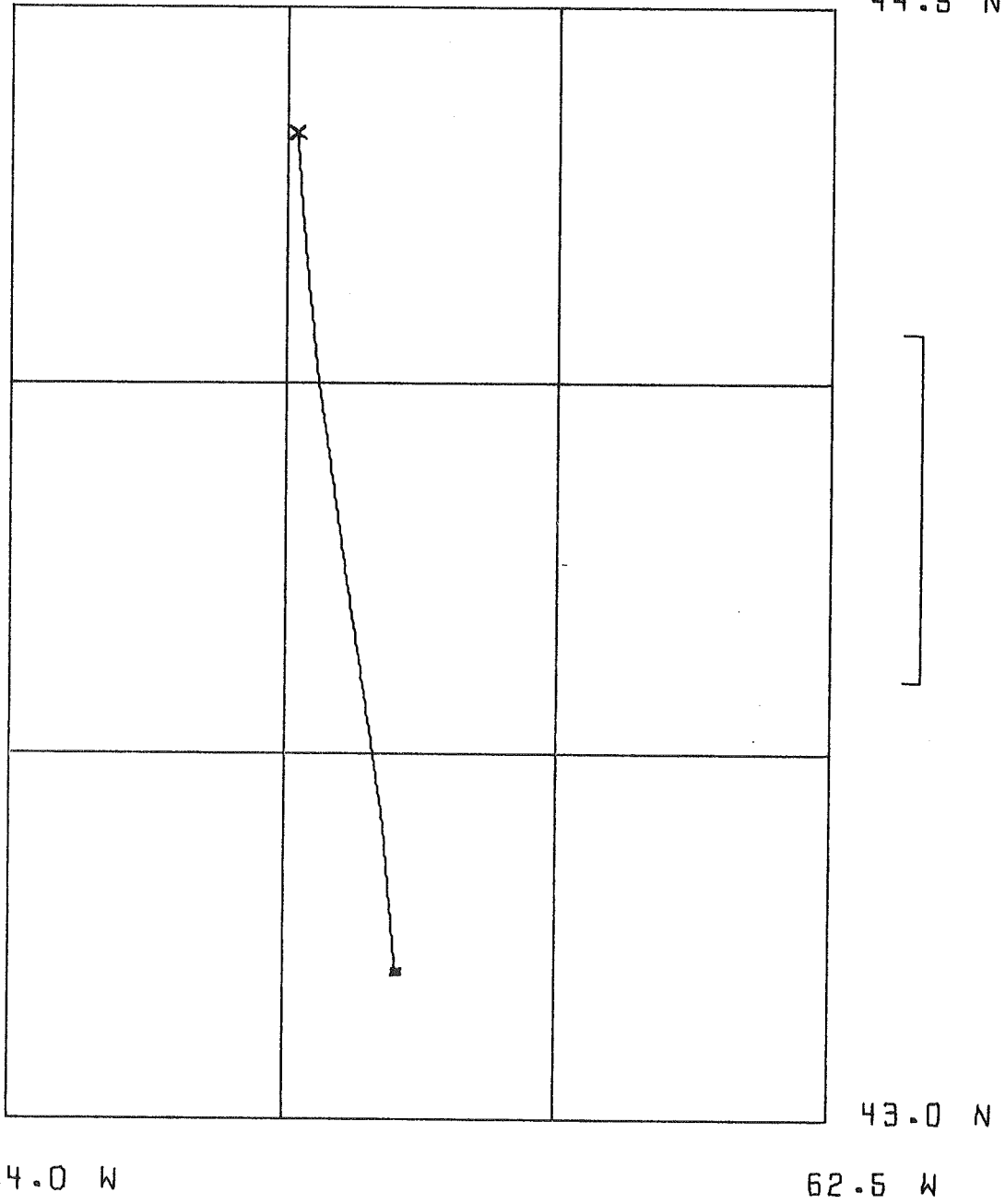
NW-SE Geophysical Profiles Across the Gulf of Maine  
and Adjacent Continental Margin

1/5,400,000 AT 46° N

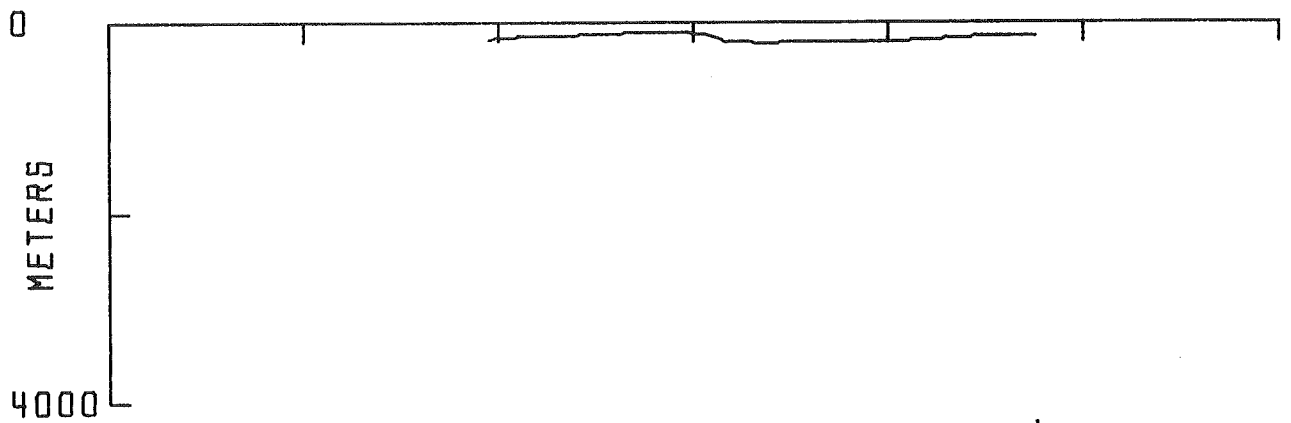
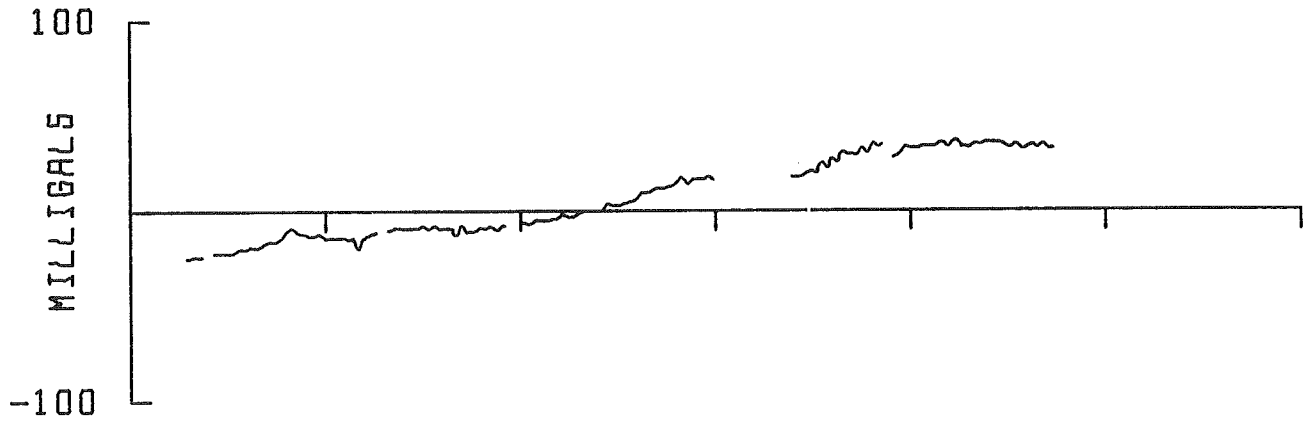
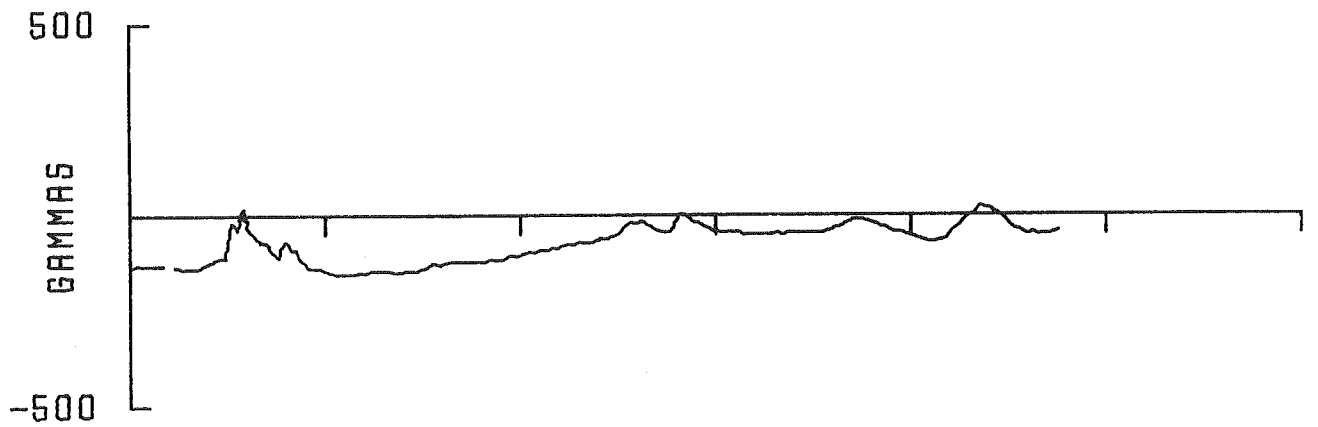


PROFILE LOCATION MAP

1/1000000 AT 46 N



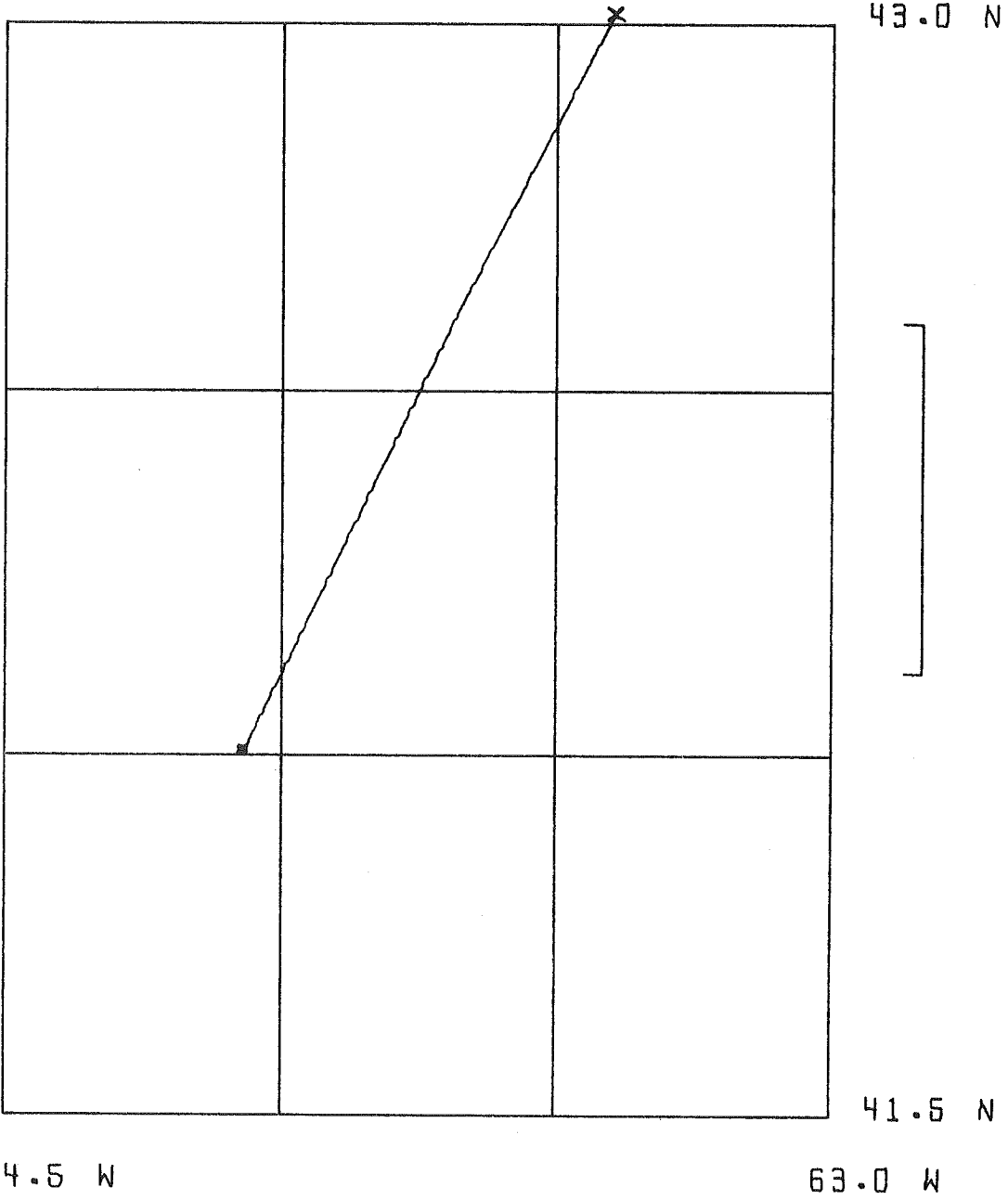


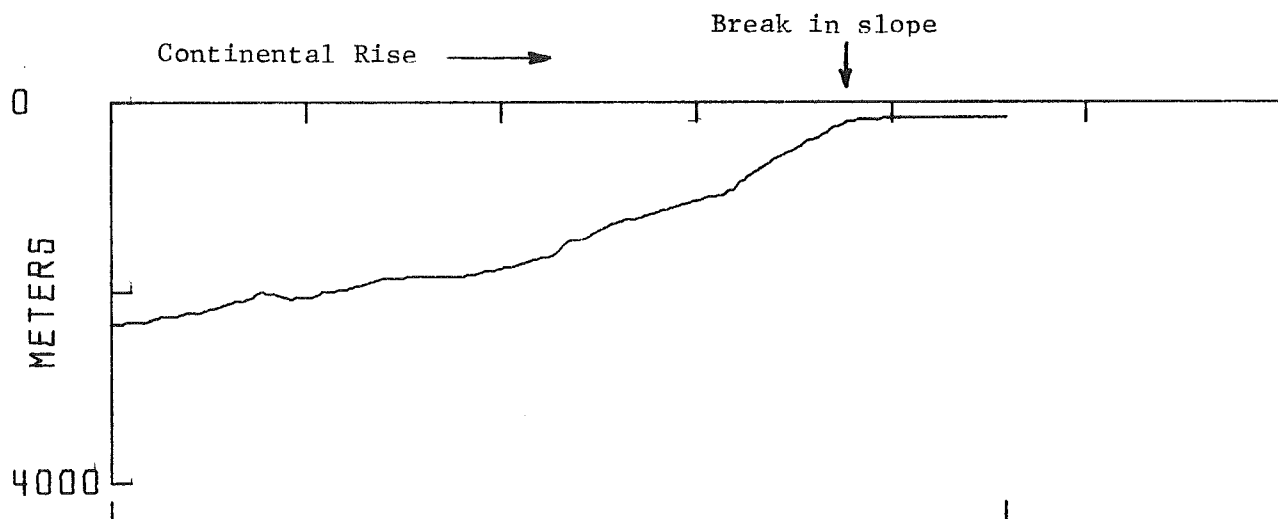
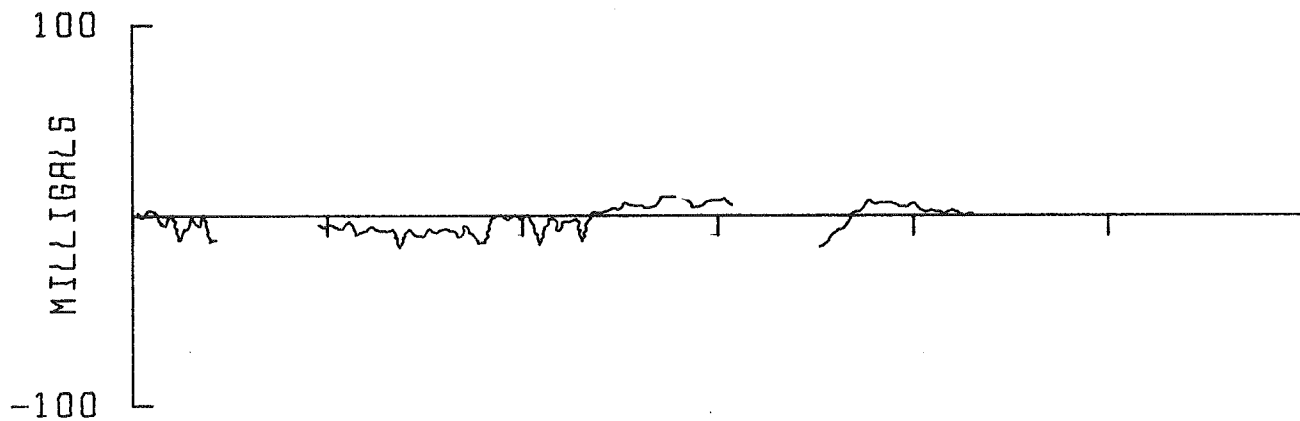


109 1530 044.33N  
063.48W

109 2100 043.20N  
063.29W

1/1000000 AT 46 N





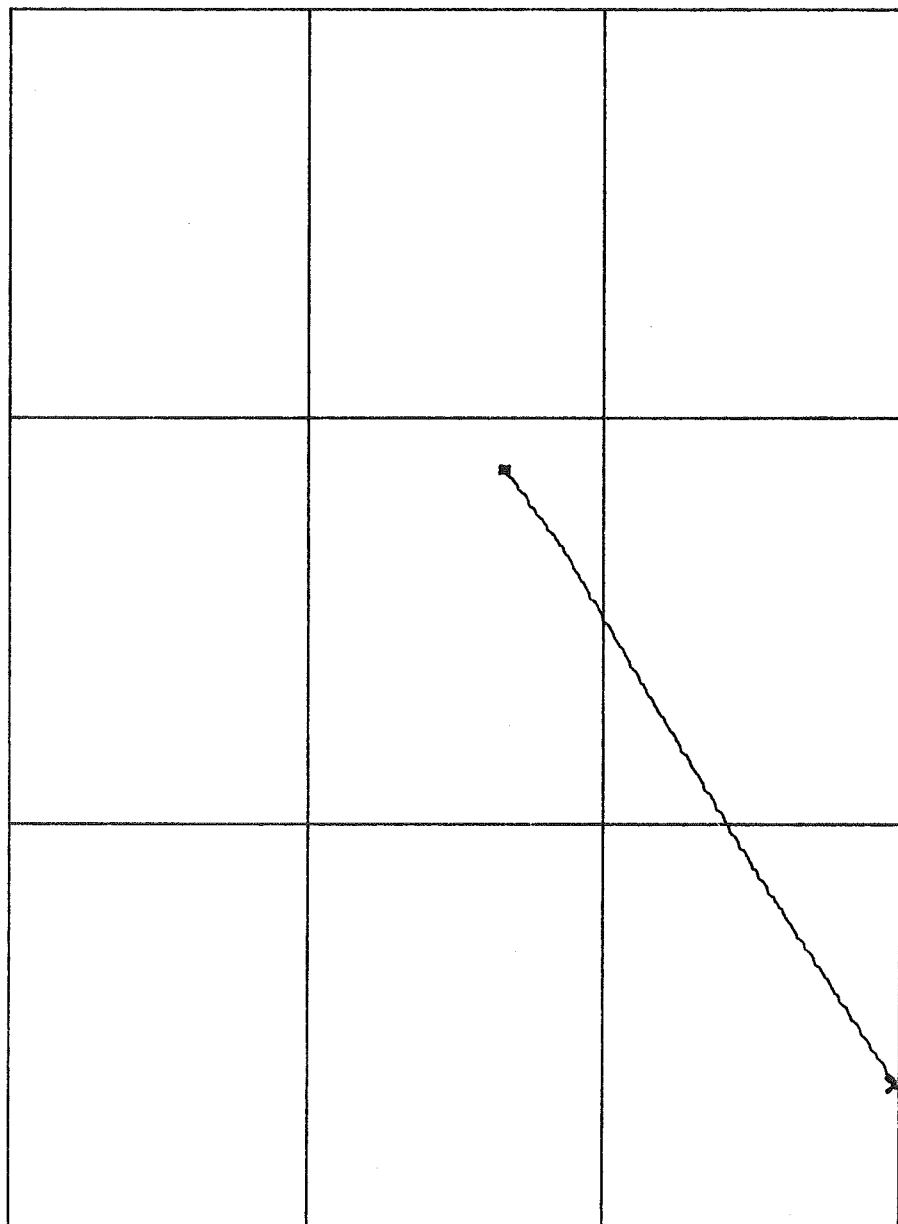
110 0600 042.01N  
064.07W

110 0108 043.01N  
063.40W

171000000 AT 46 N



45.0 N

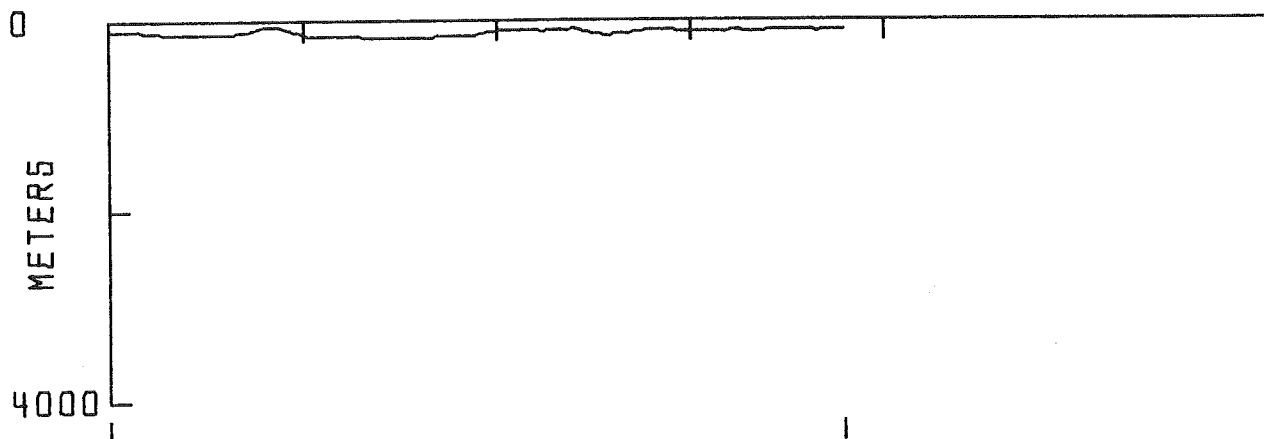
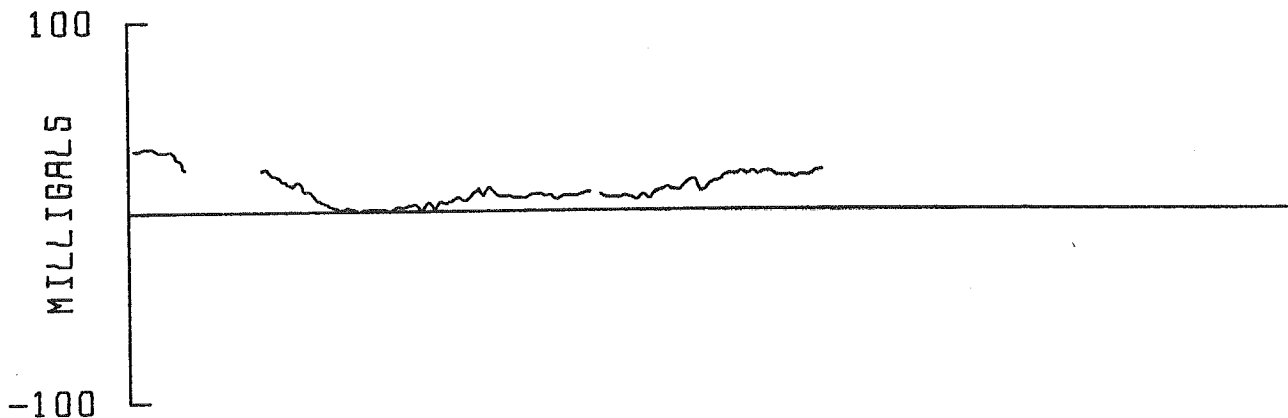
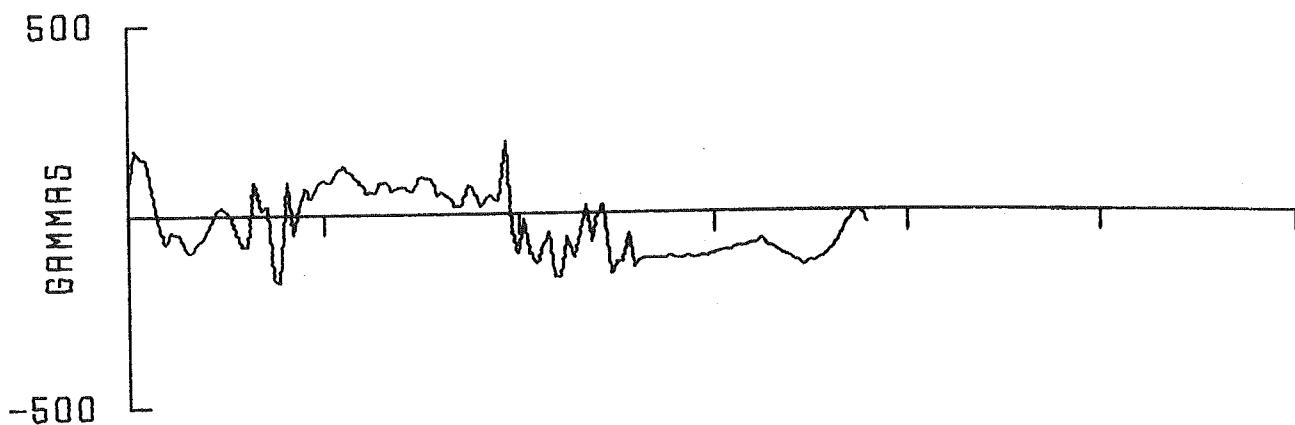


43.5 N

68.0 W

66.5 W

1/1000000 AT 46 N



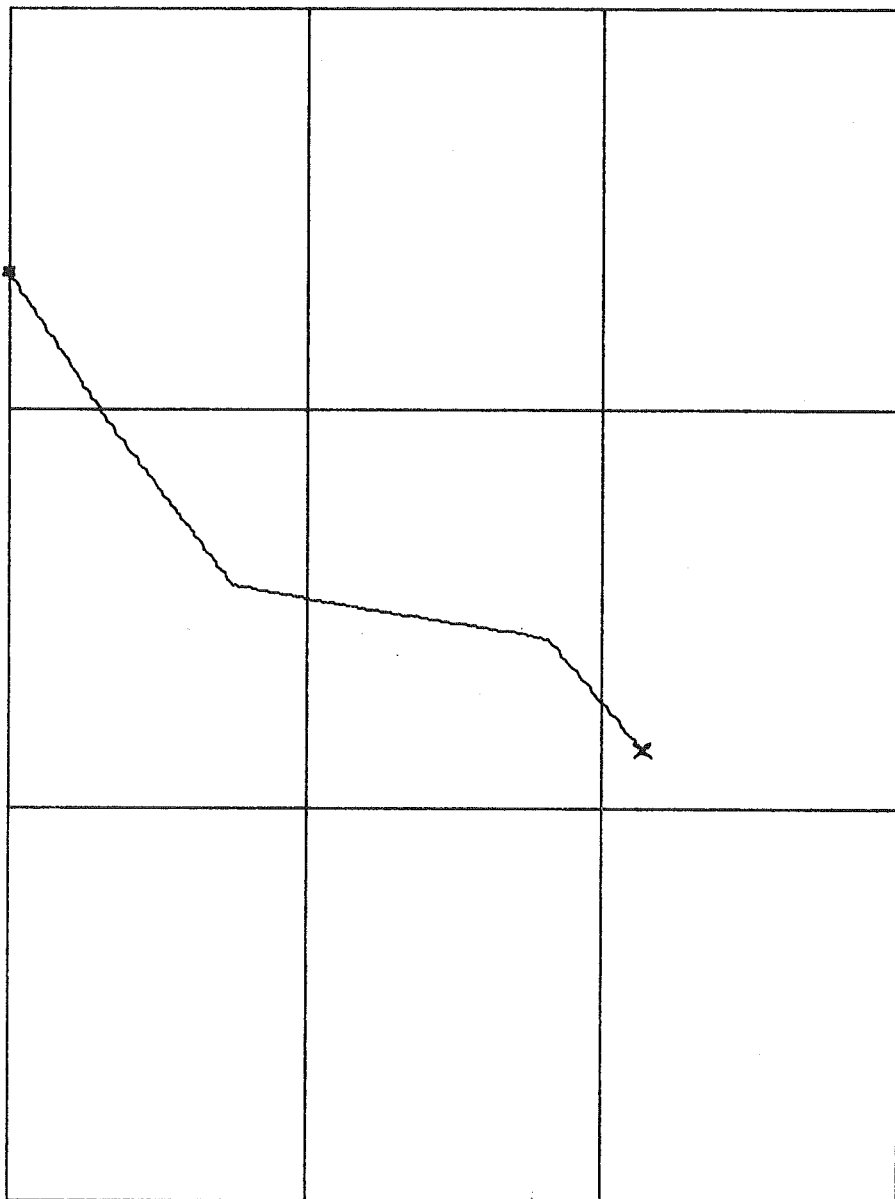
110 2200 044.44N  
067.17W

110 1802 043.68N  
066.51W

1/1000000 AT 46 N



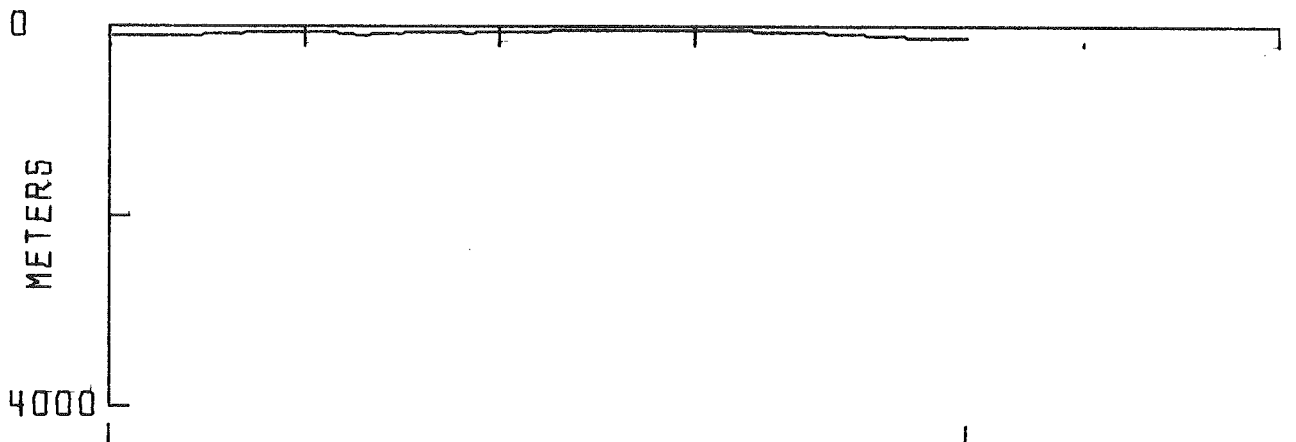
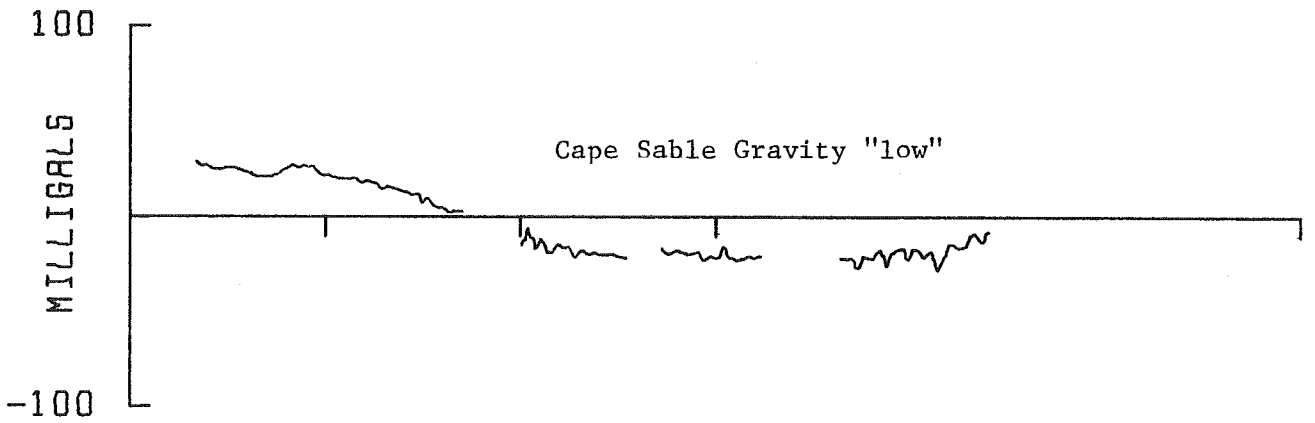
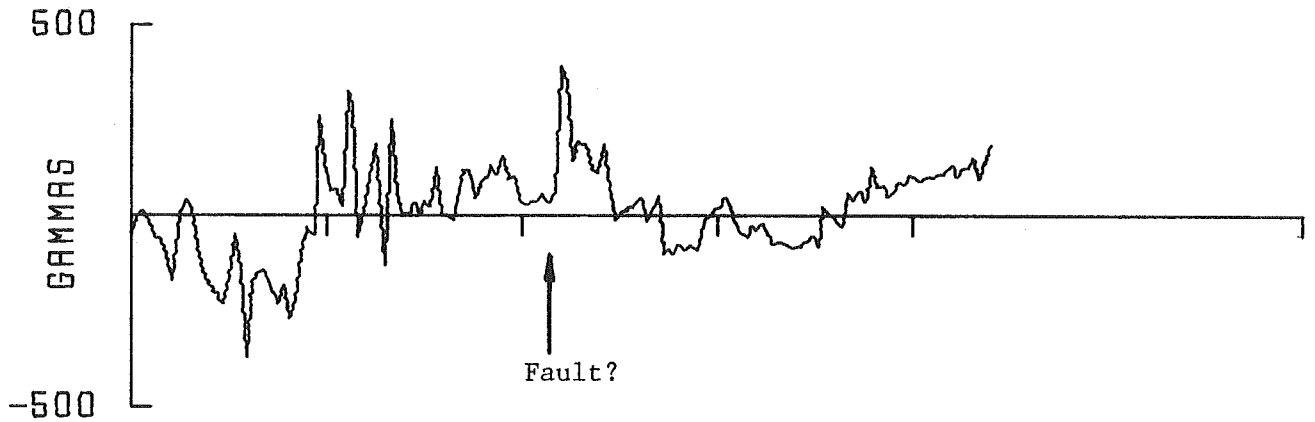
44.0 N



42.5 N

66.5 W

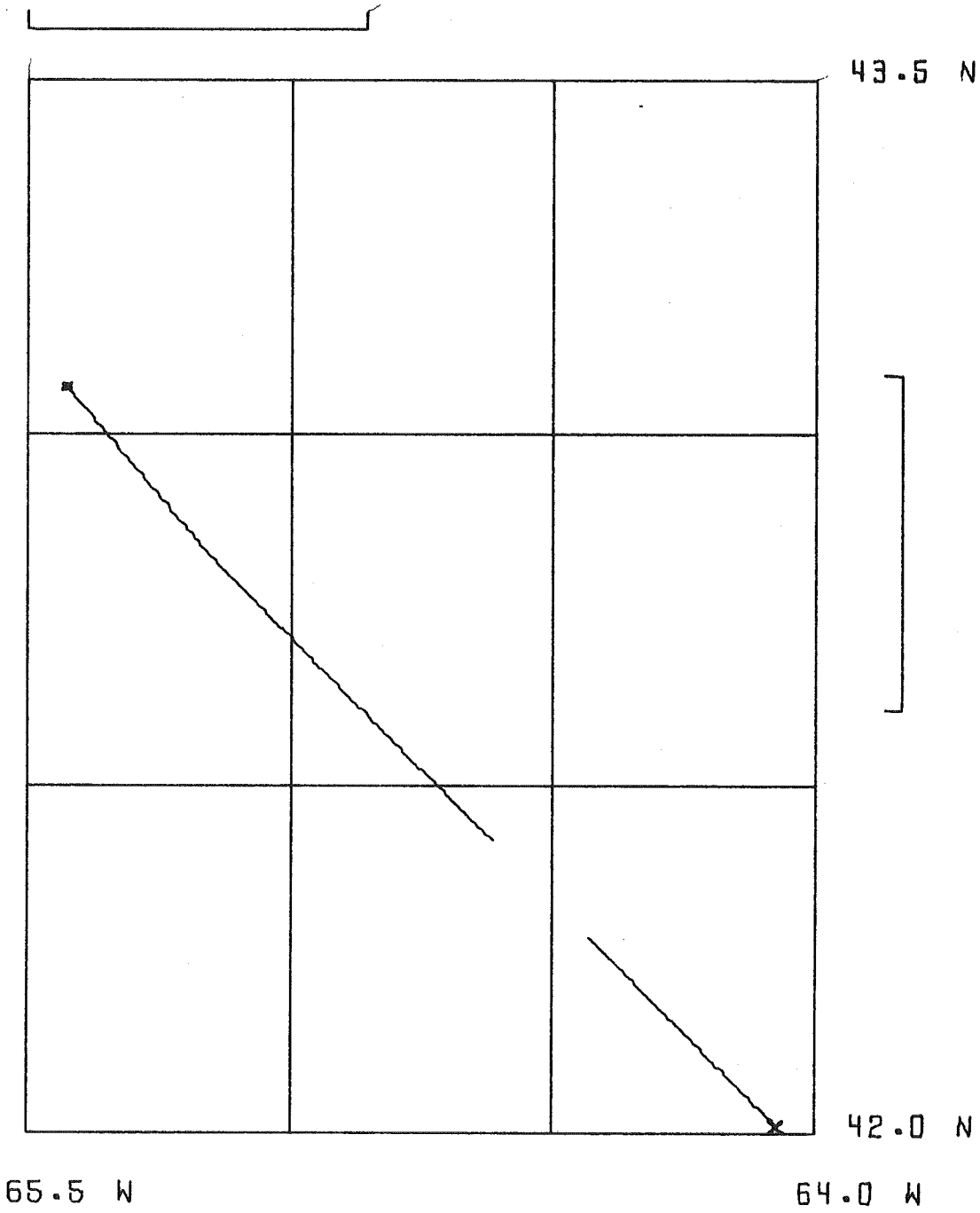
65.0 W



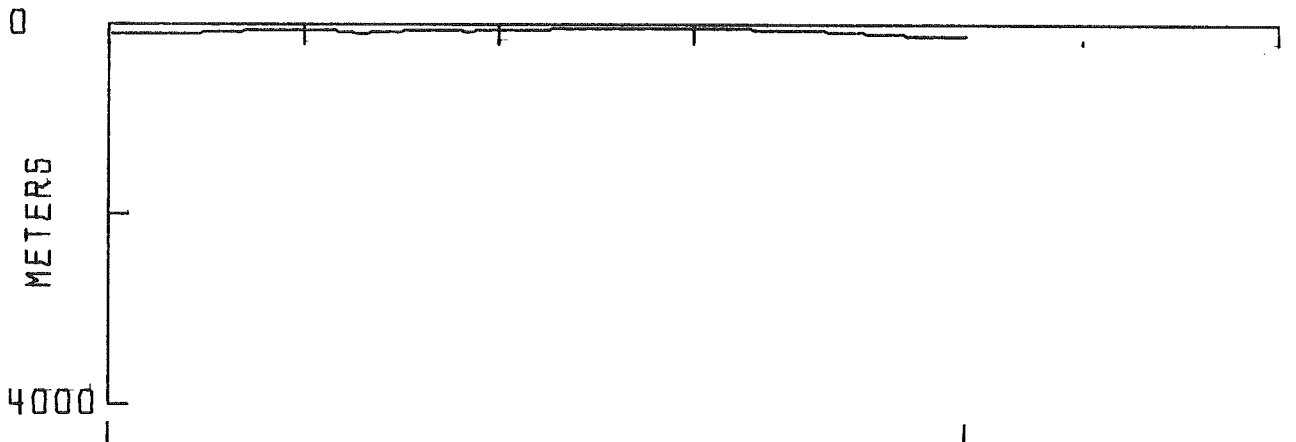
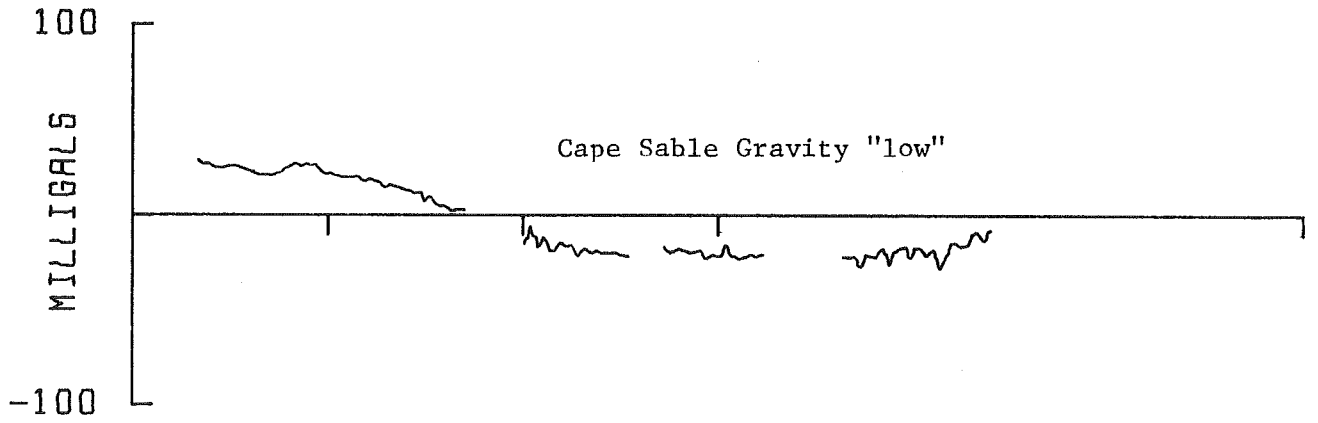
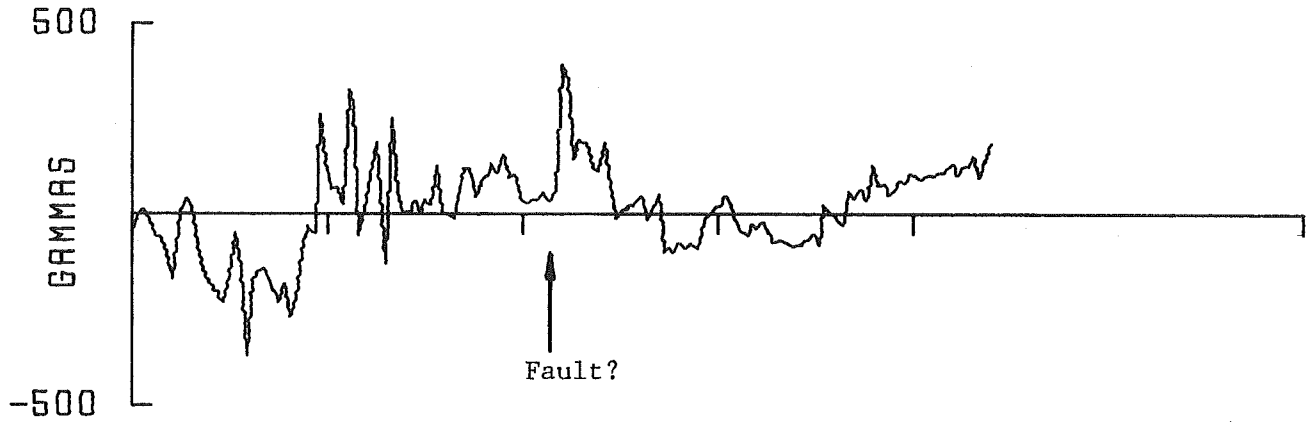
110 1800 049.67N  
066.50W

110 1302 043.07N  
065.43W

1/1000000 AT 46 N



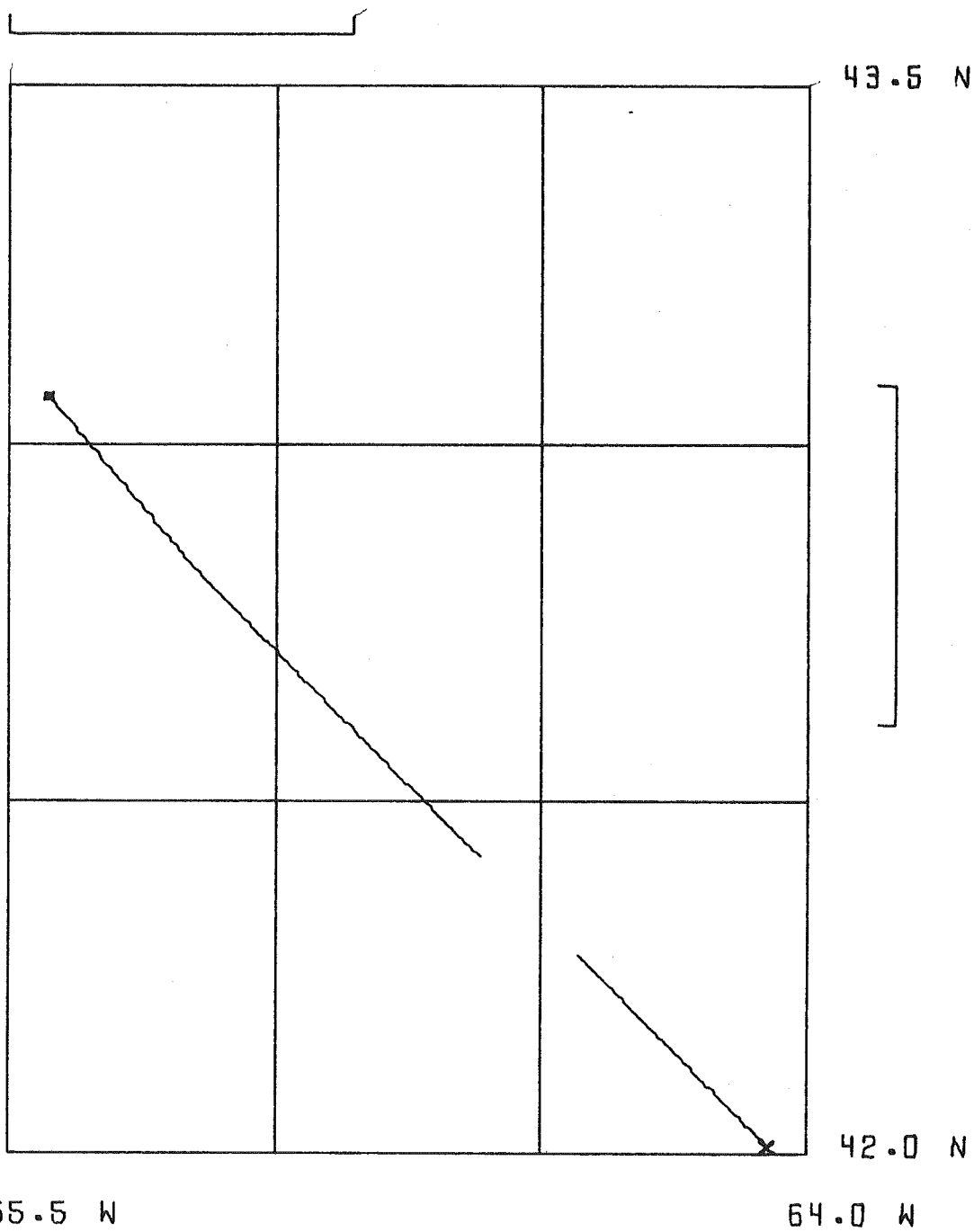




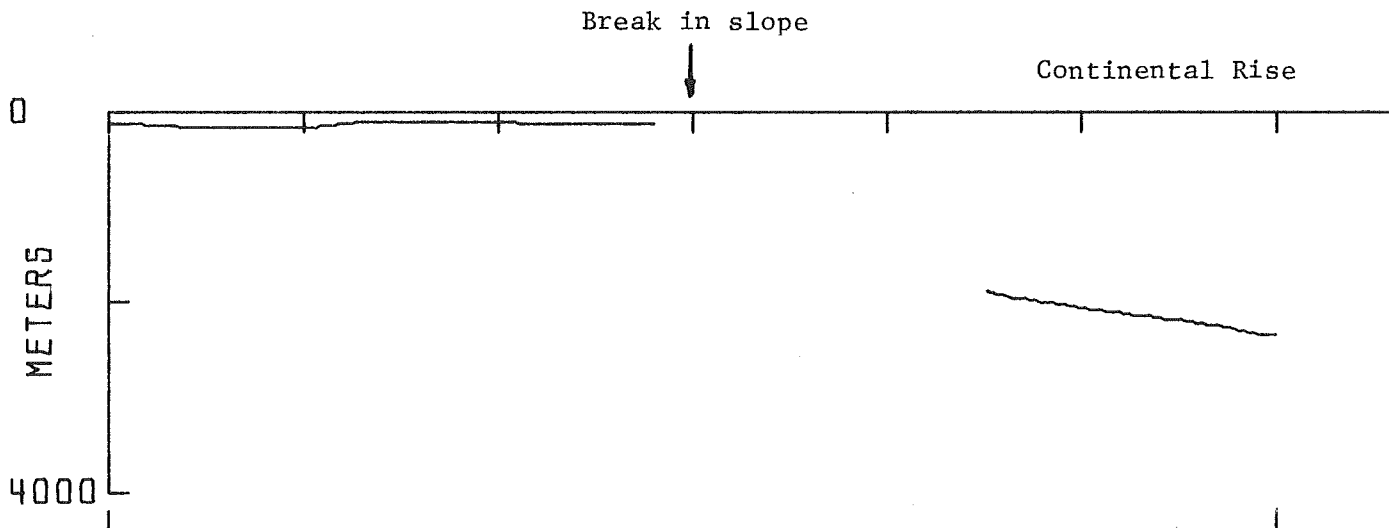
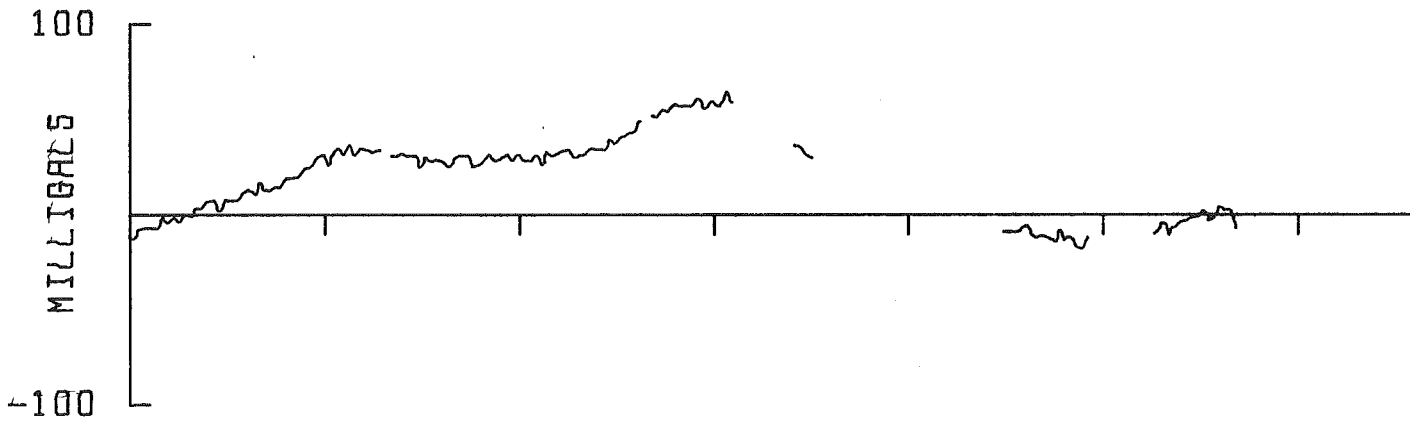
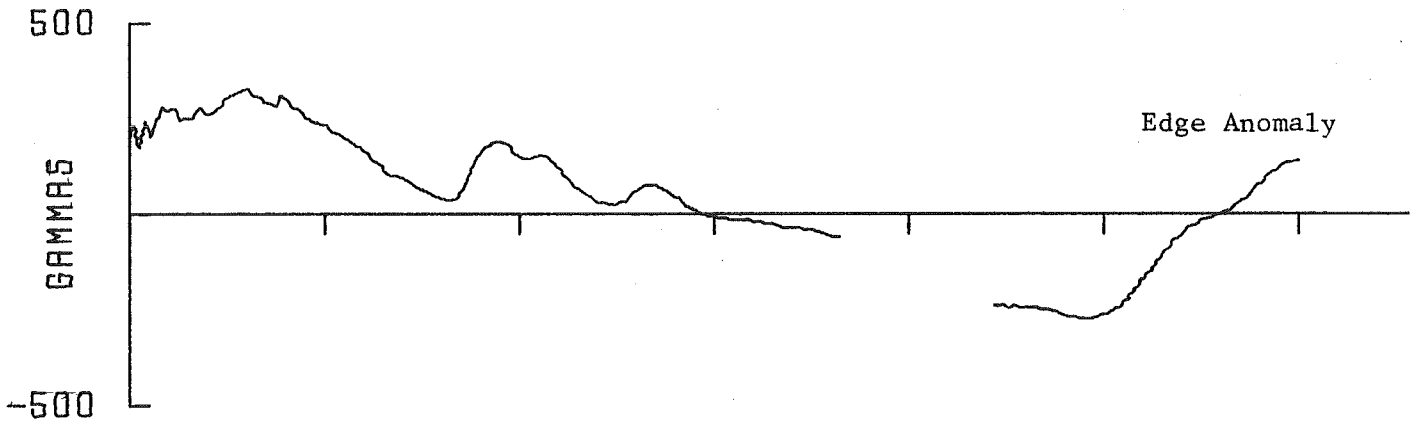
110 1800 043.67N  
066.50W

110 1302 043.07N  
065.43W

1/1000000 AT 46 N



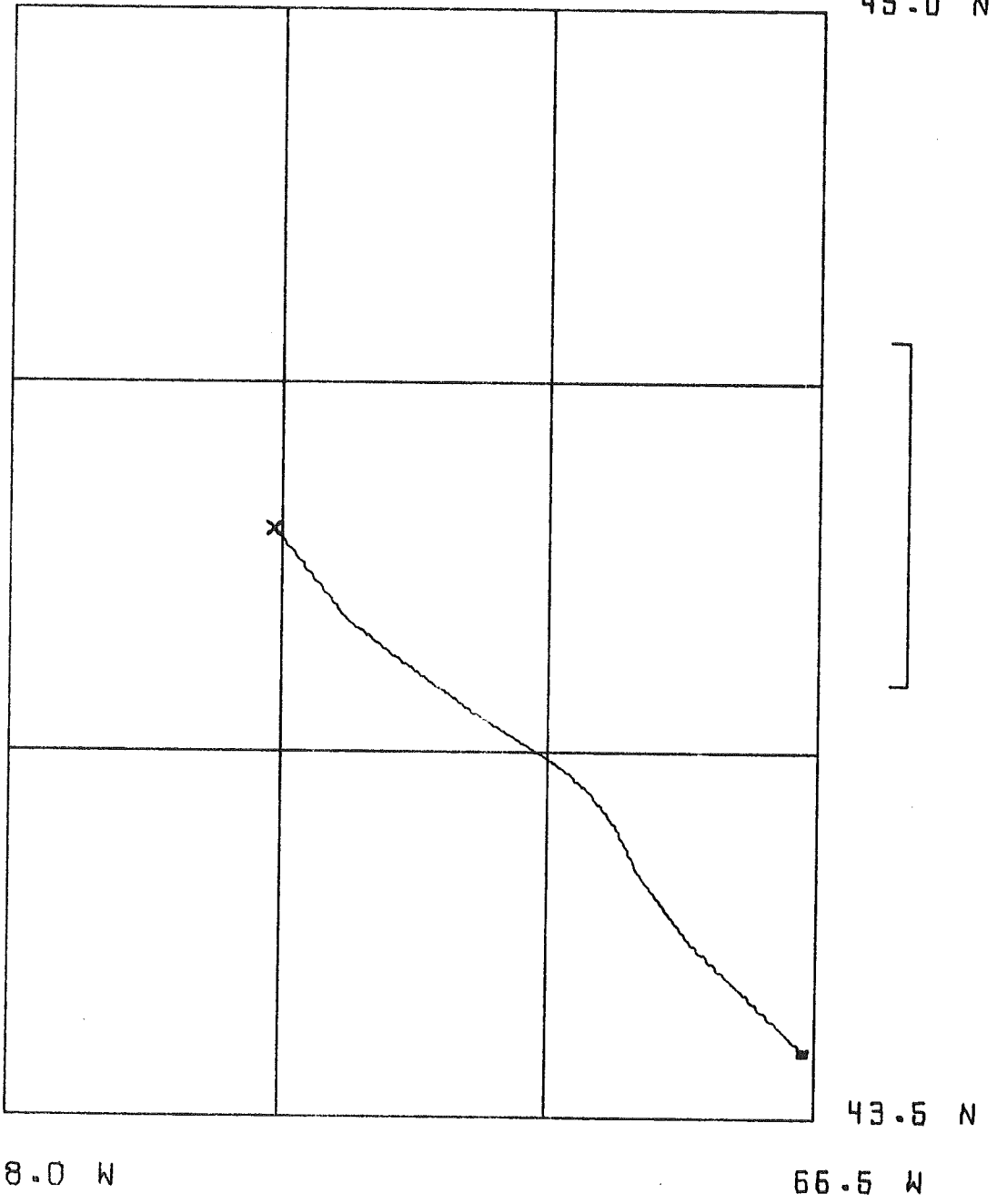
1/10000000 AT 46 N



110 1300 043.07N  
065.43W

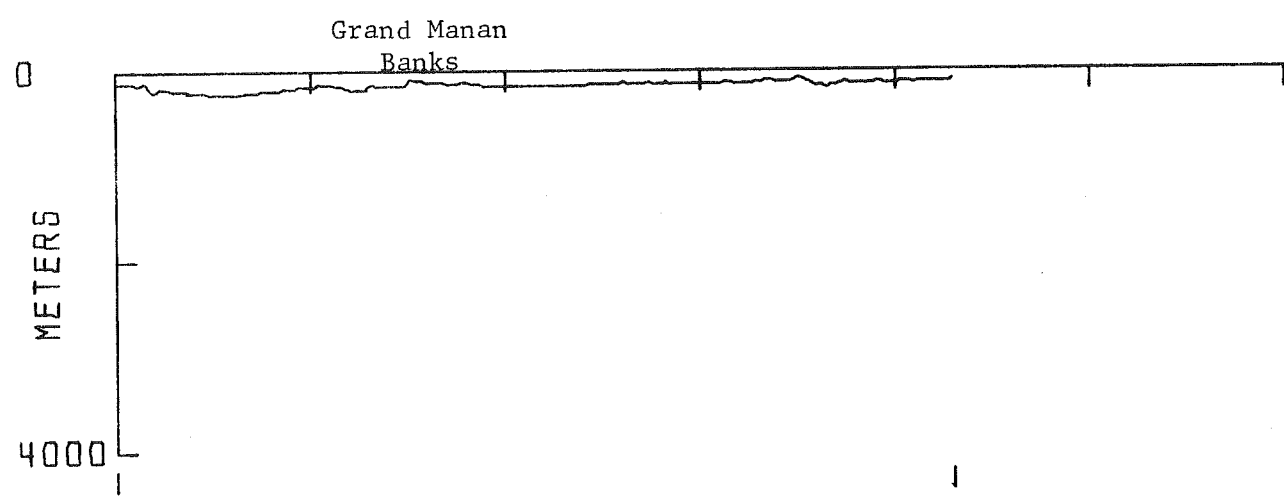
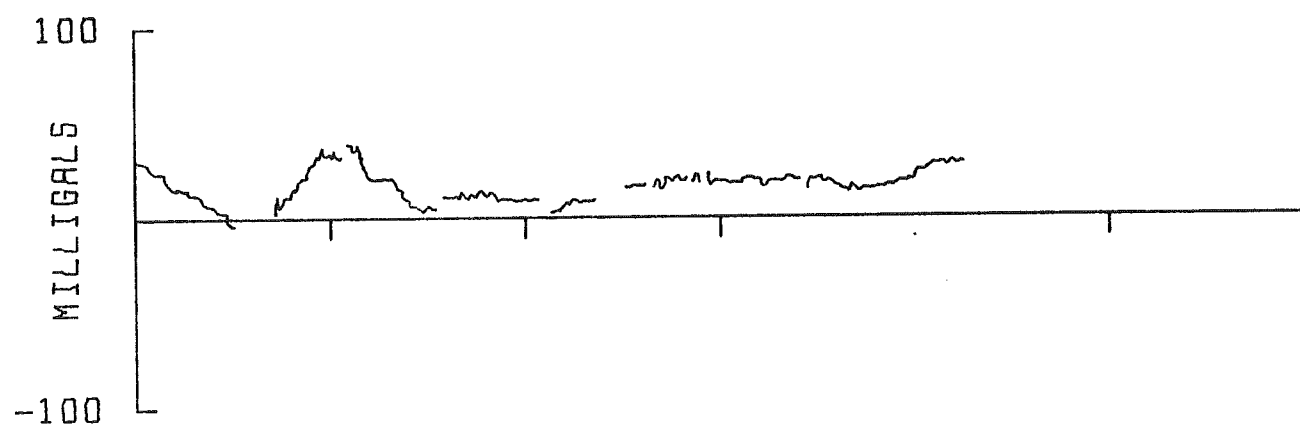
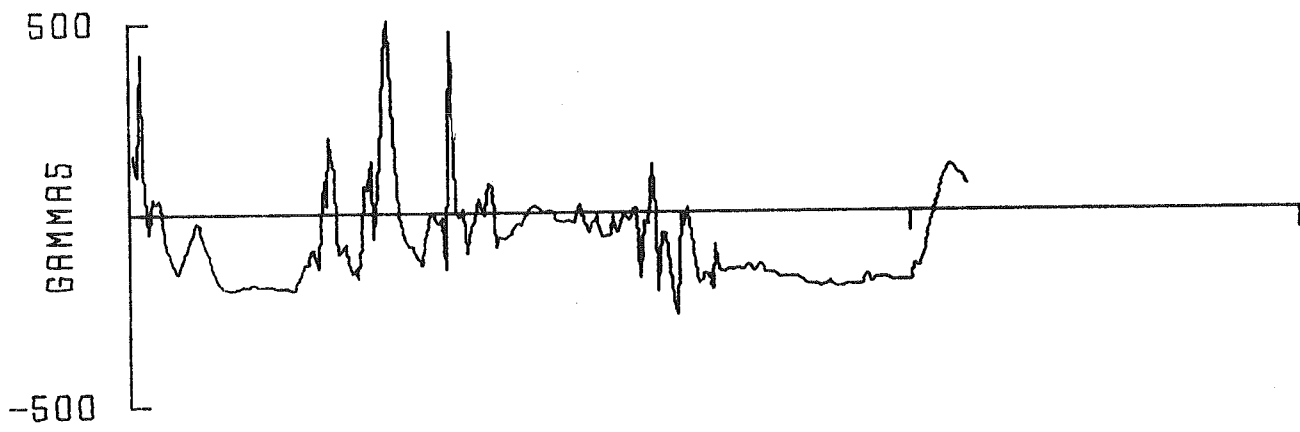
110 0602 042.01N  
064.07W

1/1000000 AT 46 N



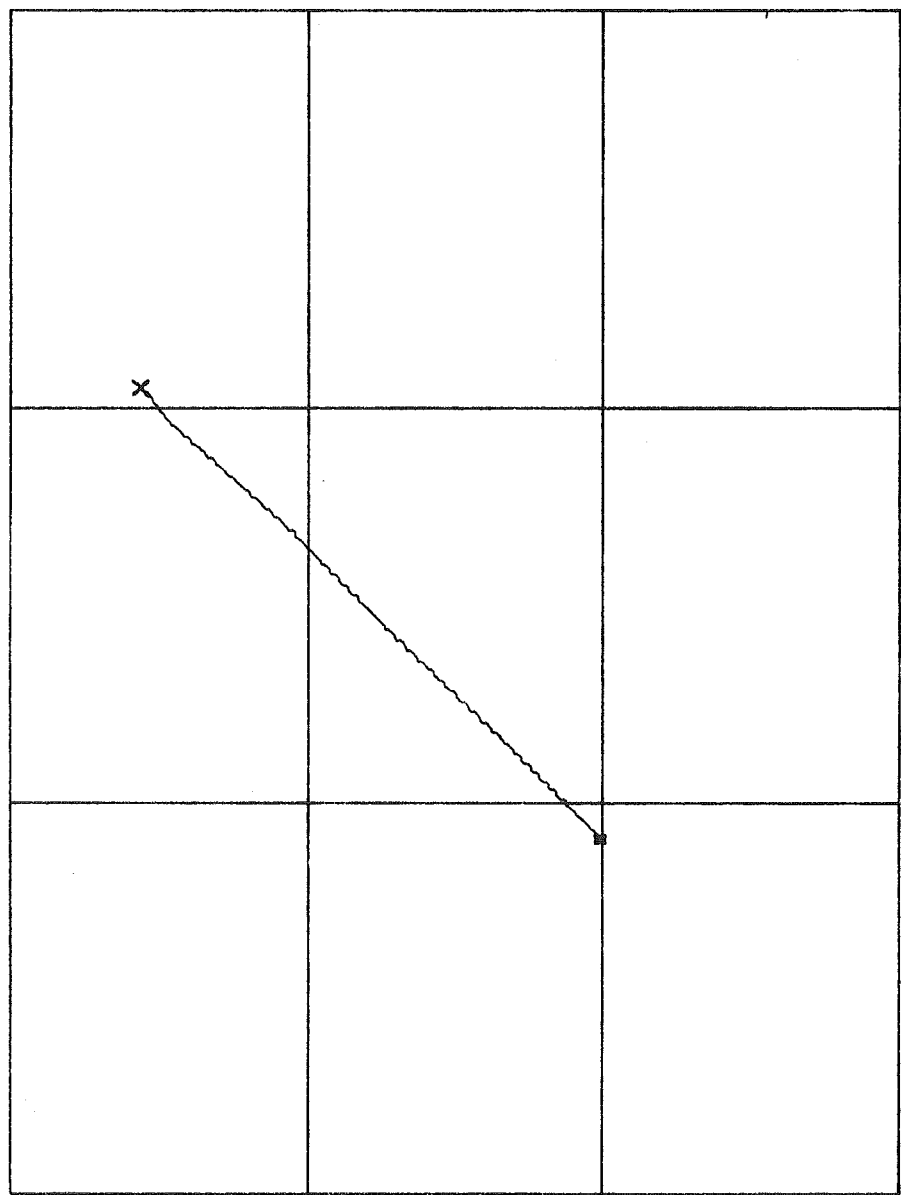
+

1/1000000 AT 46 N



111 0400 044.30N 111 1240 043.59N  
067.51W 066.52W

1/1000000 AT 46 N



43.5 N

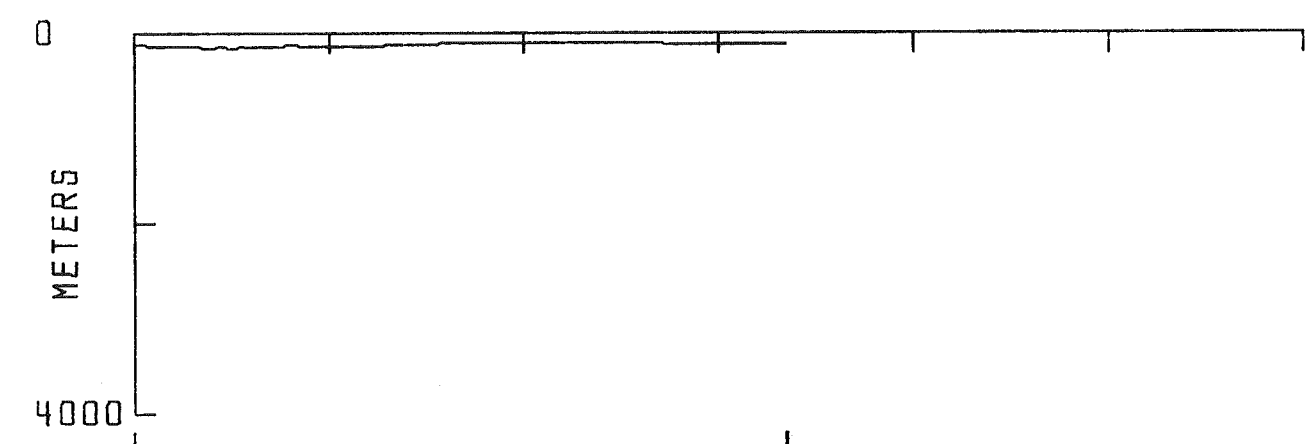
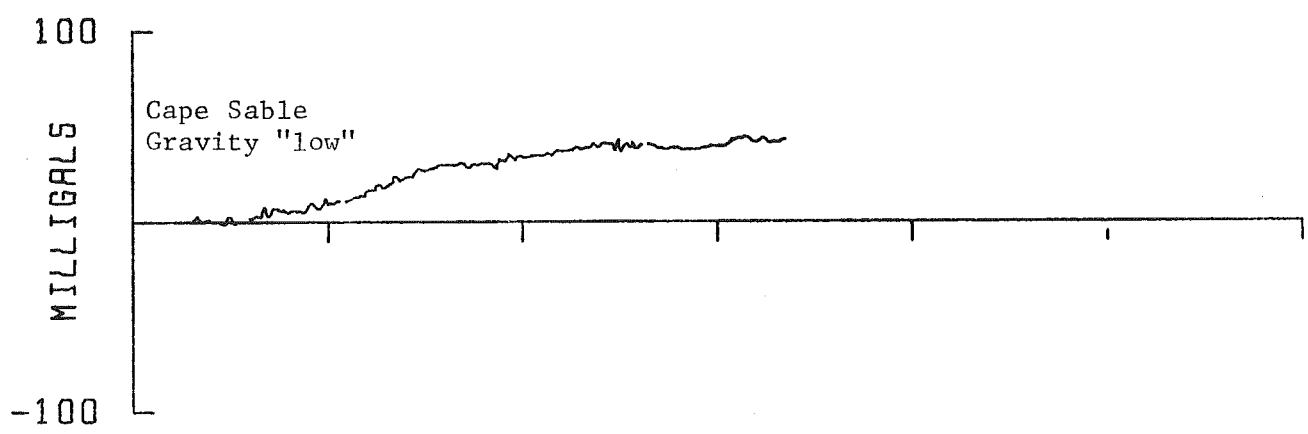
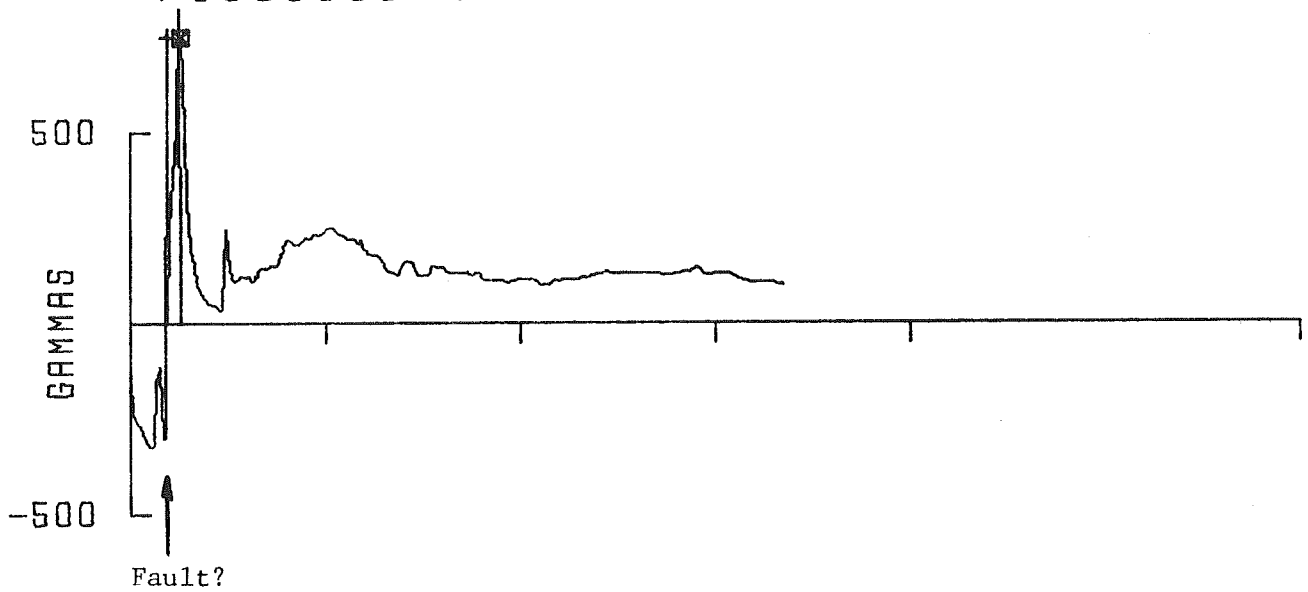


42.0 N

66.0 W

64.5 W

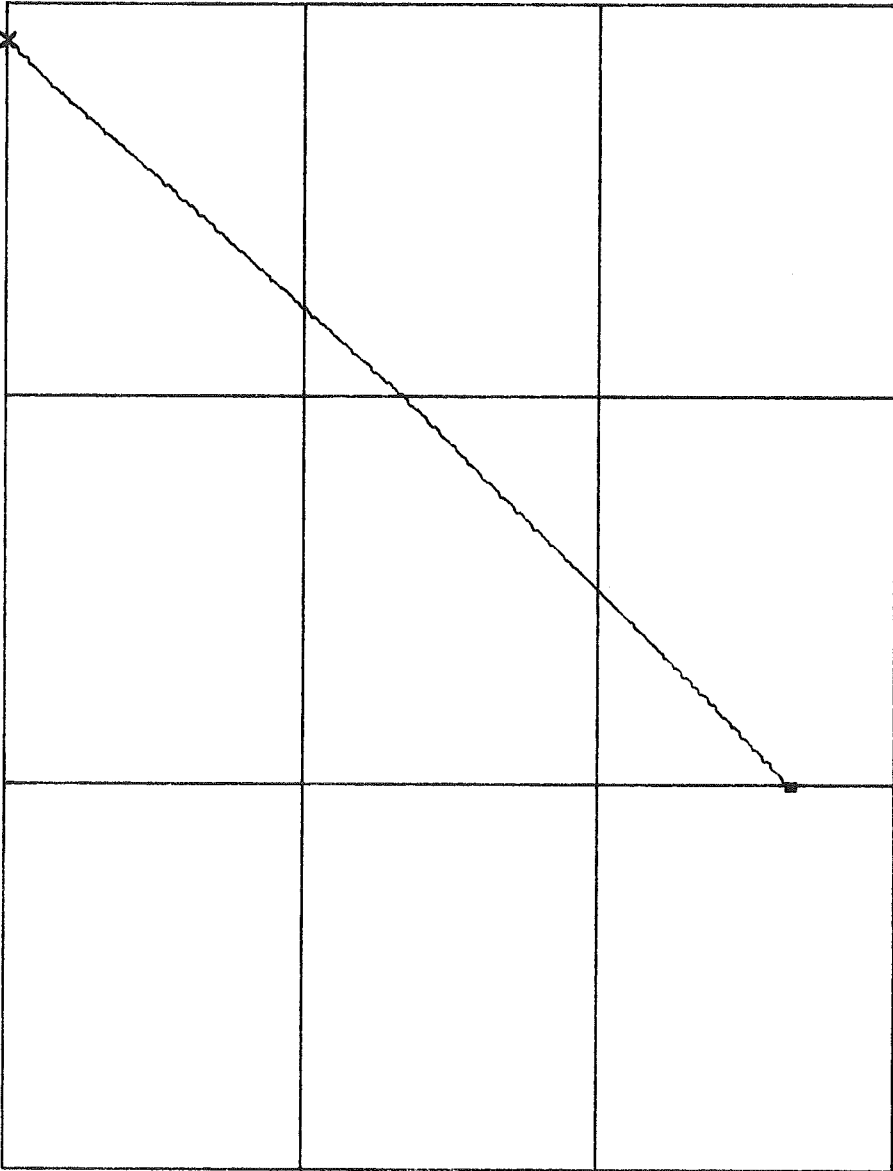
/1000000 AT 46 N



111 1600 043.03N  
065.78W

111 2220 042.46N  
065.00W

1/1000000 AT 46 N



42.5 N



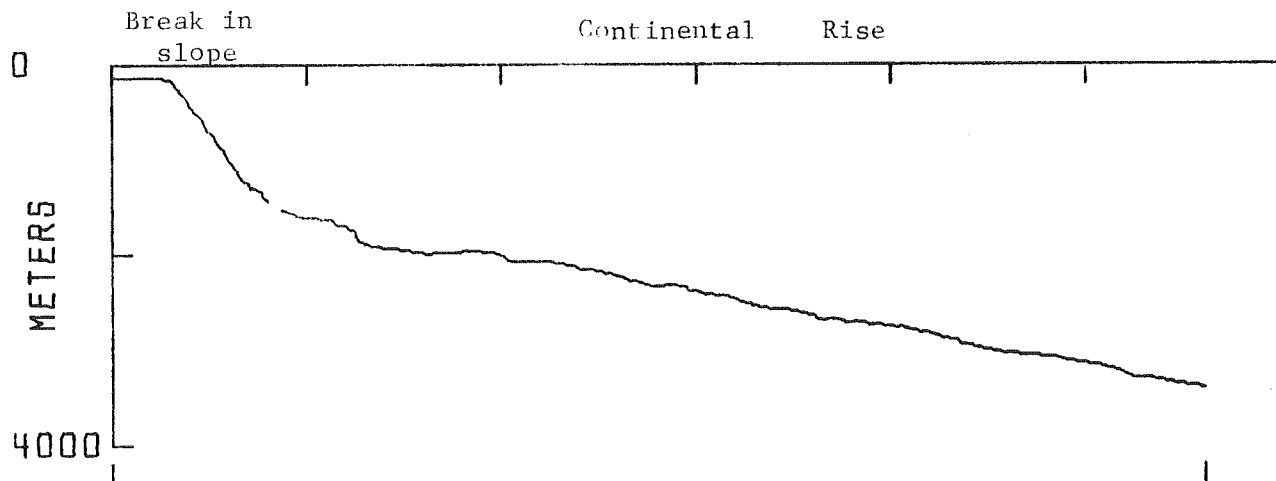
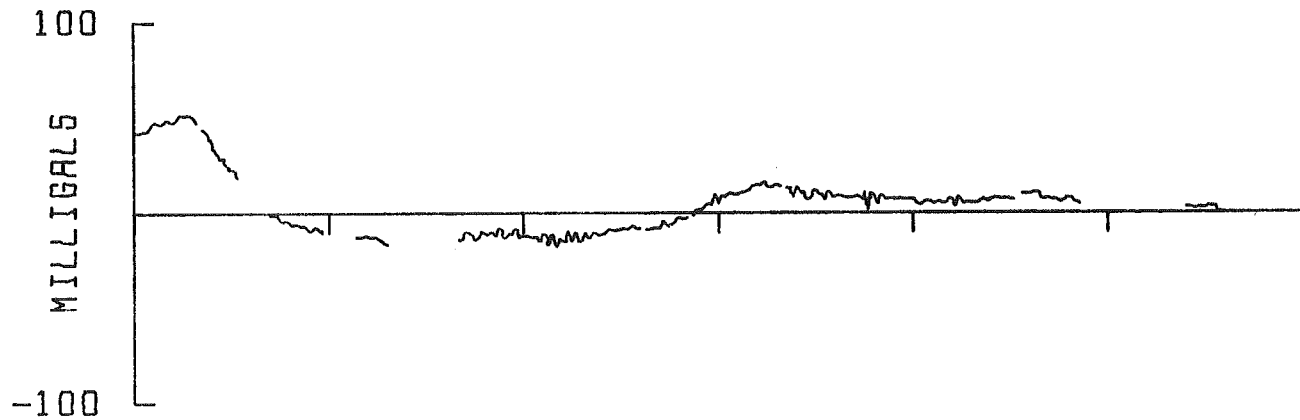
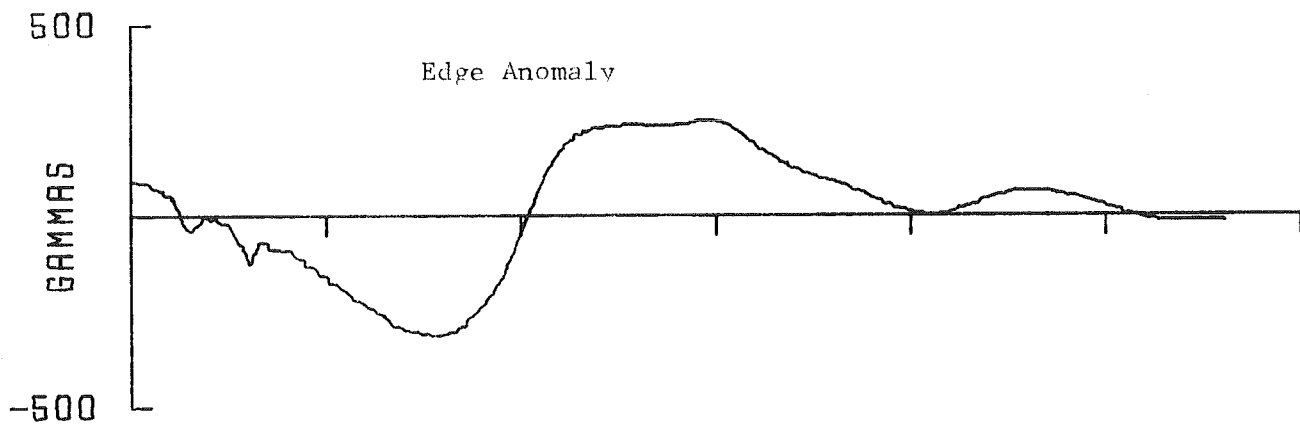
41.0 N

65.0 W

63.5 W



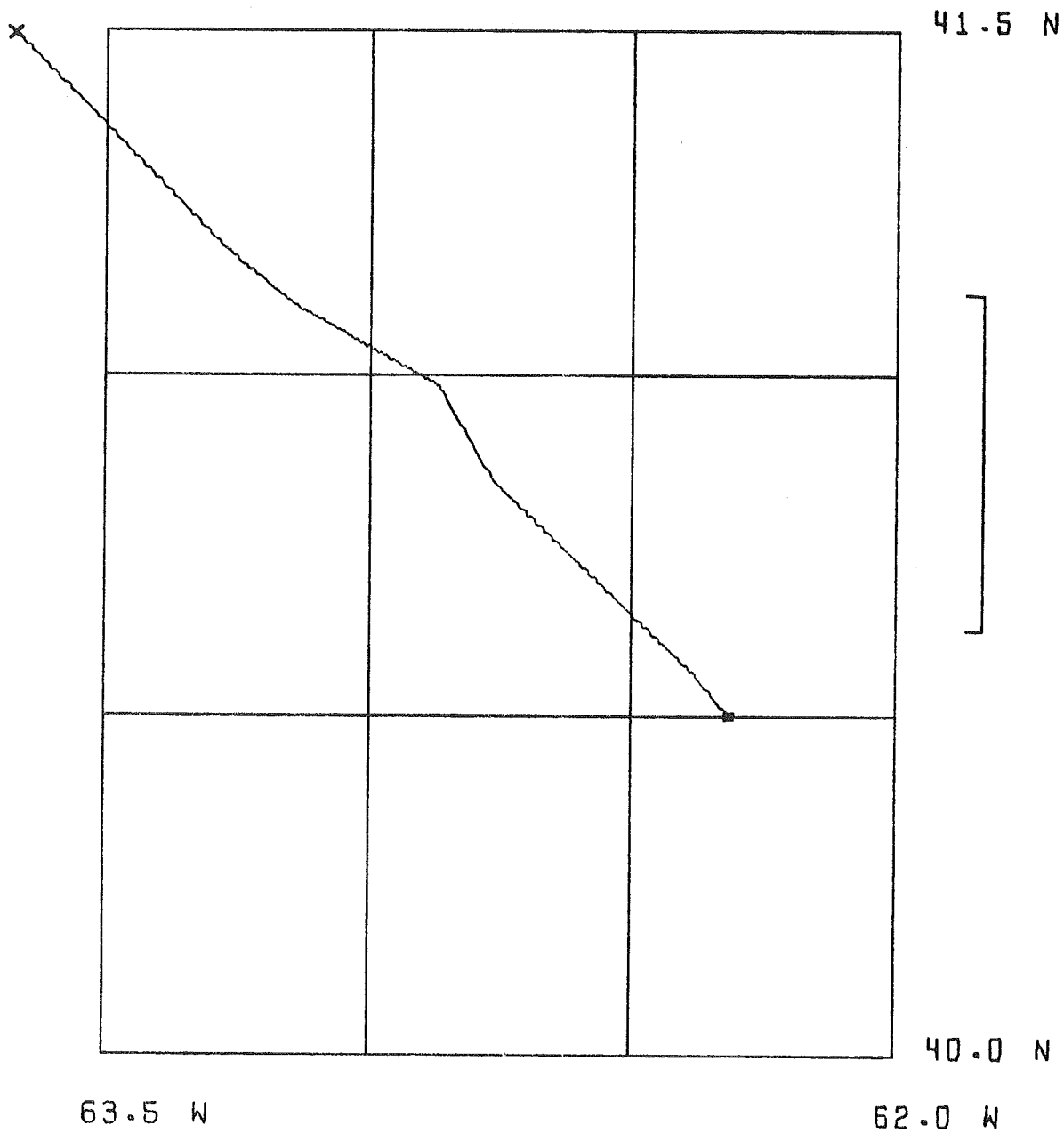
'/1000000 AT 46 N



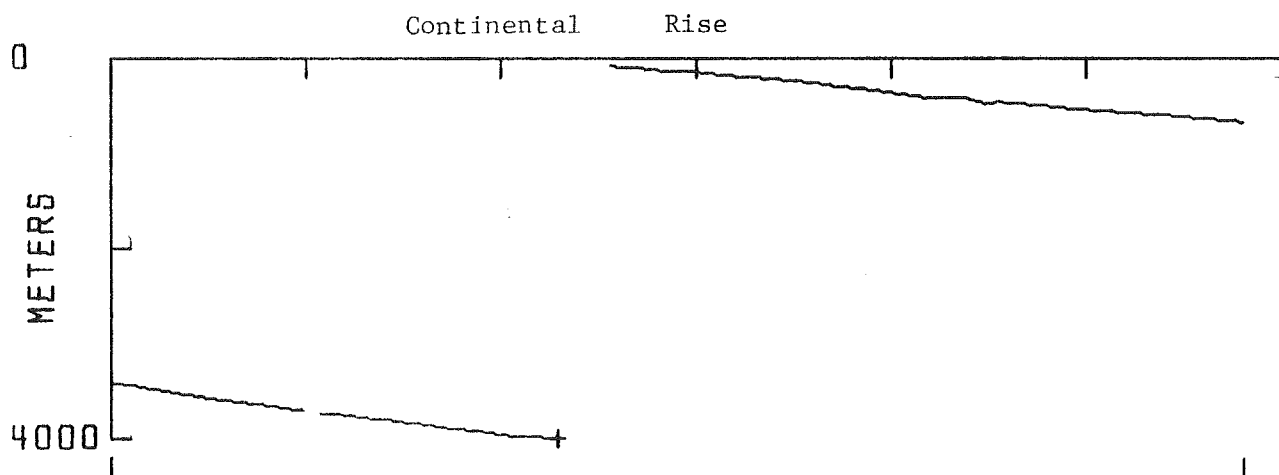
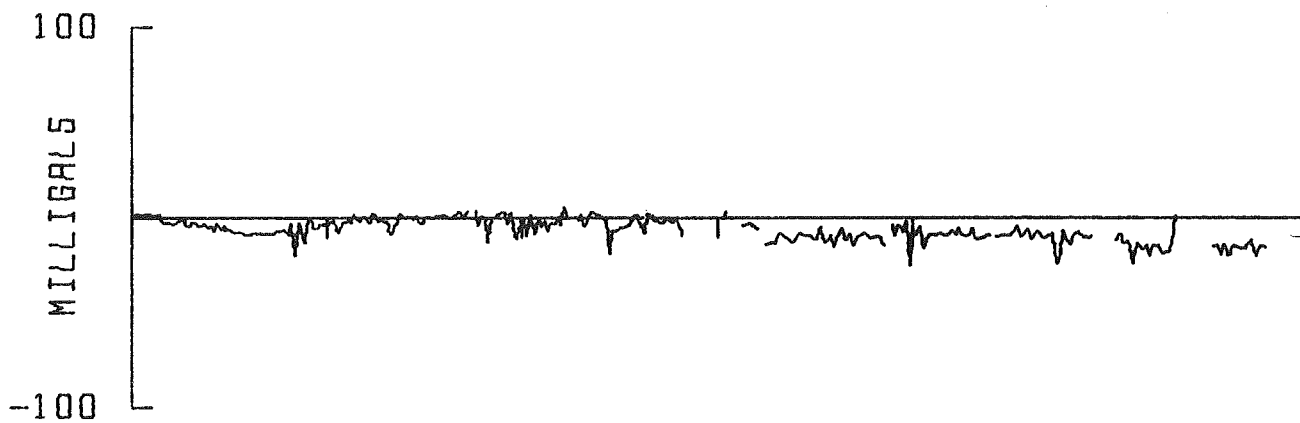
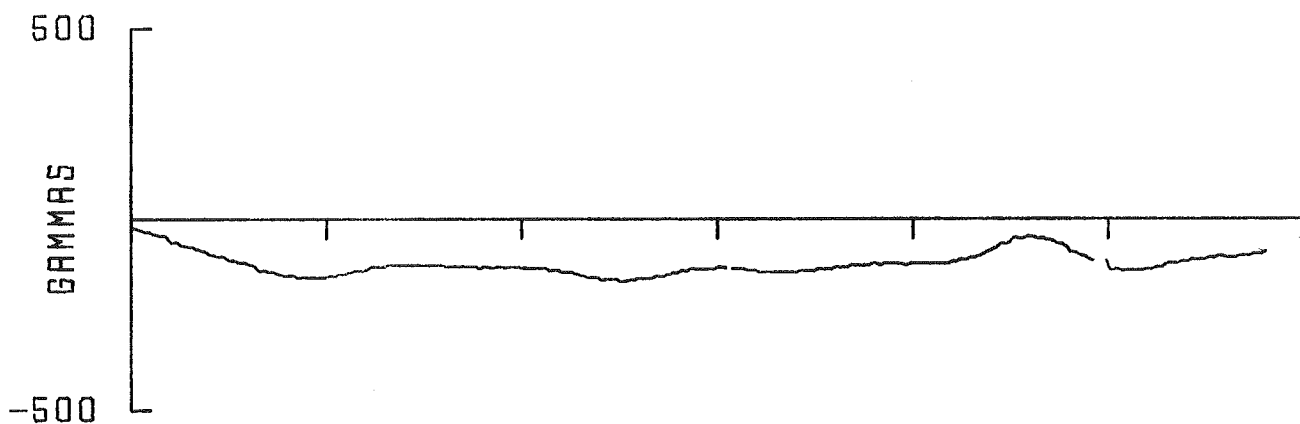
111 2222 042.45N  
065.00W

112 0930 041.50N  
063.67W

1/1000000 AT 46 N



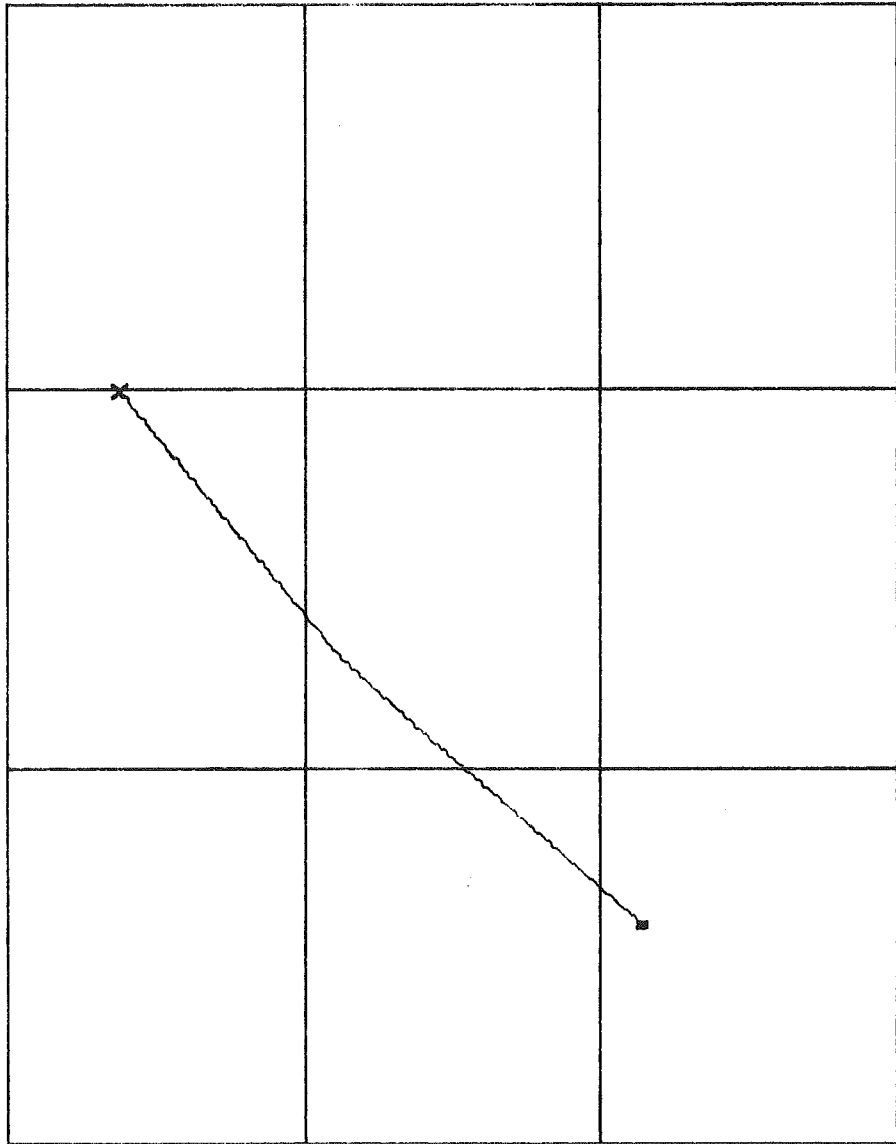
# 1/1000000 AT 46 N



112 0932 041.50N  
063.67W

112 2036 040.50N  
062.31W

1/1000000 AT 46 N



41.0 N

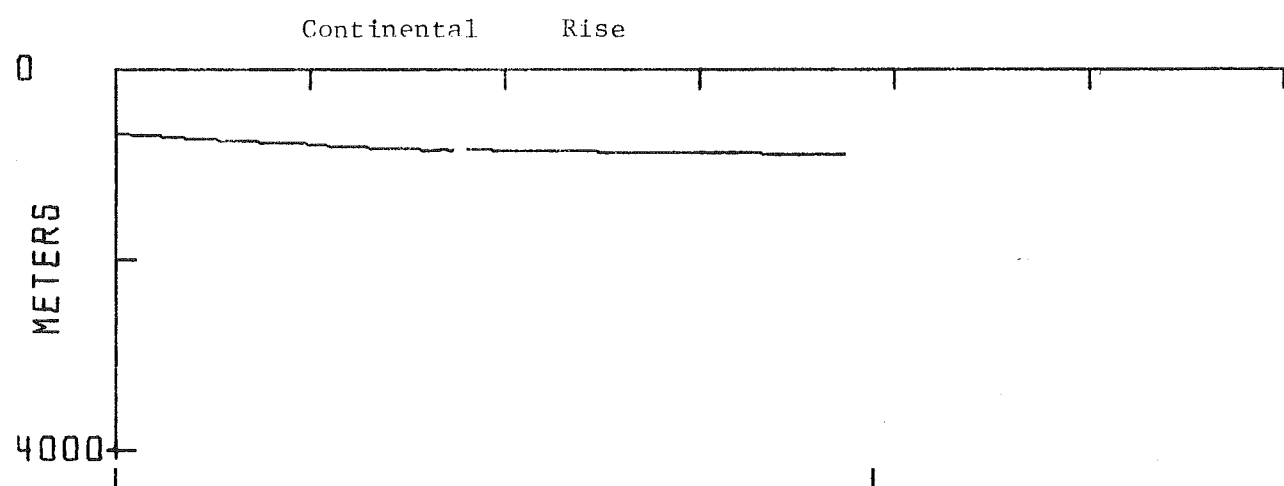
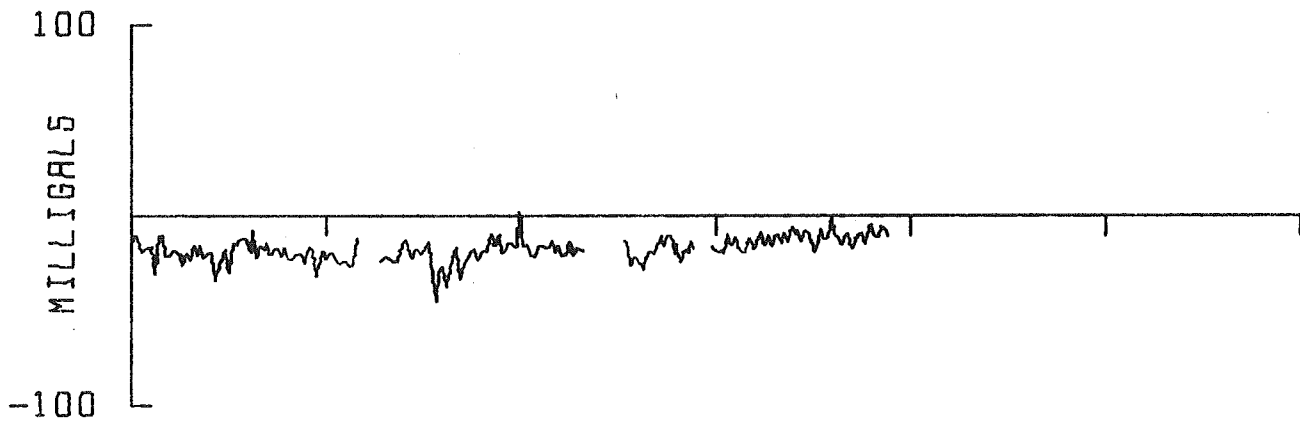
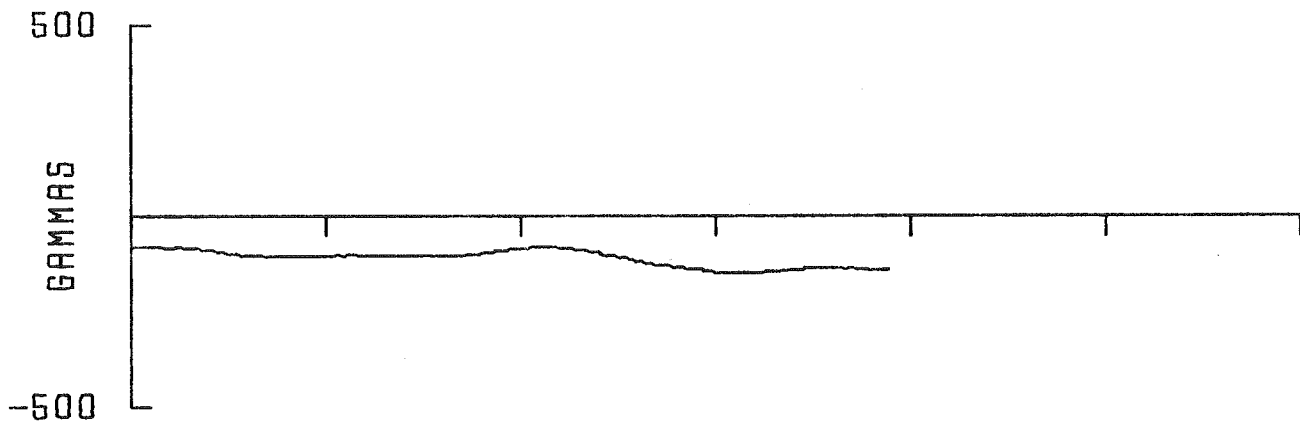


39.5 N

62.5 W

61.0 W

# 1/1000000 AT 46 N



Continental Rise

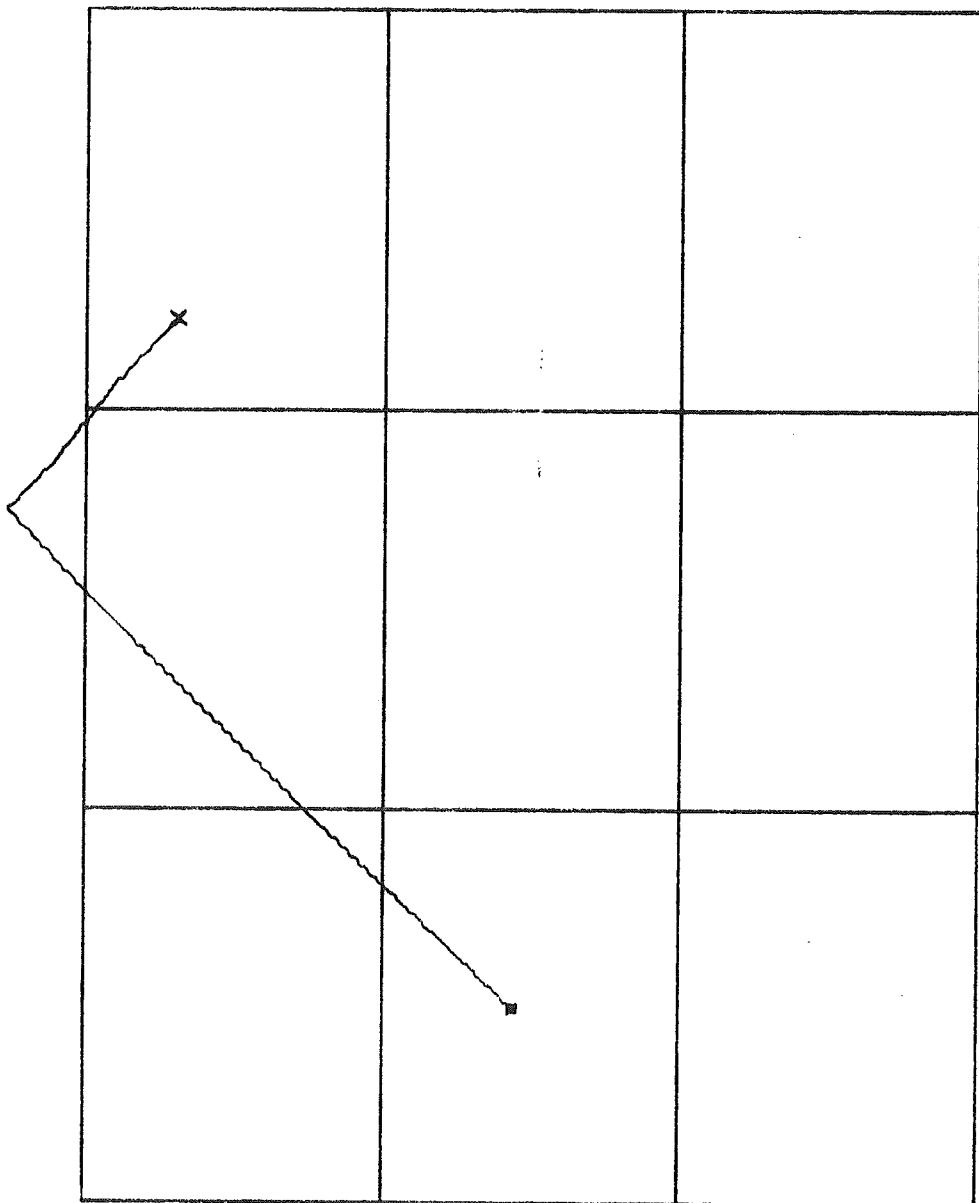
112 2038 040.50N  
062.31W

113 0400 039.79N  
061.43W

1/1000000 AT 46 N



44.0 N

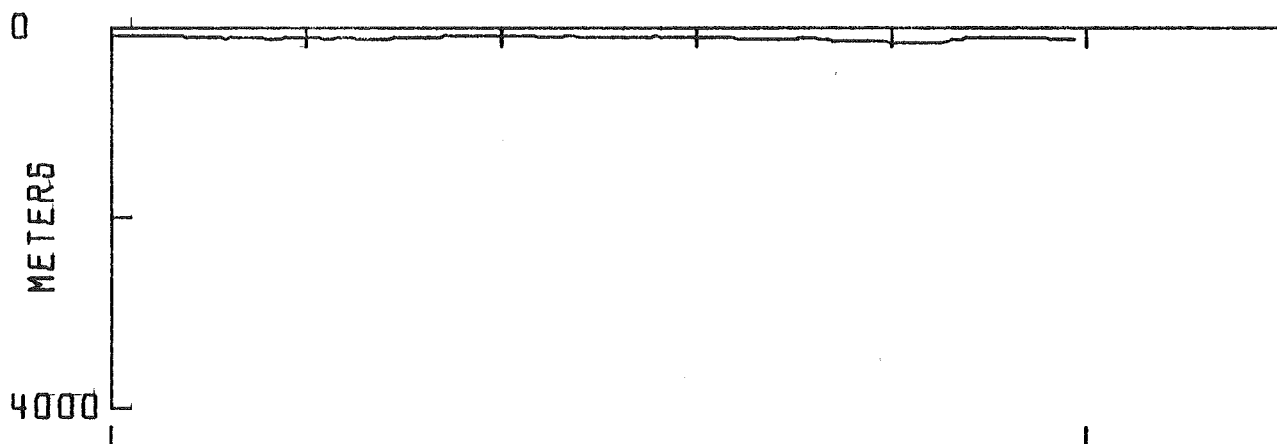
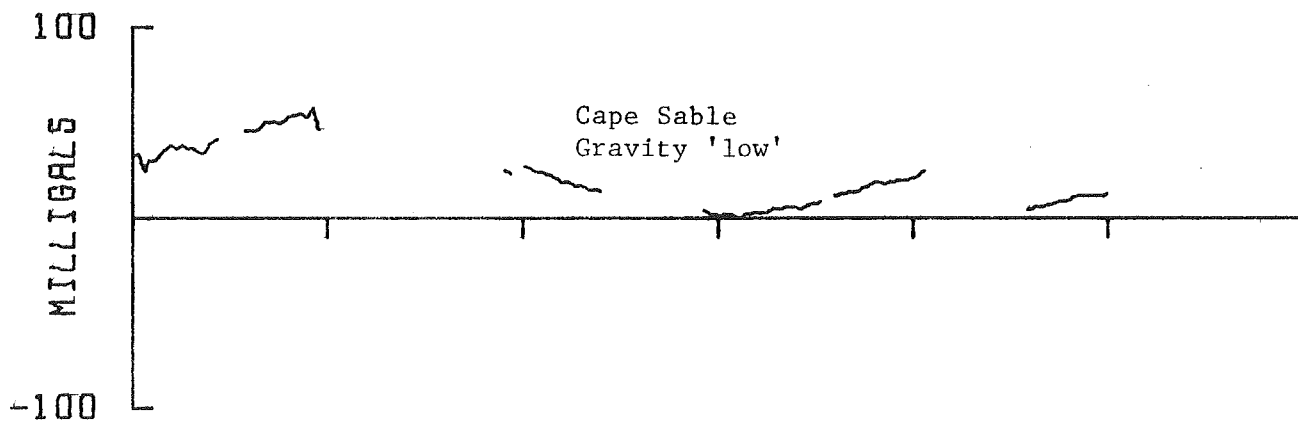
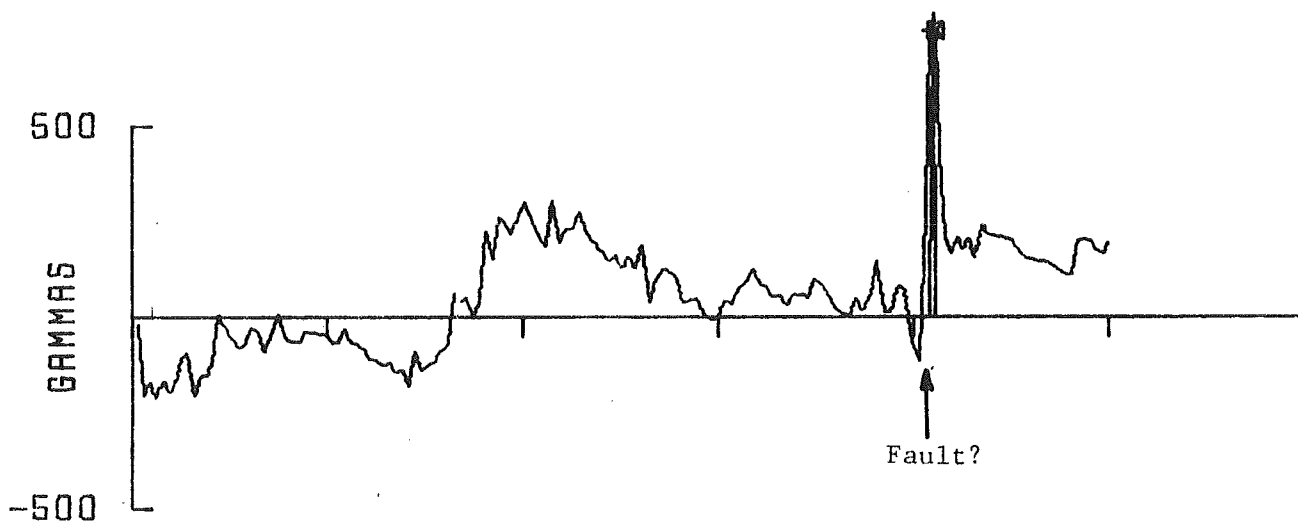


42.6 N

66.5 W

66.0 W

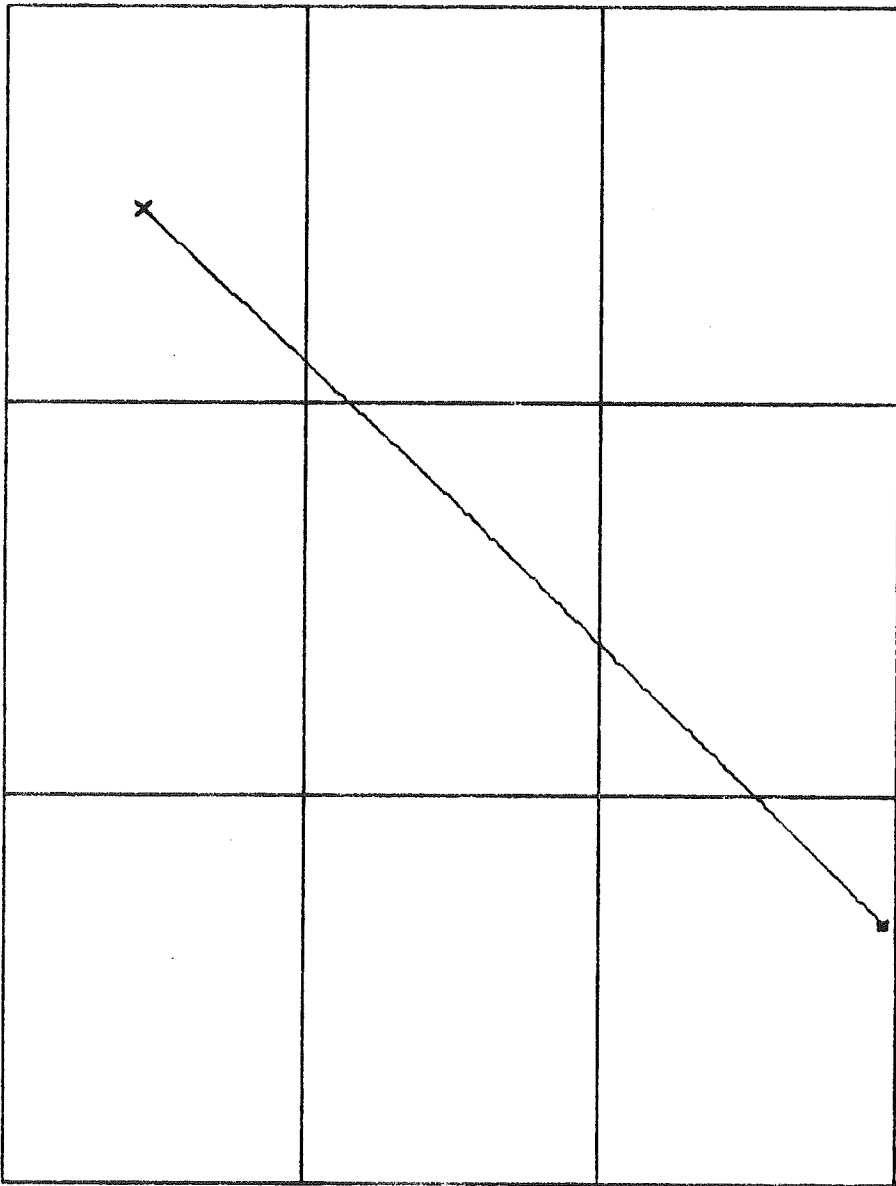
1/1000000 AT 46 N



117 1900 043.61N  
066.35W

117 2358 042.75N  
065.78W

1/1000000 AT 46 N



43.0 N



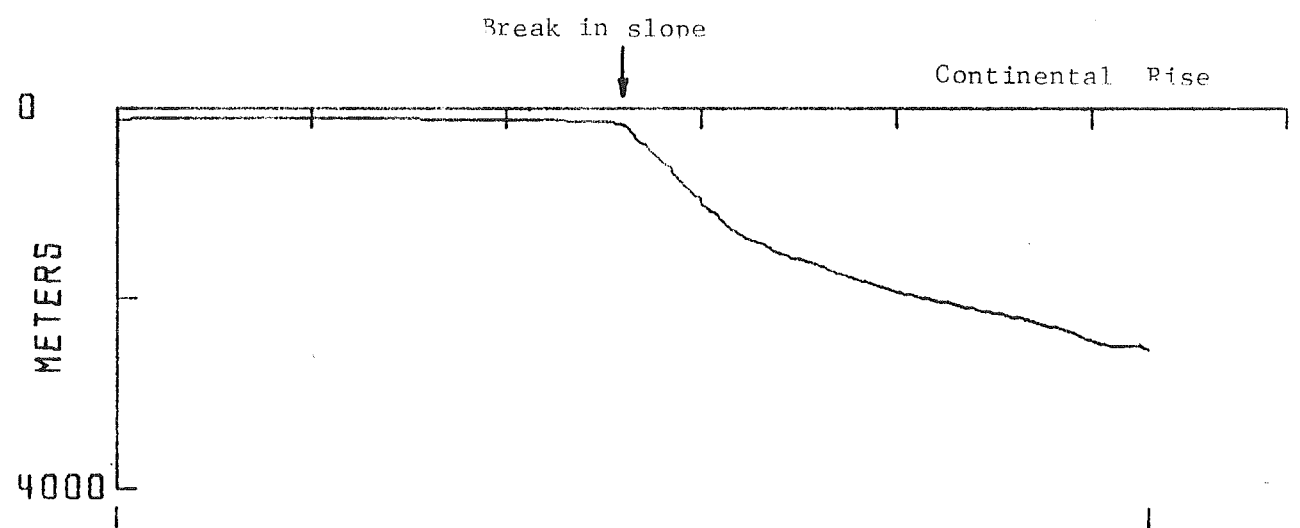
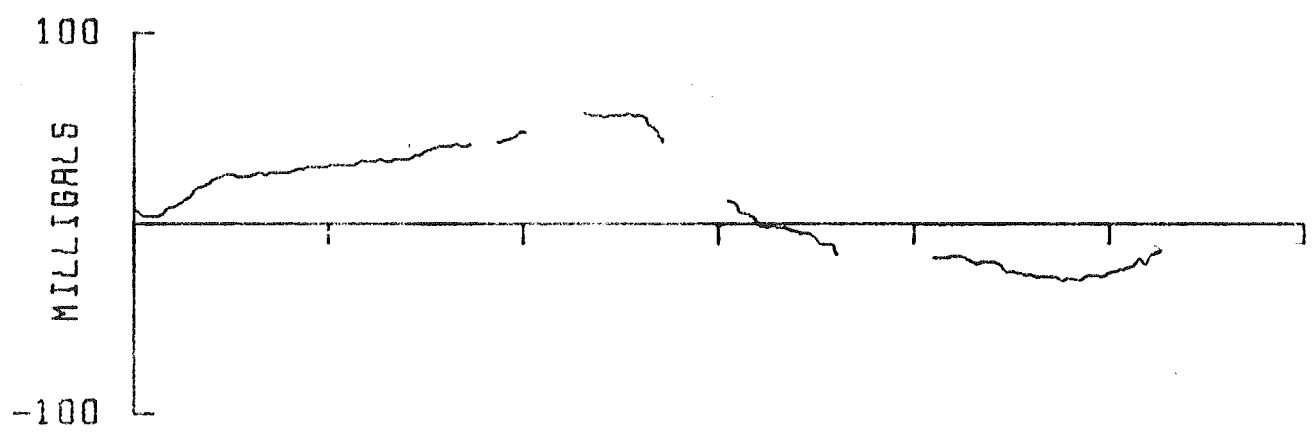
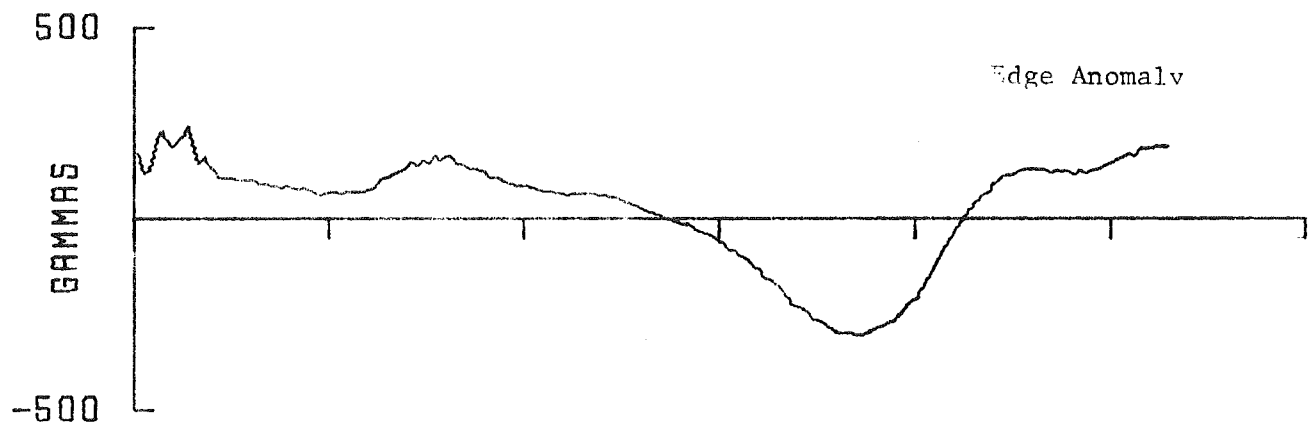
41.5 N

66.0 W

64.5 W



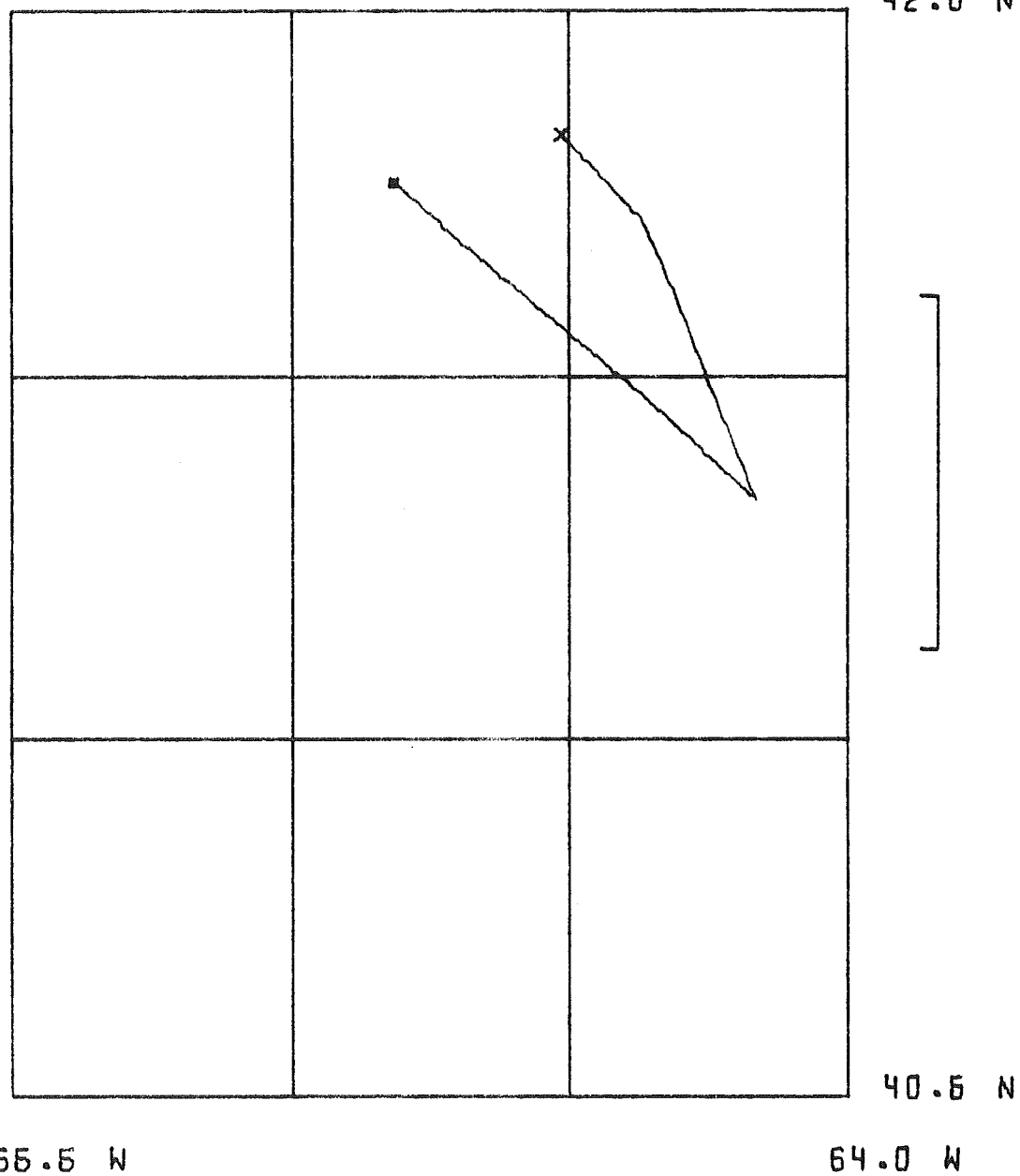
1/1000000 AT 46 N



118 0000 042.74N  
065.77W

118 0600 041.84N  
064.52W

L/1000000 AT 46 N



42.0 N



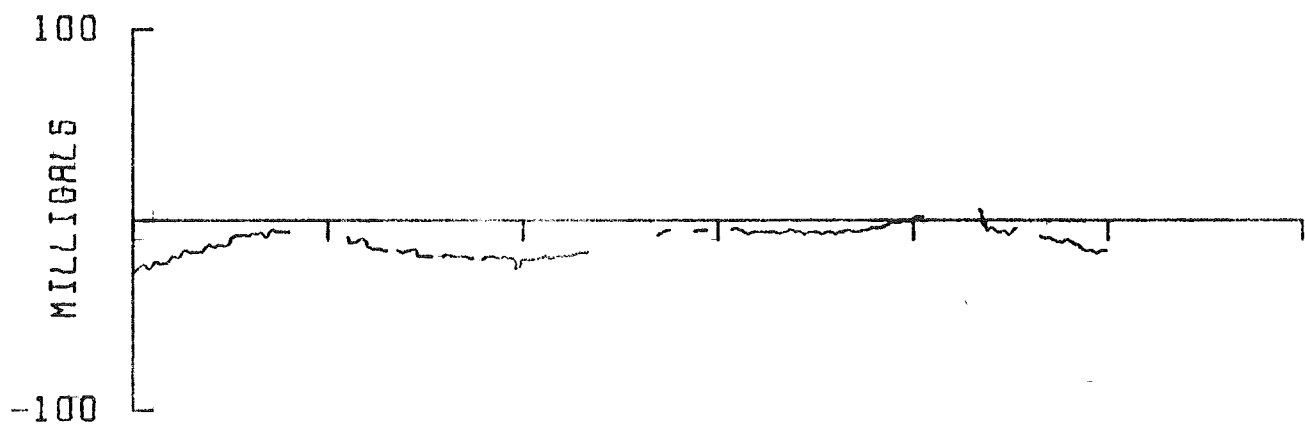
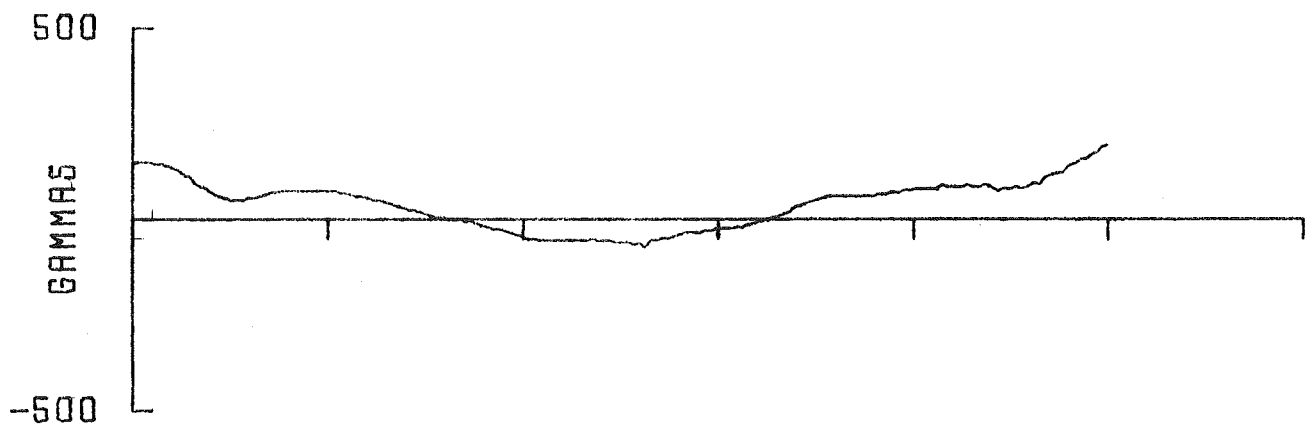
40.6 N

65.5 W

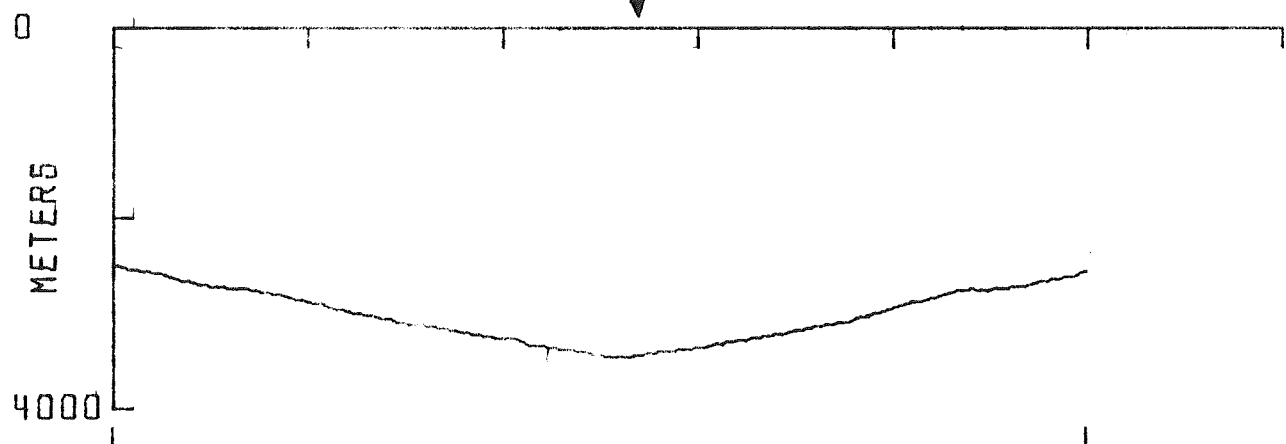
64.0 W

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1/1000000 AT 46 N



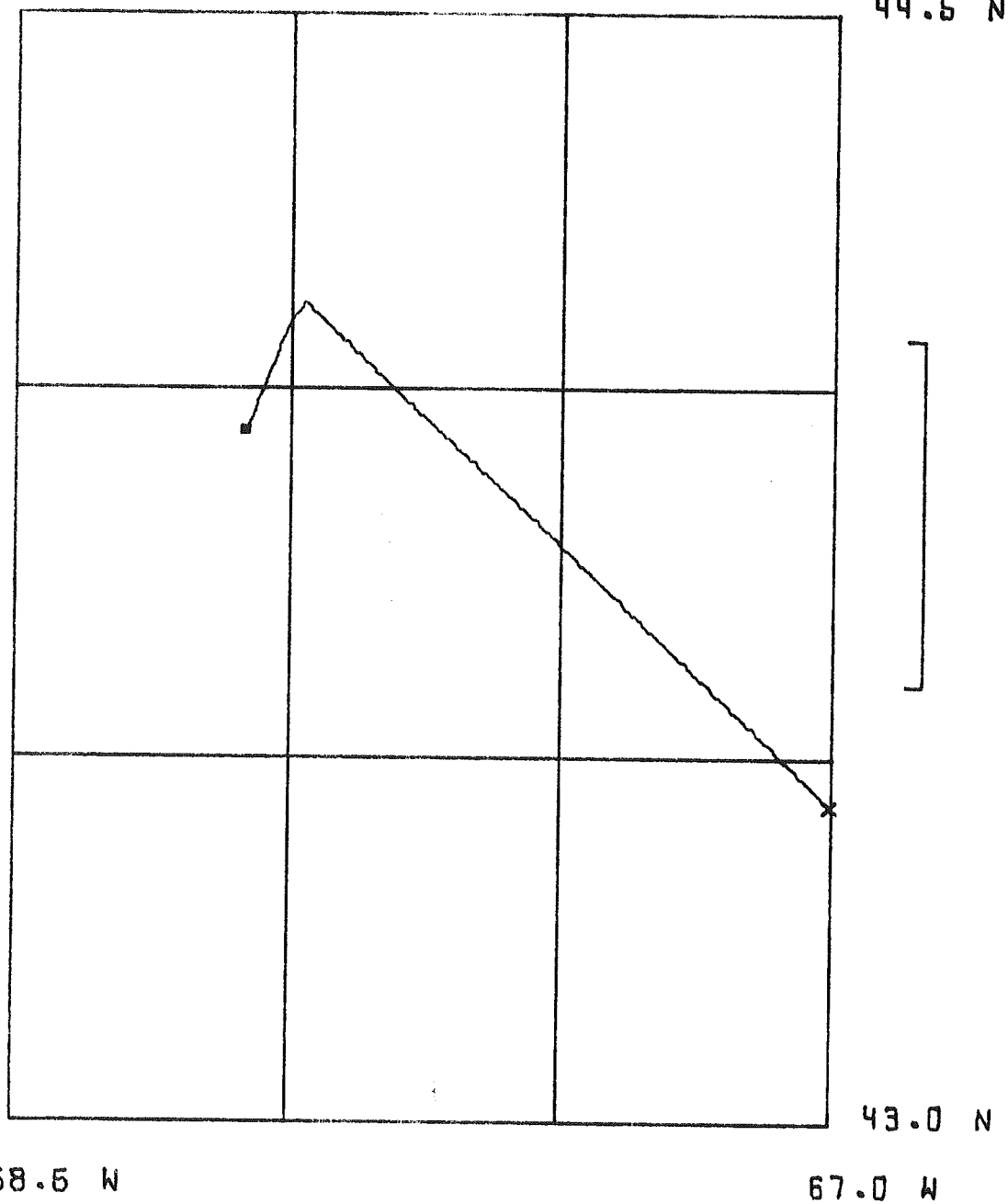
Alteration of course

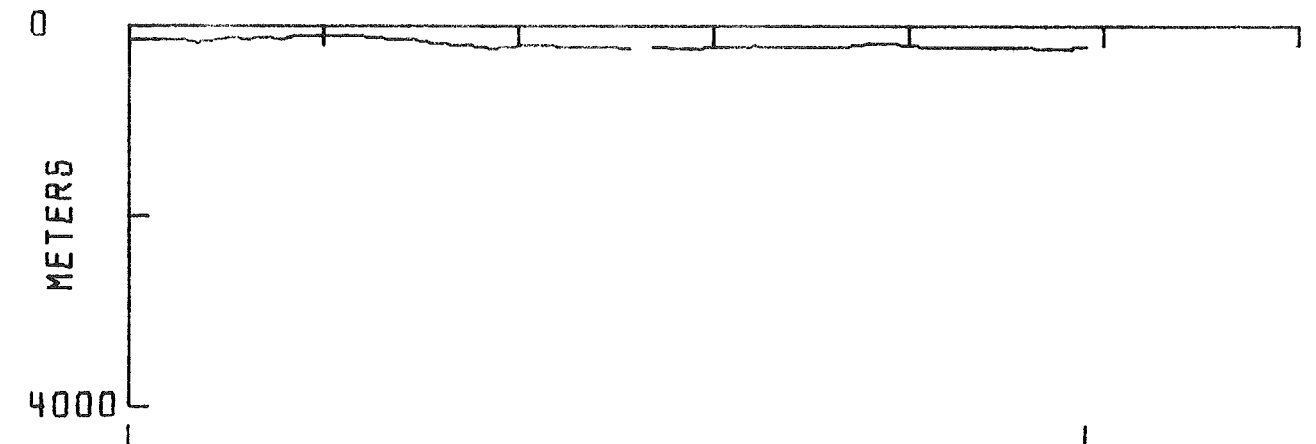
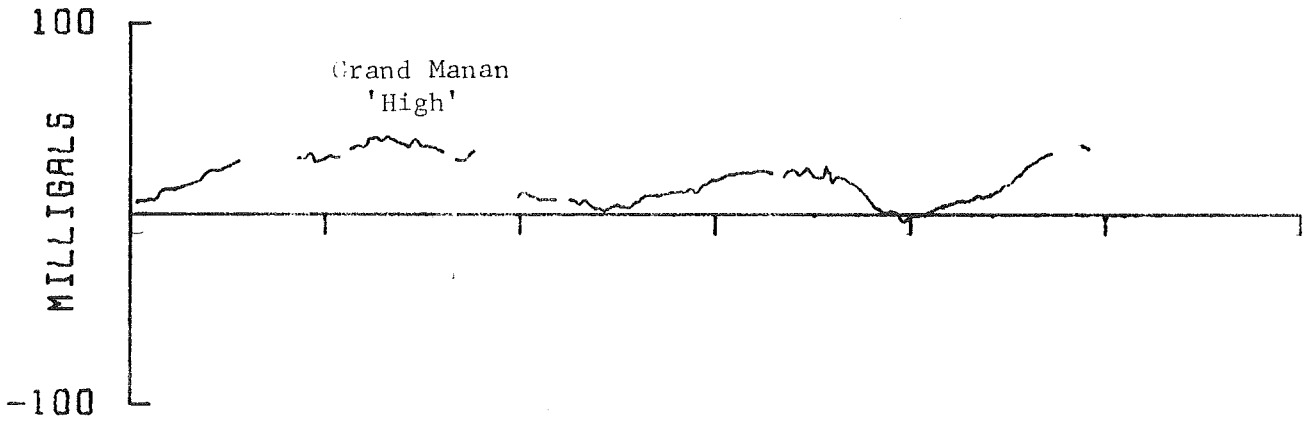
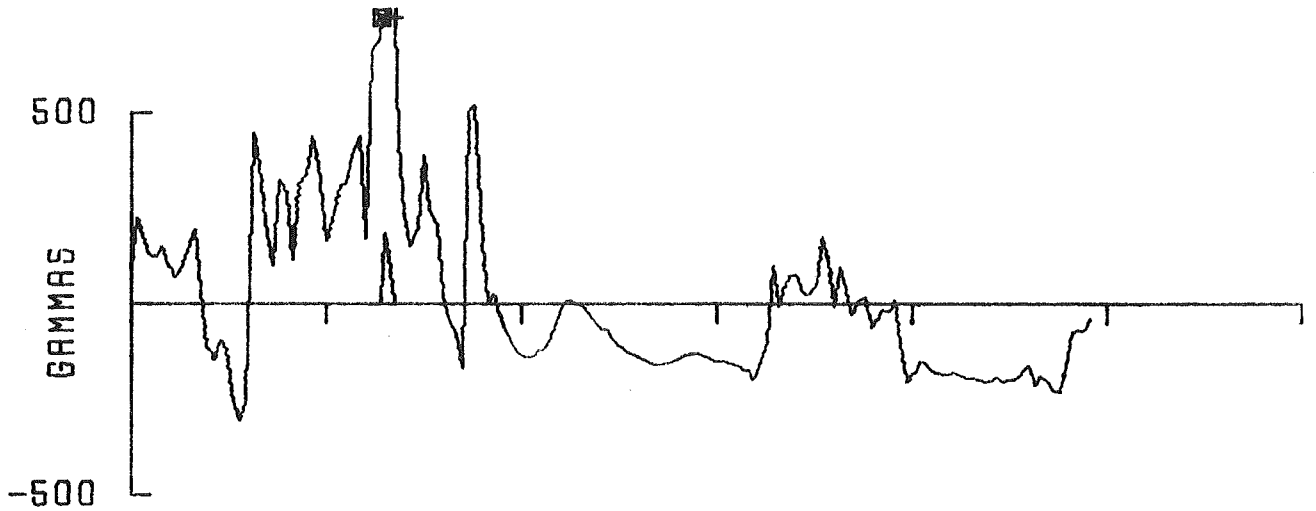


118 1130 041.77N  
064.81W

118 0602 041.83N  
064.51W

1/1000000 AT 46 N

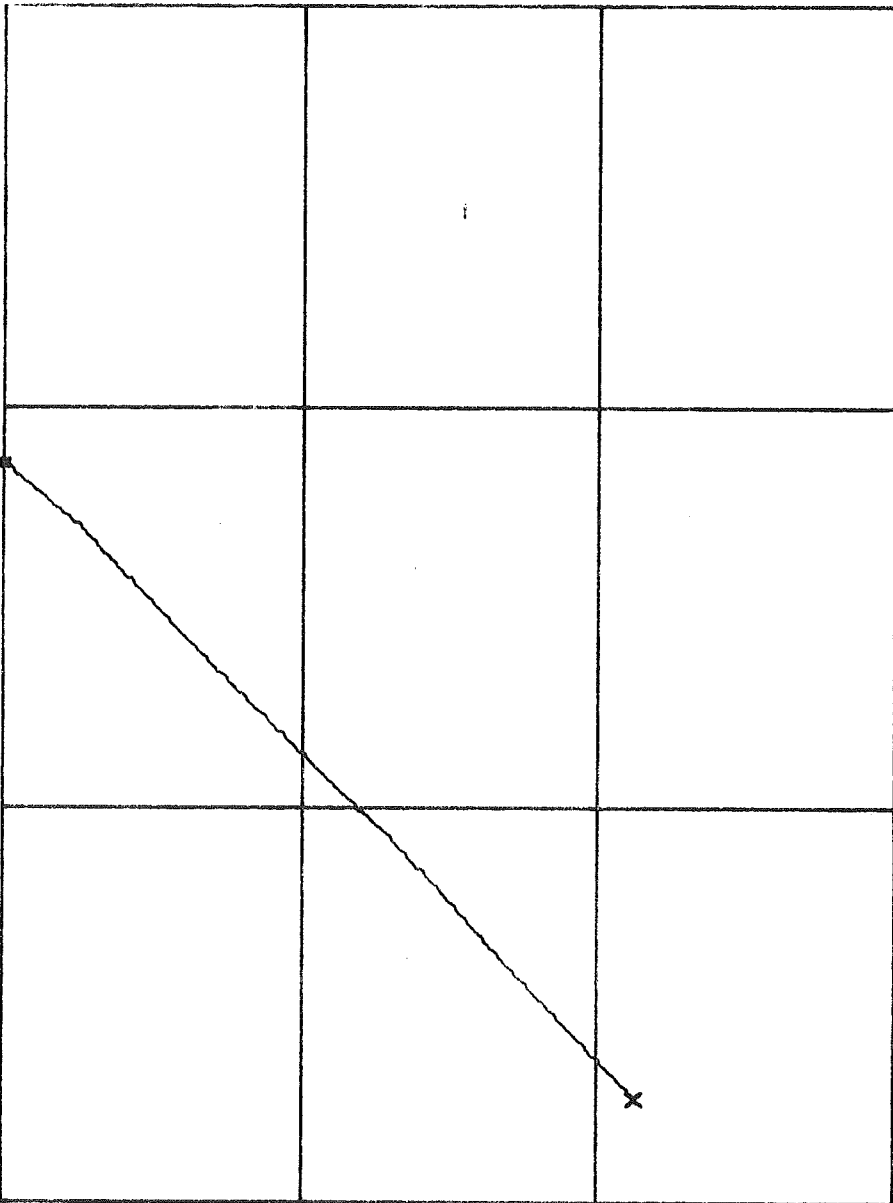




119 0238 043.94N  
068.08W

118 2132 043.44N  
067.00W

1/1000000 AT 46 N



44.0 N

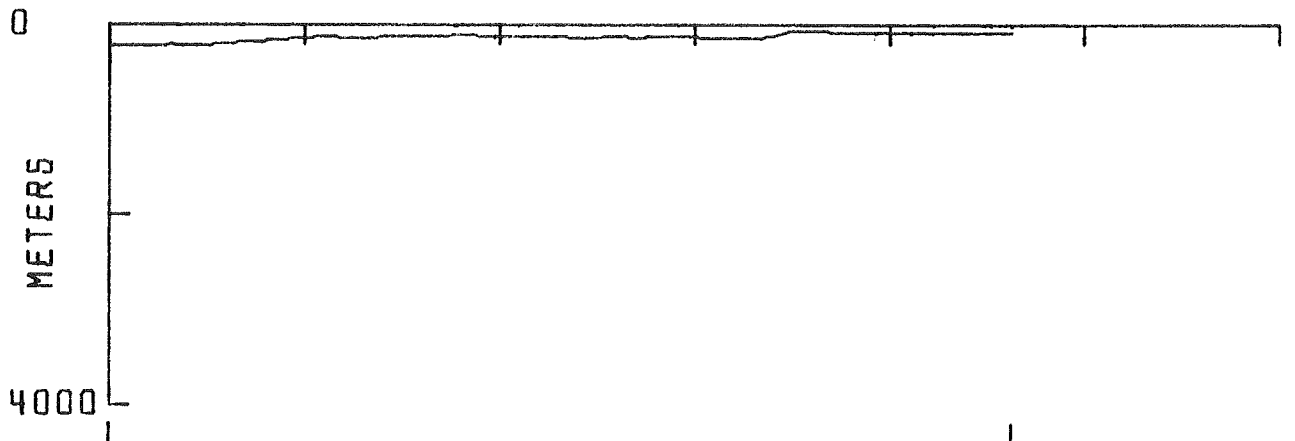
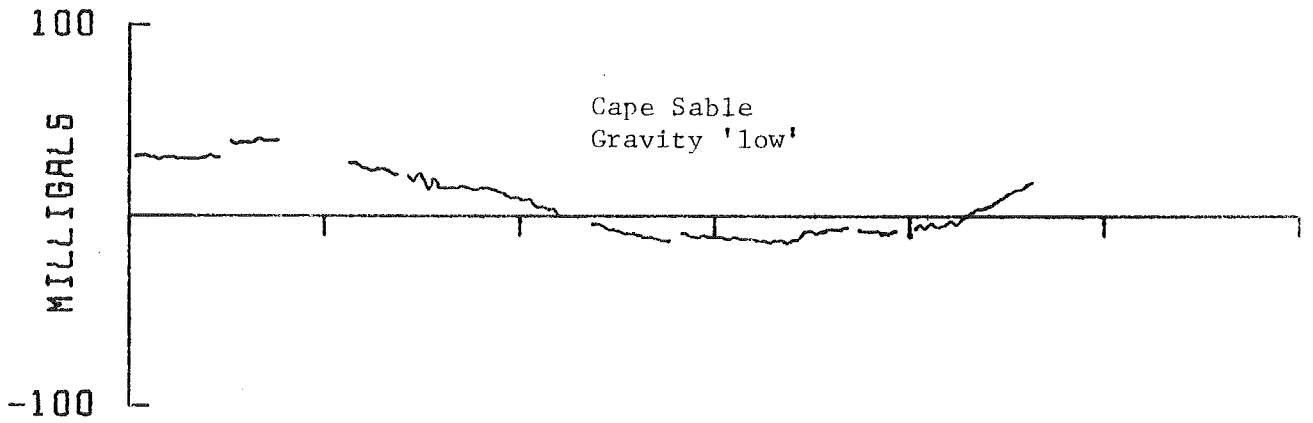
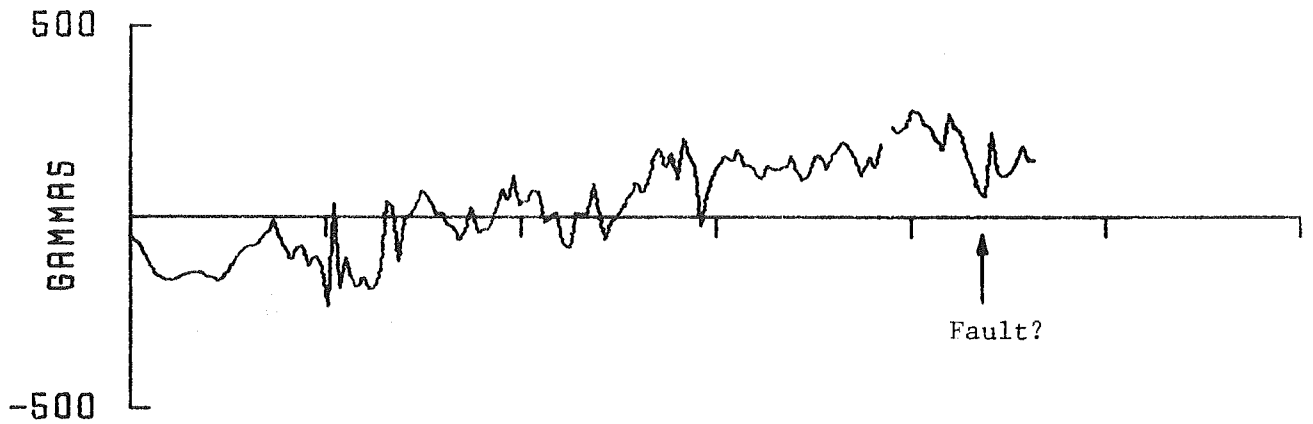


42.5 N

67.0 W

65.5 W

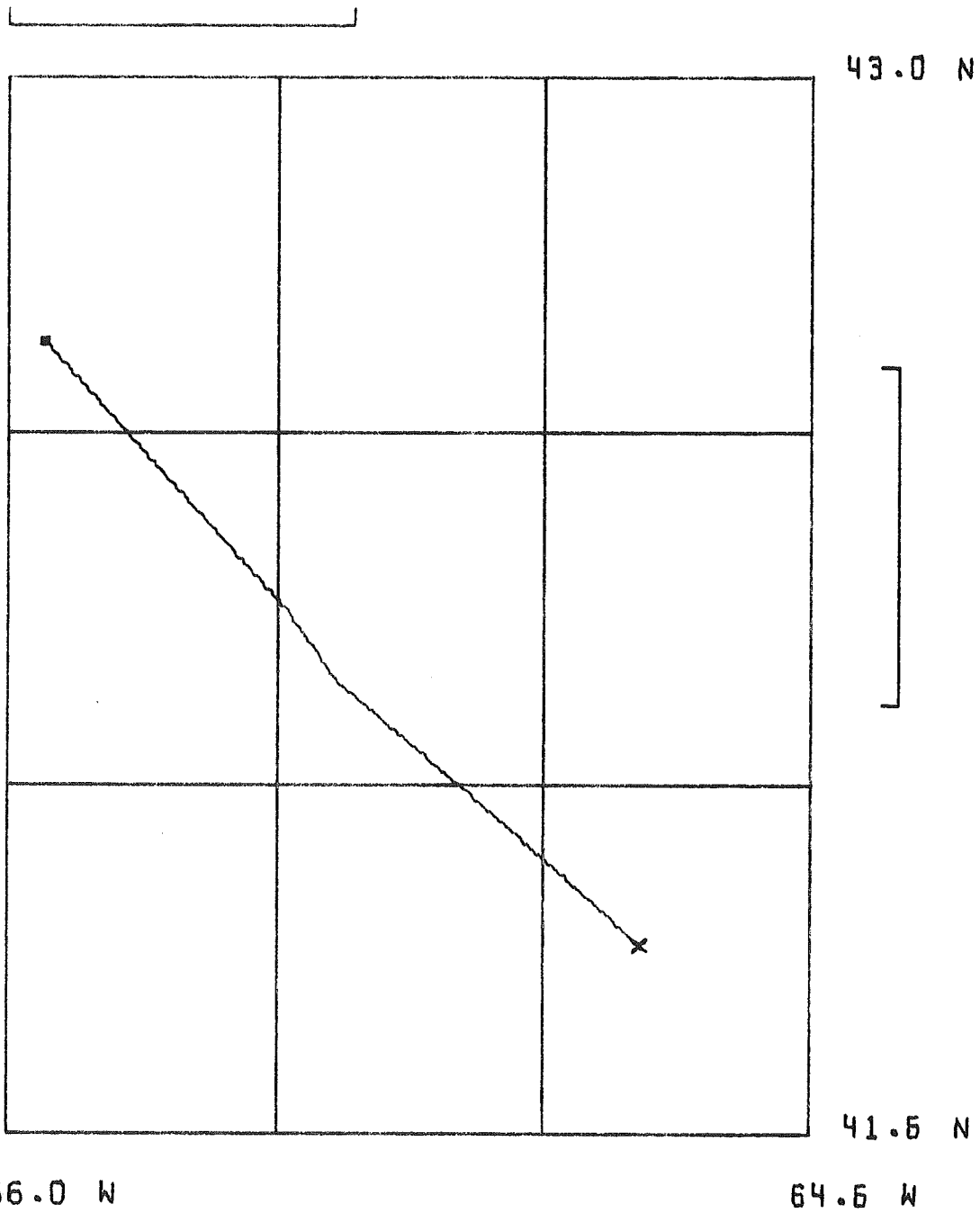
# 1/1000000 AT 46 N



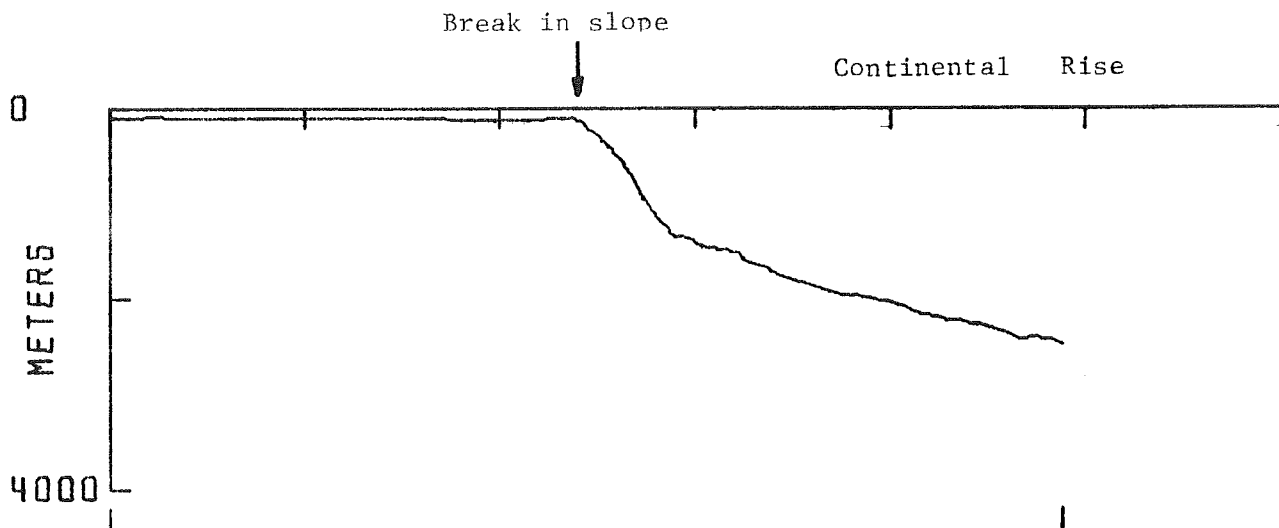
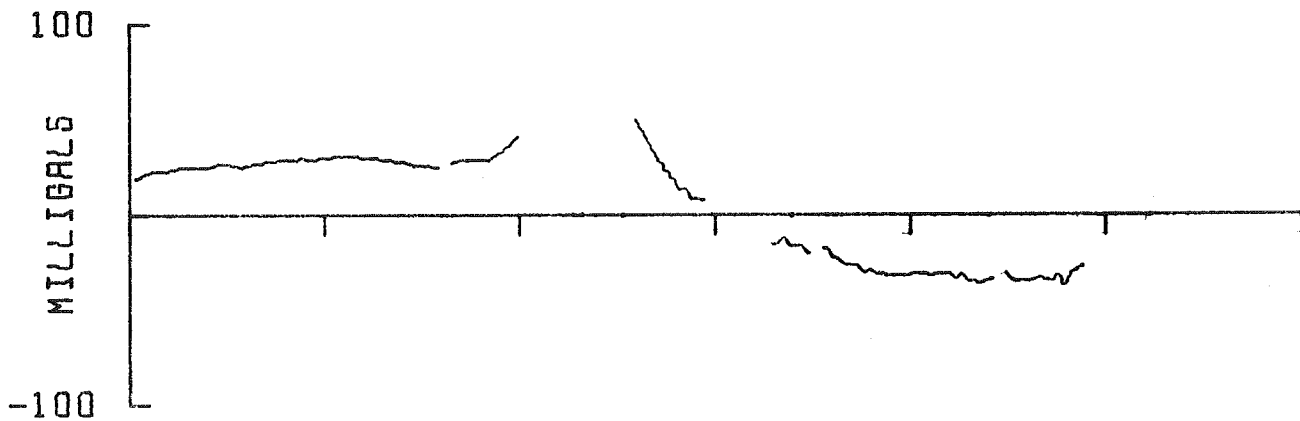
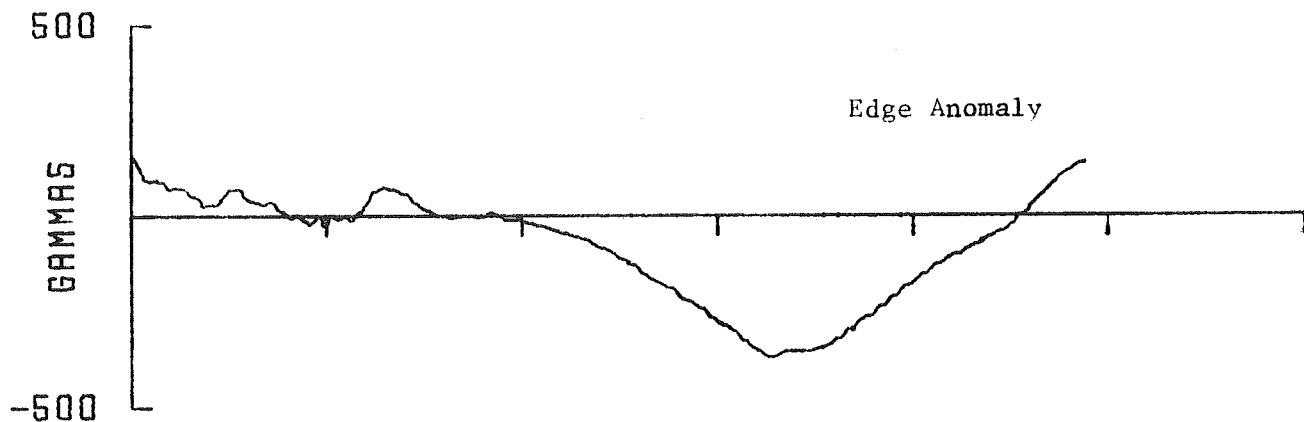
118 2130 049.43N  
067.00W

118 1632 042.63N  
065.94W

1/1000000 AT 46 N







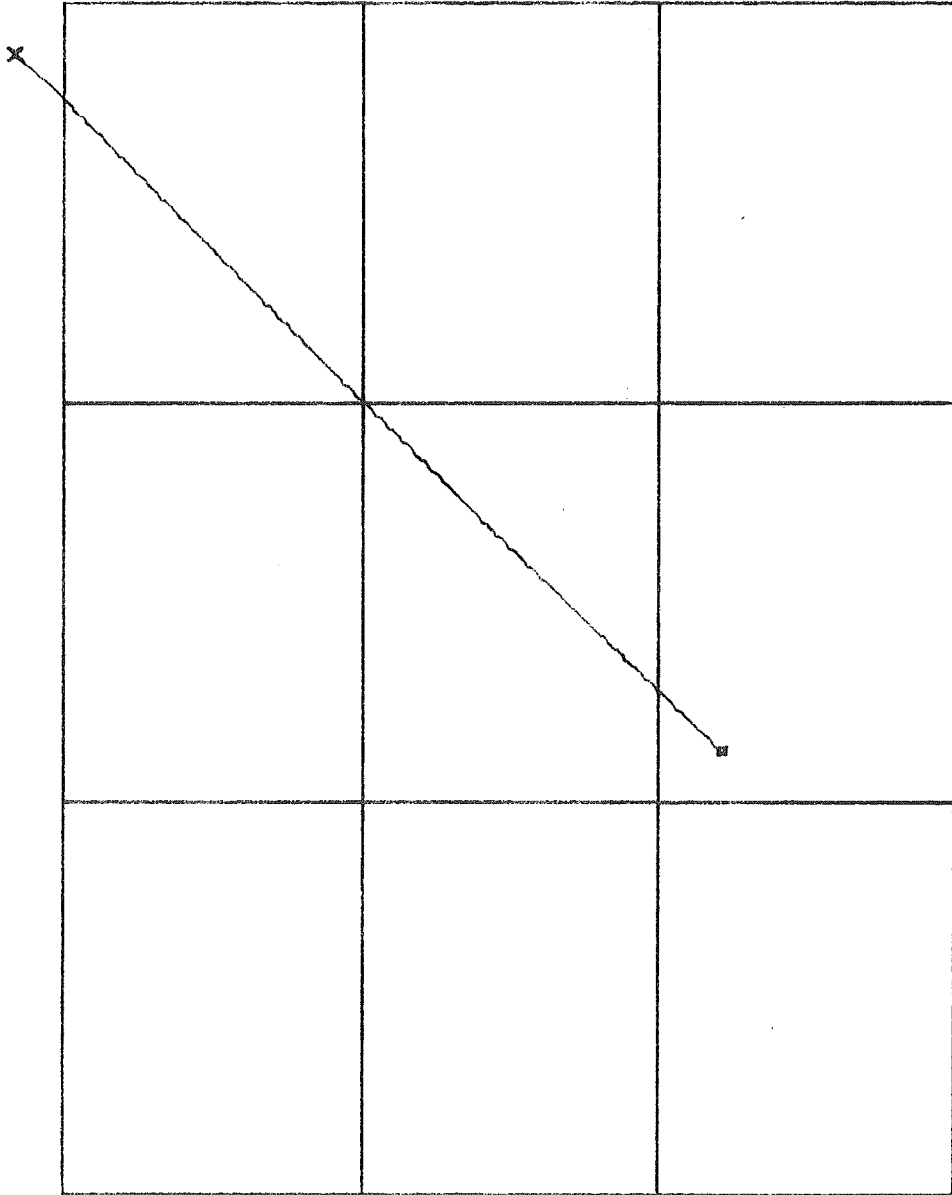
118 1630 042.63N  
065.93W

118 1132 041.77N  
064.82W

1/1000000 AT 46 N



44.0 N

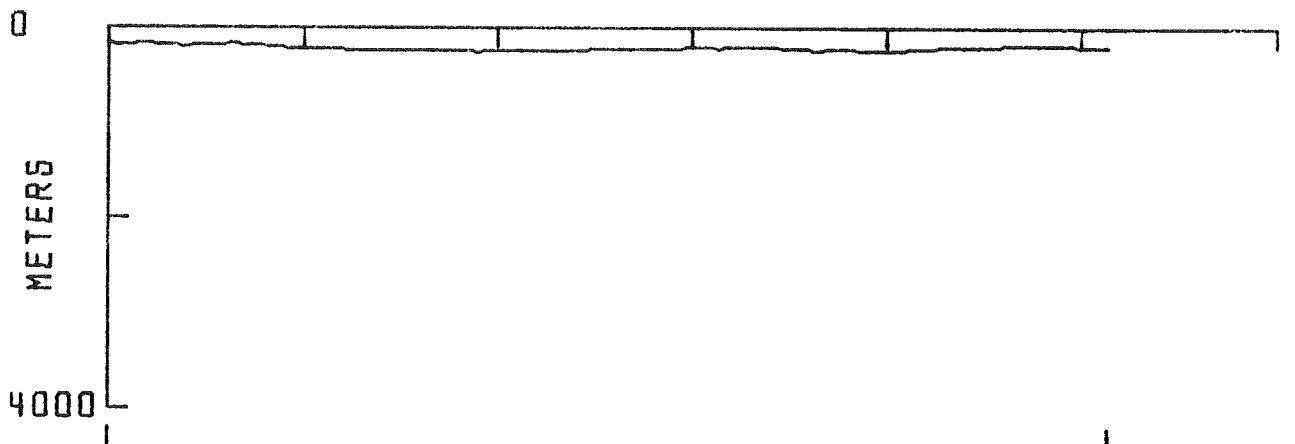
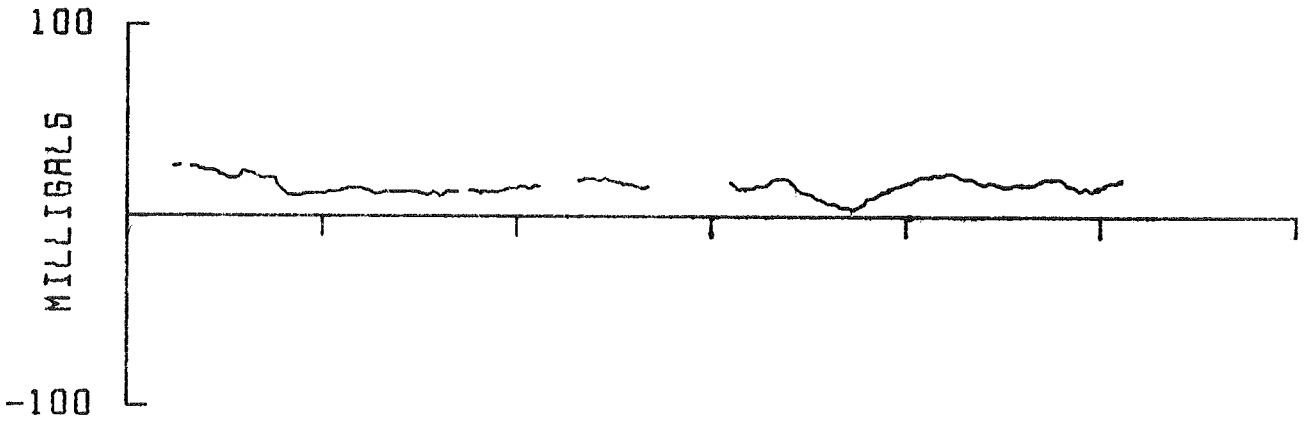
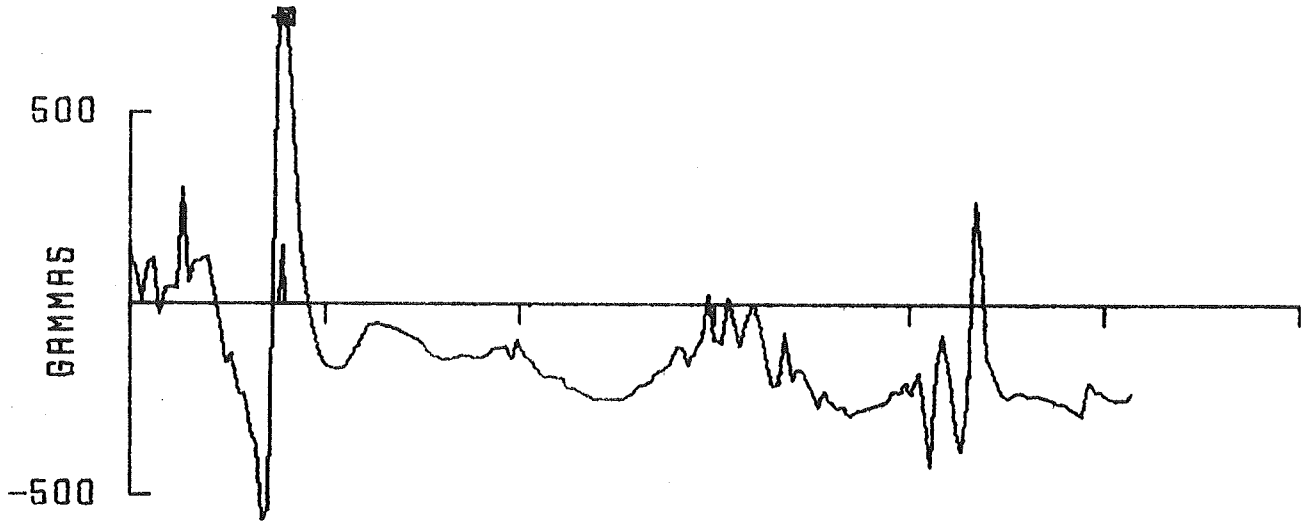


42.5 N

68.0 W

66.5 W

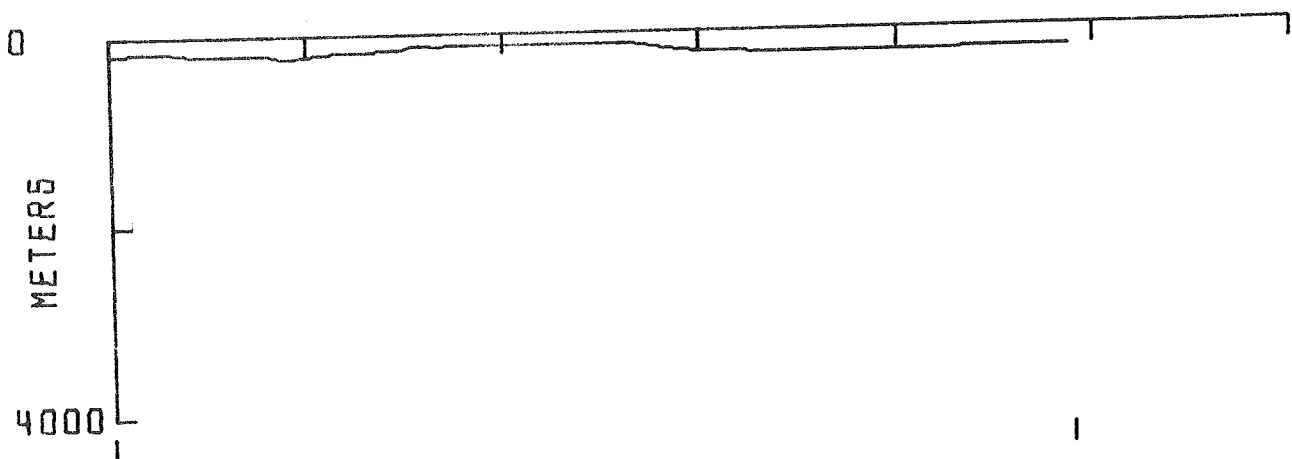
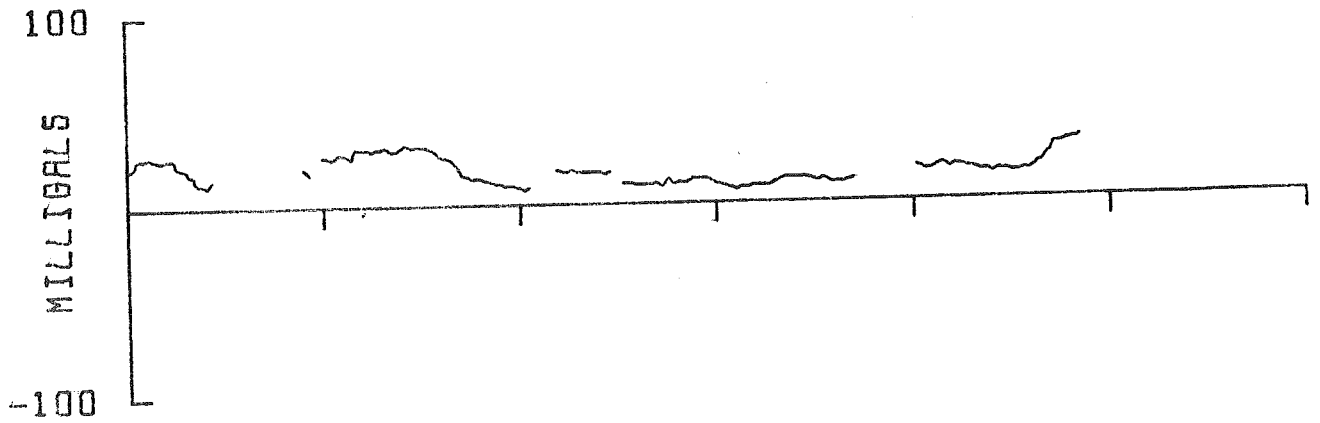
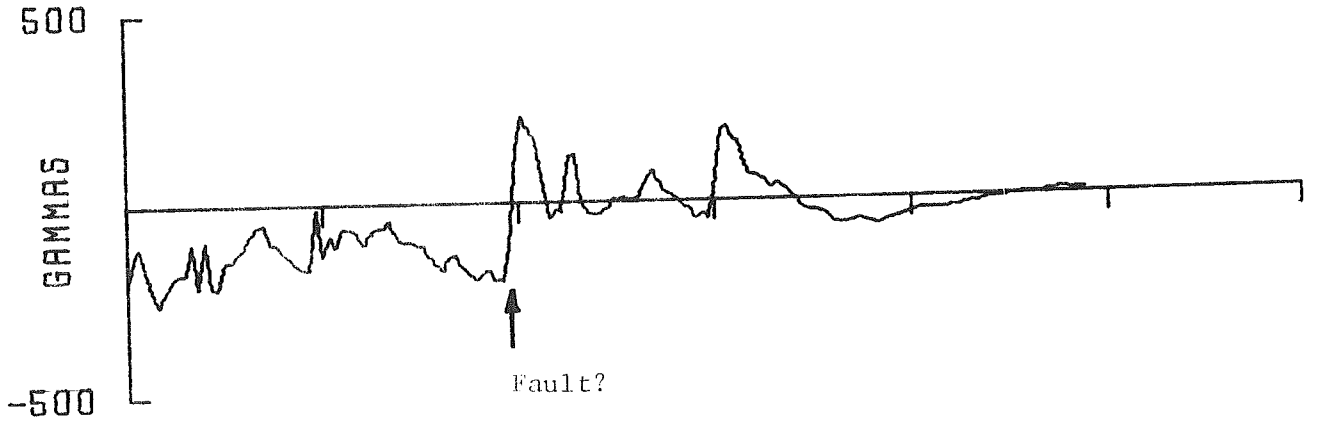
1/1000000 AT 46 N



119 0240 043.93N  
068.08W

119 0800 043.06N  
066.89W

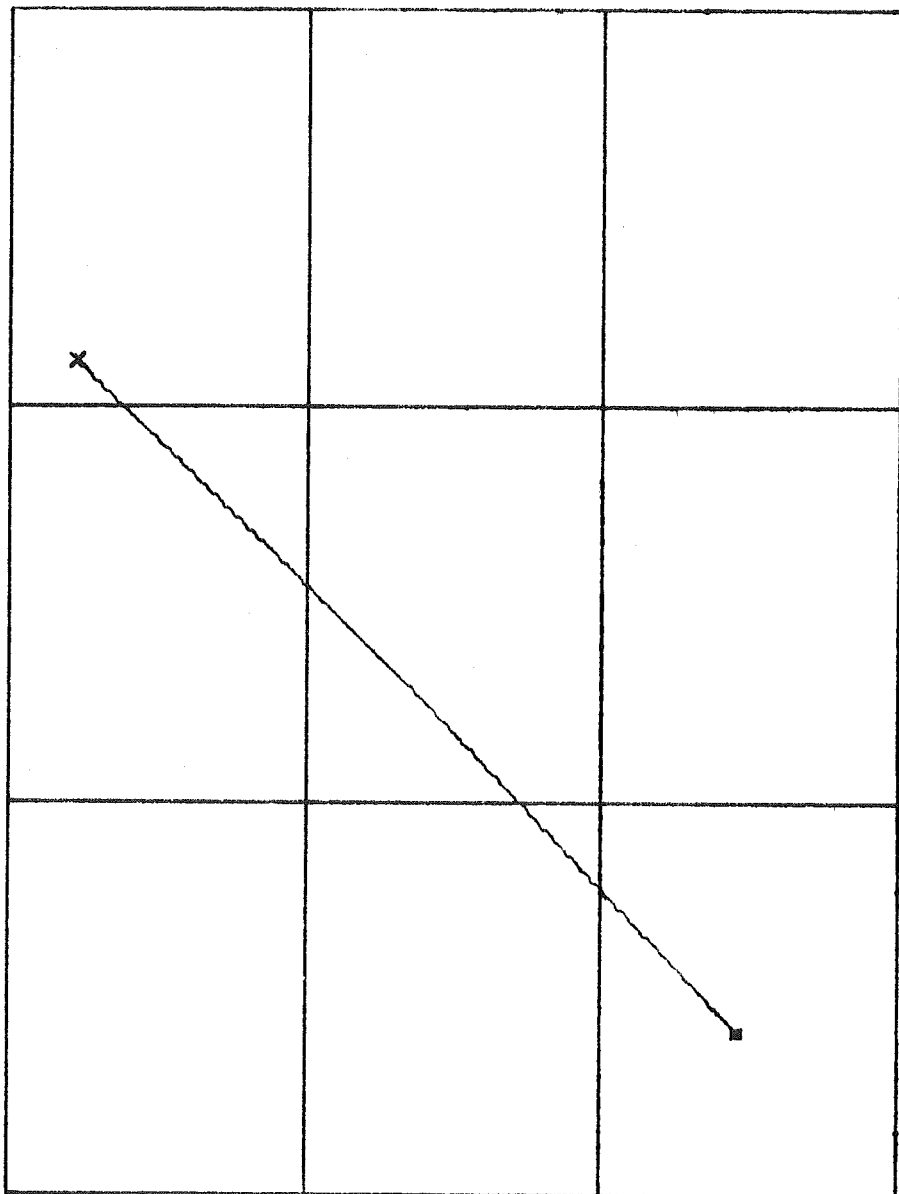
1/1000000 AT 46 N



119 0802 043.06N  
066.89W

119 1300 042.21N  
065.77W

1/1000000 AT 46 N



43.6 N

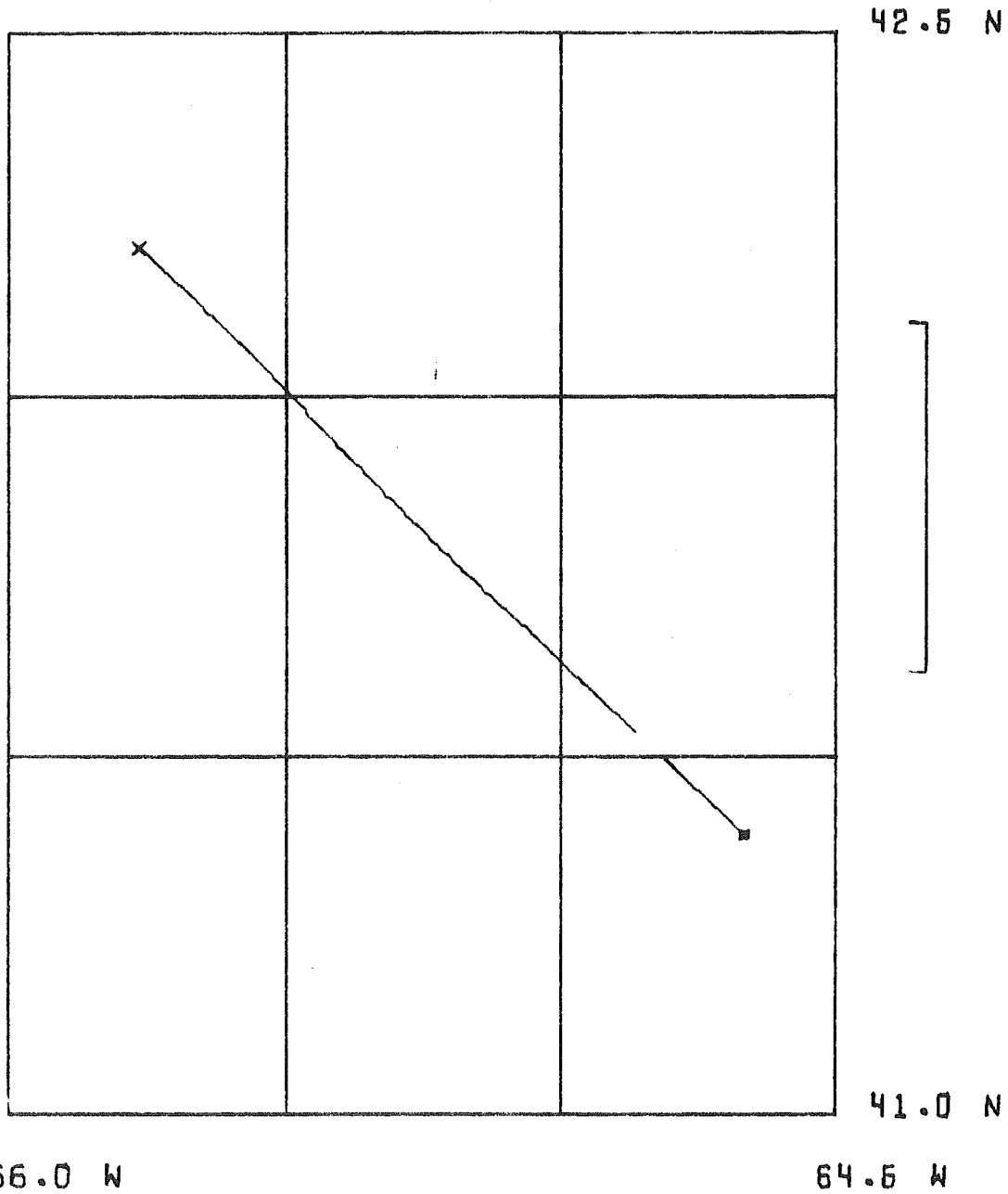


42.0 N

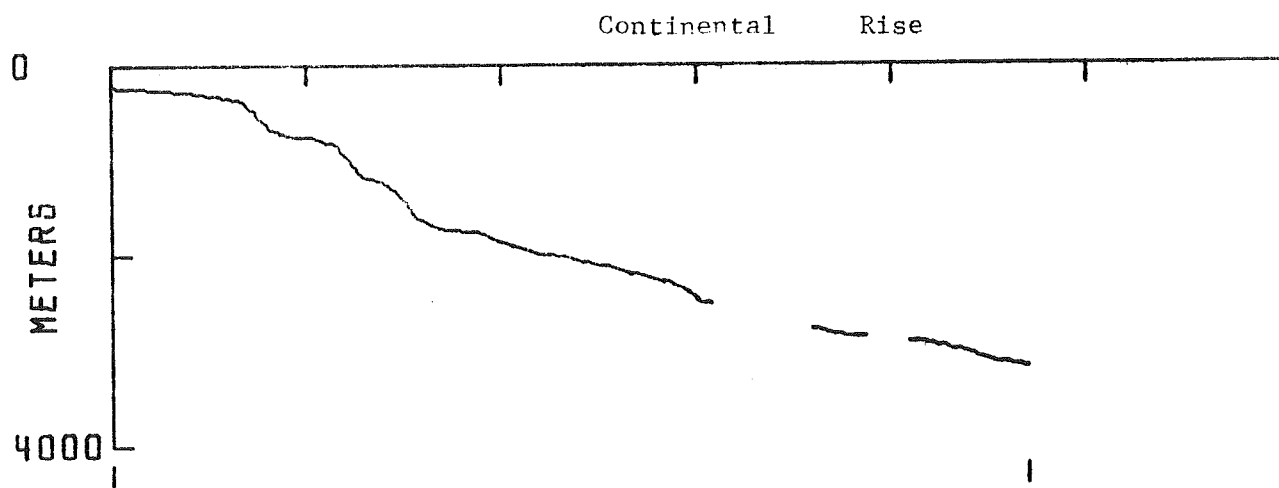
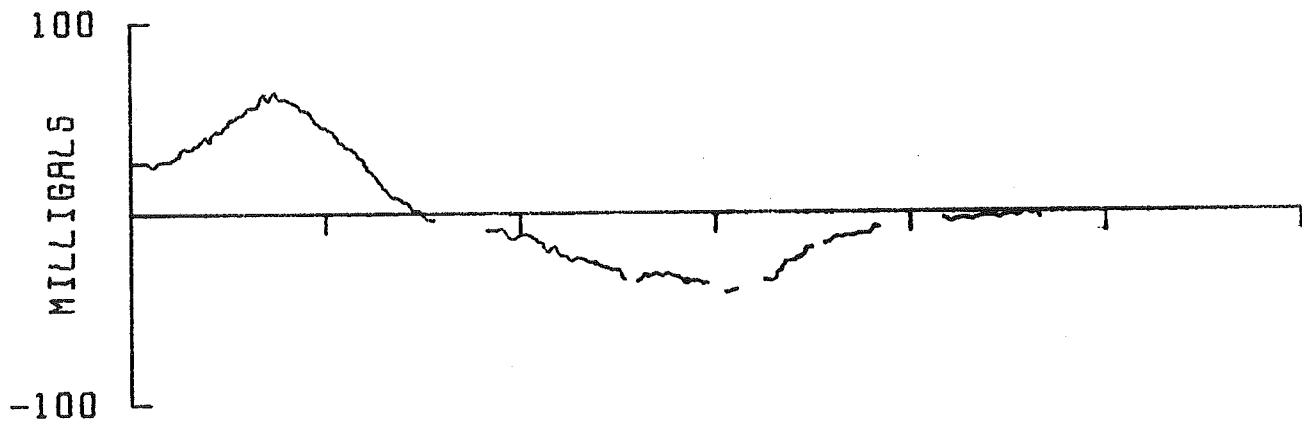
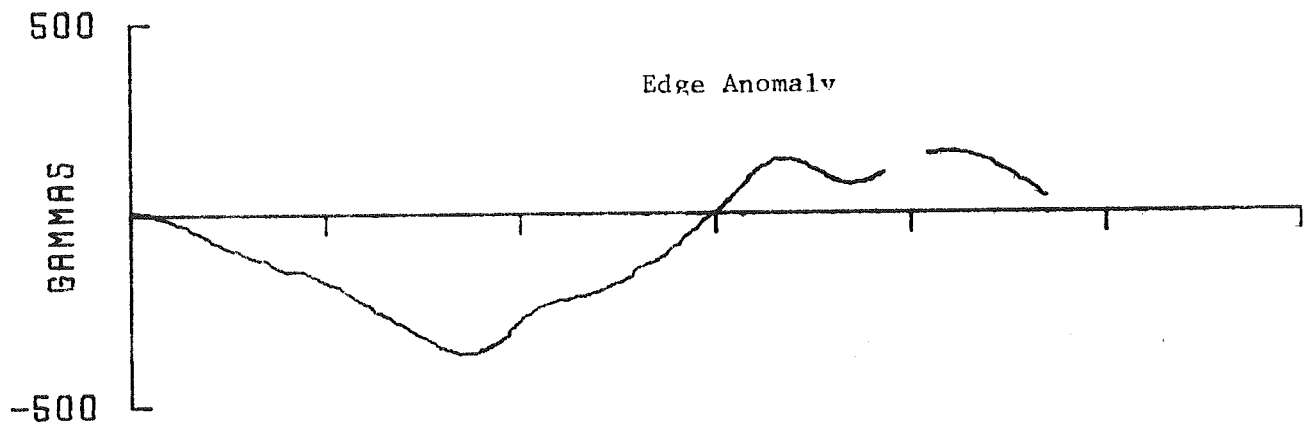
67.0 W

66.5 W

1/1000000 AT 46 N



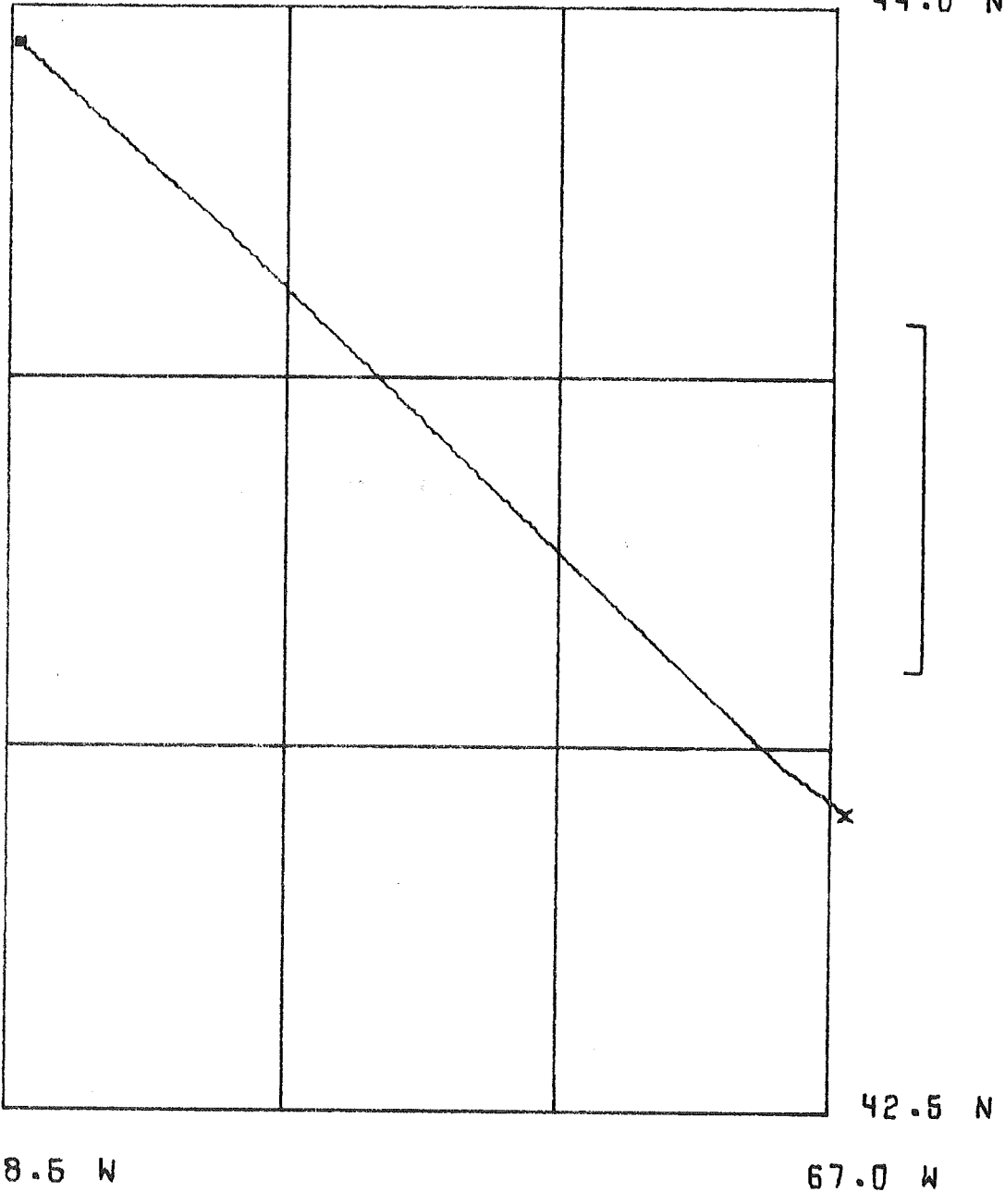
1/1000000 AT 46 N



119 1302 042.21N  
065.76W

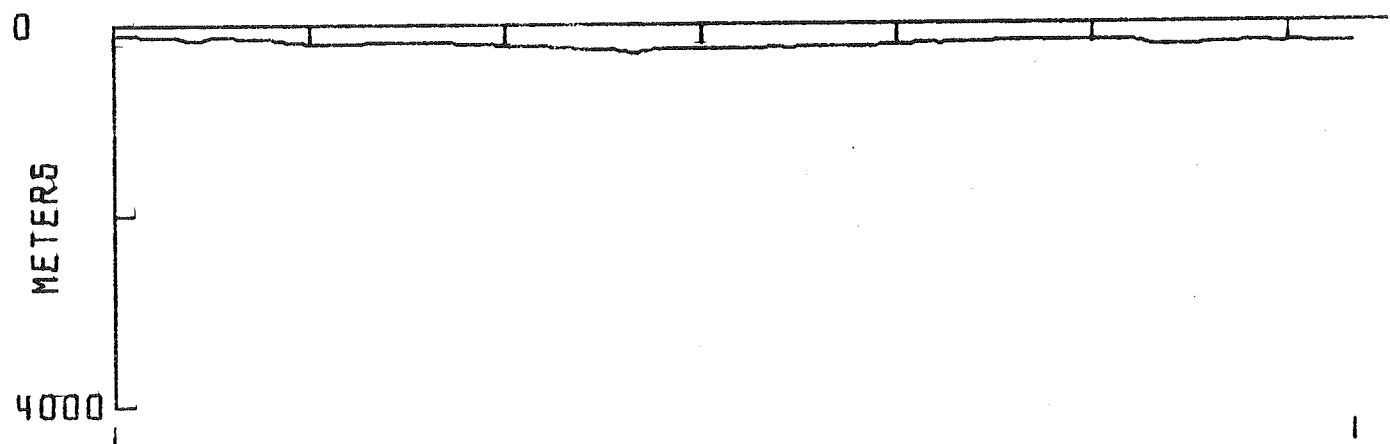
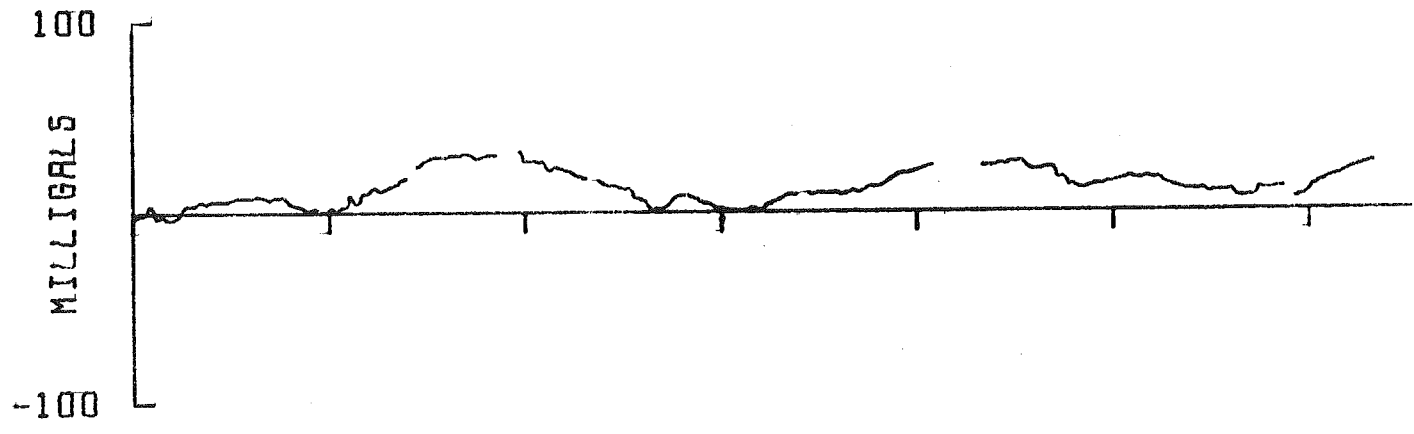
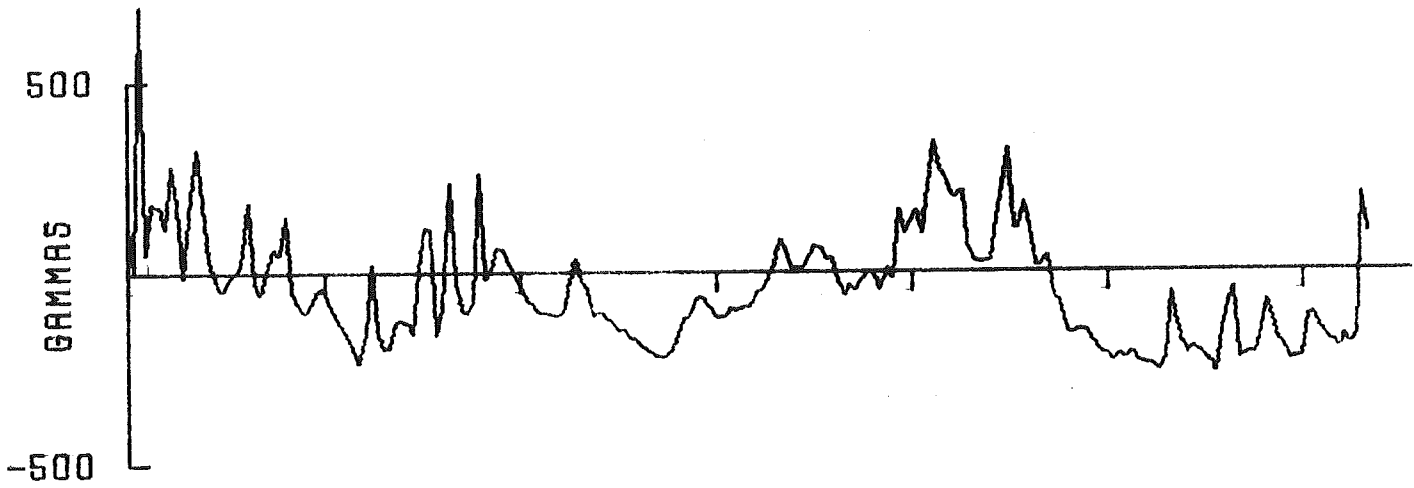
119 1830 041.39N  
064.67W

1/1000000 AT 46 N





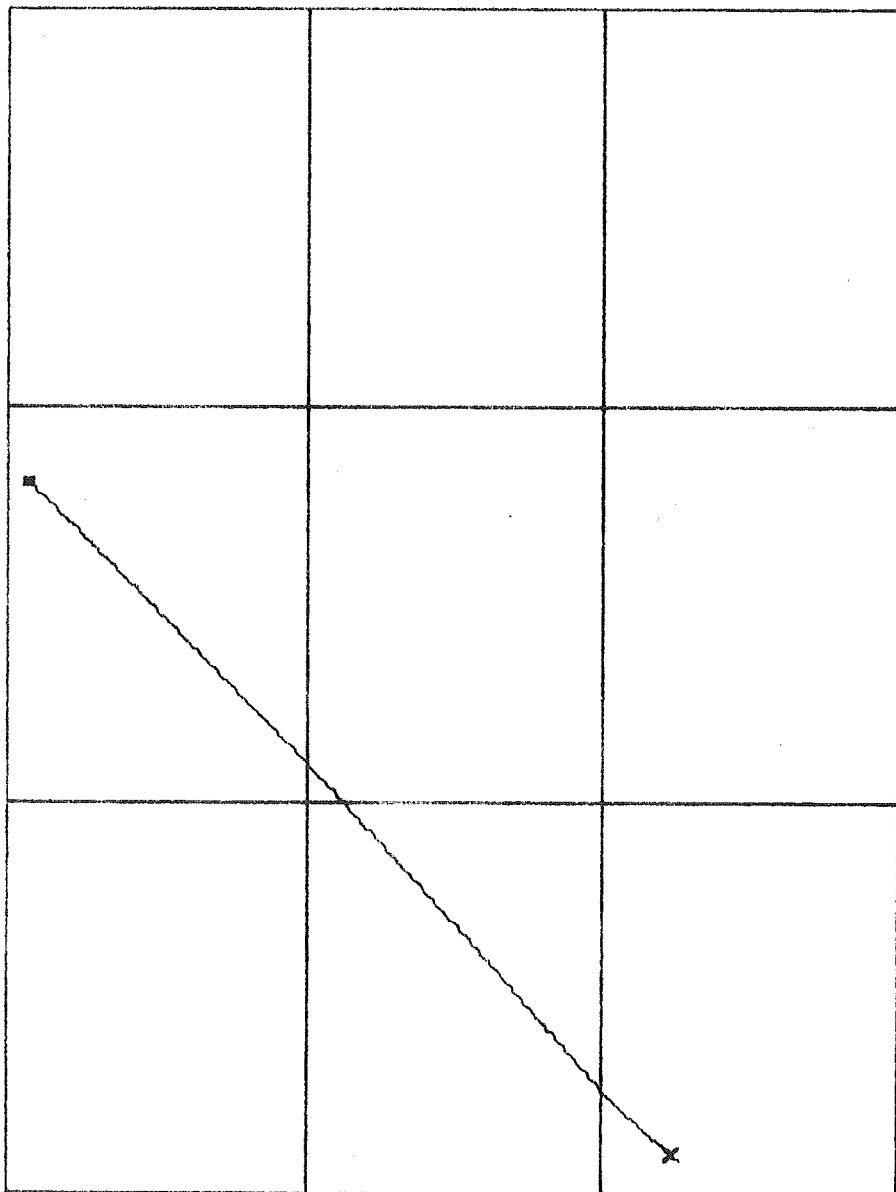
1/1000000 AT 46 N



120 1230 043.95N  
068.48W

120 0532 042.91N  
066.97W

1/1000000 AT 46 N



43.5 N

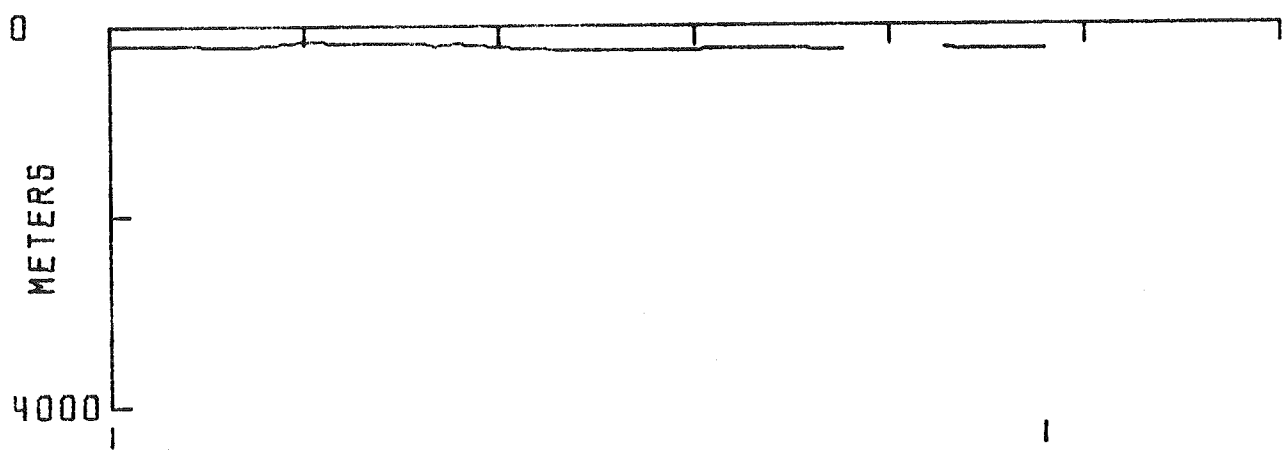
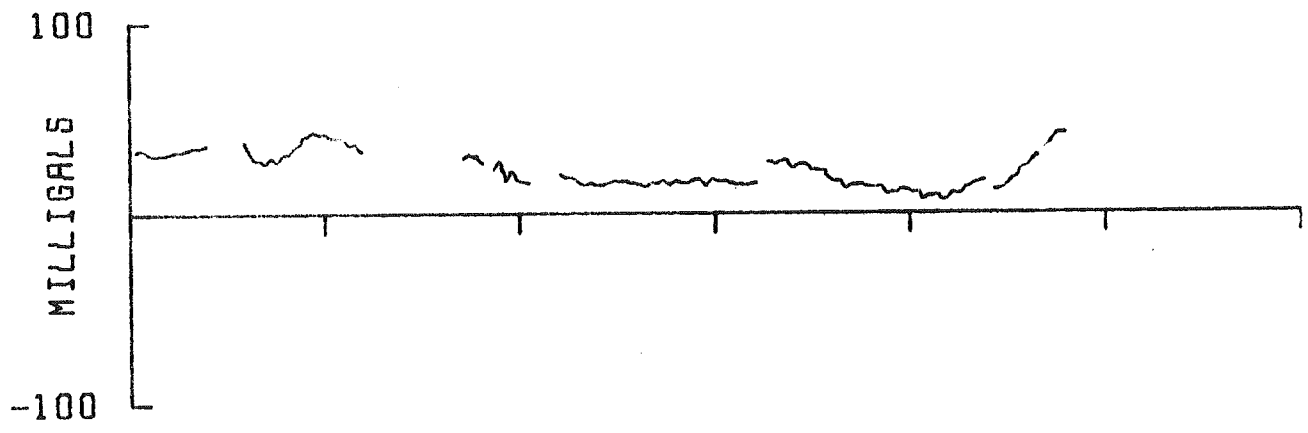
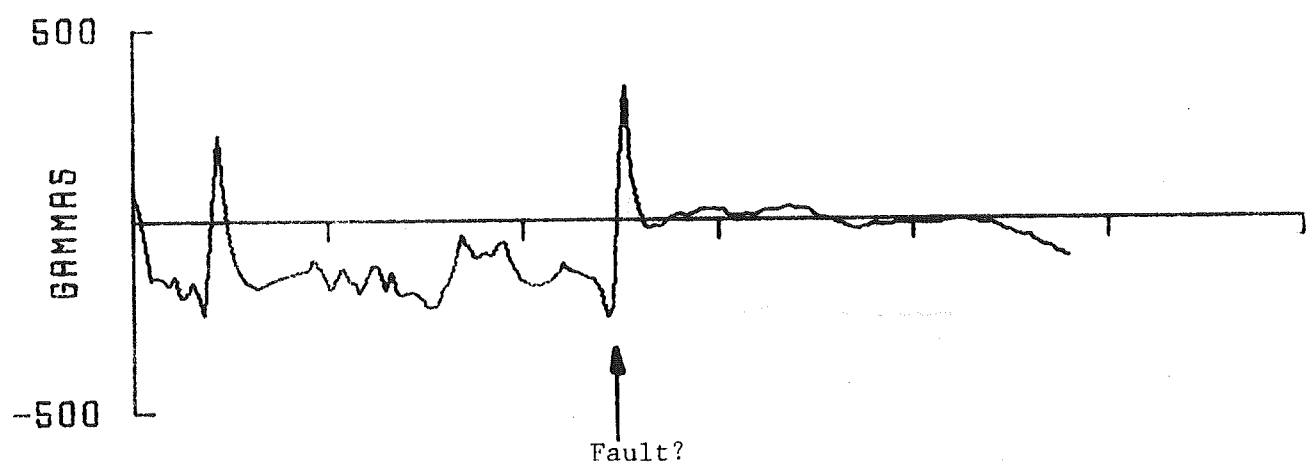


42.0 N

67.0 W

66.5 W

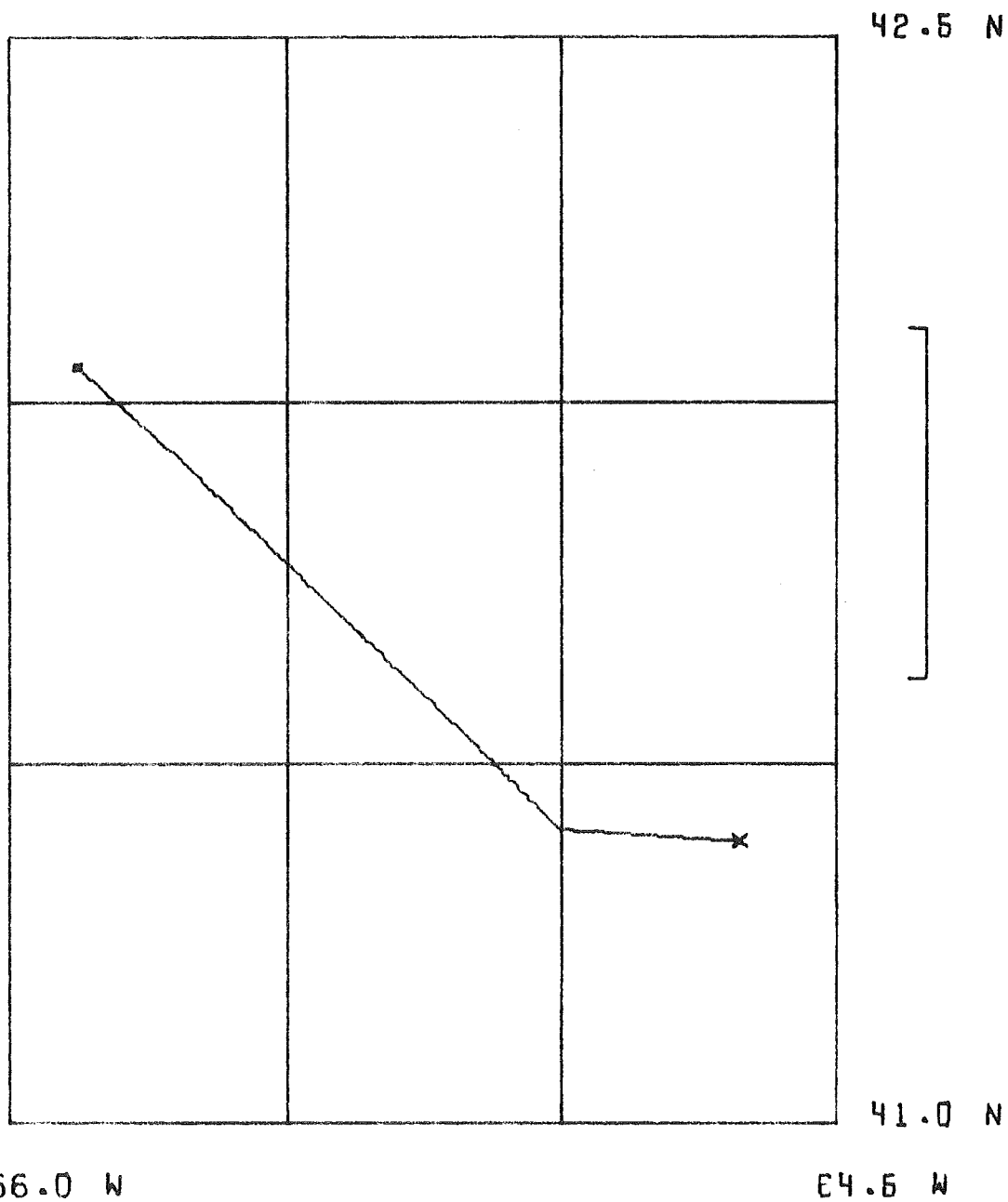
# 1/1000000 AT 46 N



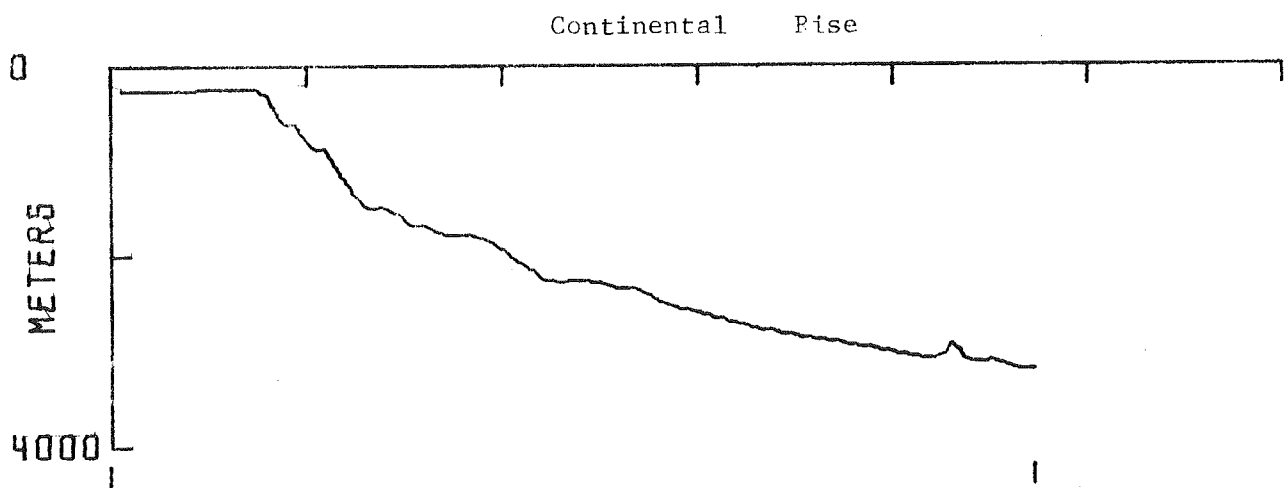
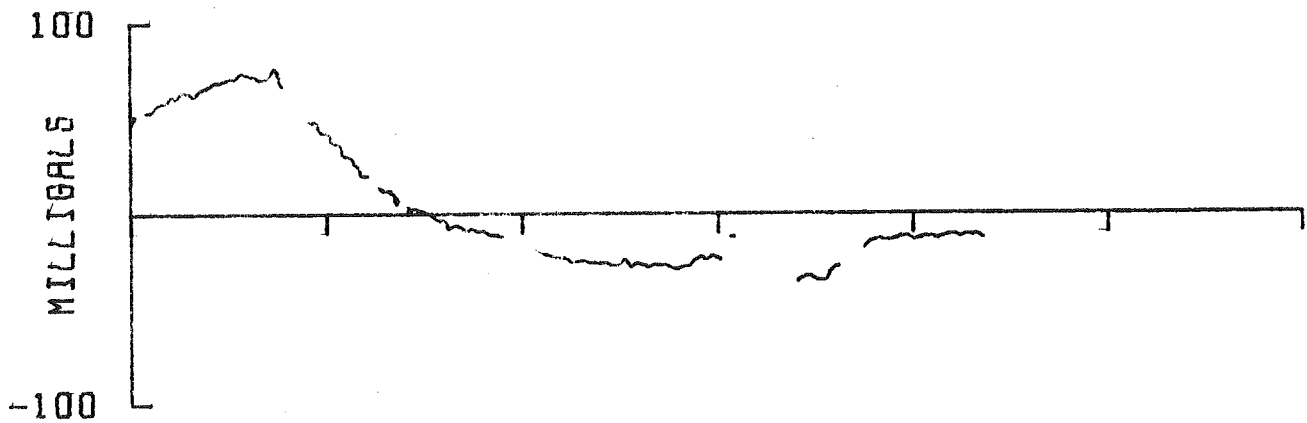
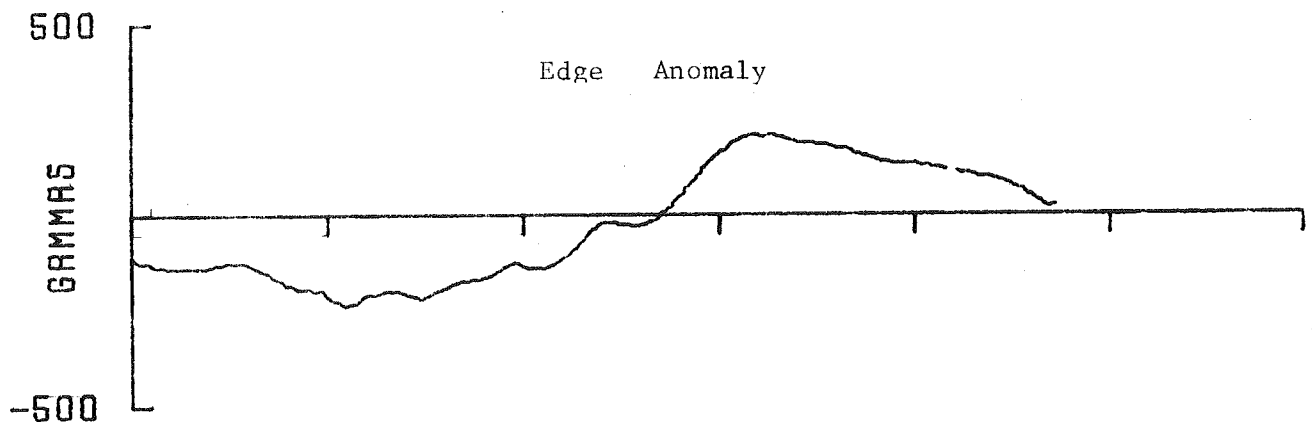
120 0530 042.91 N  
066.96 W

120 0000 042.06 N  
065.89 W

1/1000000 AT 46 N



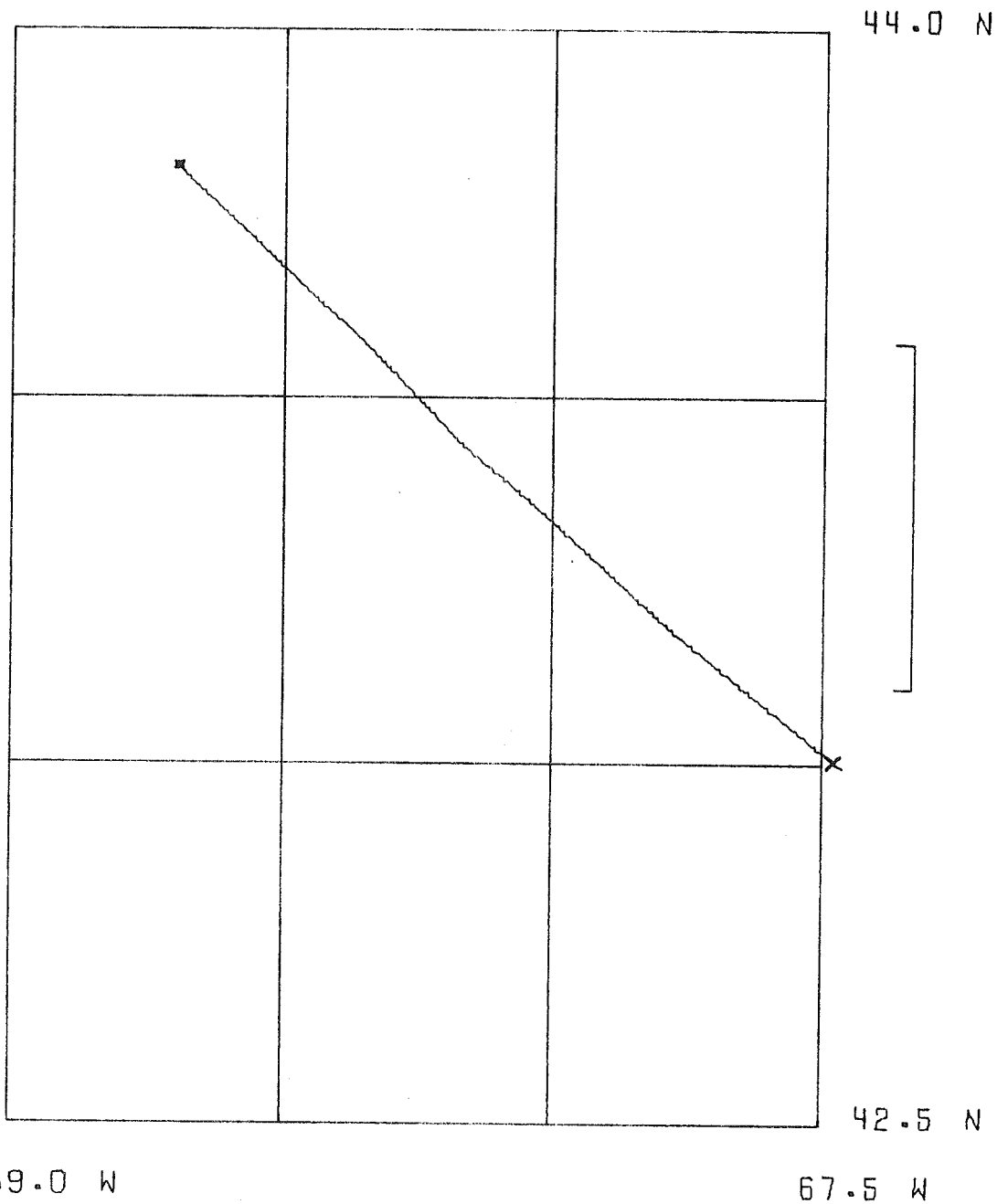
# 1/1000000 AT 46 N



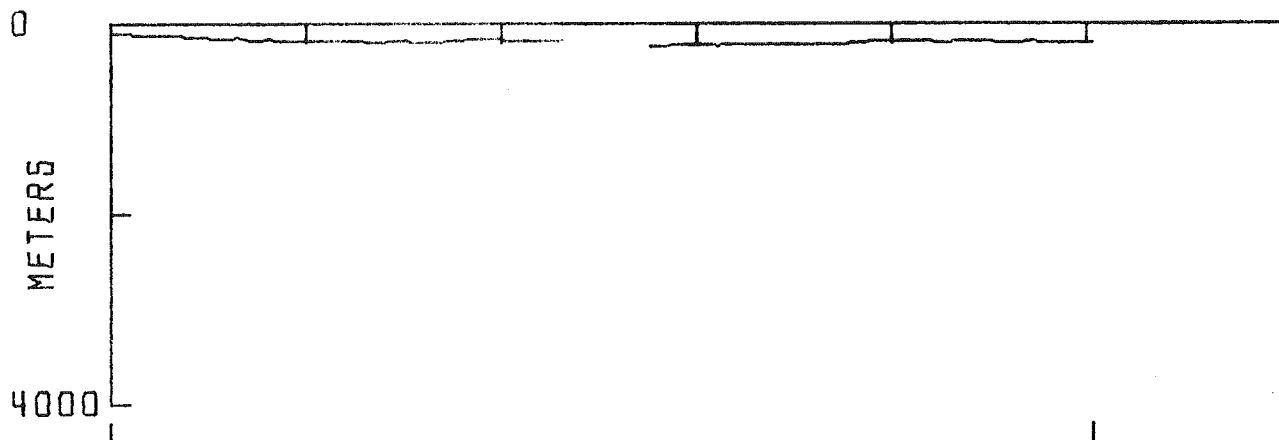
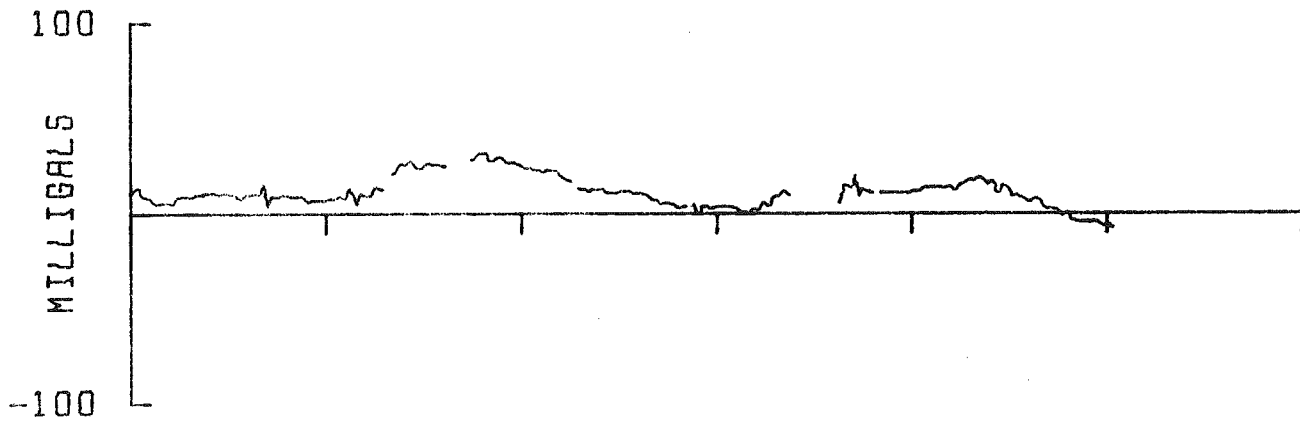
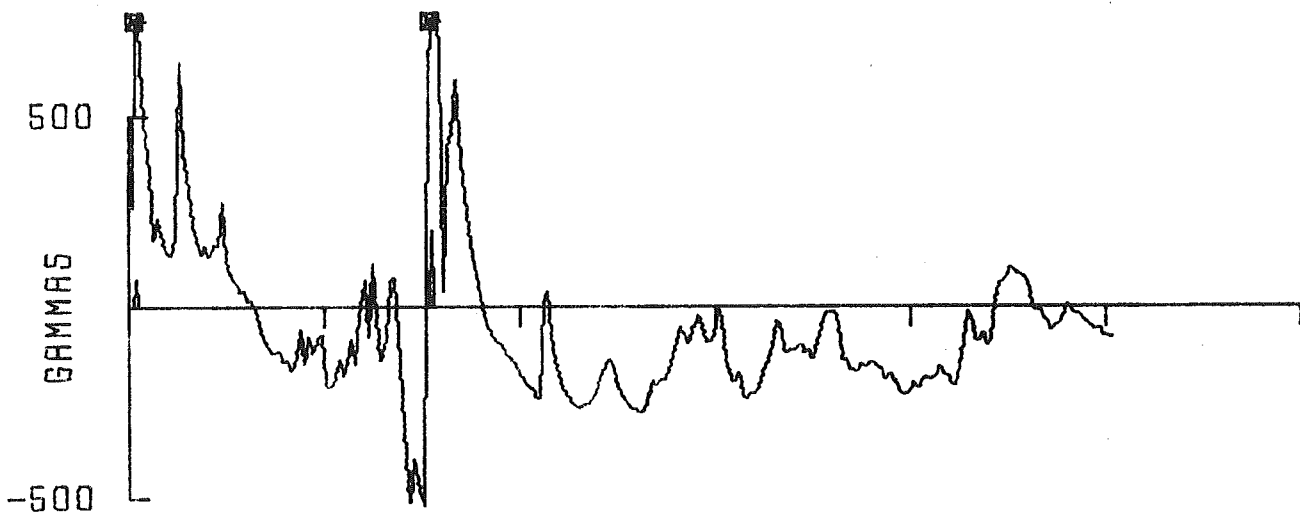
119 2358 042.05N  
065.88W

119 1832 041.39N  
064.68W

1/1000000 AT 46 N



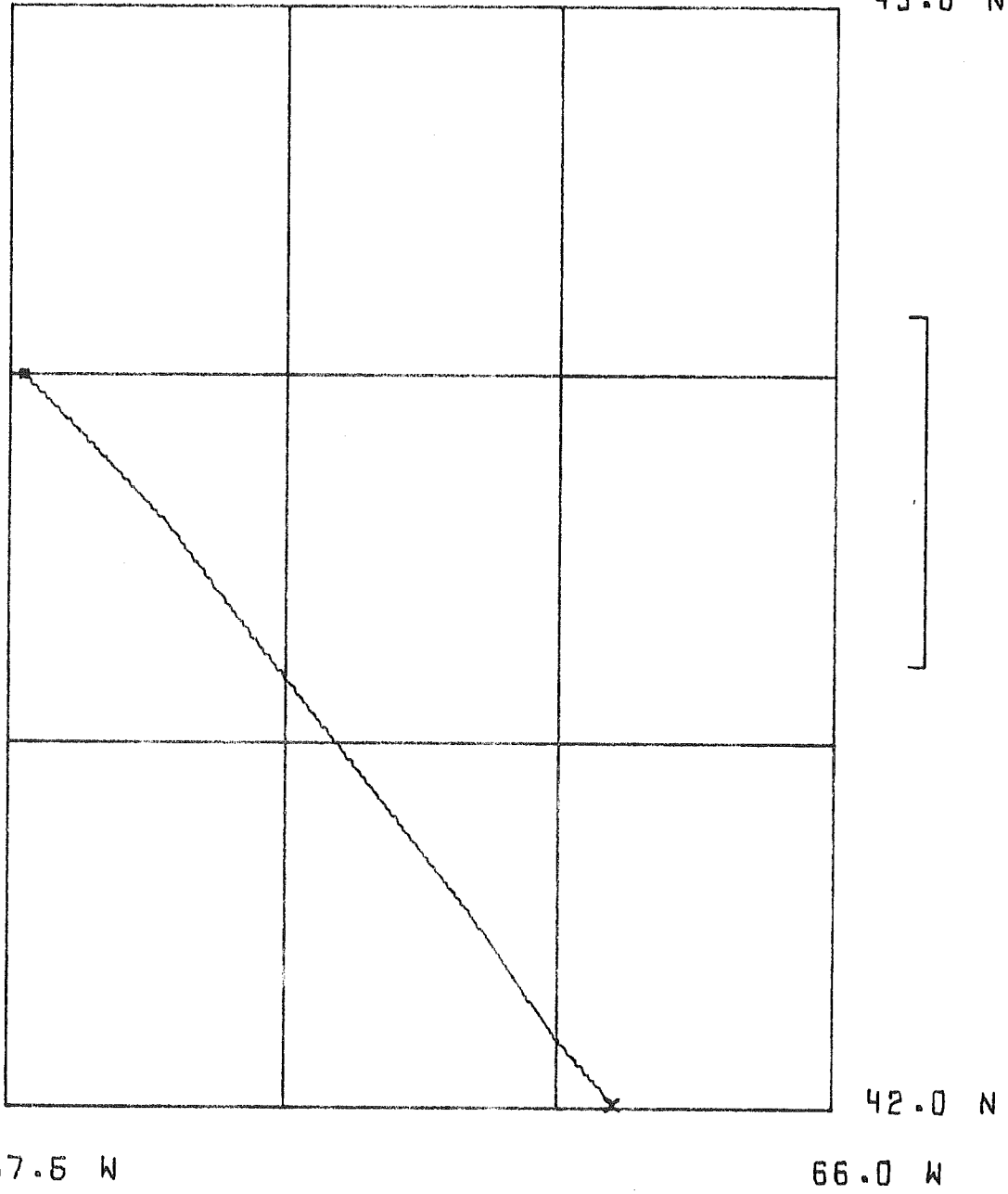
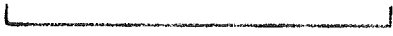
1/1000000 AT 46 N



115 1400 043.81N  
068.70W

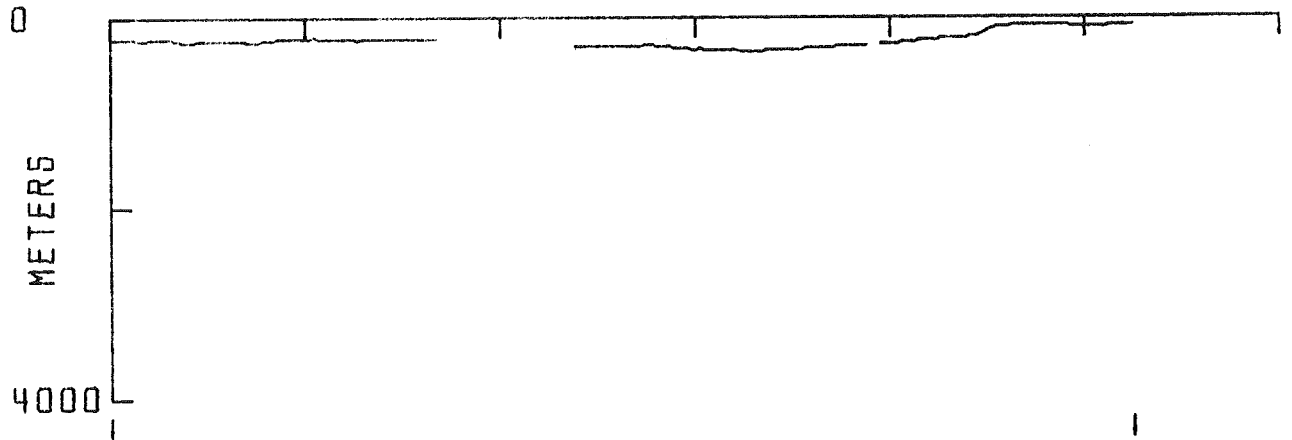
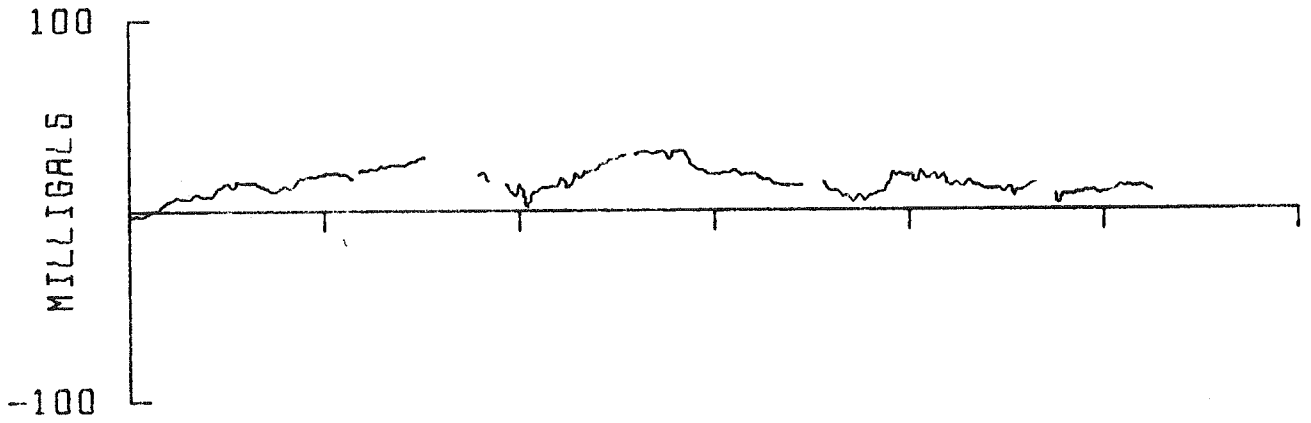
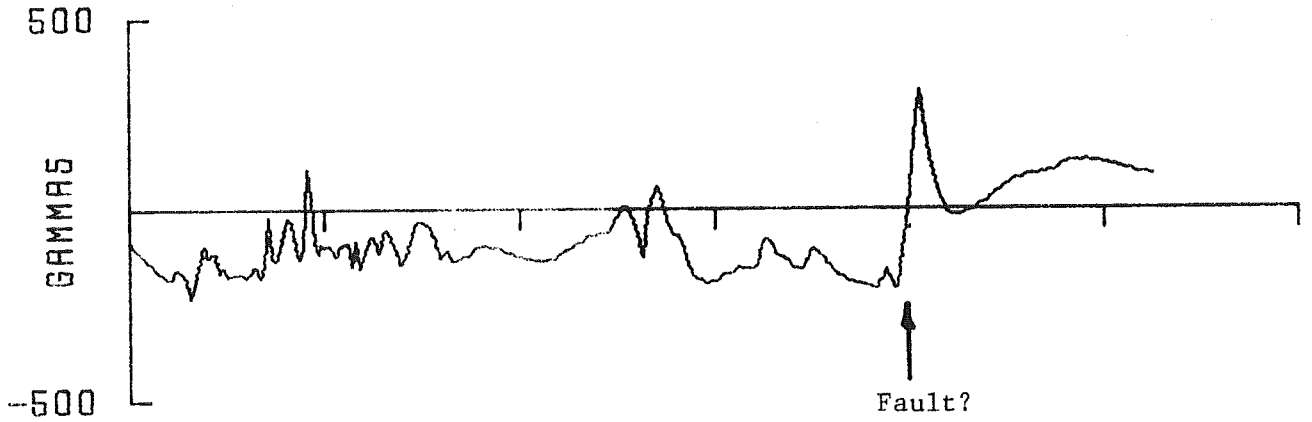
115 0602 043.00N  
067.48W

1/1000000 AT 46 N





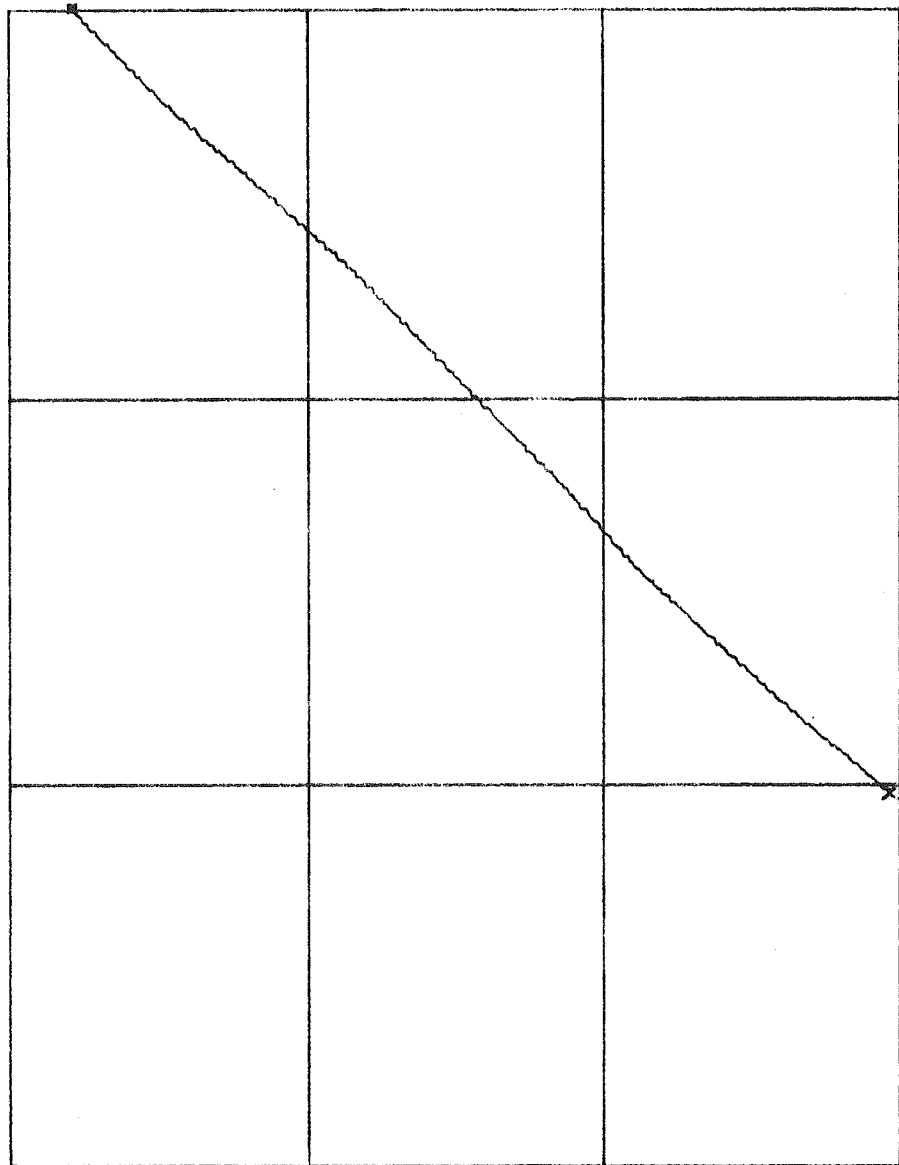
1/1000000 AT 46 N



115 0600 043.00N  
067.47W

114 2142 042.01N  
066.40W

1/1000000 AT 46 N



42.0 N

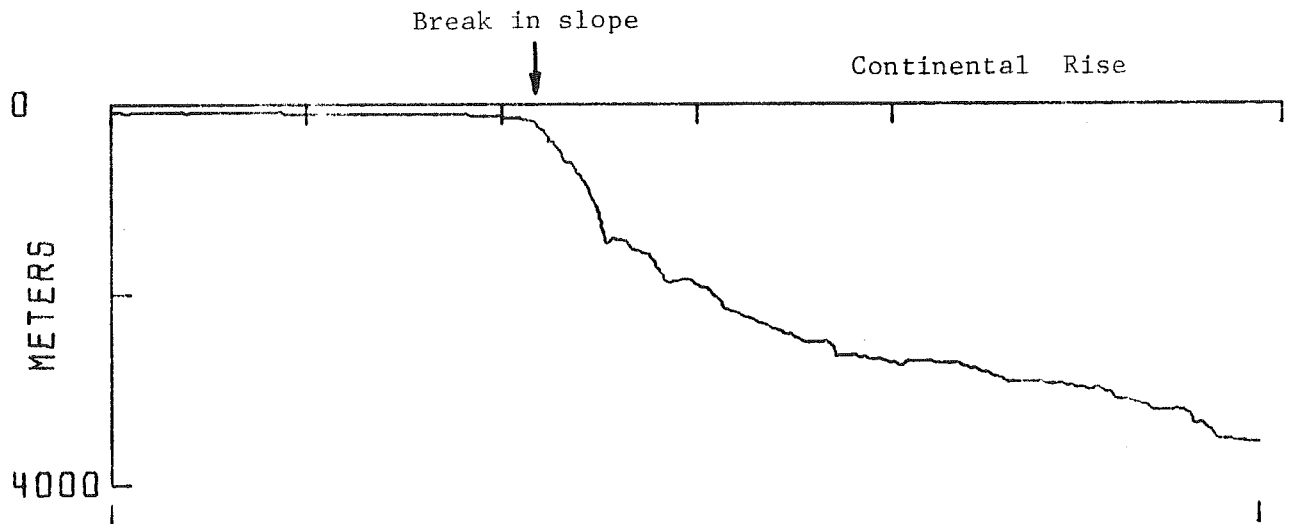
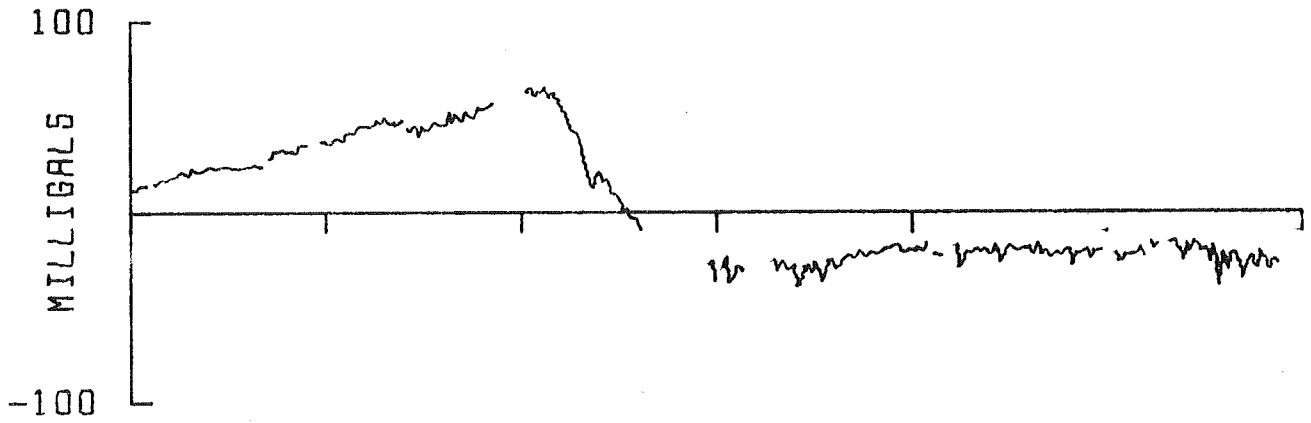
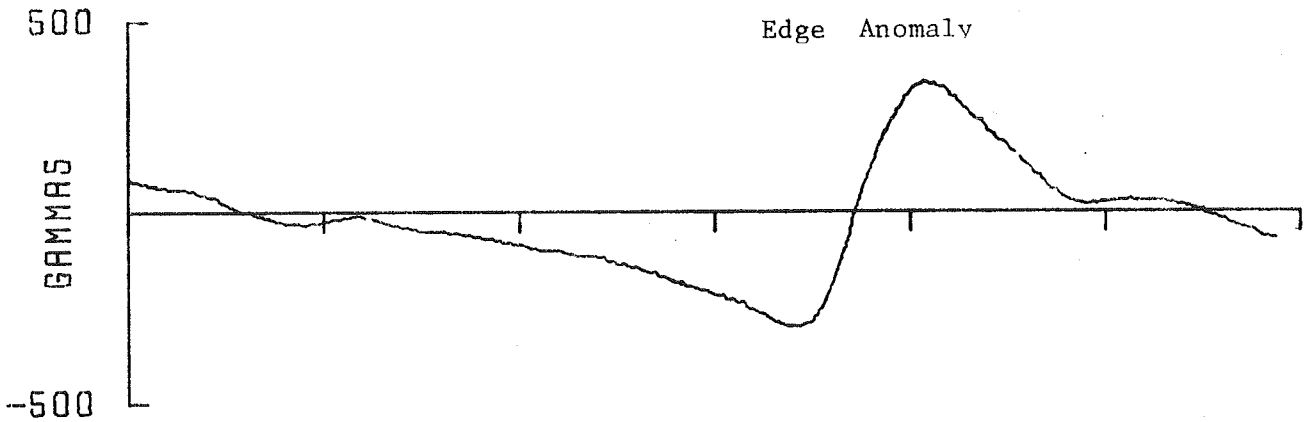


40.5 N

66.5 W

65.0 W

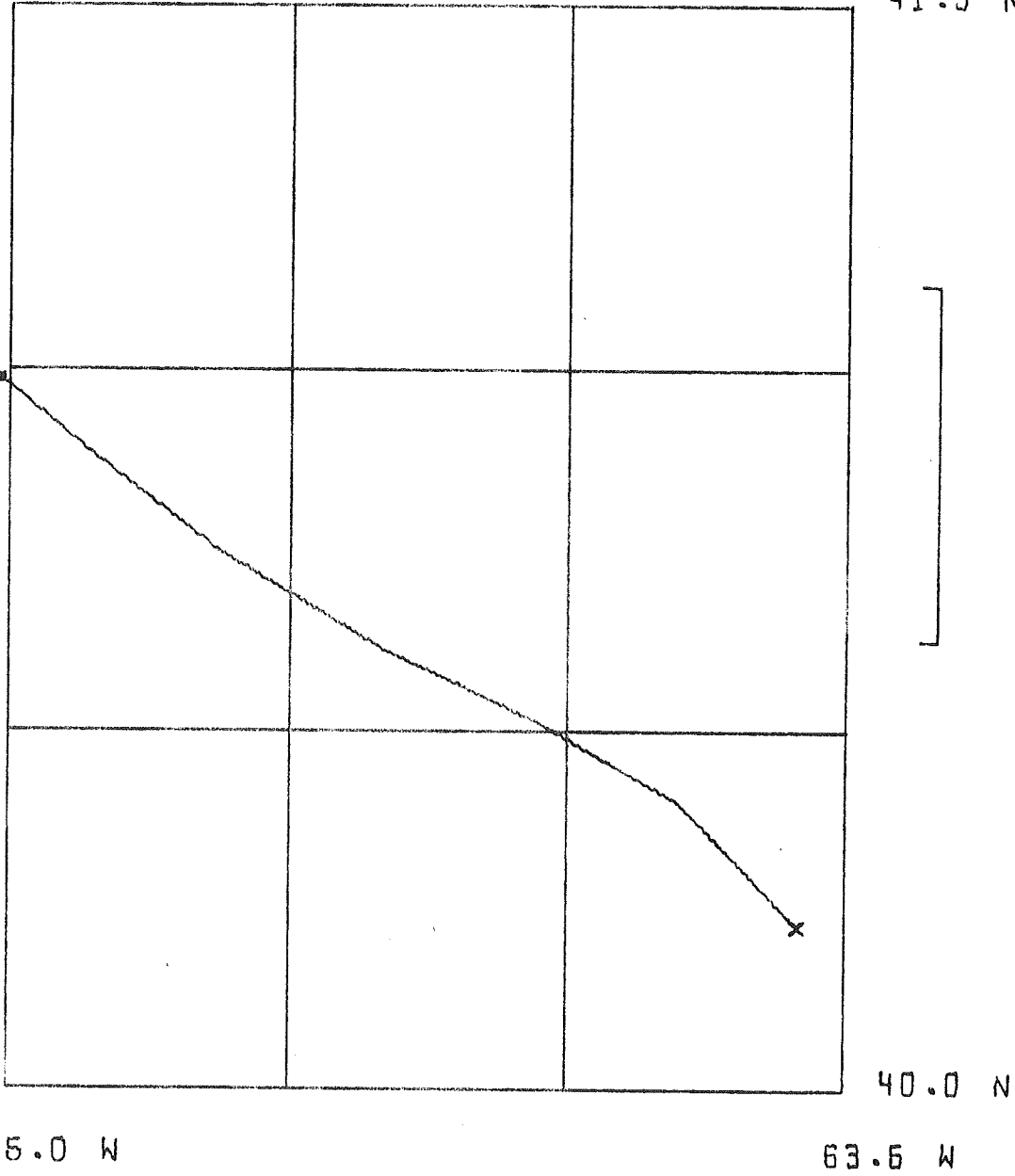
1/1000000 AT 46 N



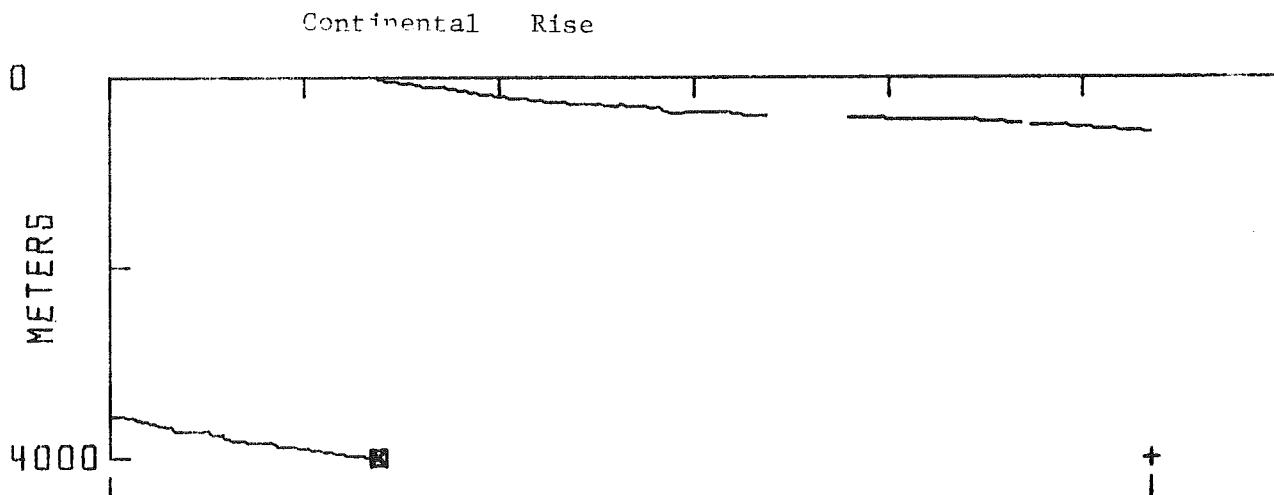
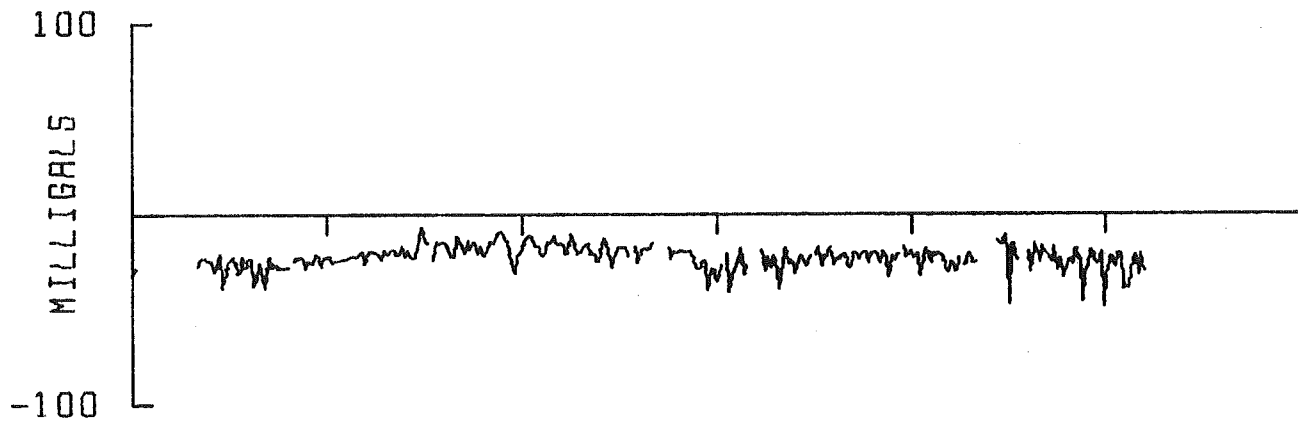
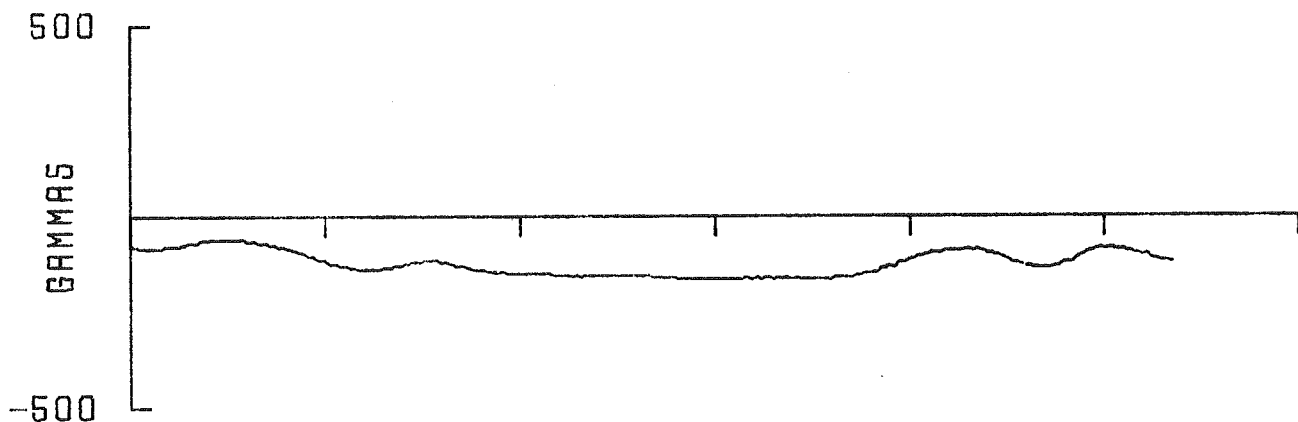
114 2140 042.00N  
066.99W

114 1032 040.99N  
065.02W

1/1000000 AT 46 N



# 1/1000000 AT 46 N



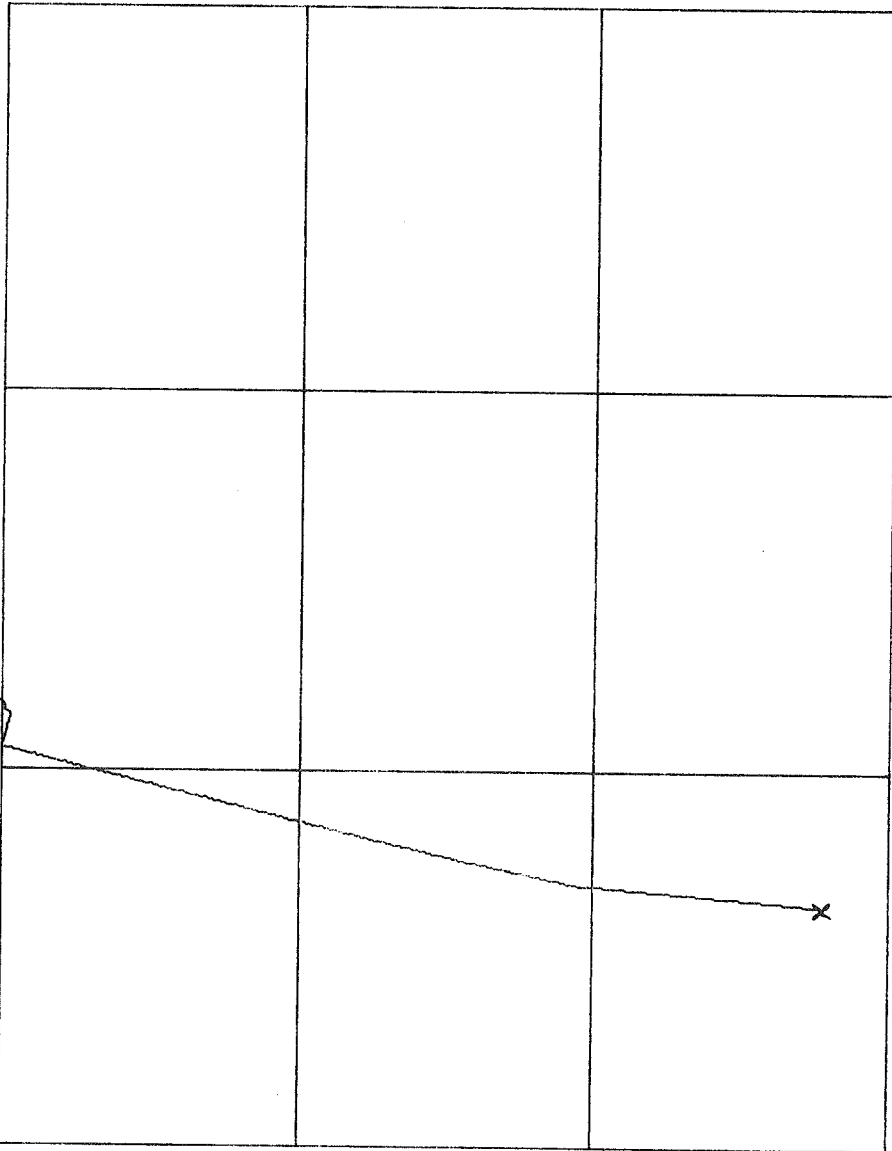
114 1030 040.99N  
065.01W

113 2200 040.23N  
063.59W

1/1000000 AT 46 N



41.0 N

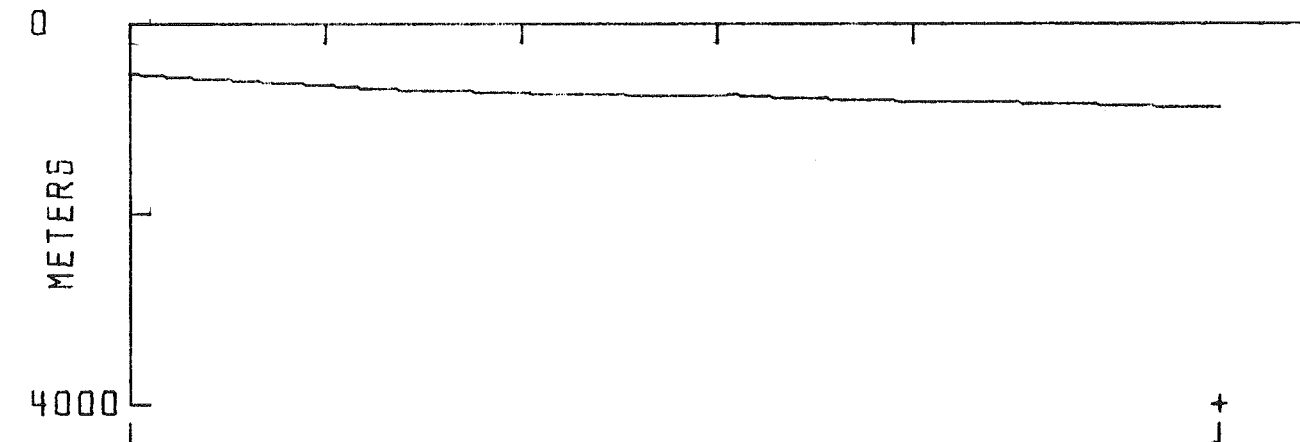
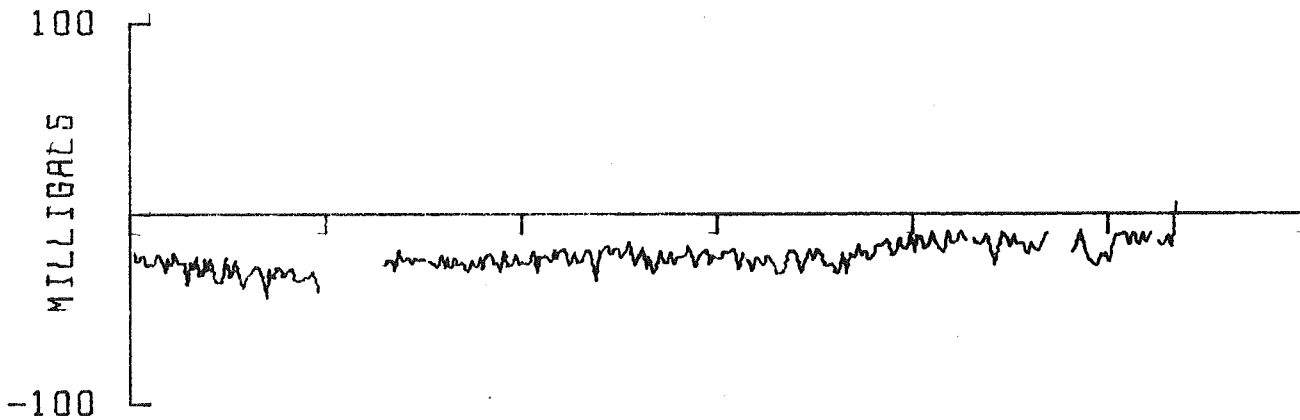
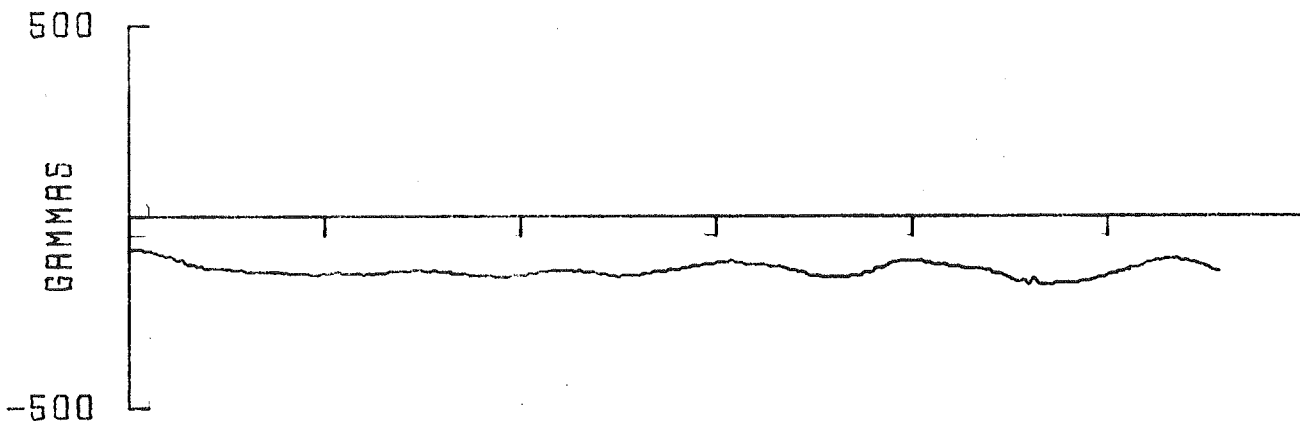


39.5 N

63.5 W

62.0 W

1/1000000 AT 46 N



119 1830 040.29N  
063.70W

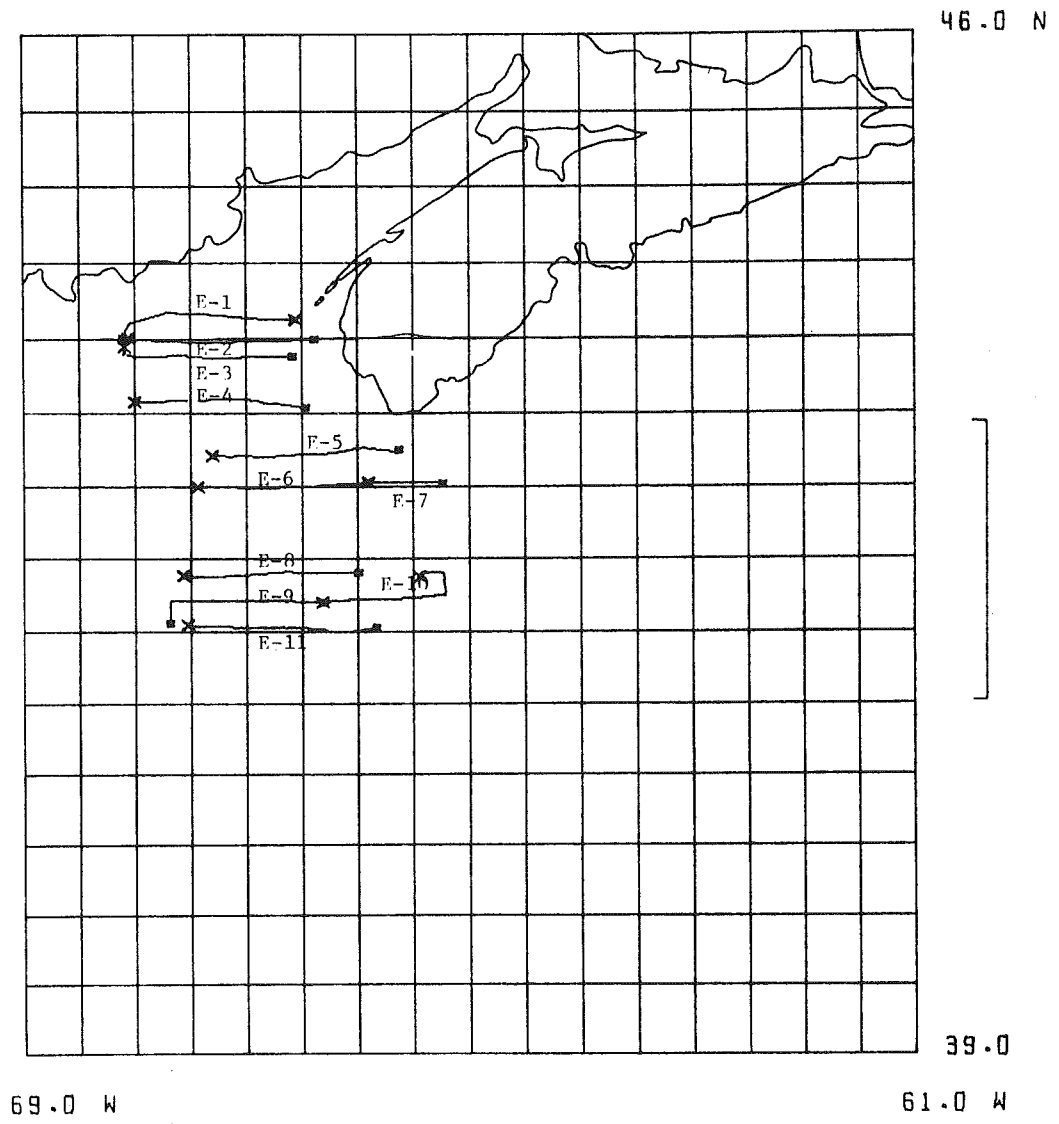
113 0800 039.82N  
062.11W

APPENDIX E

E-W Geophysical Profiles in the Gulf of Maine

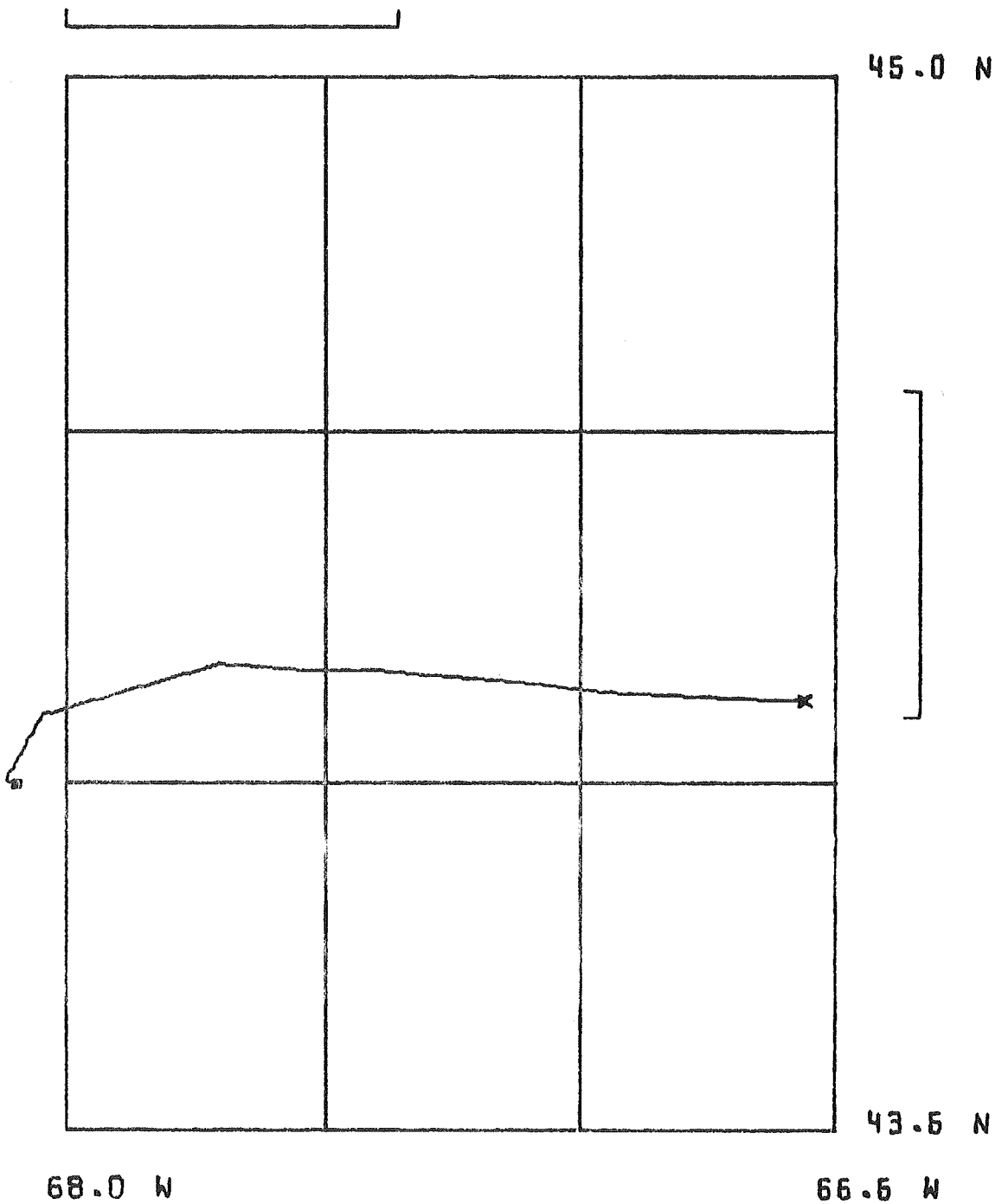


1/5,400,000 AT 46° N



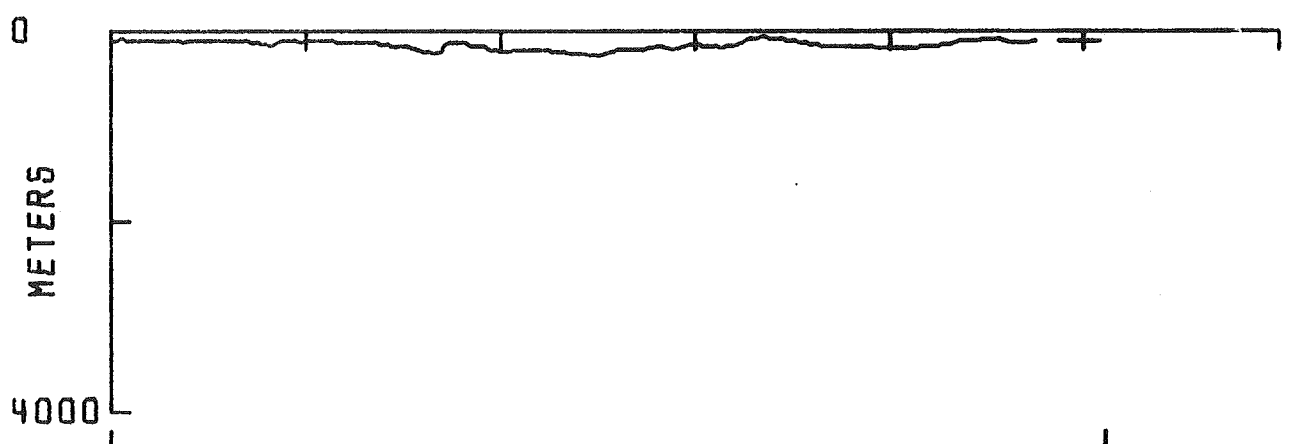
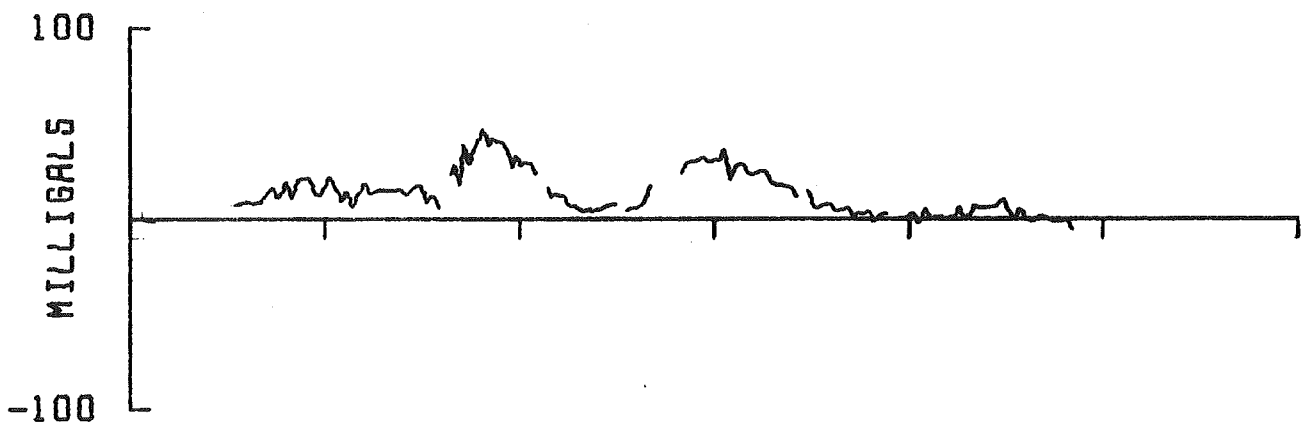
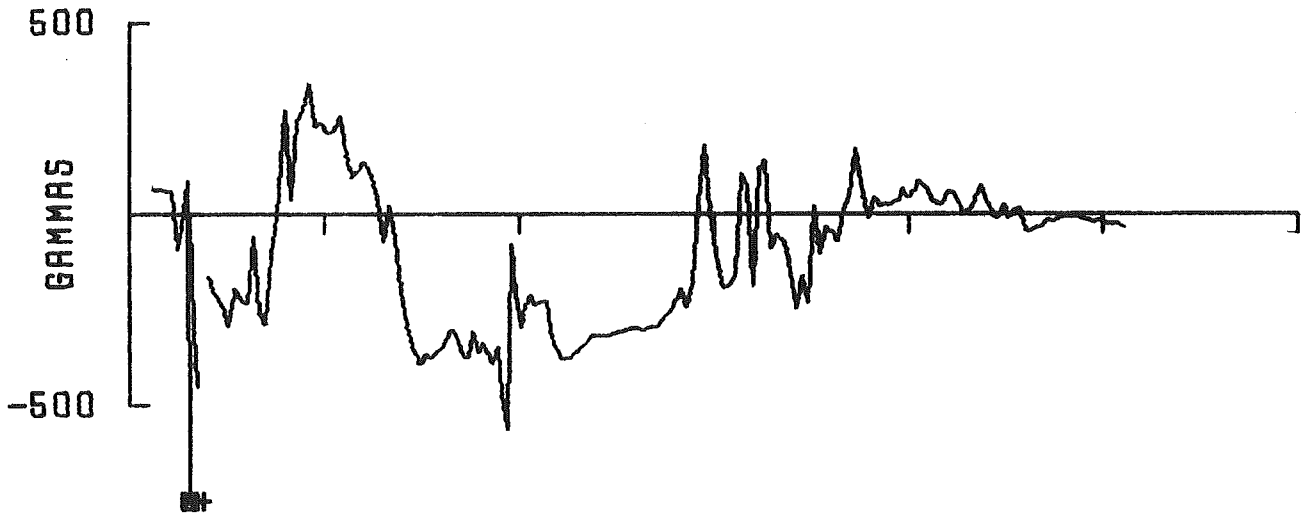
PROFILE LOCATION MAP

1/1000000 AT 46 N



1/1000000 AT 46 N

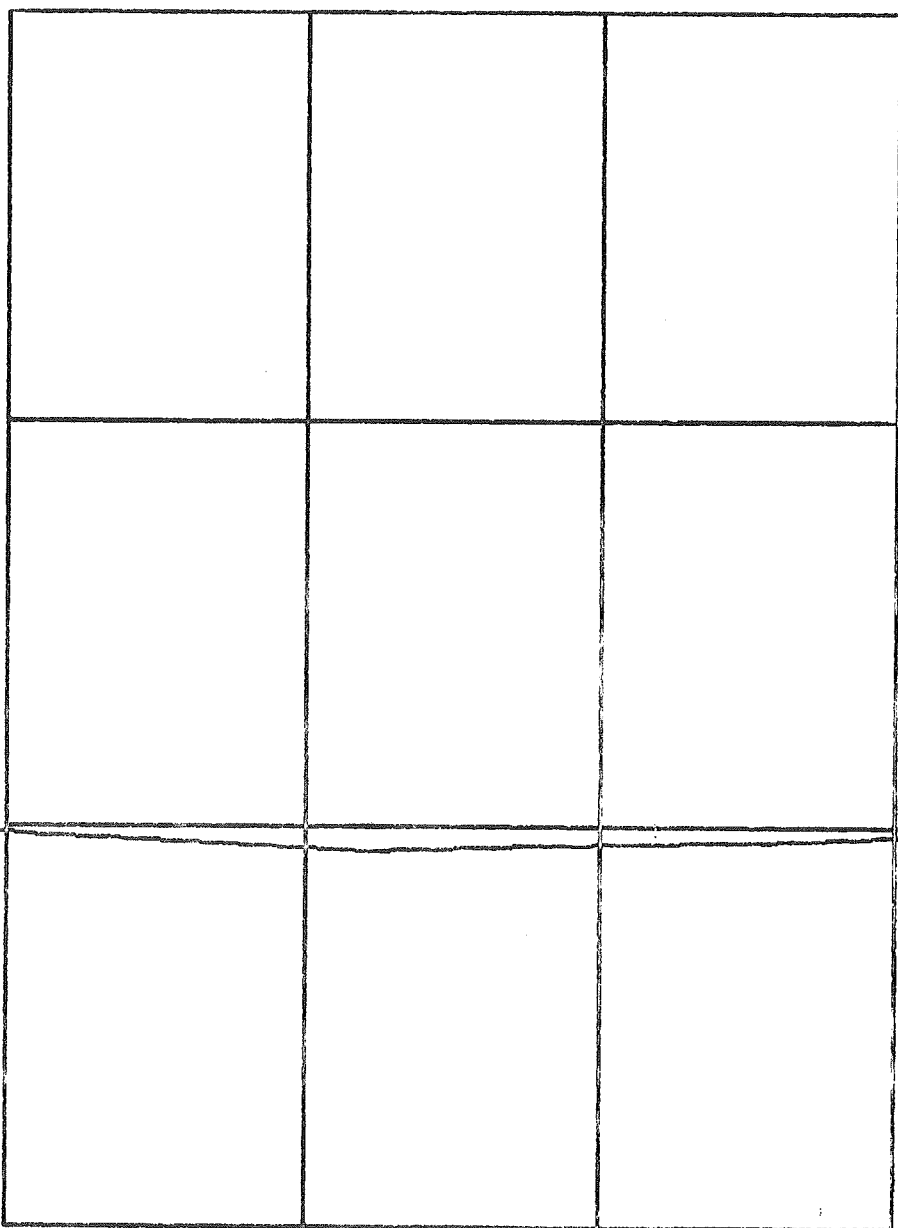
E-1



138 0530 044.00N  
068.10W

137 2338 044.12N  
066.56W

1/1000000 AT 46 N



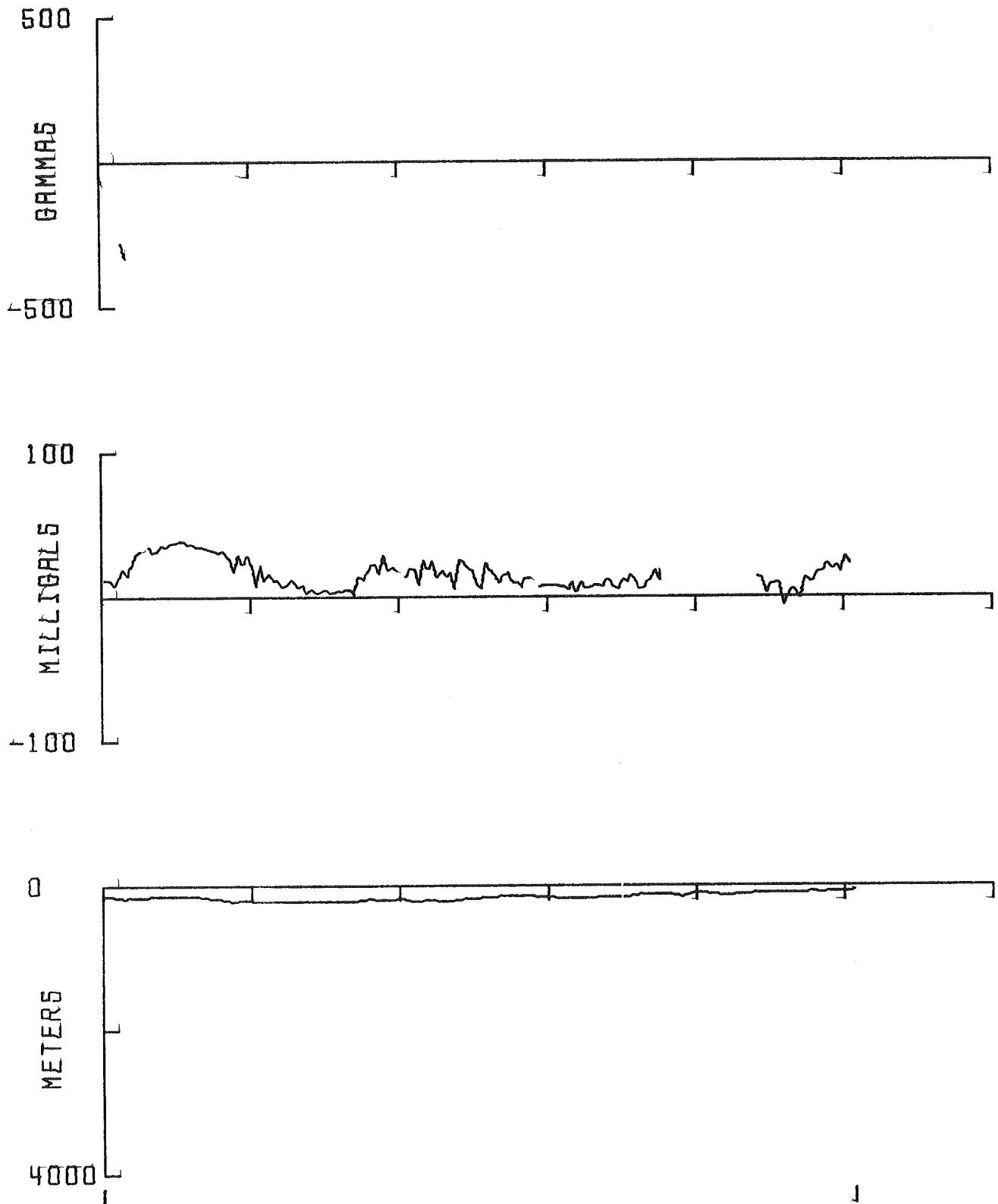
45.0 N

43.6 N

68.0 W

66.6 W

1/1000000 AT 46 N



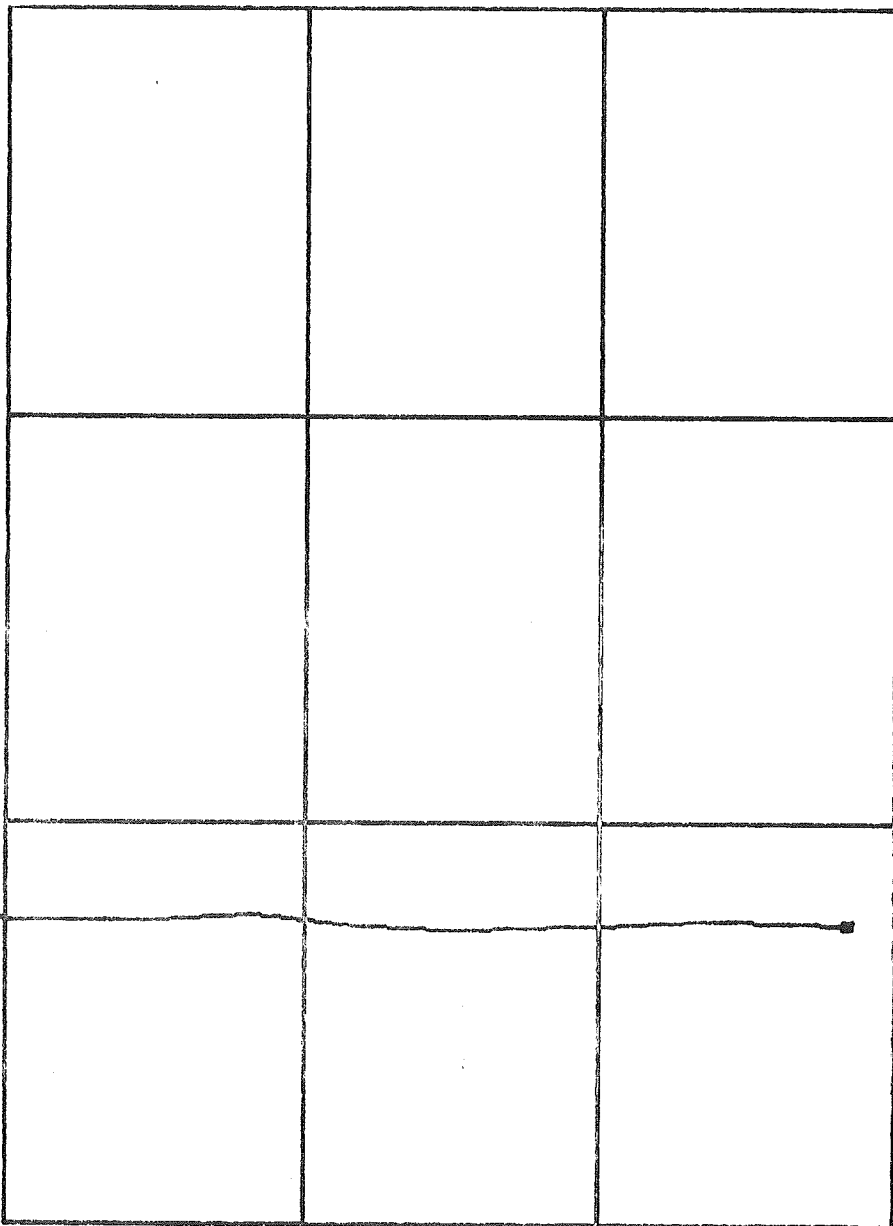
138 0540 044.00N  
068.05W

138 1130 043.99N  
066.39W

1/1000000 AT 46 N



45.0 N

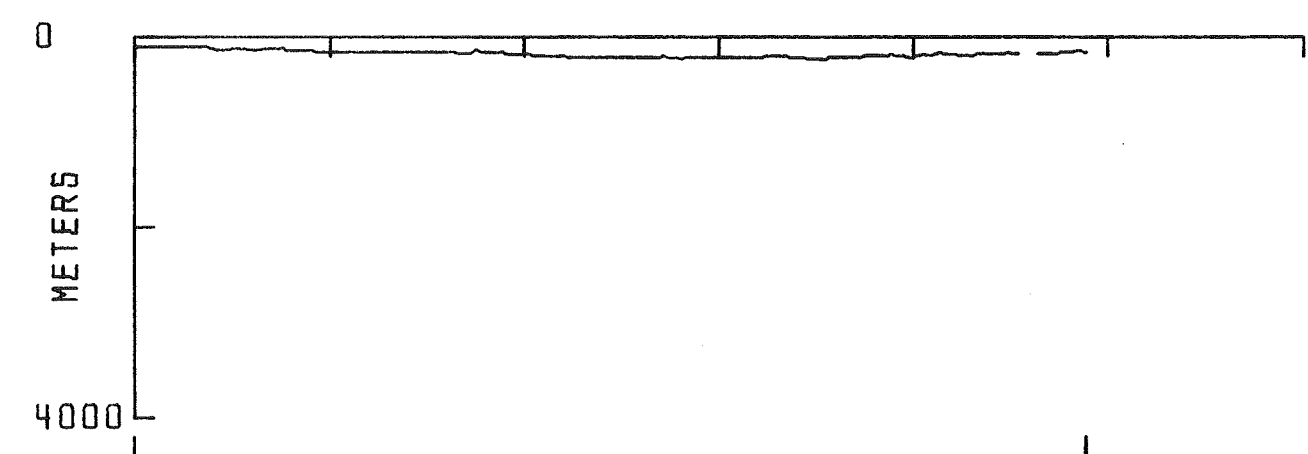
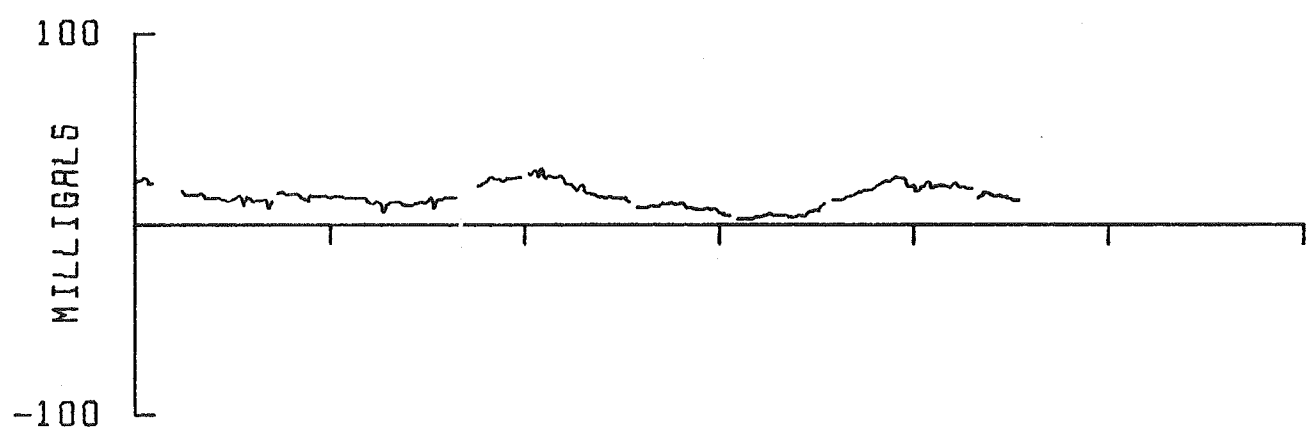
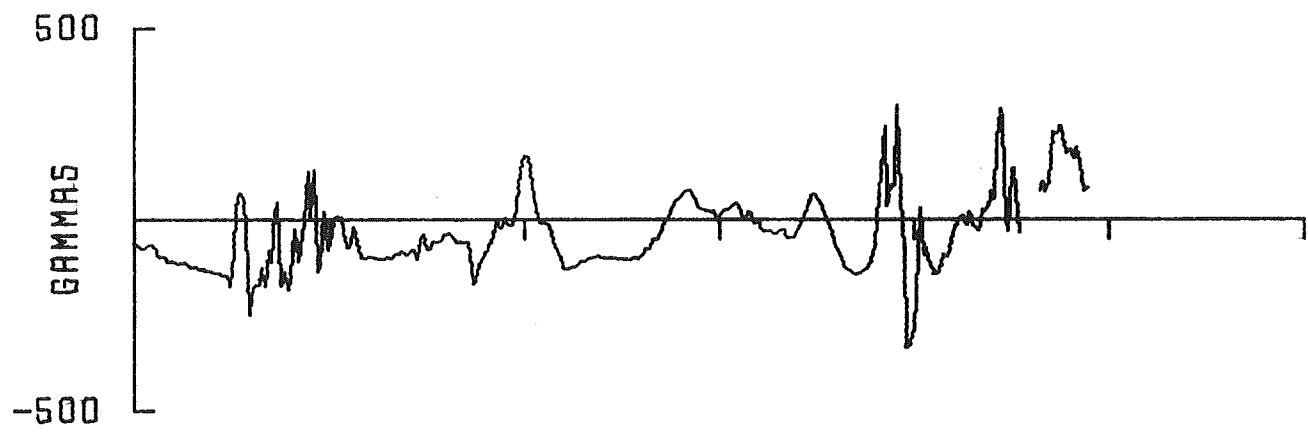


43.5 N

68.0 W

66.5 W

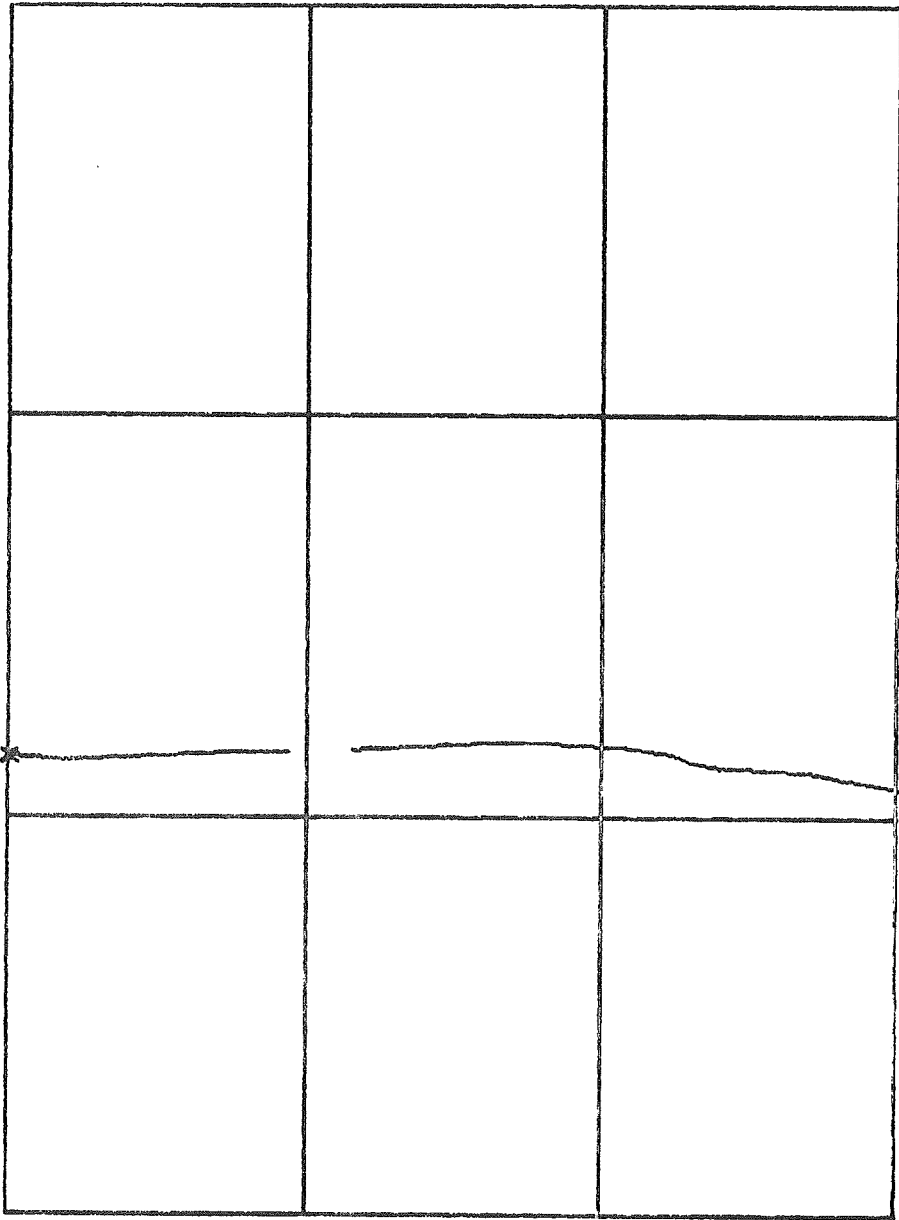
# 1/1000000 AT 46 N



142 1100 043.87N  
066.58W

142 0032 043.94N  
068.09W

1/1000000 AT 46 N



44.6 N



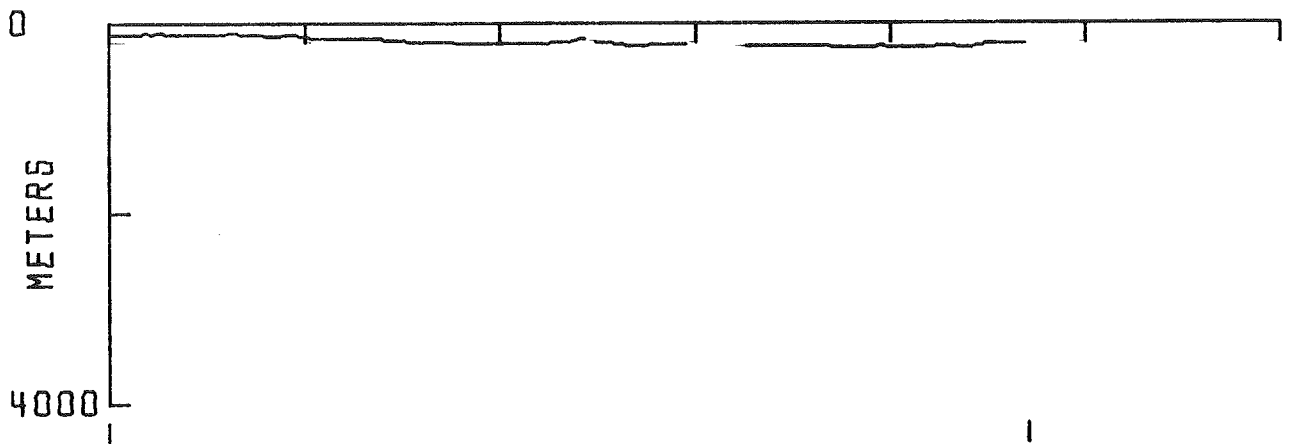
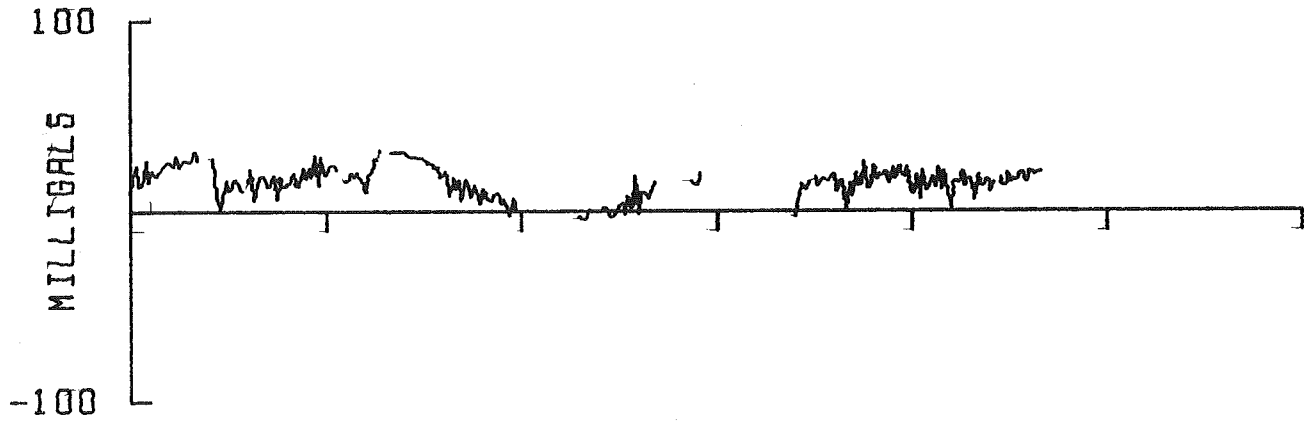
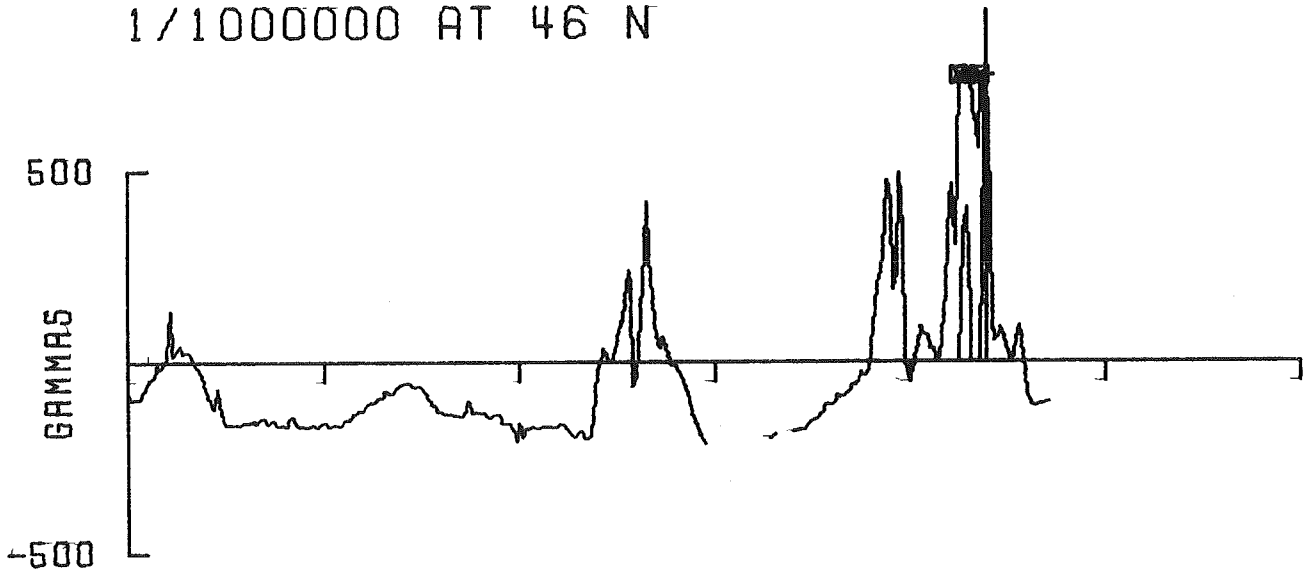
43.0 N

68.0 W

66.6 W



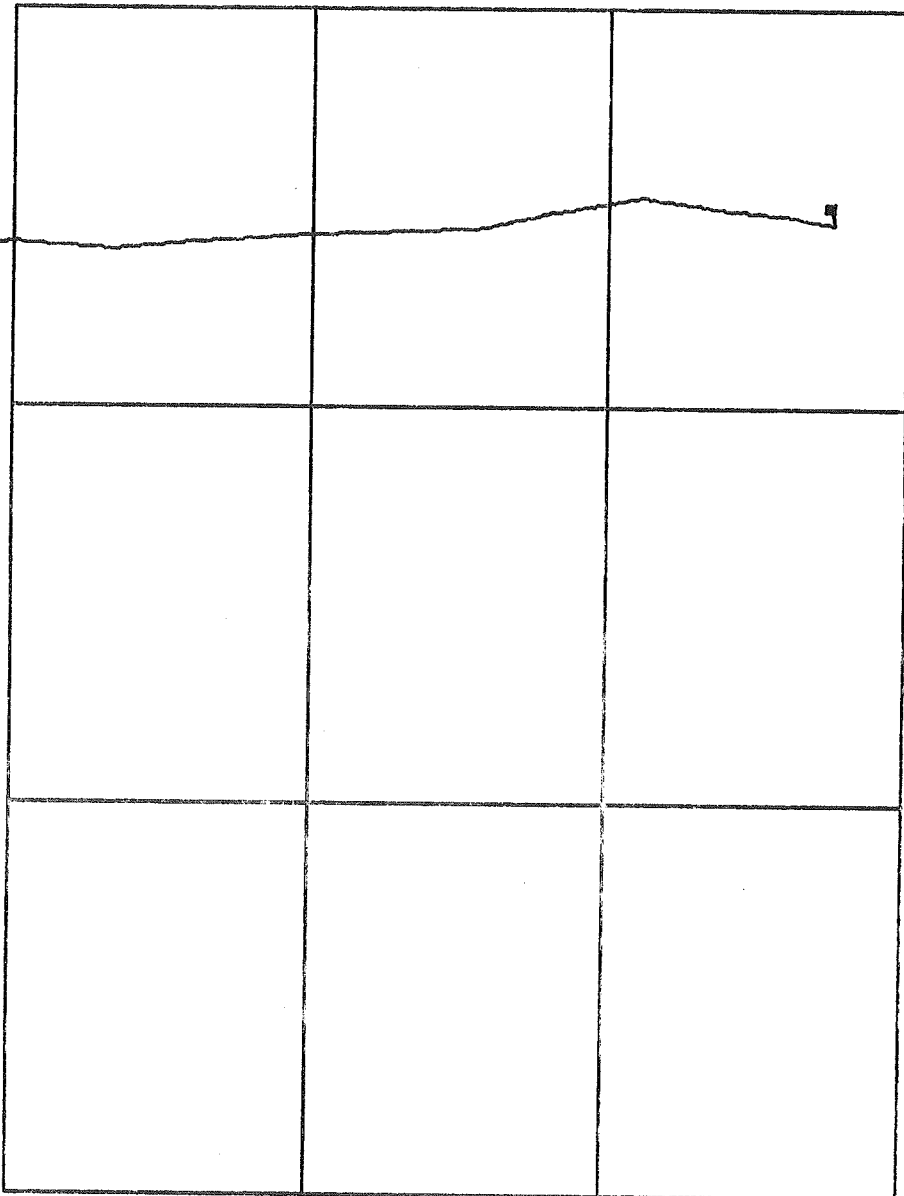
1/1000000 AT 46 N



144 0514 043.53N  
066.46W

143 1854 043.58N  
068.00W

1/1000000 AT 46 N



43.6 N

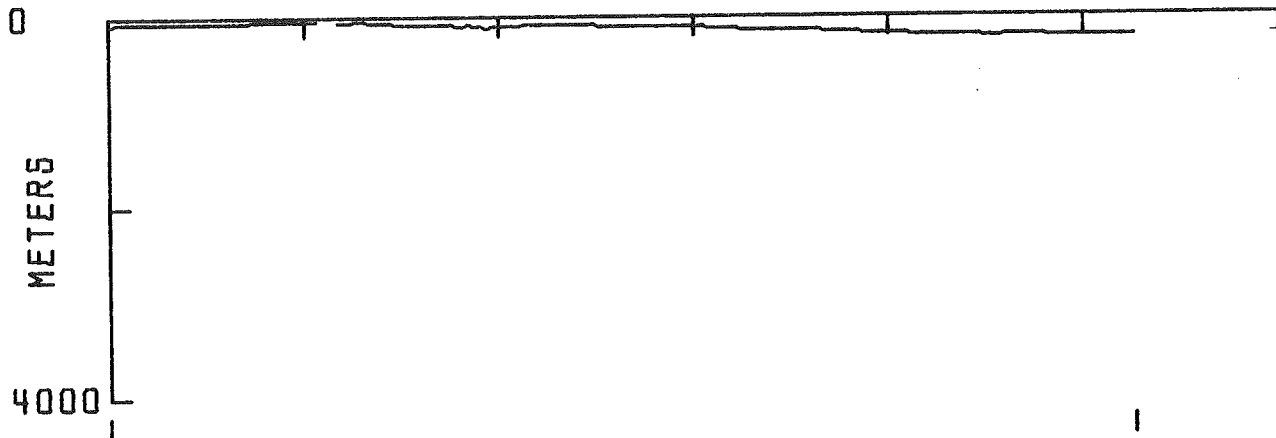
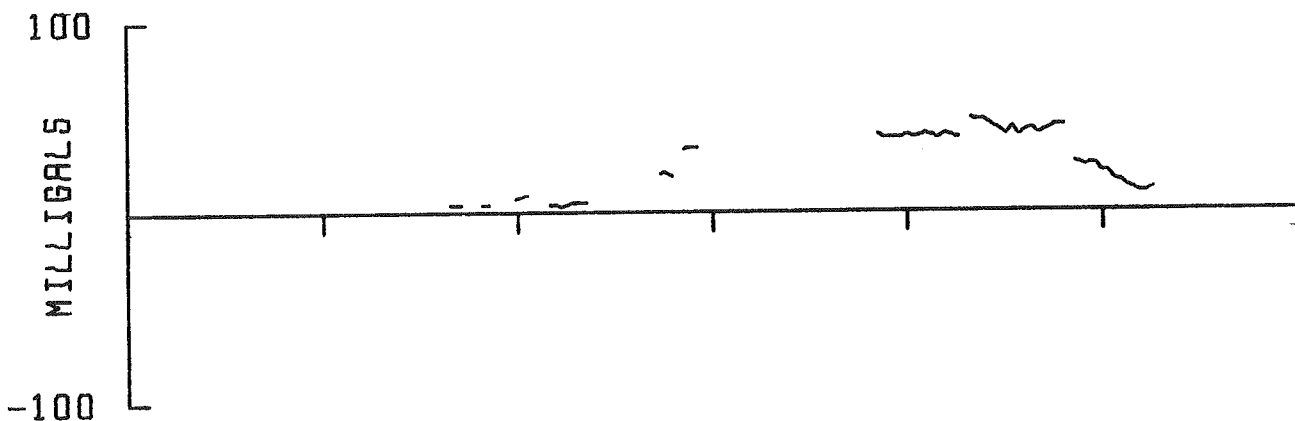
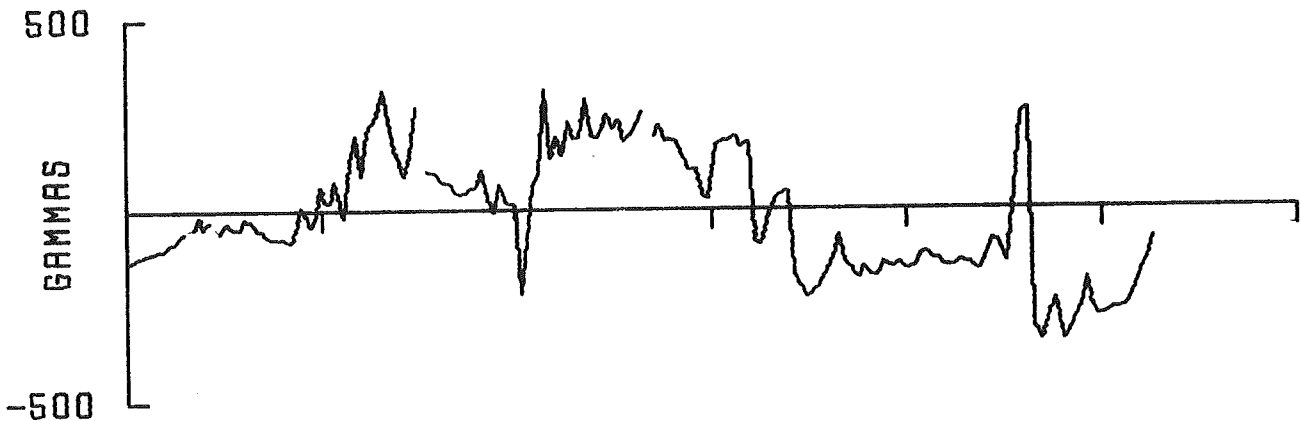


42.0 N

67.0 W

66.6 W

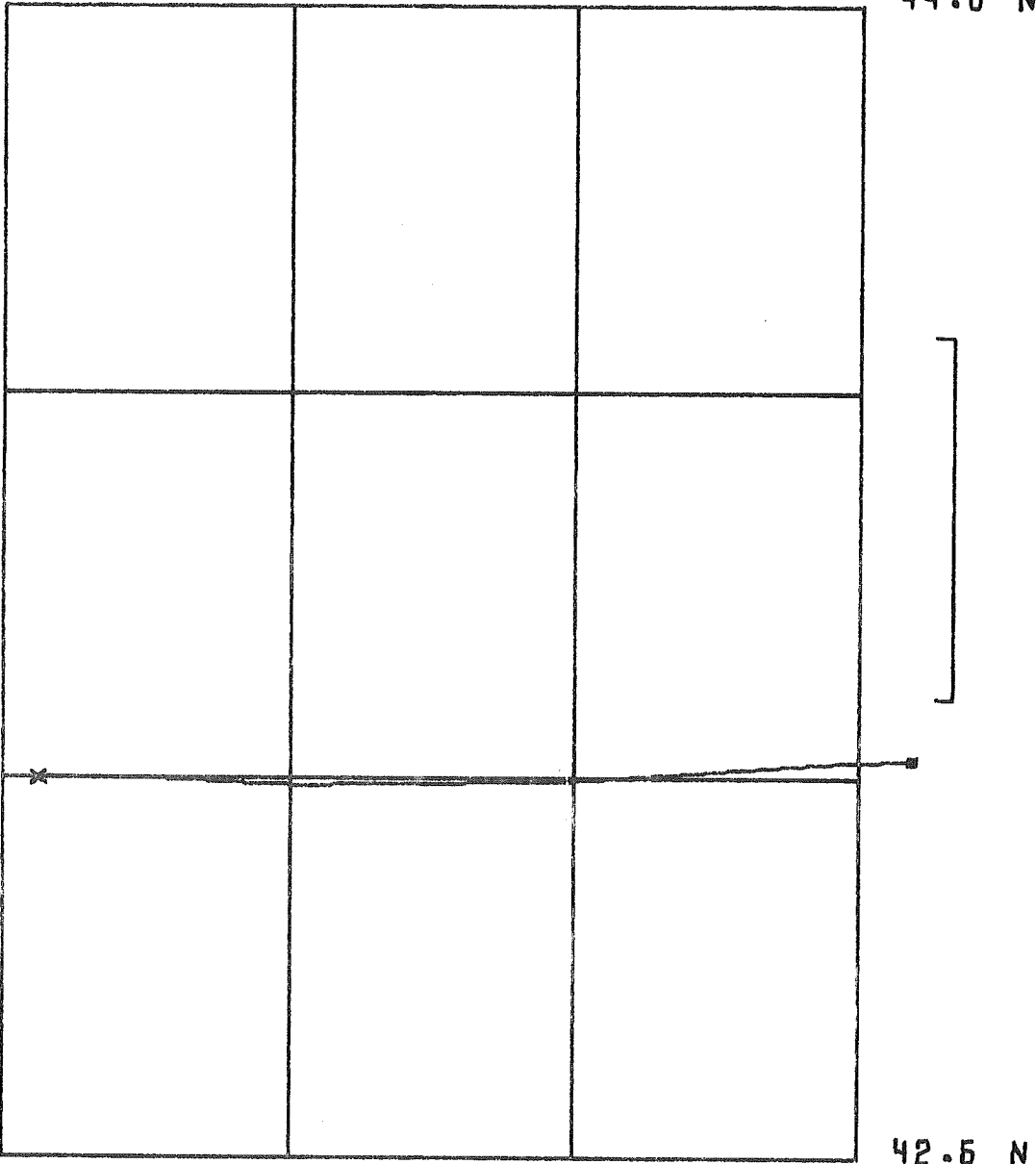
1/1000000 AT 46 N



117 0126 043.25N  
065.63W

116 1930 043.21N  
067.31W

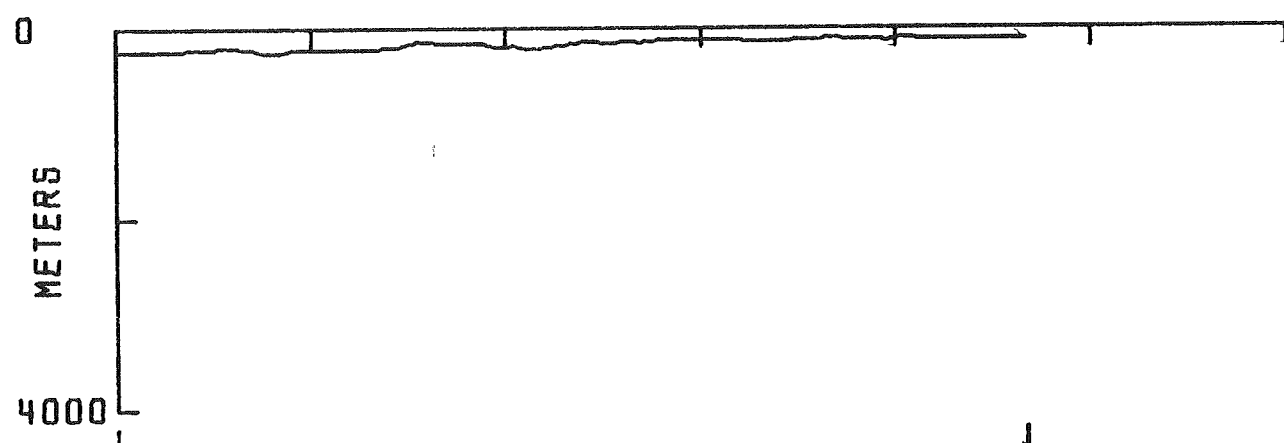
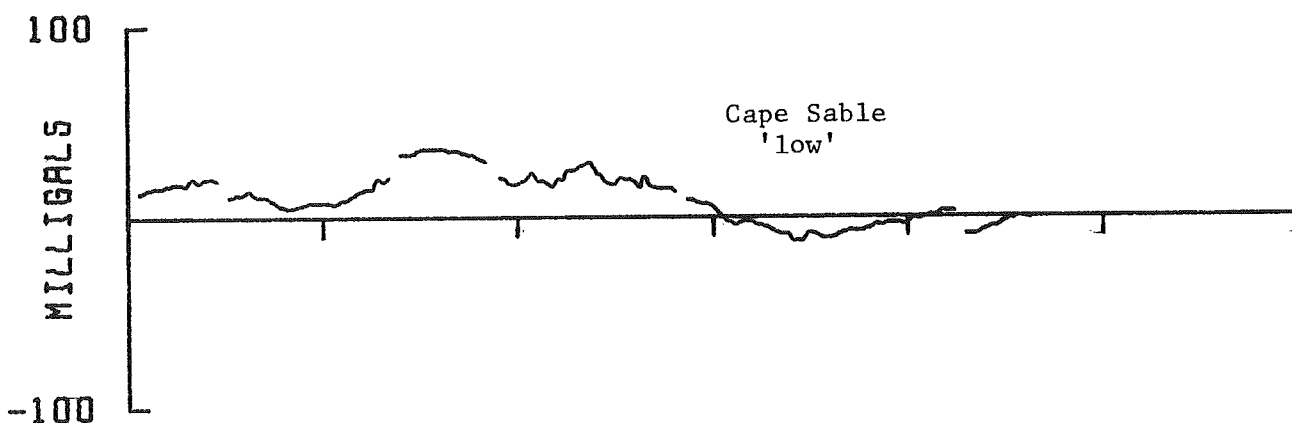
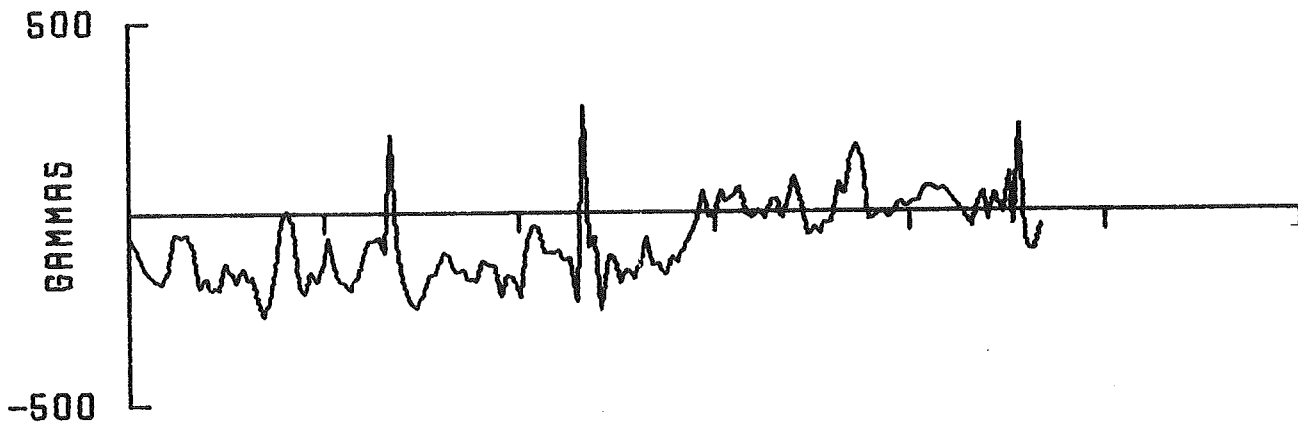
1/1000000 AT 46 N



67.5 W

66.0 W

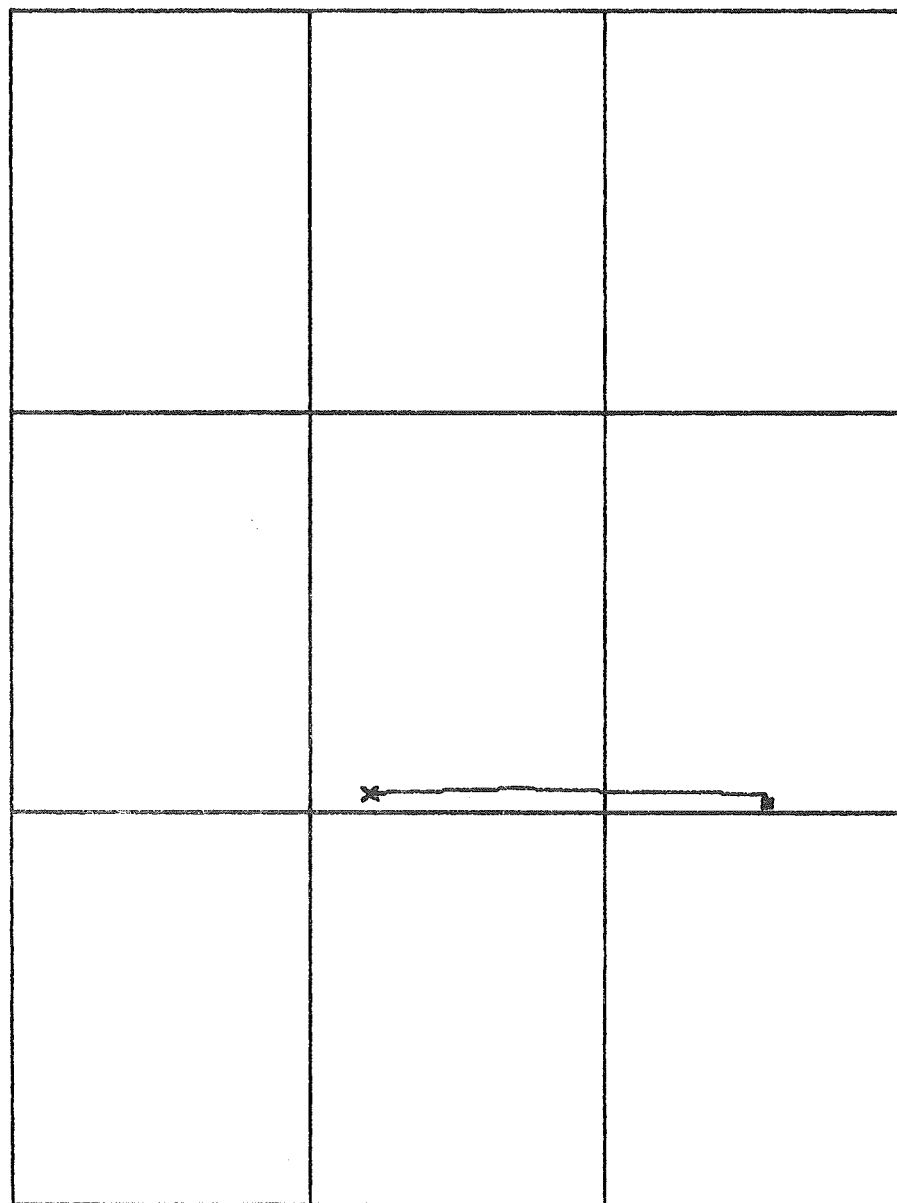
1/1000000 AT 46 N



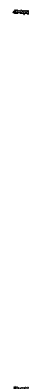
121 1030 043.00N  
067.44W

121 1530 043.02N  
065.91W

1/1000000 AT 46 N



44.0 N

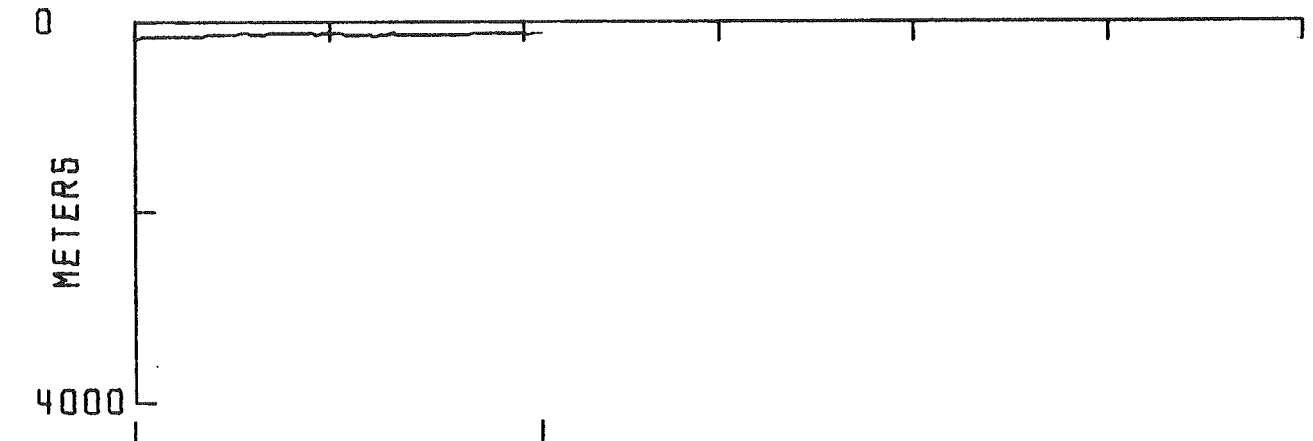
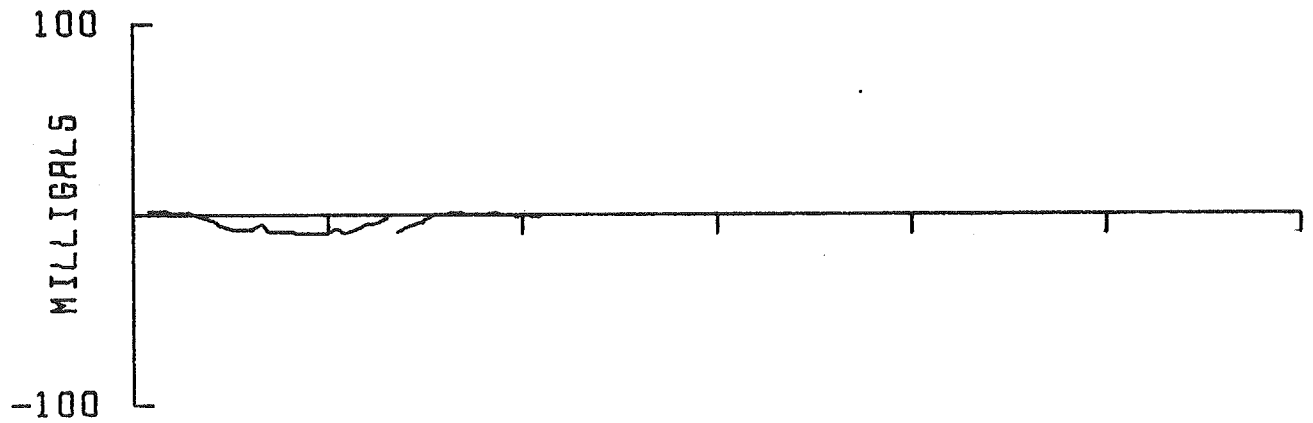
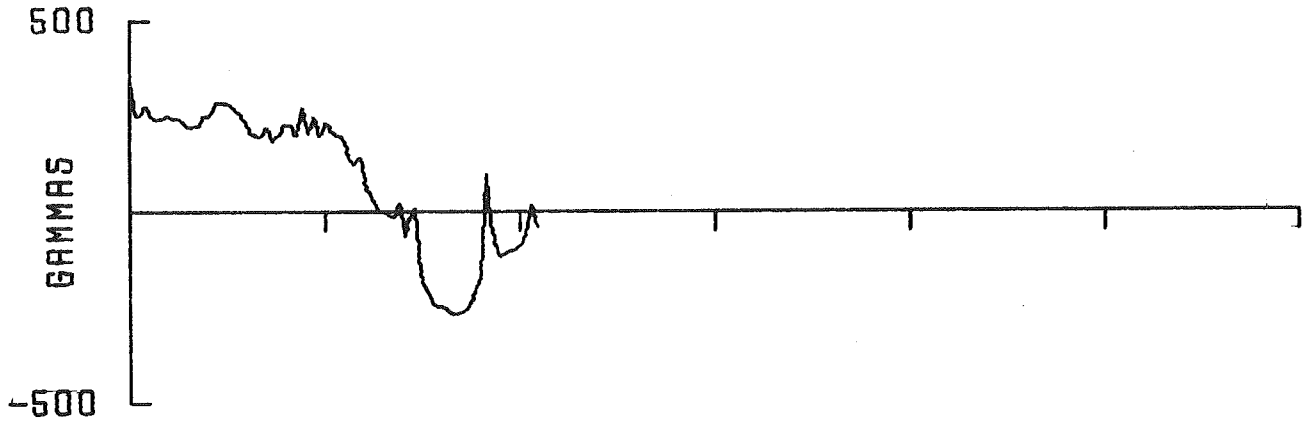


42.6 N

66.5 W

66.0 W

1/1000000 AT 46 N



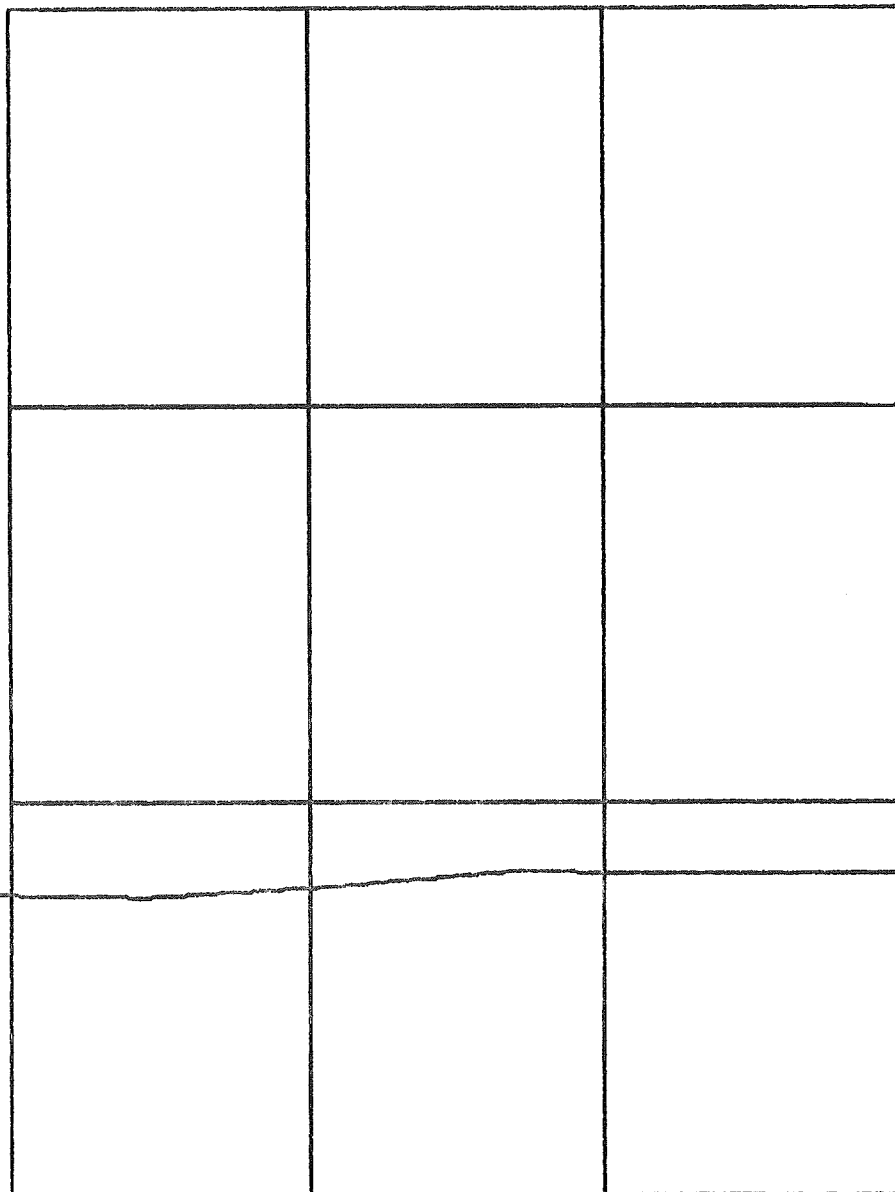
121 1800 043.01N  
065.22W

121 1532 043.02N  
065.90W

1/1000000 AT 46 N



43.5 N



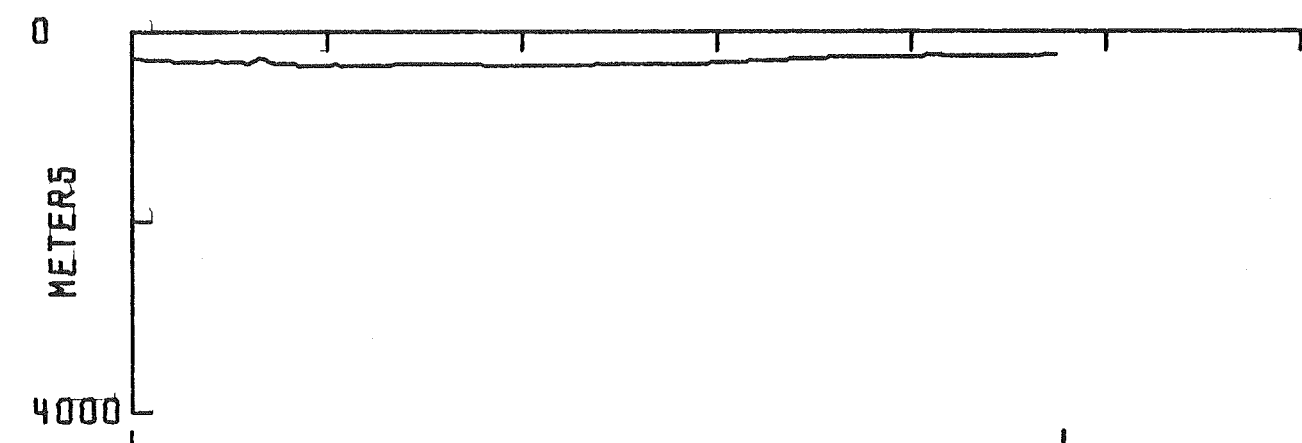
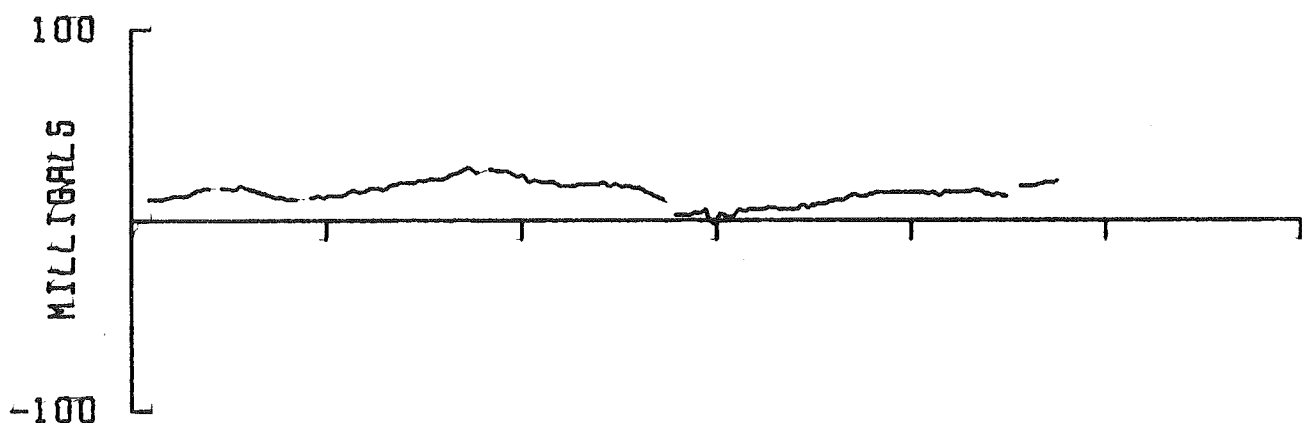
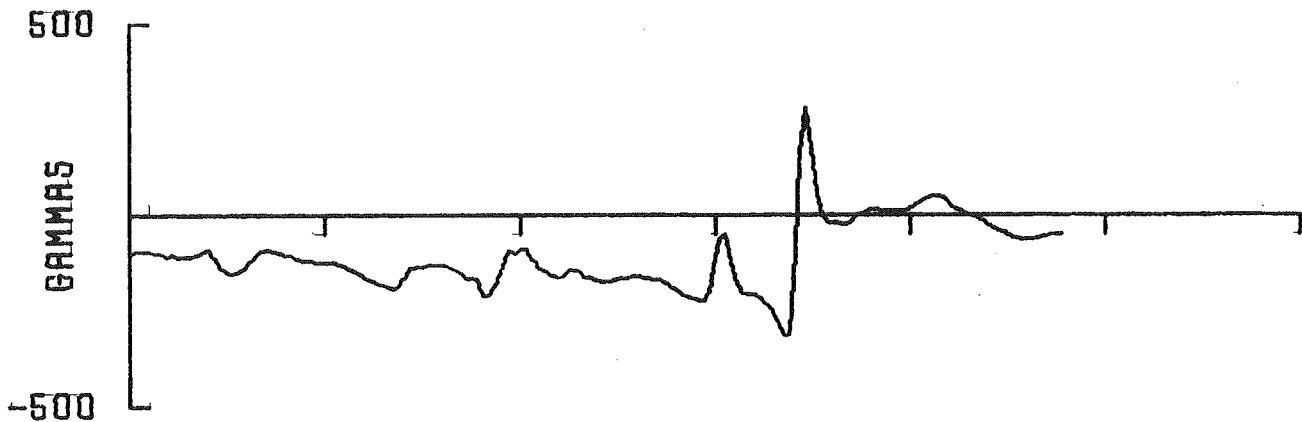
42.0 N

67.5 W

66.0 W



1/1000000 AT 46 N



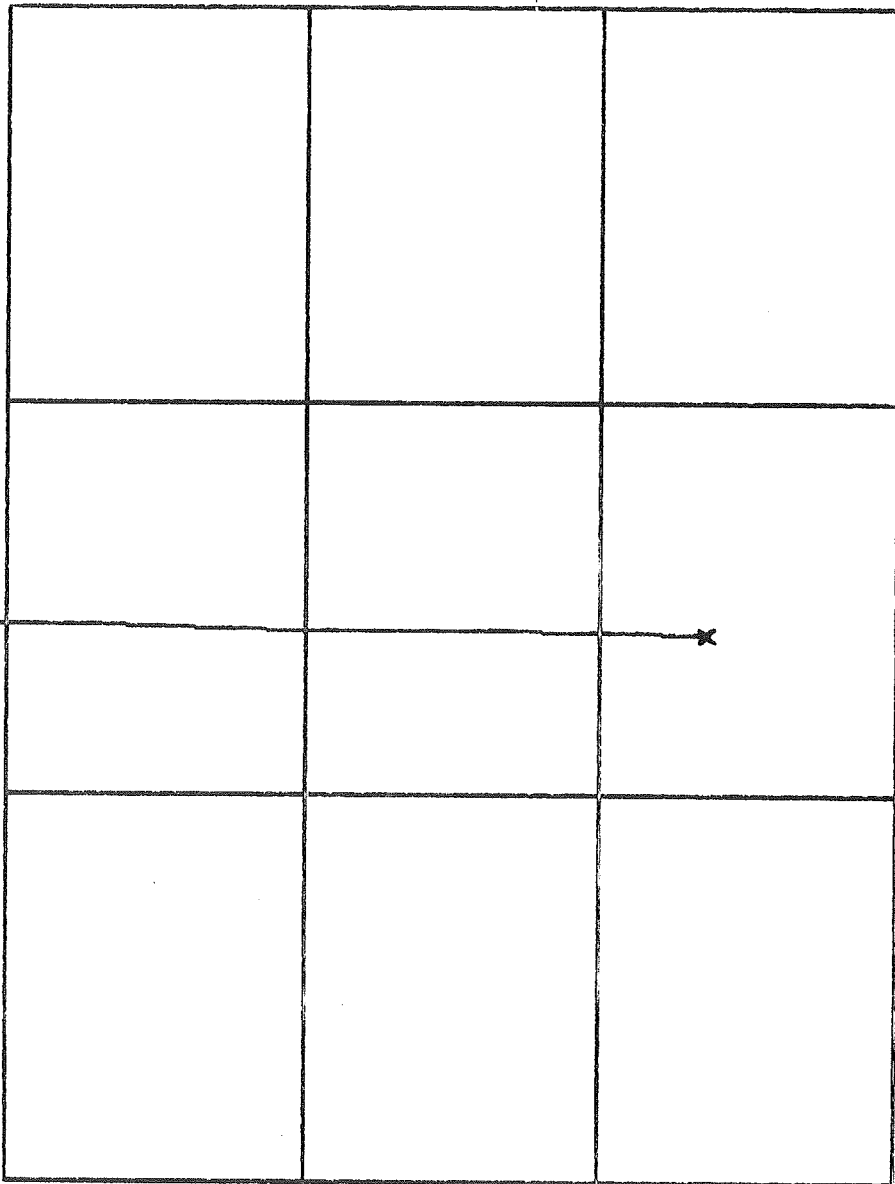
134 0000 042.38 N  
067.56 W

134 0516 042.41 N  
065.99 W

1/1000000 AT 46 N



43.0 N

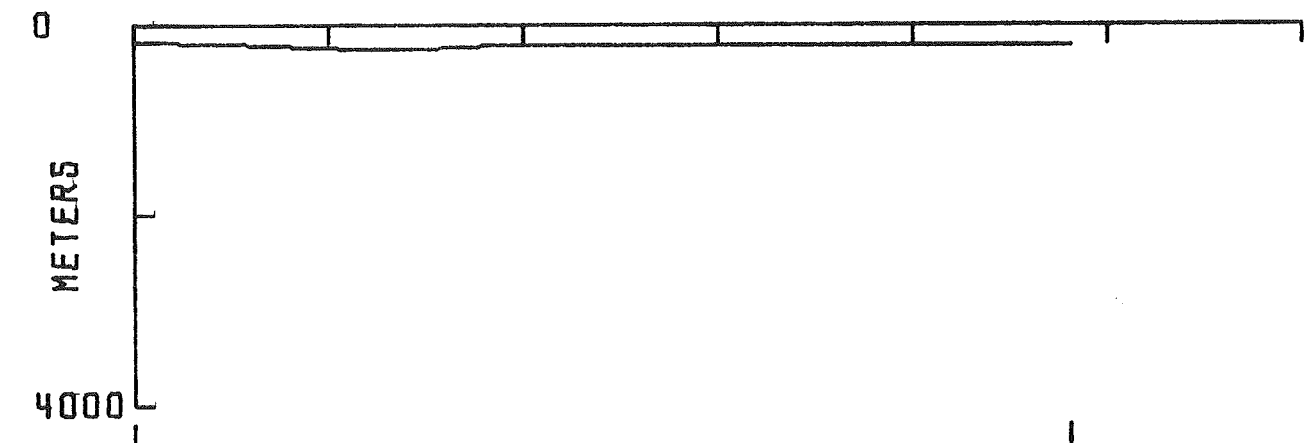
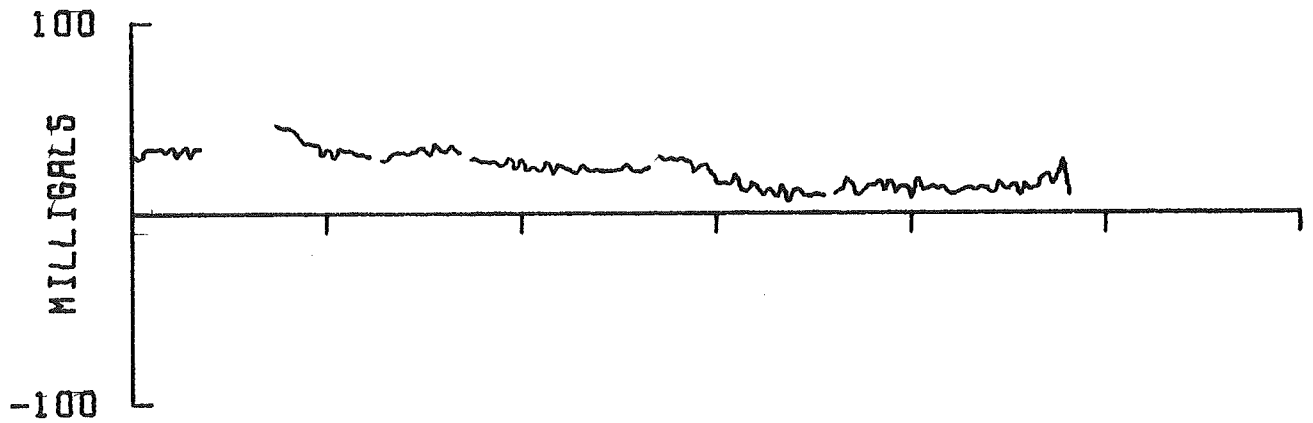
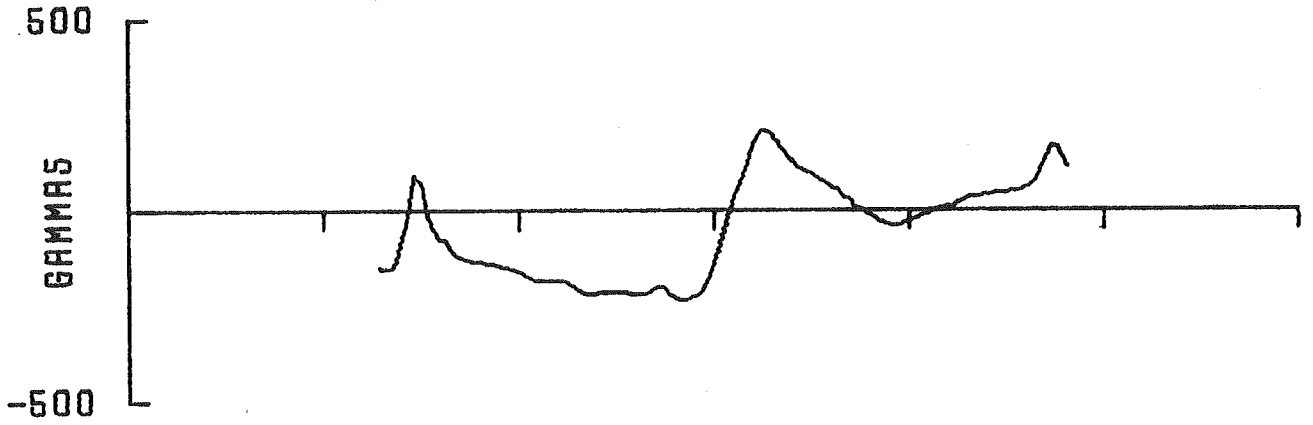


41.5 N

67.5 W

66.0 W

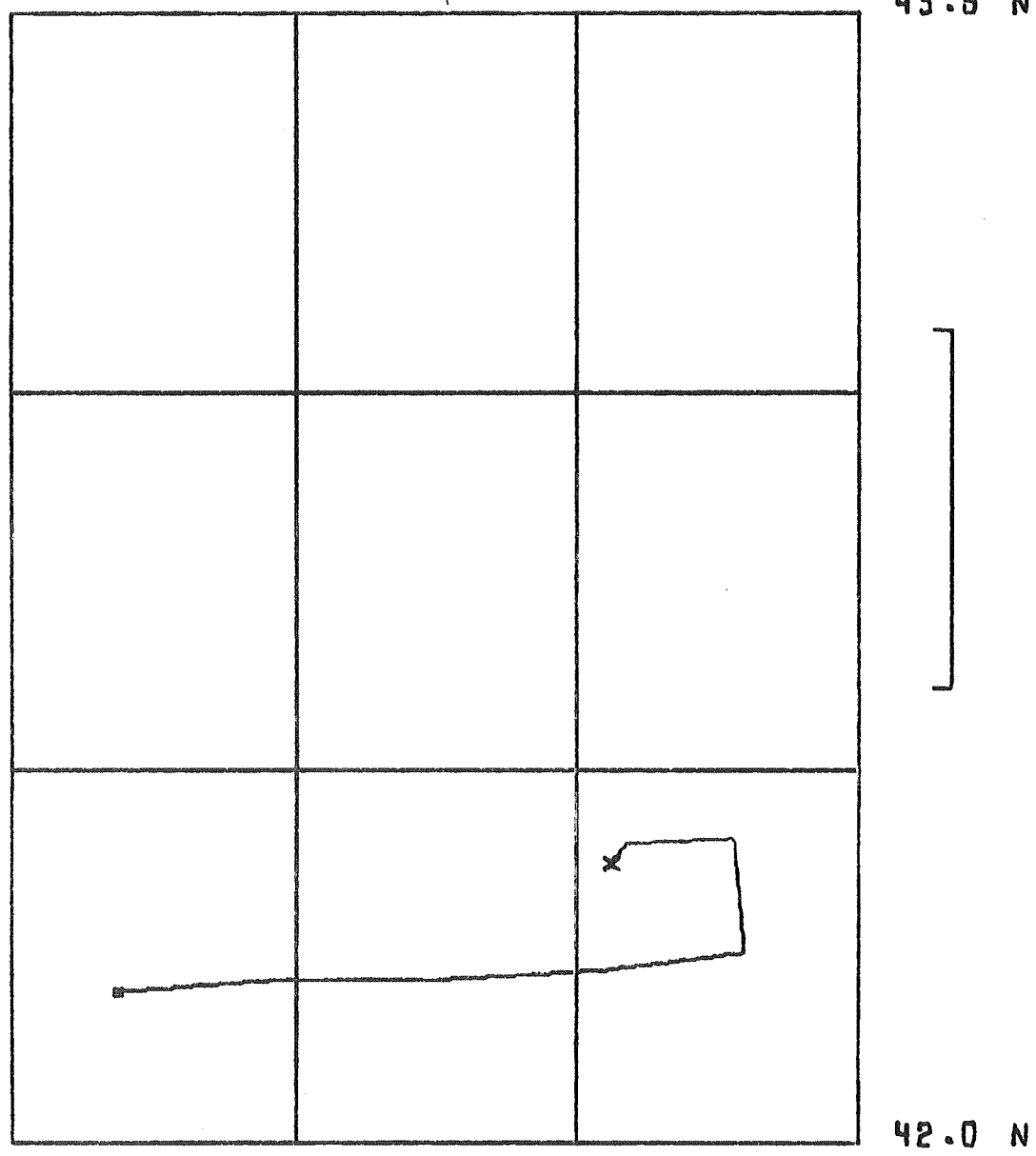
1/1000000 AT 46 N



134 1806 042.06N  
067.68W

134 1232 042.21N  
066.32W

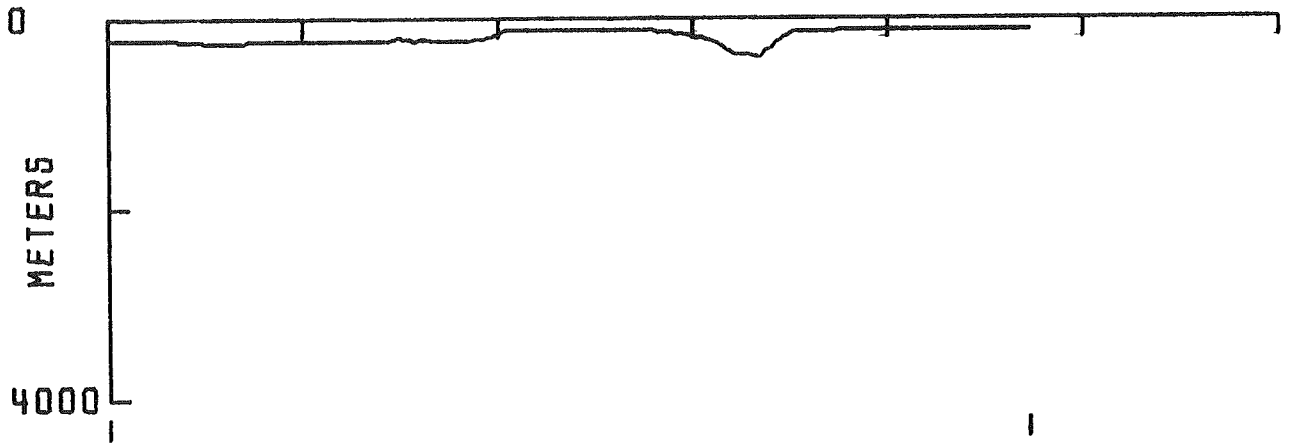
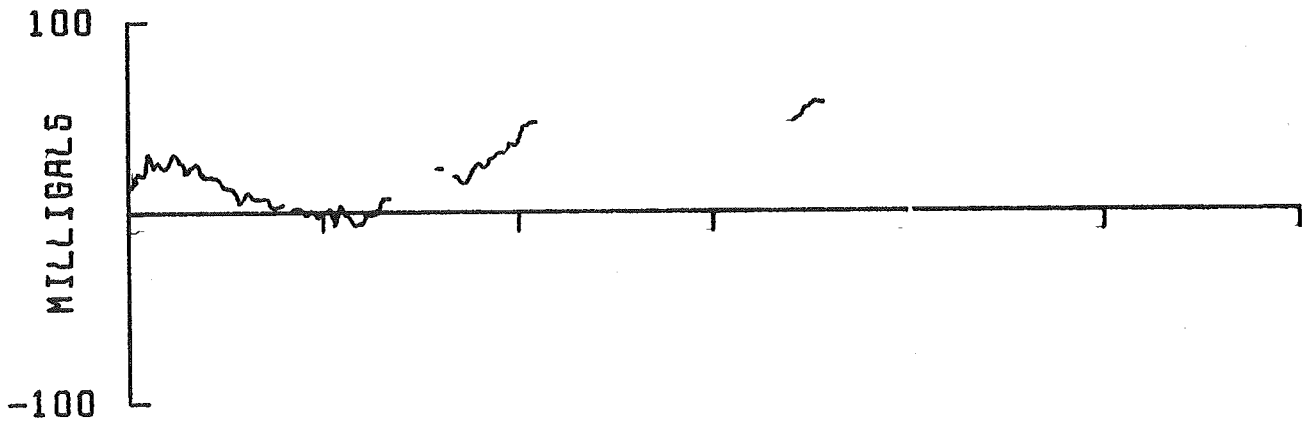
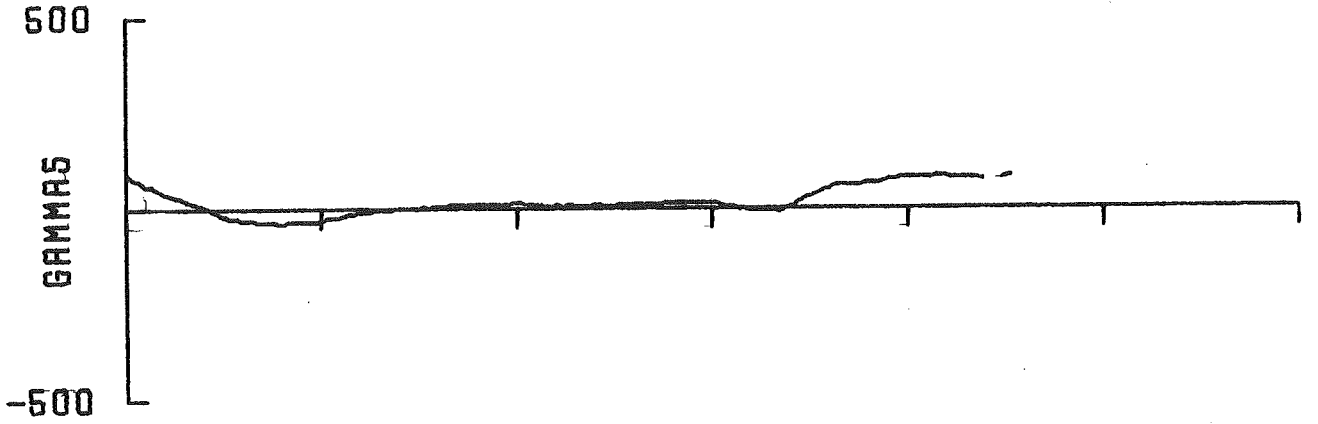
1/1000000 AT 46 N



66.5 W

66.0 W

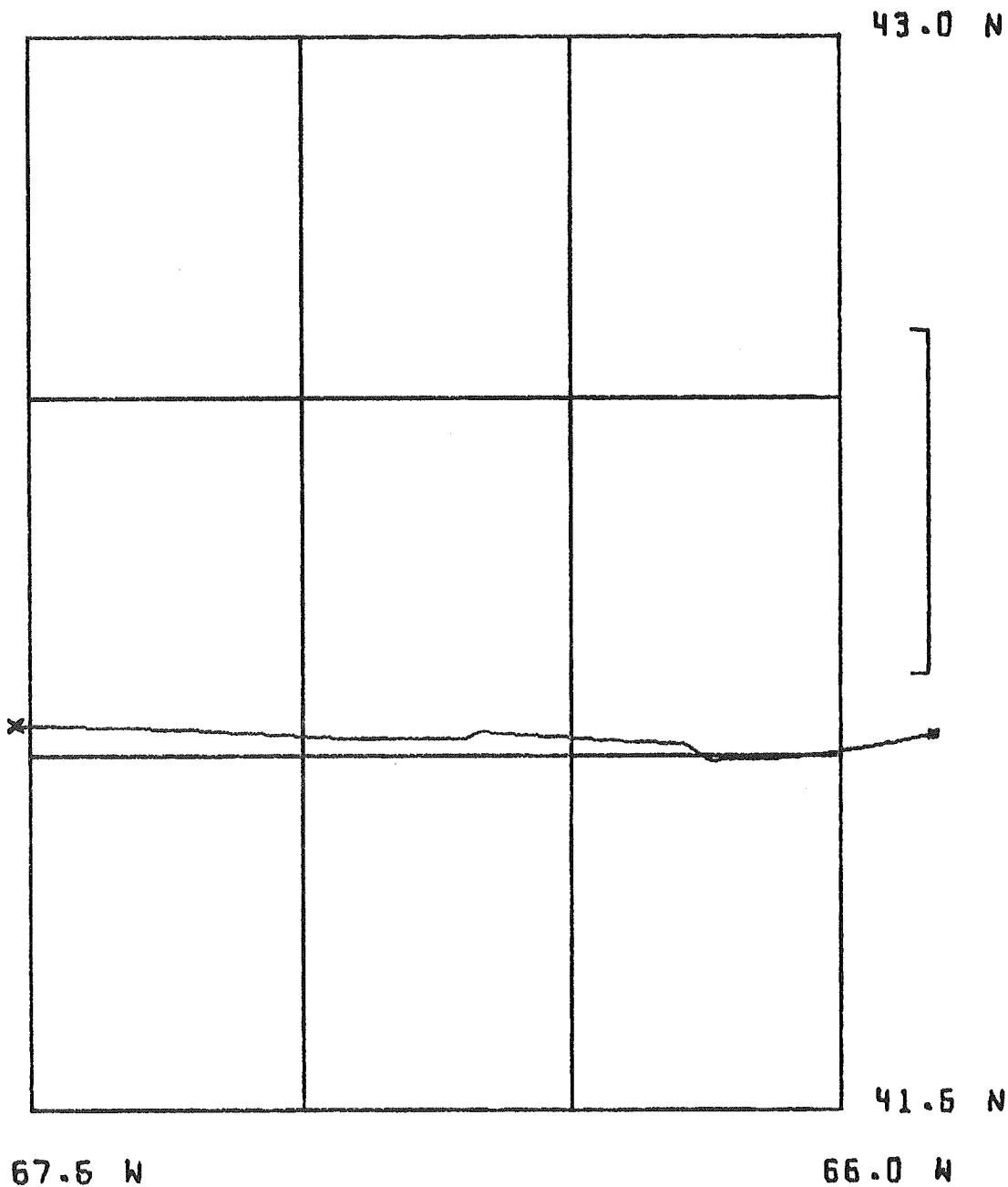
1/1000000 AT 46 N



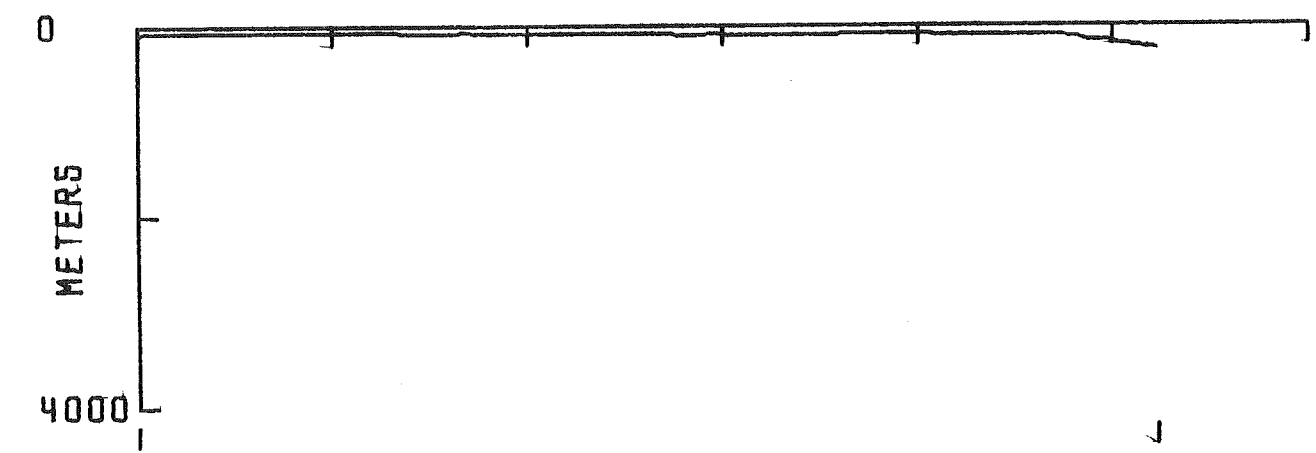
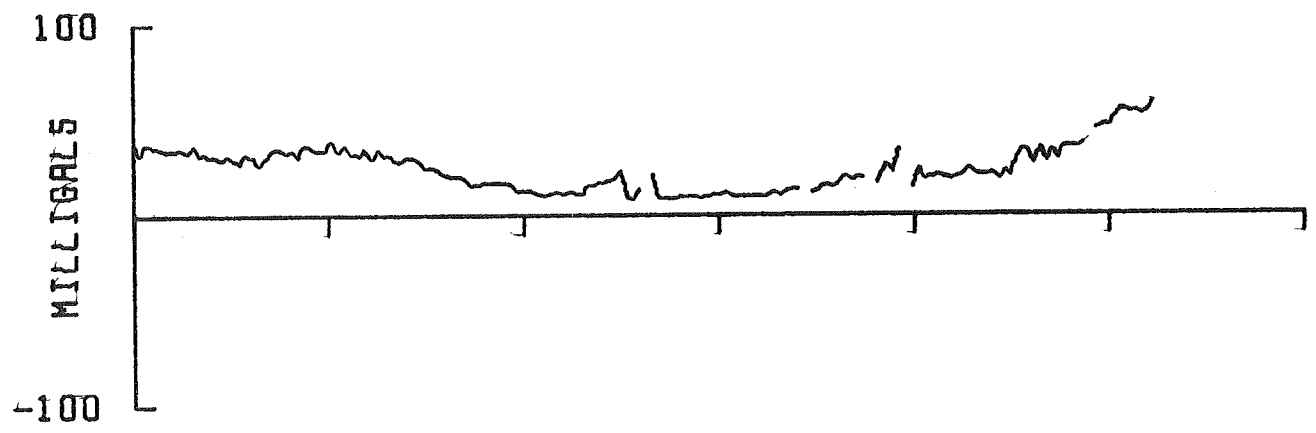
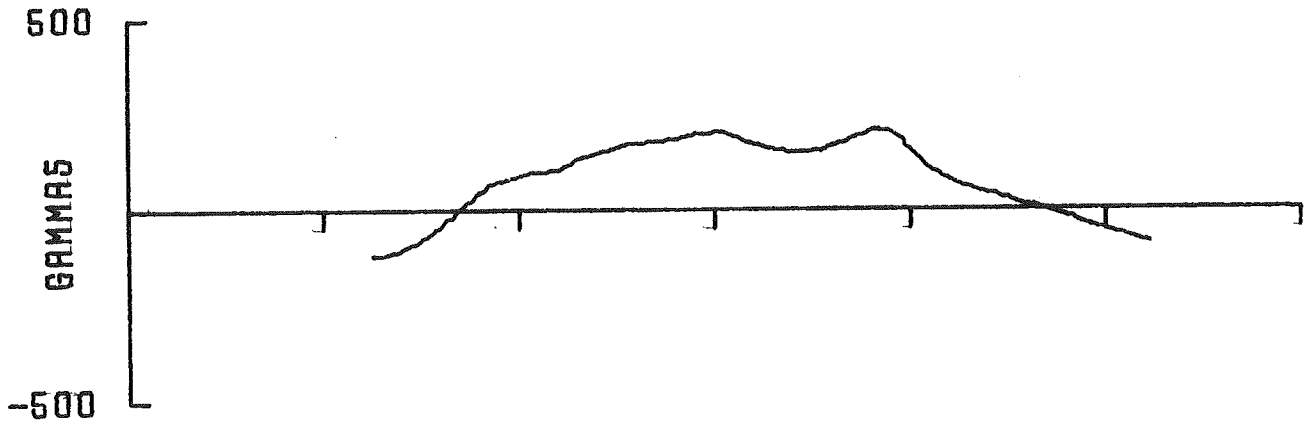
134 1230 042.20N  
066.31W

134 0710 042.38N  
065.44W

1/1000000 AT 46 N



1/1000000 AT 46 N



134 1836 042.04N  
067.53W

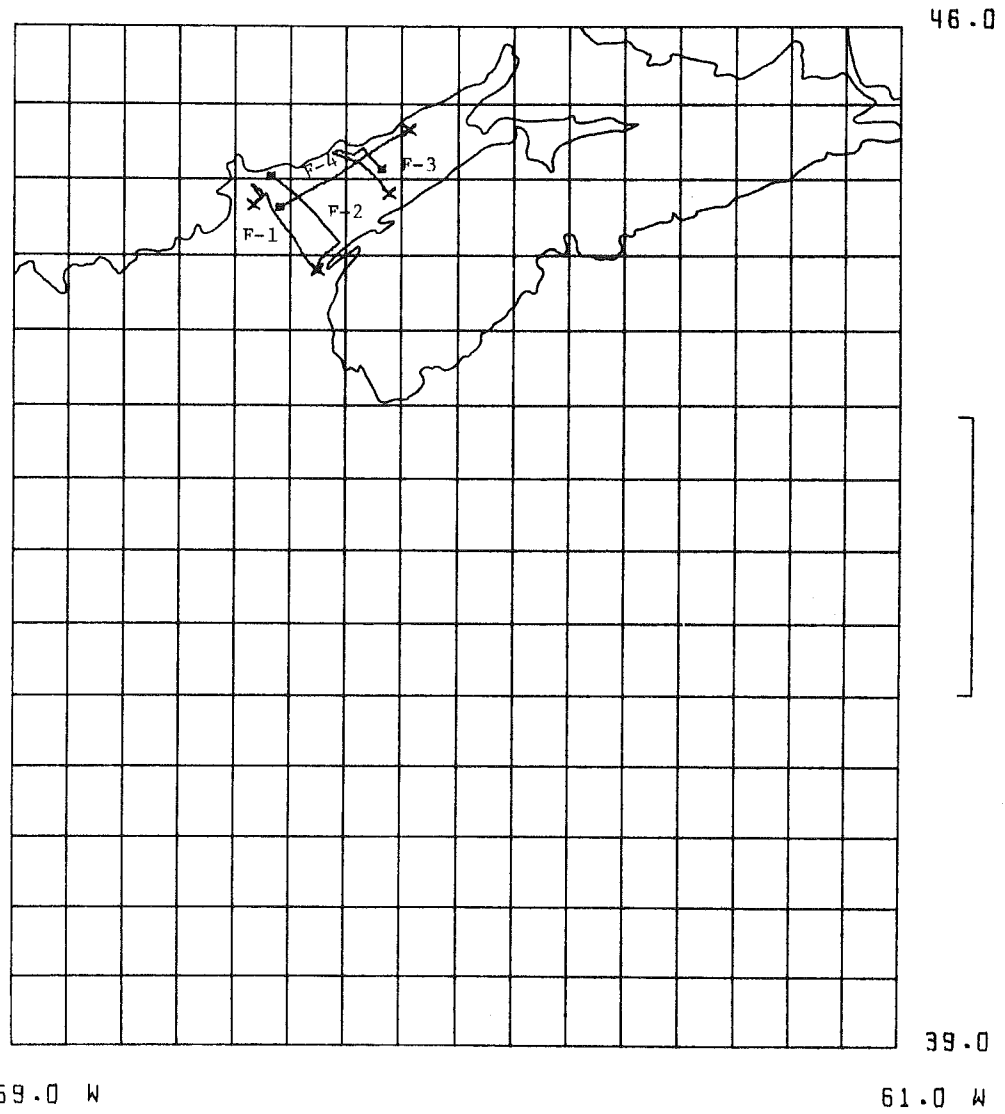
134 2360 042.03N  
066.83W

APPENDIX F

Geophysical Profiles in the Bay of Fundy



1/5,400,000 AT 46° N

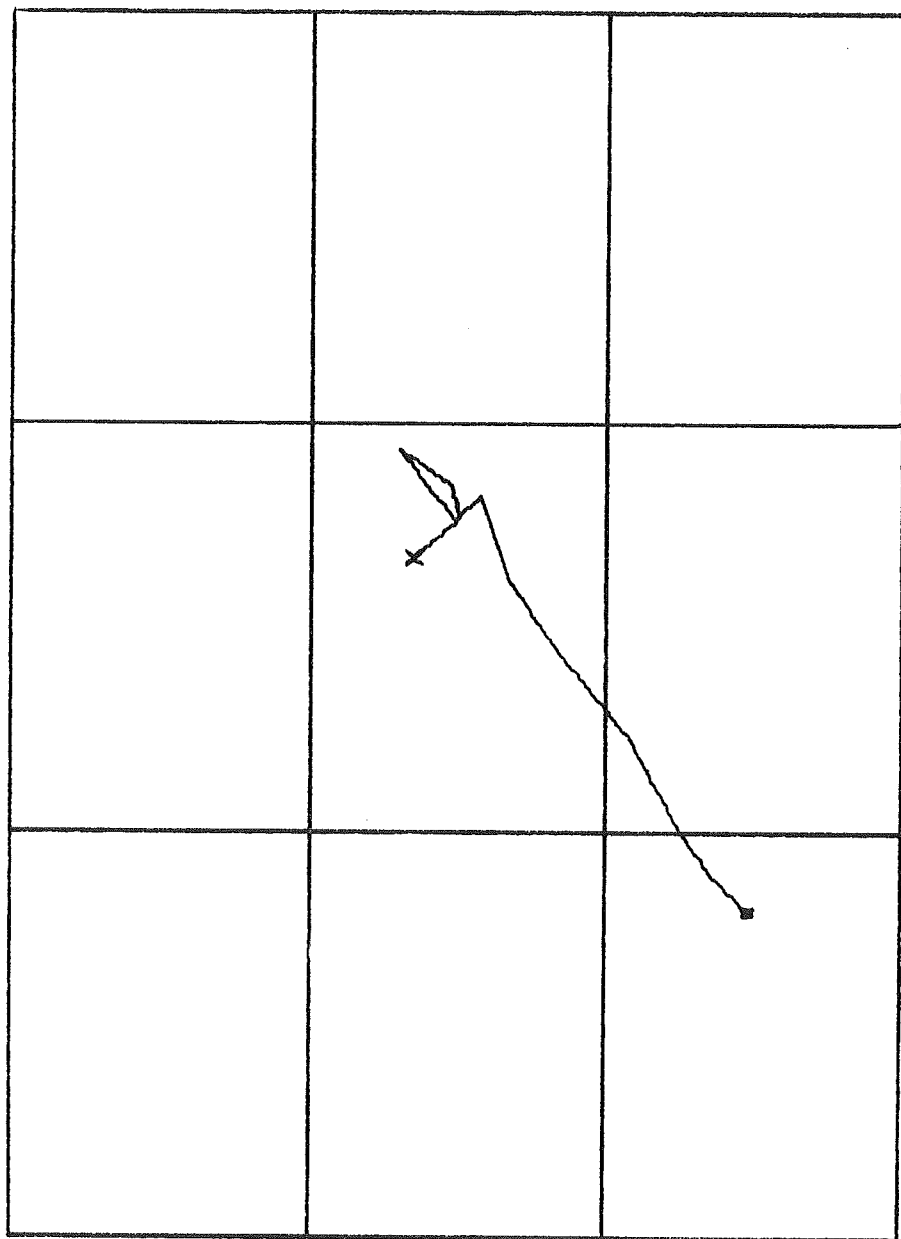


PROFILE LOCATION MAP

1/1000000 AT 46 N



46.5 N

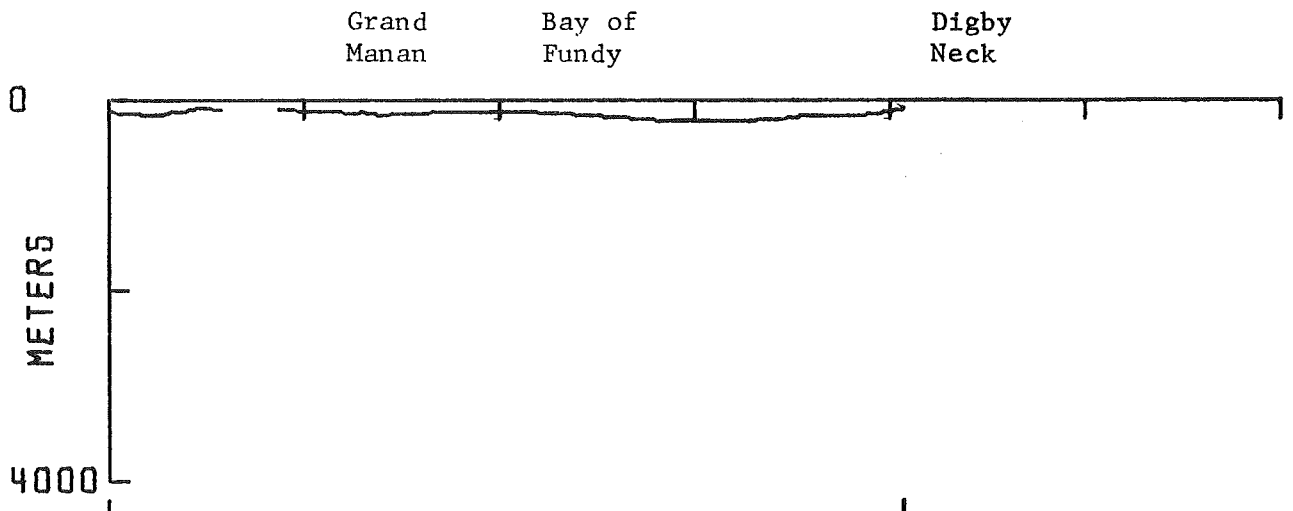
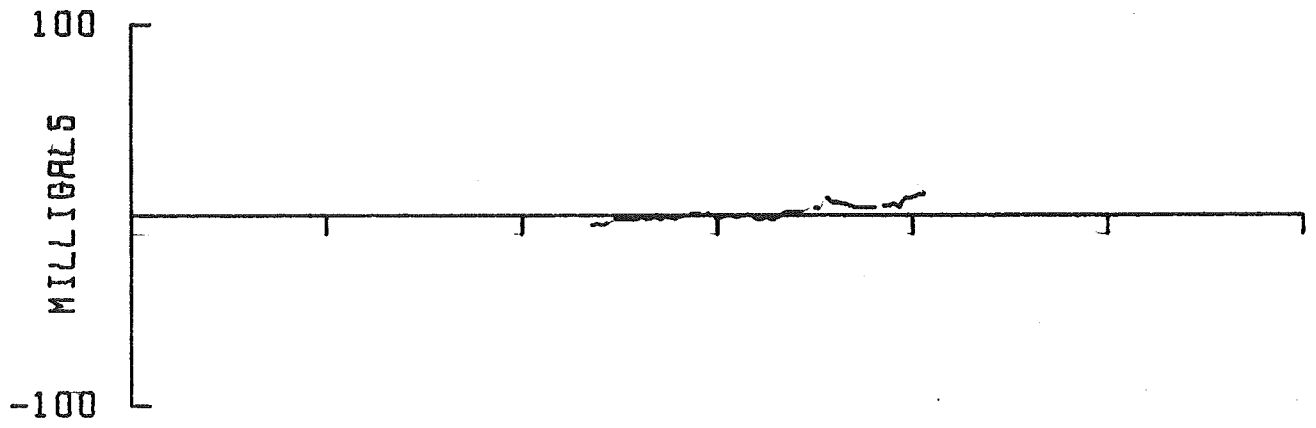
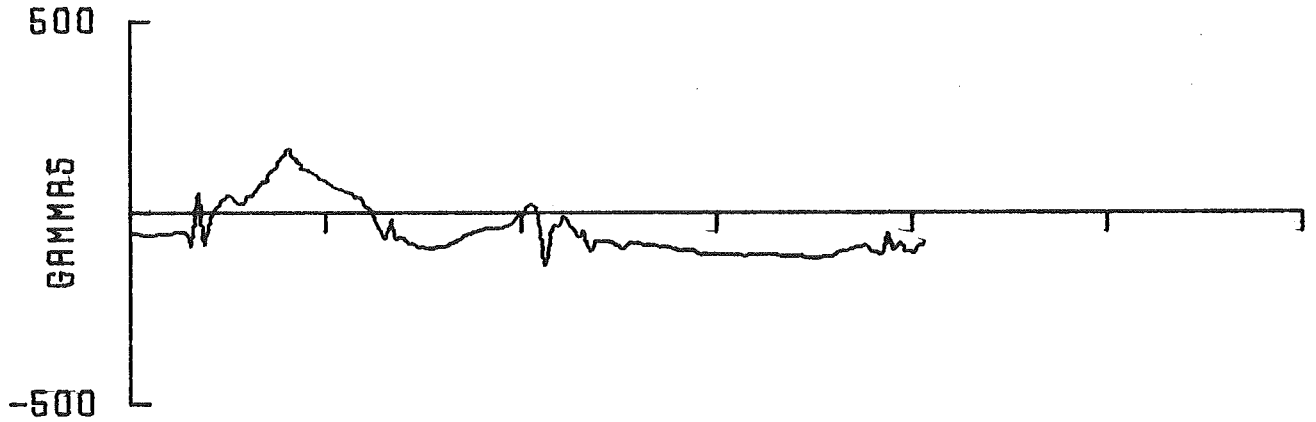


44.0 N

67.5 W

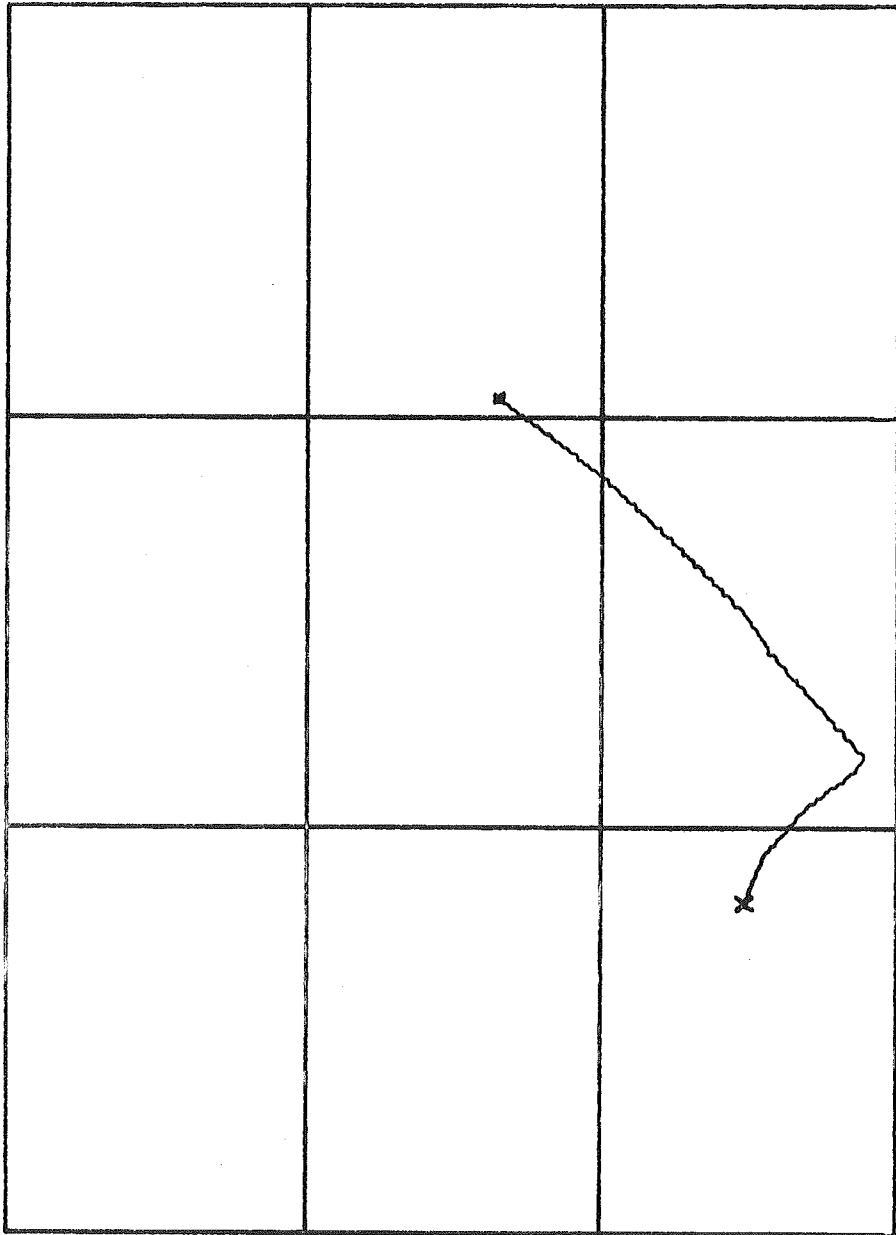
66.0 W

1/1000000 AT 46 N



123 0802 044.84N 123 1600 044.41N  
066.82W 066.26W

1/1000000 AT 46 N



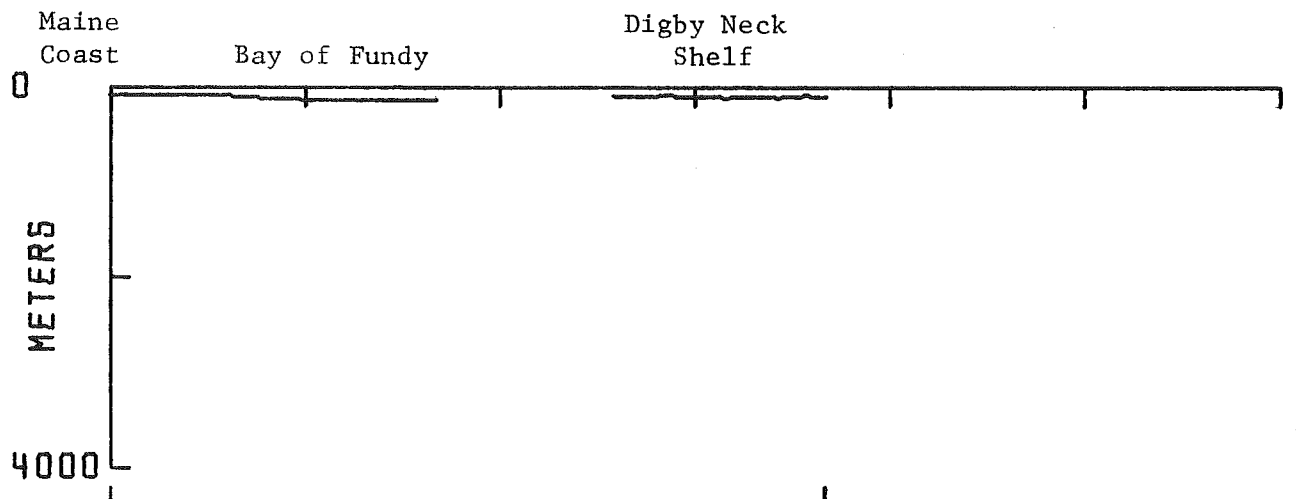
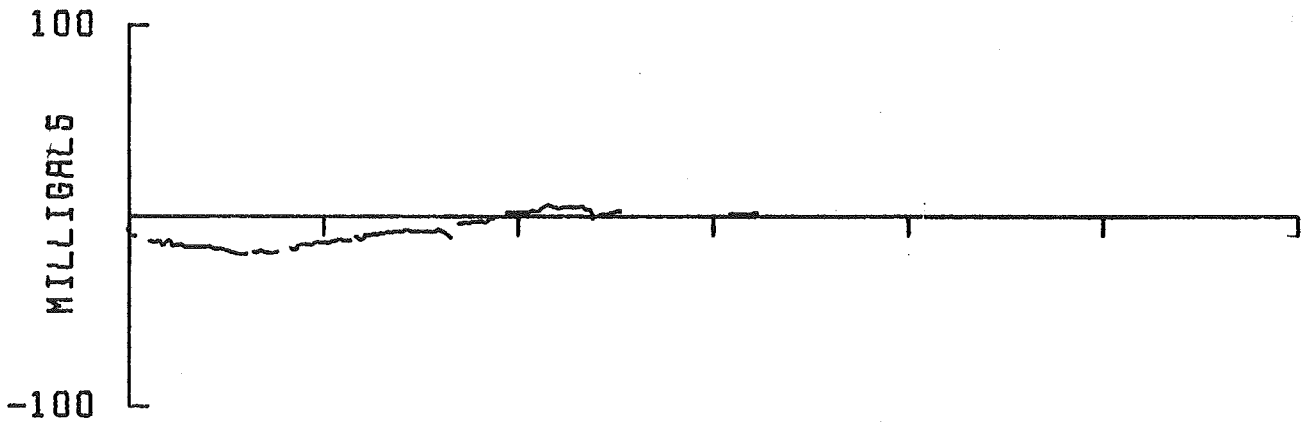
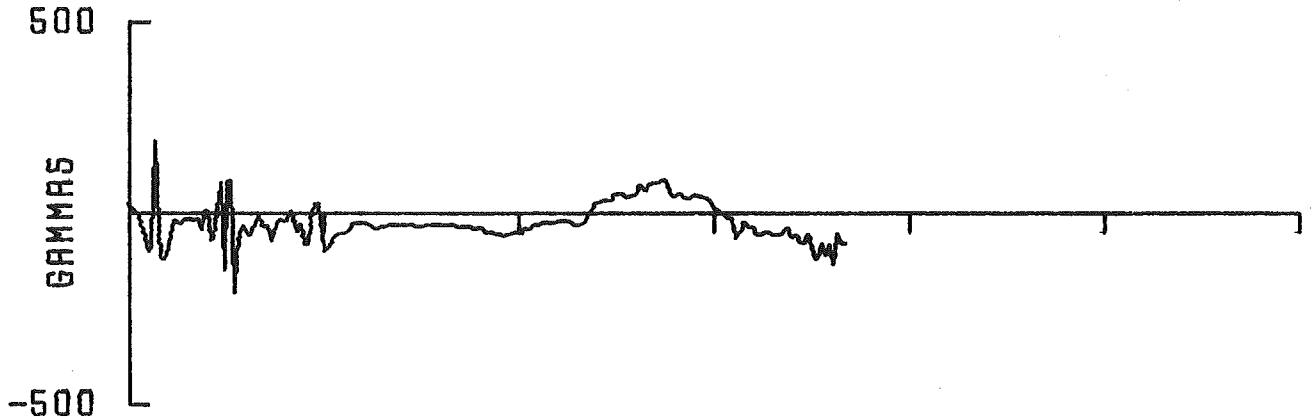
45.5 N

44.0 N

67.5 W

66.0 W

1/1000000 AT 46 N

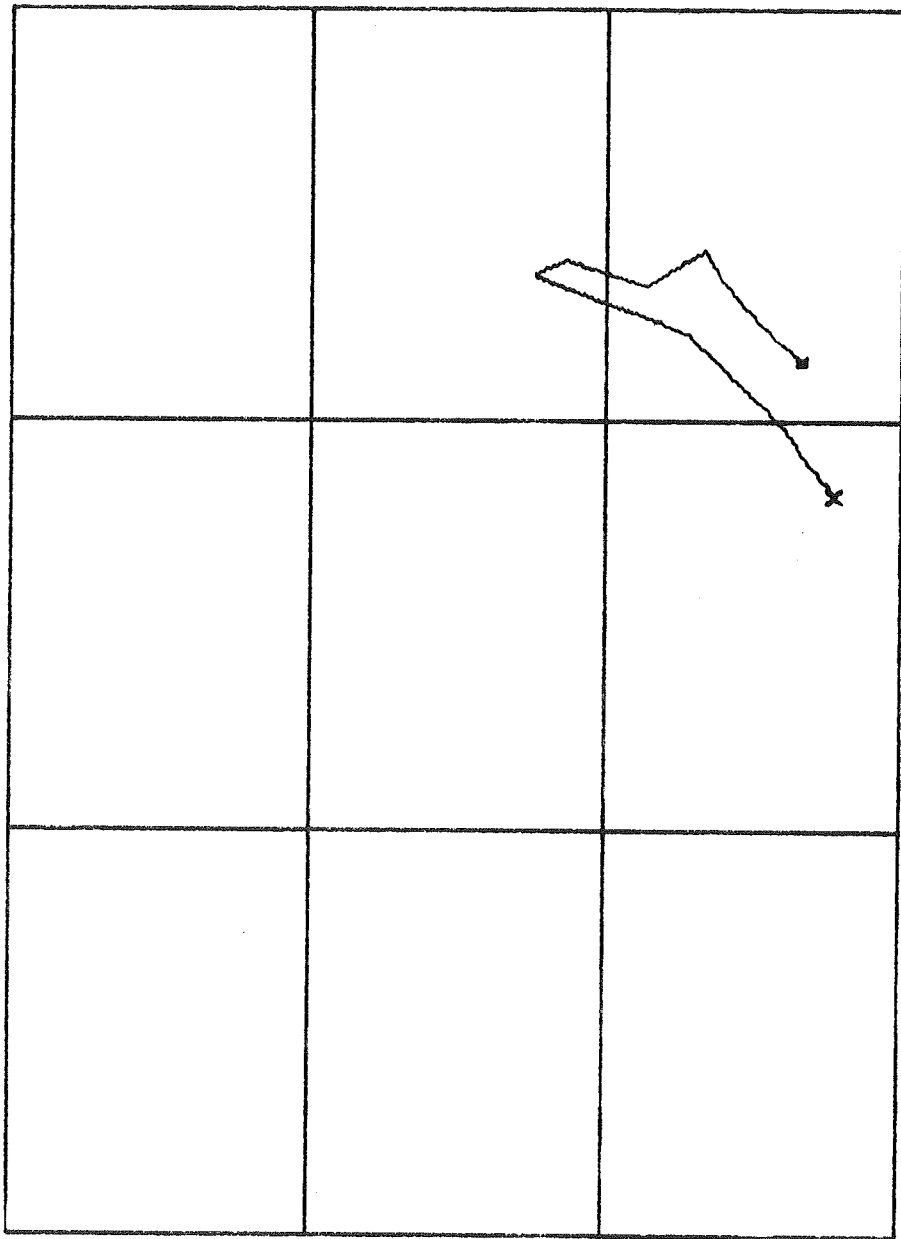


Maine Coast                      Bay of Fundy                      Digby Neck Shelf

129 2244 045.02N  
066.67W

129 1602 044.41N  
066.26W

1/1000000 AT 46 N



46.5 N

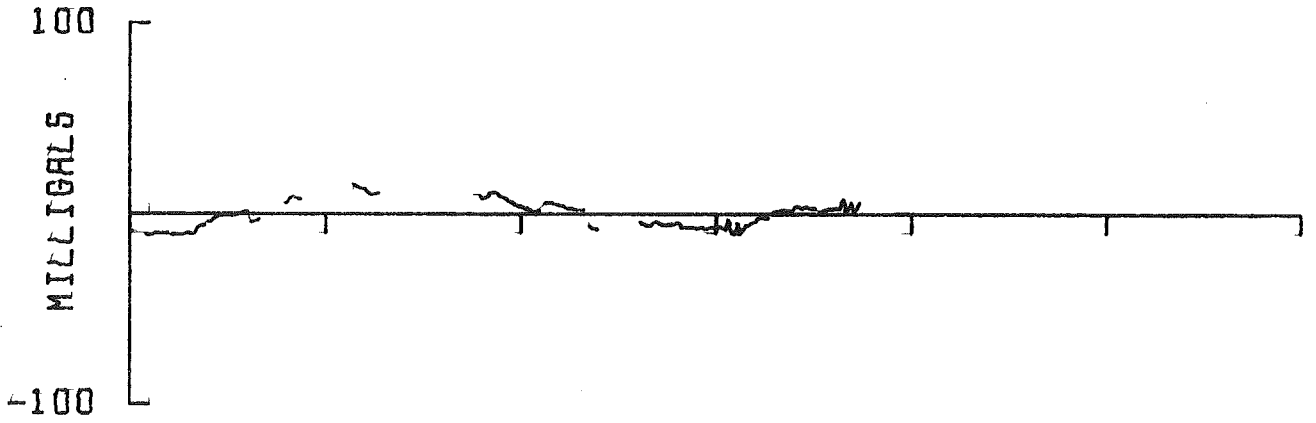
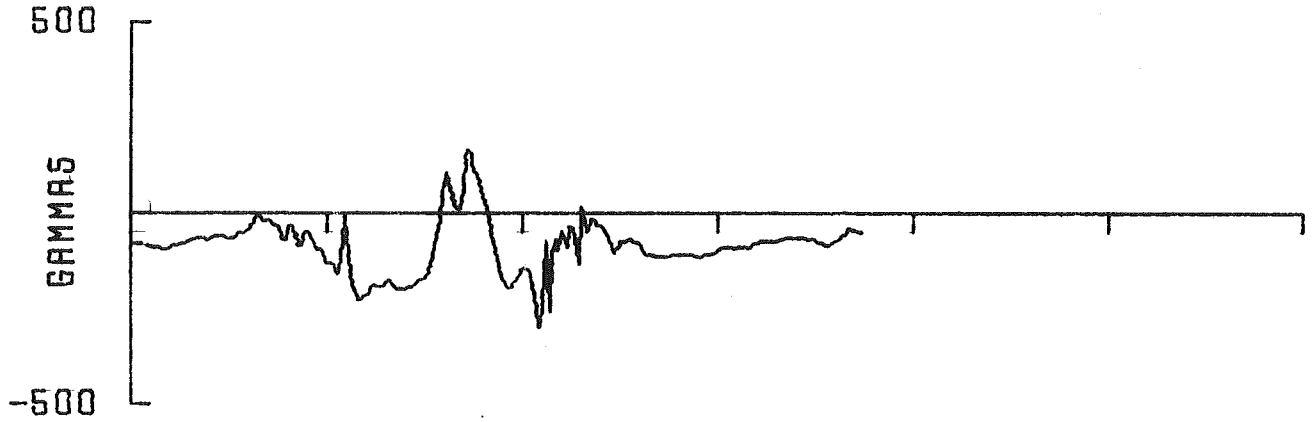


44.0 N

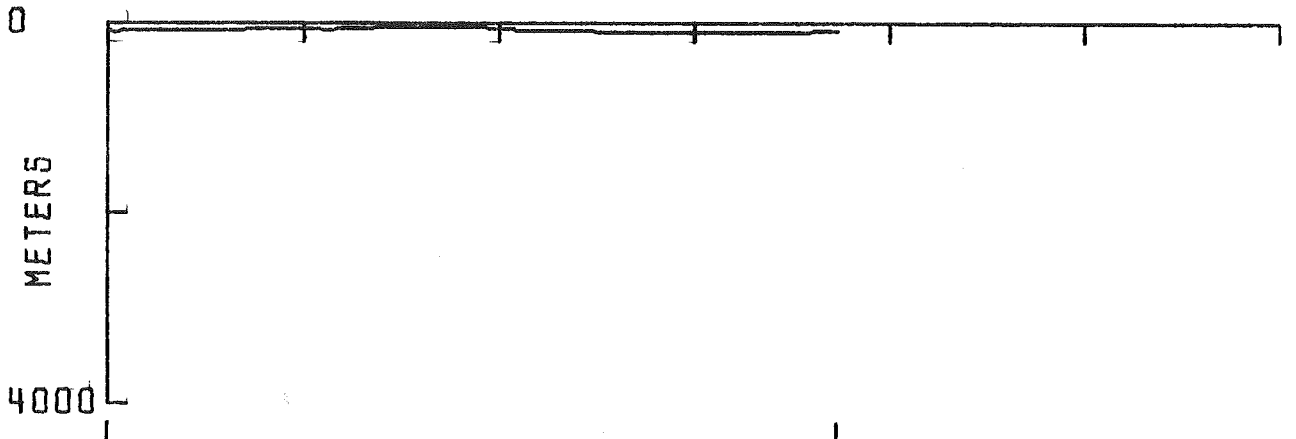
67.0 W

65.5 W

1/1000000 AT 46 N



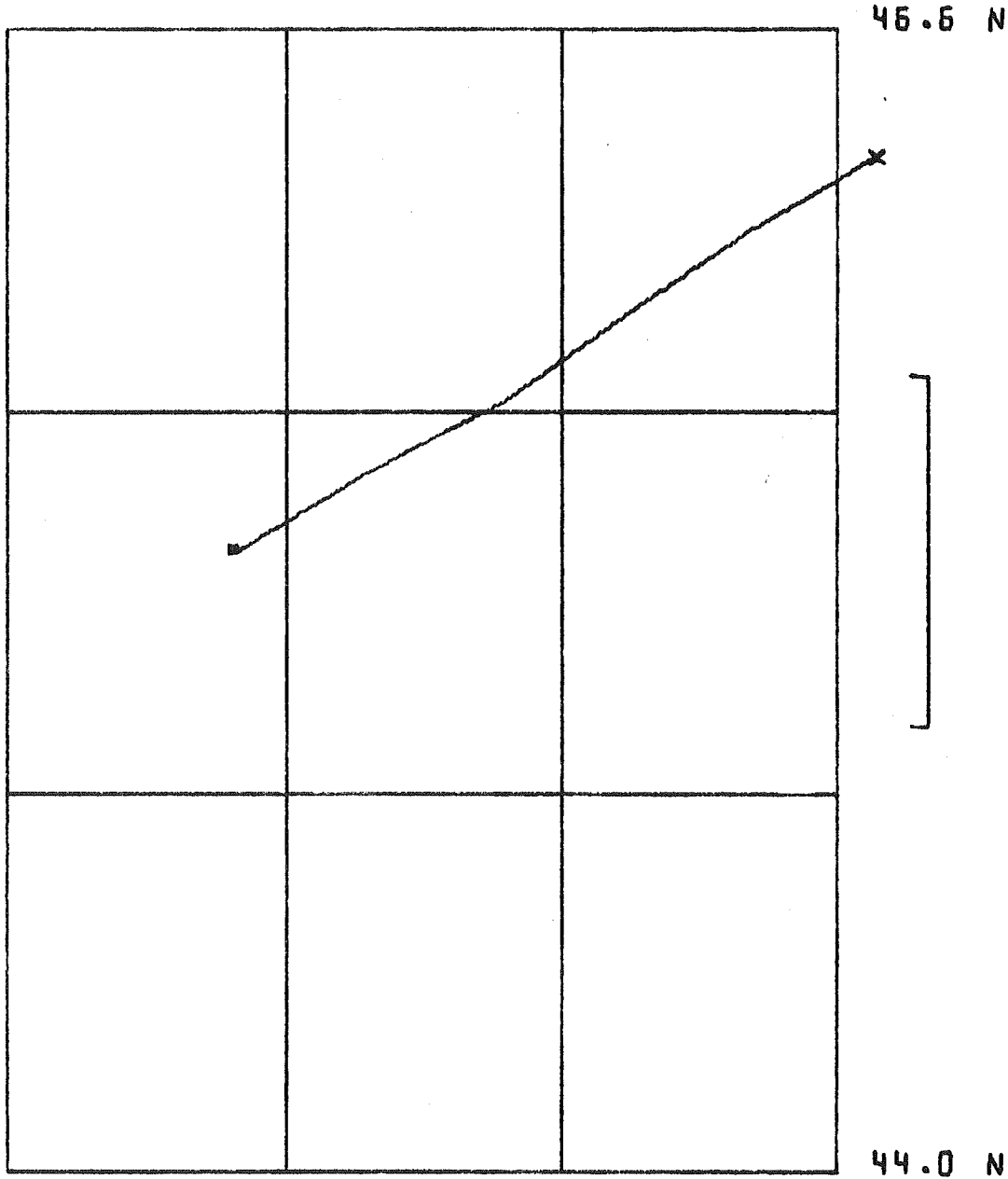
Bay of Fundy                      St. John Shelf                      Bay of Fundy



124 1630 045.07N  
065.67W

124 0830 044.91N  
065.61W

1/1000000 AT 46 N



46.6 N

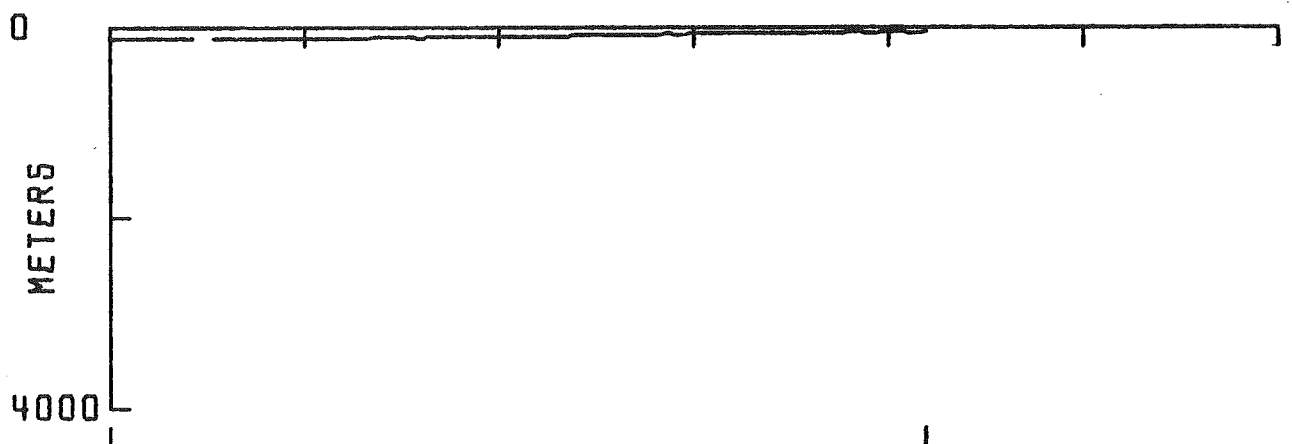
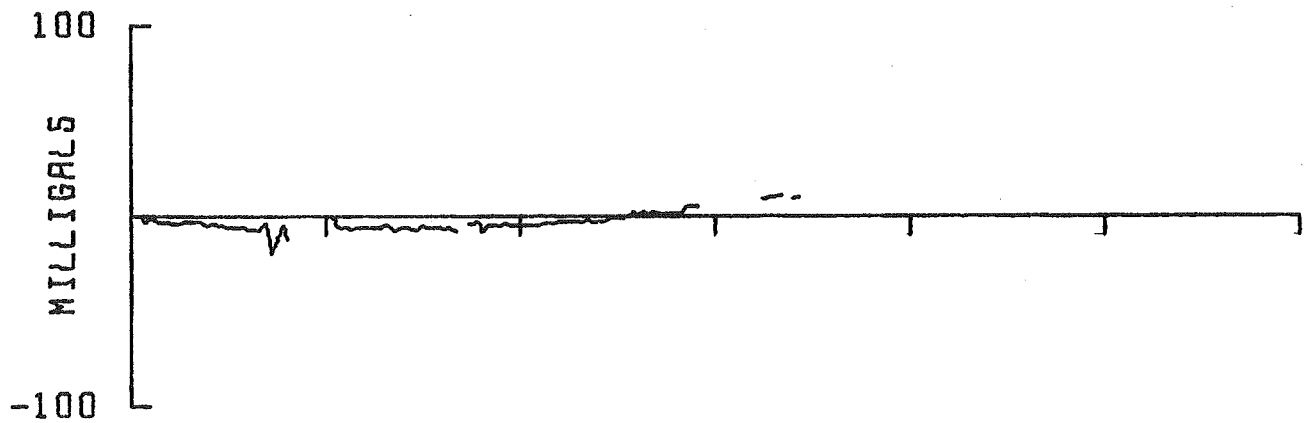
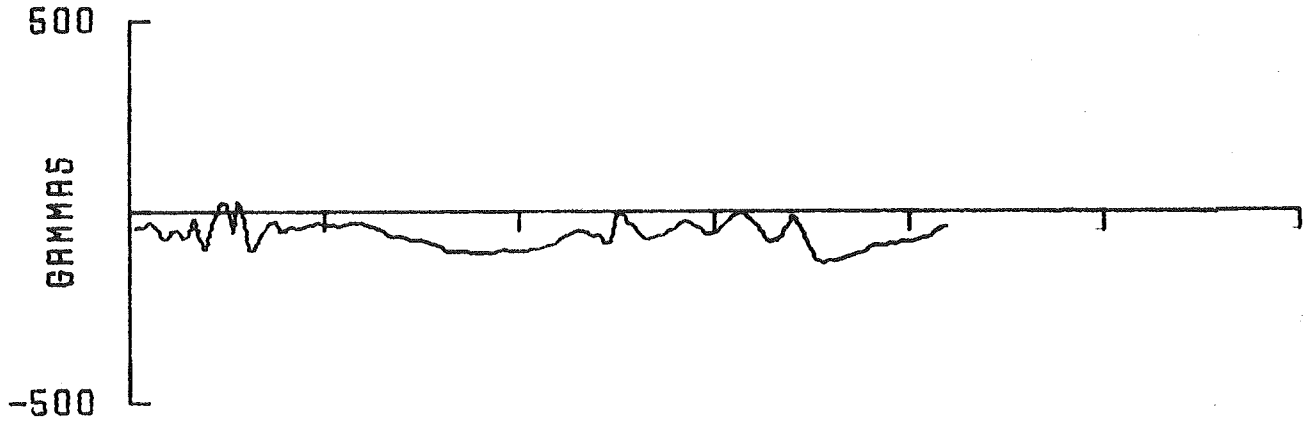
44.0 N

67.0 W

66.6 W



1/1000000 AT 46 N



126 0032 044.82N 125 1932 046.33N  
066.59W 065.43W

