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Geophysical Data Collected in the Northwestern Atlantic Ocean

C.S.S. HUDSON 72-021

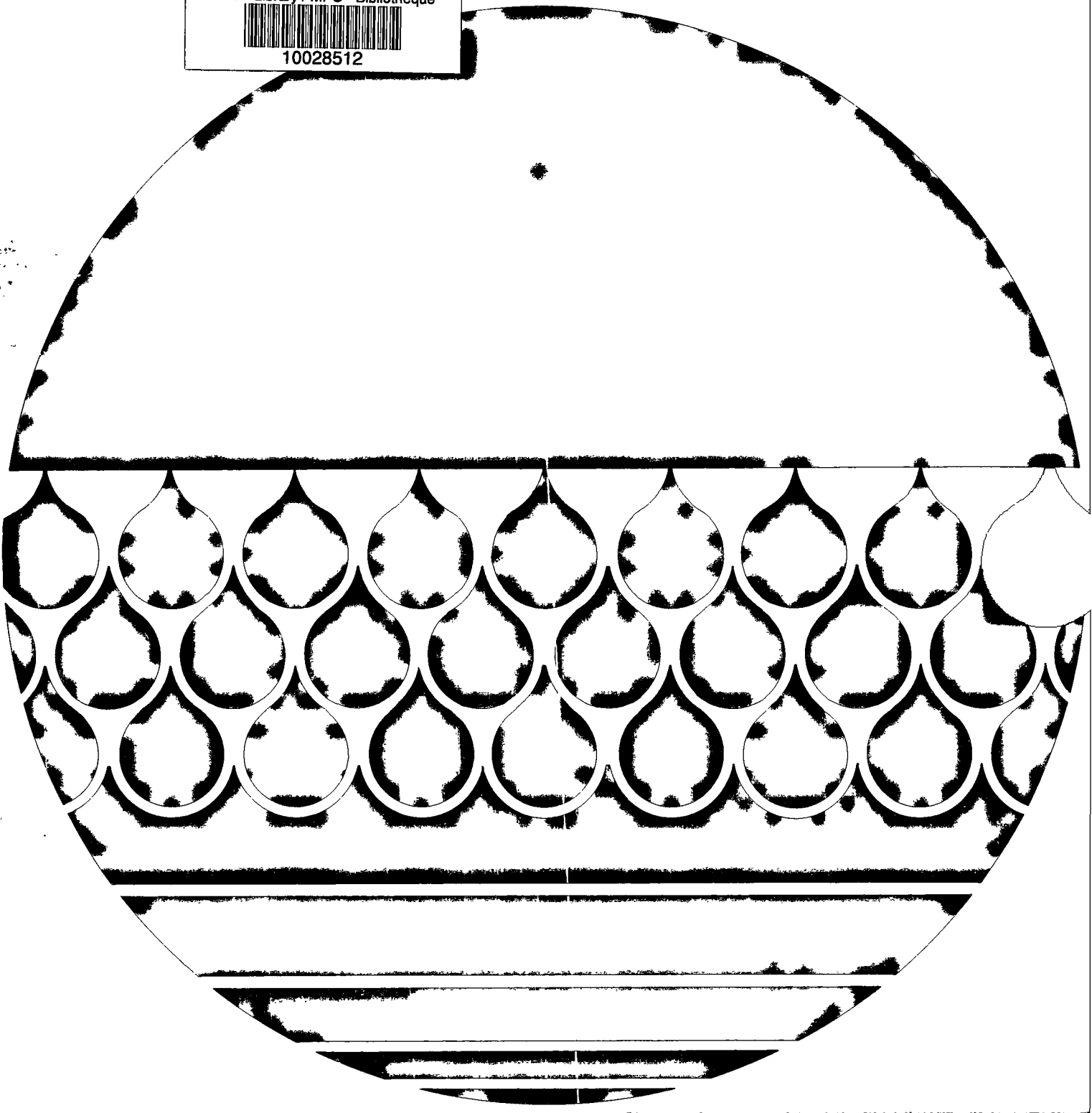
K. G. Shih, C. E. Keen, B. L. Johnston and M. J. Keen

Data Series/BI-D-73-6/May 1973

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BEDFORD INSTITUTE OF OCEANOGRAPHY

Dartmouth, Nova Scotia
Canada

GEOPHYSICAL DATA COLLECTED IN
THE NORTHWESTERN ATLANTIC OCEAN
C.S.S. HUDSON 72-021

by

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This is a data report which has received only limited circulation. On citing this report the reference should be followed by the words 'UNPUBLISHED MANUSCRIPT'.

MAY 1973

DATA SERIES

BI-D-73-6

ACKNOWLEDGEMENT

We would like to thank the Captain and Crew of C.S.S. HUDSON and the associates from the Atlantic Geoscience Centre and Department of Geology of Dalhousie University who have helped in collecting or reducing the data onboard ship during the Northwest Atlantic cruise in the summer of 1972.

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DATA

C.S.S. HUDSON 72-021

APPENDIX

Distribution List

1. INTRODUCTION

In the summer of 1972, CSS HUDSON obtained bathymetric, gravity, magnetic and seismic data in the northwestern Atlantic Ocean. The tracks over which data were obtained are given in figures 1 and 2. The data gathered are presented in this report.

2. INSTRUMENTATION

2.1 Magnetics

Total magnetic field data were obtained with Barringer OM 104 proton precession magnetometers. Data were recorded in analogue form on a Hewlett Packard 680 chart recorder and in digital form every six seconds on paper tape in ASCII code. GMT was recorded every minute from the ship's master clock. The magnetometer sensing head was towed some 700 feet astern of the ship. At this distance the magnetic effect from the ship was negligible.

2.2 Gravity

An Askania Gss-2, serial no. Gss-2-17, sea gravimeter was used to obtain gravity data on HUDSON. The gravimeter was mounted on an Anschutz gyro stabilized platform. Data were also recorded in analogue form on a Moseley 7100B two-channel chart recorder and in digital form every minute on paper tape.

2.3 Navigation

Navigation fixes were obtained by using Loran-C and dead reckoning. A satellite navigation receiver with an on-line HP computer was used to obtain satellite data for checking and correcting the Loran-C data.

2.4 Bathymetry

Soundings were obtained using a 12.0 kHz Edo transducer and Alpine PESR recorder programmed through a Giffit transceiver. All bathymetric data were manually punched in computer compatible form on paper tape. A velocity of 4800 ft/sec for sea water was assumed in the calculation of the bathymetric data.

2.5 Seismic Reflection

The system used for continuous seismic reflection profiling is shown schematically in figure 3. It consists of the following:

- a) A hydrophone array, 400 feet long, which is divided into 100 foot sections. Each section contains 20 hydrophones. A 100 foot dead section and a 600 foot lead-in cable to the ship complete the array.

HUDSON 72-021

1/12500000 EQUATOR

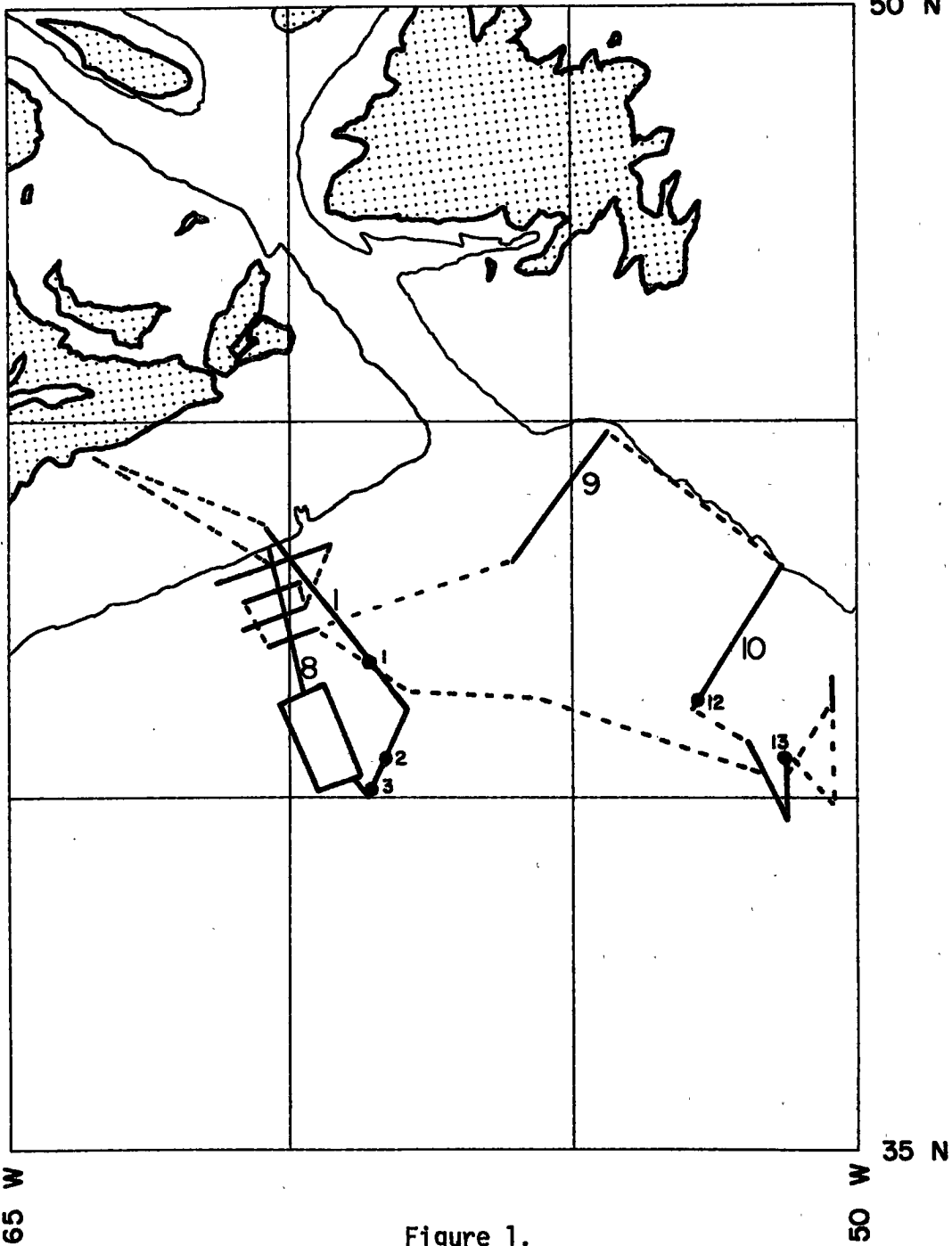


Figure 1.

CSS HUDSON 72-021 Track Chart.
Small numbers are the sonobuoy positions,
Large numbers are the reflection lines.

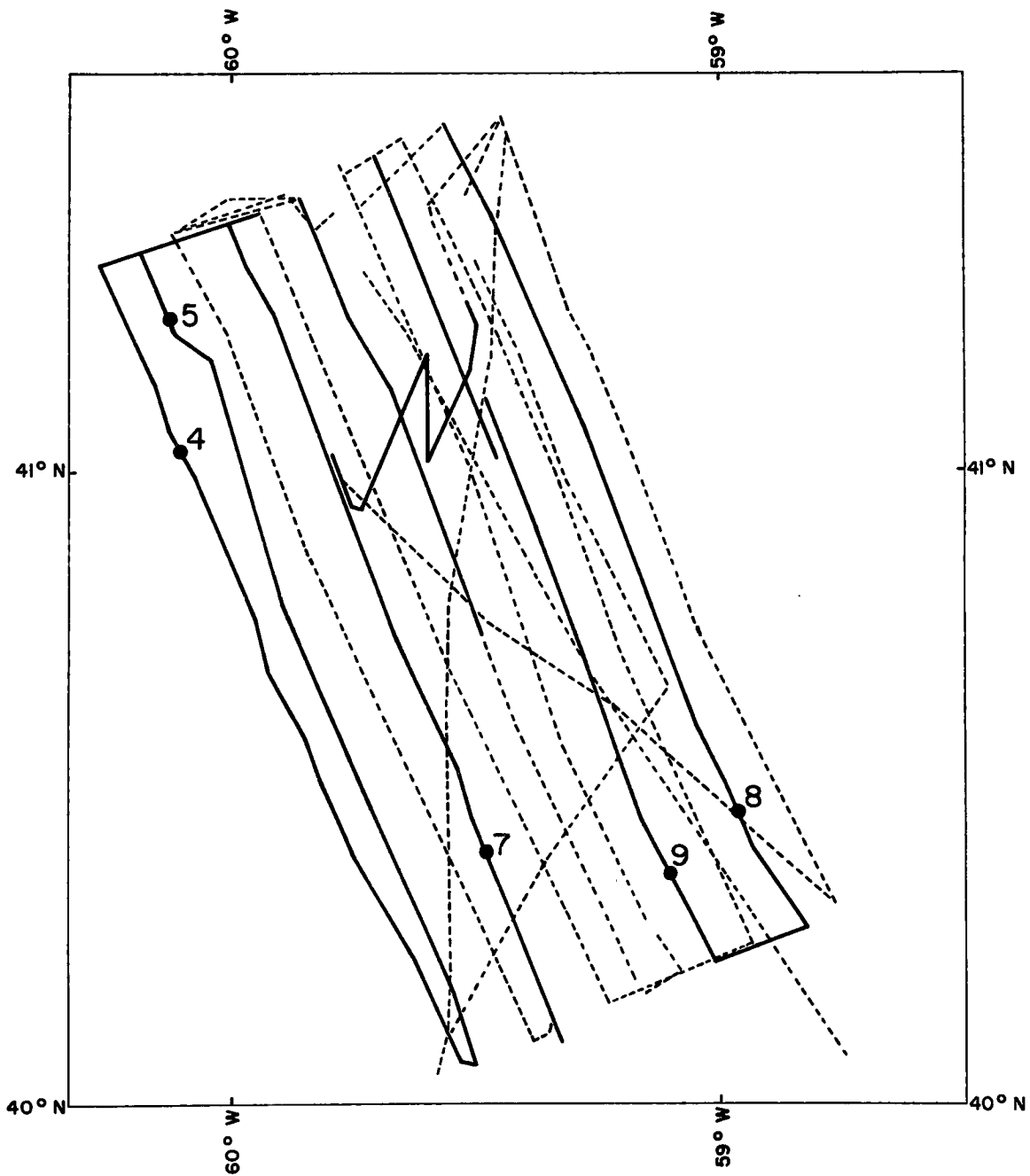
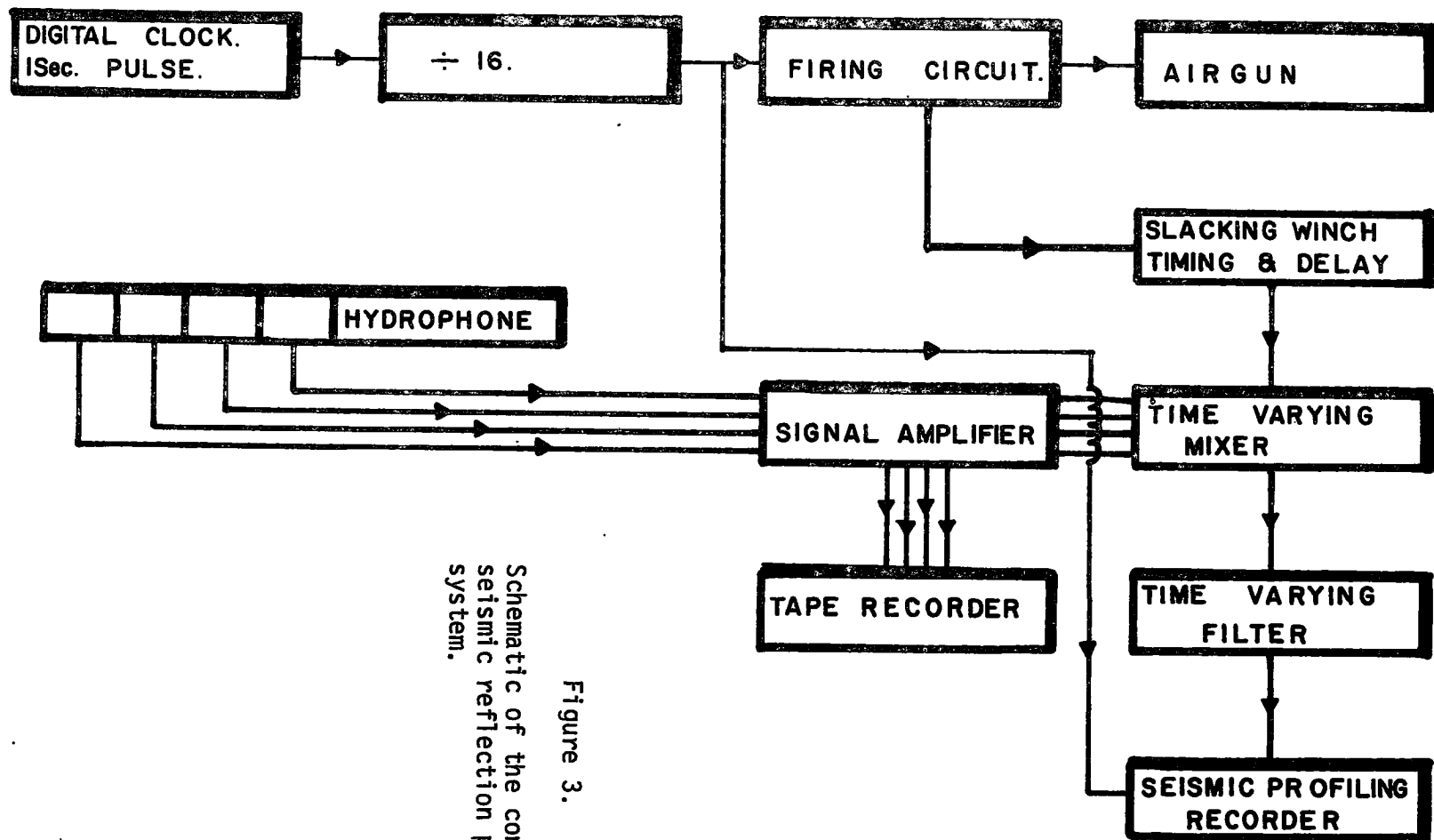


Figure 2.

CSS HUDSON survey area Track Chart.
This is the area enclosed within the rectangle in Figure 1.

SEISMIC REFLECTION PROFILING SYSTEM.

BLOCK DIAGRAM



Schematic of the continuous seismic reflection profiling system.

Figure 3.

- b) A slacking winch which allows the array to be stopped in the water while signals are being received.
- c) A Bolt model 1500 air gun with pulse shaper and a 1000 cubic inch chamber. The gun was fired every 16-20 seconds at a peak pressure of about 1700 psi.
- d) A four channel Hewlett Packard magnetic tape recorder, each channel corresponding to one of the four sections of the array. The four sections of the array were mixed, using a time varying mixer and the resulting signal was passed through a time varying filter. An EPC dry paper recorder and a Raytheon recorder were used to display the results. The signals were recorded at an 8 second sweep rate.
- e) A Rix air compressor with a capacity of 70 s.c.f.m.

Aquatronics model SP-68 expendable sonobuoys were used in conjunction with the reflection system. These were recorded on magnetic tape and in a dry paper seismic recorder.

2.6 Seismic Refraction

Seismic refraction measurements were carried out using the single-ship sonobuoy technique. The sonobuoys are manufactured by G & E Bradley Ltd. and transmit on a frequency of 27 MHz. They also contain tape recorders and a programmed clock for long range recordings. One or two sonobuoys were deployed at each end of the shot lines which varied in length from 150 to 55 km. Shots from a 1000 cu in Bolt air gun were recorded near each end of the line to define the near surface velocities. Explosive charges were fuse fired at intervals from 5 to 20 minutes along the shot lines. These ranged in size from 25 to 650 lb. The data were recorded on a UV recorder and on analogue magnetic tape.

3. DATA PROCESSING

The total magnetic field in gammas was averaged over ten 6-second magnetic readings centered around each minute. The magnetic anomaly was obtained by subtracting the International Geomagnetic Reference Field (IGRF) from the total magnetic field. No daily variation correction was made.

The observed gravity in mgal was calculated based on the weighted mean of six consecutive one-minute readings. The free-air gravity anomaly was obtained by subtracting the 1930 international theoretical gravity from the observed gravity and adding the Eötvös correction. The simple Bouguer Anomaly (B.A.) is defined as

$$g_{BA} = g_{FA} + 0.041928(D' - D)h$$

where D' and D are the densities of the crust and sea water in gm/cm^3 and h is the water depth in metres.

Gravity data were calculated based on a base calibration at Bedford Institute of Oceanography. The data were compared with previous cruise data for quality control. The accuracy of the data is considered to be good.

The raw data and processed data were stored on magnetic tape and are available in various formats through the computerized Marine Geophysical Data Storage and Retrieval System.

4. SEISMIC DATA

4.1 Reflection

The tracks of the seismic reflection data are shown in figure 1. Photographic copies of each of the recordings are shown in figures 5, 6, 7, 8, 9, 10. The line numbers correspond to the track numbers in figure 1. The positions at which the expendable sonobuoys were launched and the velocities and layer thicknesses are listed in Table 1.

4.2 Refraction

The tracks of the seismic refraction data are given in figure 4. Corrections were applied to the arrival times for variations in water depth and for shot instant delay. Time-distance plots were constructed. They are shown in figures 11, 13, 15, 17, 18. Tables 2 and 2-A list the positions of the ends of the lines and the velocities and layer thicknesses calculated from the time-distance plots. Figures 12, 14, 16 show the gravity and magnetic anomalies and water depth variations along these lines.

5. GRAVITY, MAGNETIC AND BATHYMETRIC DATA

Data presented in this report are of the following three types:

5.1 Navigation Fix

The navigation fixes used for data processing are given in Part A.

5.2 Data Printout

Lists of data at 10-minute intervals are given in Part B.

5.3 Data Profile

Data profiles are given in Part C. The profiles and the corresponding track plot are given in Mercator projection at a scale of 1:1,000,000 suitable for British Admiralty GEBCO Charts. The plots are not reduced.

TABLE 1
EXPENDABLE SONOBUOY RESULTS

No.	Lat.	Long.	Water Depth	Layer 1		Layer 2		Layer 3		Layer 4		Layer 5
				V	H	V	H	V	H	V	H	
1	42.10 ⁰	58.86 ⁰	4.70	2.11	2.03	3.22	1.67	4.32*	1.83	5.36		
3	40.14 ⁰	58.64 ⁰	5.08	2.15	0.75	2.75	2.00	4.95*				
4	41.03 ⁰	60.10	4.88	2.00	2.45	3.90	2.12					
5	41.14 ⁰	60.03 ⁰	4.83	2.00	1.74	2.17	0.41	4.00	1.64	4.70*	2.35	6.25 ⁺
7	40.34 ⁰	59.46 ⁰	5.03	2.00	0.86	2.34	2.22	5.60*				
8	40.46 ⁰	58.96 ⁰	5.14	2.00	1.22	2.65	0.95	4.56*				
9	40.42 ⁰	59.14 ⁰	5.05	2.18	0.92	2.56	1.79	3.85*				
12	41.56 ⁰	52.65 ⁰	5.04	2.11	2.11	3.87	2.46	5.87*				

⁺Questionable velocity. *Oceanic basement.

NOTE: Velocities in km/sec, thickness H in km.

TABLE 2

Line No.	East End		West End		Mean Water Depth (km)	Layer	West End H(km)	East End H(km)	Velocity (km/sec)
	Lat.	Long.	Lat.	Long.					
1	42°37.7'	59°48.8'	42°24.0'	60°36.8'	3.92	1	1.72	1.72	2.0
						2	4.13	8.64	4.20
						3			6.85
2	42°57.6'	59°56.1'	42°40.8'	60°52.9'	3.00	1	0.47	1.23	2.0
						2	8.56	6.01	3.61
						3			7.38
3	42°18.8'	59°33.2'	42°07.1'	60°25.2'	4.23	1	2.39	2.65	2.10
						2	2.19	2.24	4.38
						3	3.60	3.10	5.19
						4	0.52	6.32	6.87
						5			8.48

TABLE 2-A

Line 4	East End		West End		Mean Water Depth (km)	Layer	West End		East End	
	Lat.	Long.	Lat.	Long.			V	H	V	H
	43 ⁰ 27.6'	59 ⁰ 21.1'	42 ⁰ 55.8'	61 ⁰ 19.7'		2.0	2.04	2.0	2.03	
						3.9	4.06	3.6	7.91	
						5.7		4.5	8.56	
								7.8		

NOTE: Line 4 was interpreted as two unreversed profiles.

HUDSON 72-021 REFRACTION

1/2000000 AT 46N

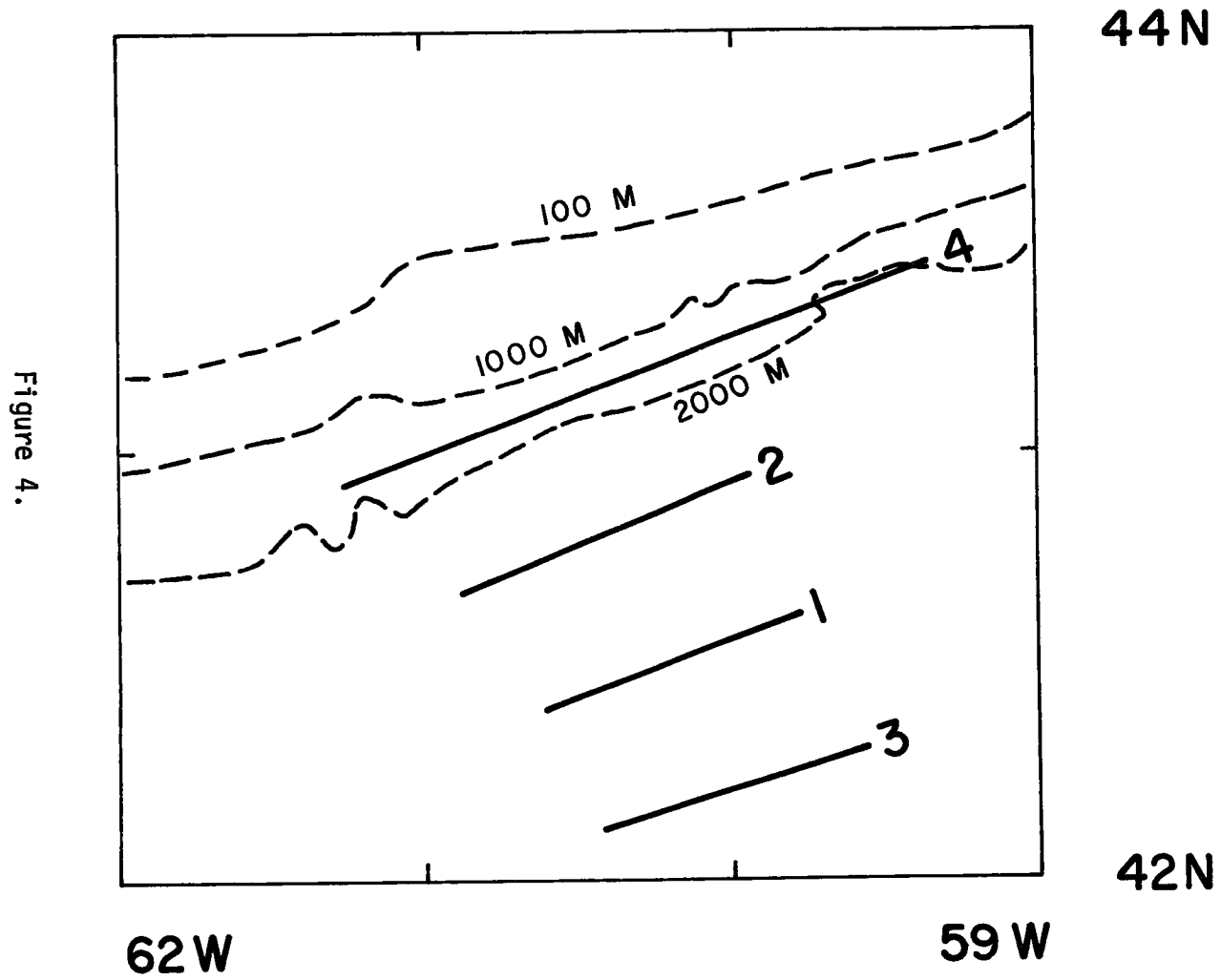


Figure 4.

Seismic Reflection Profiles

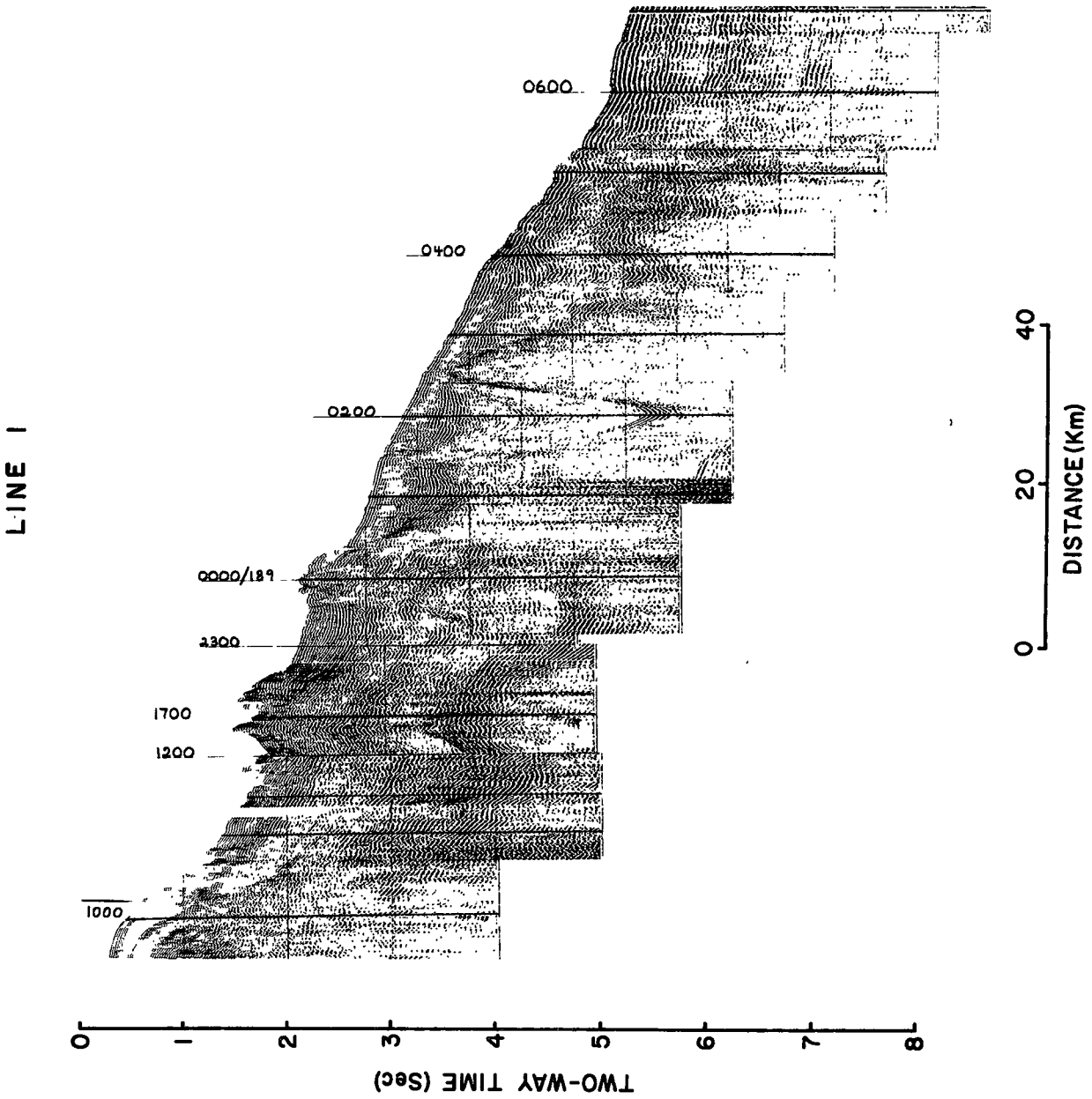
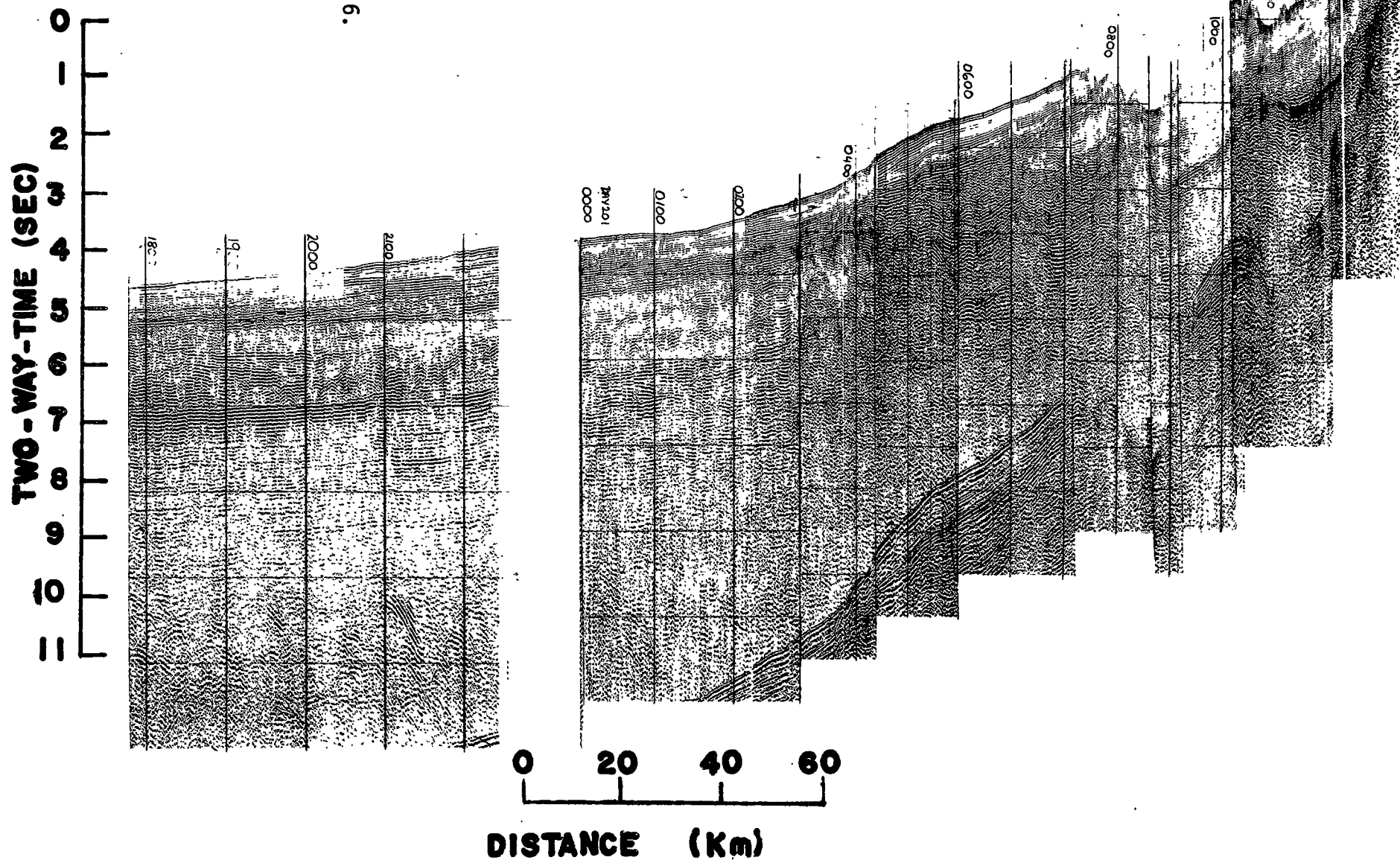


Figure 5.

LINE 8

Figure 6.



LINE 9

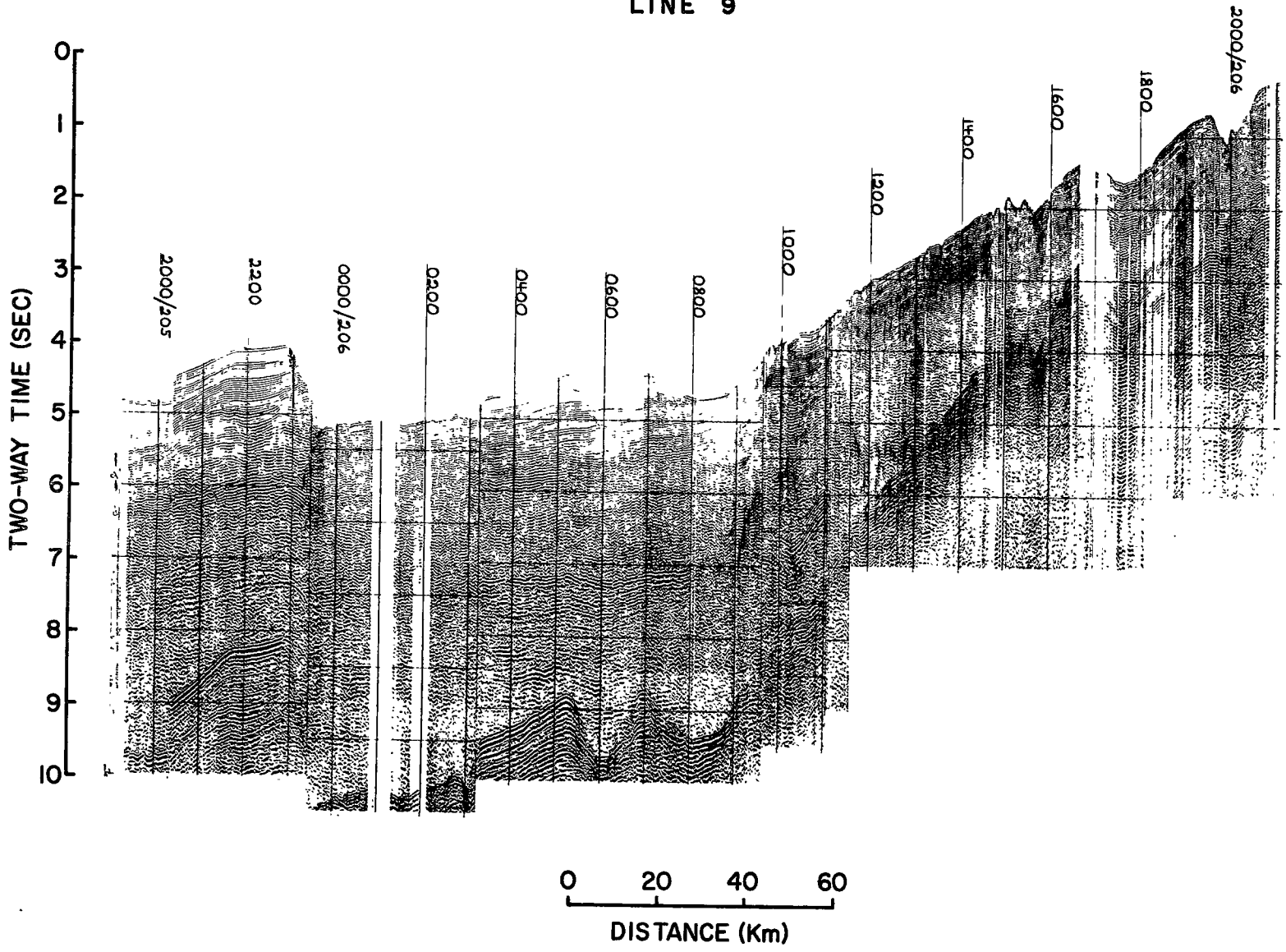


Figure 7.

LINE 10

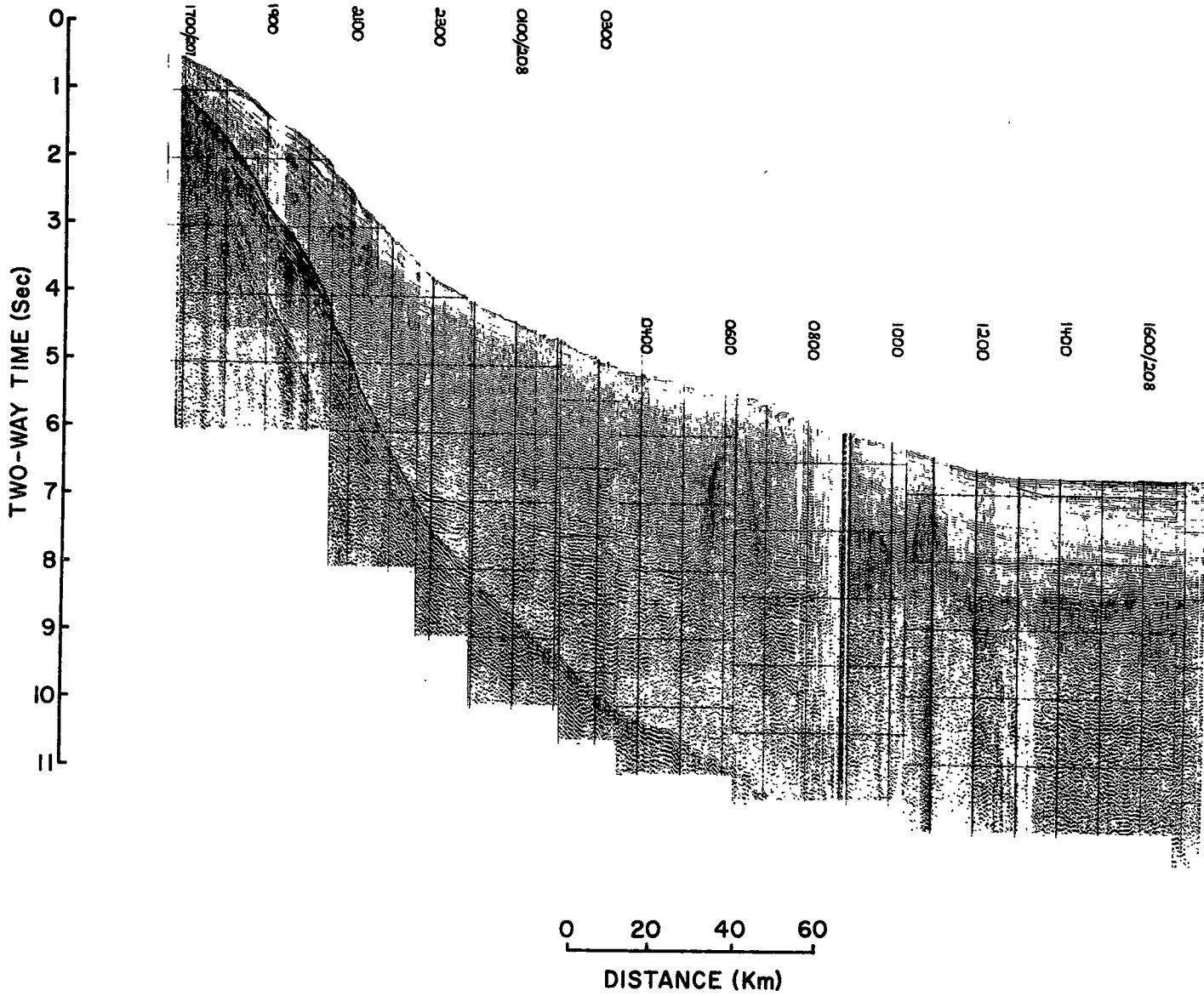


Figure 8.

LINE II

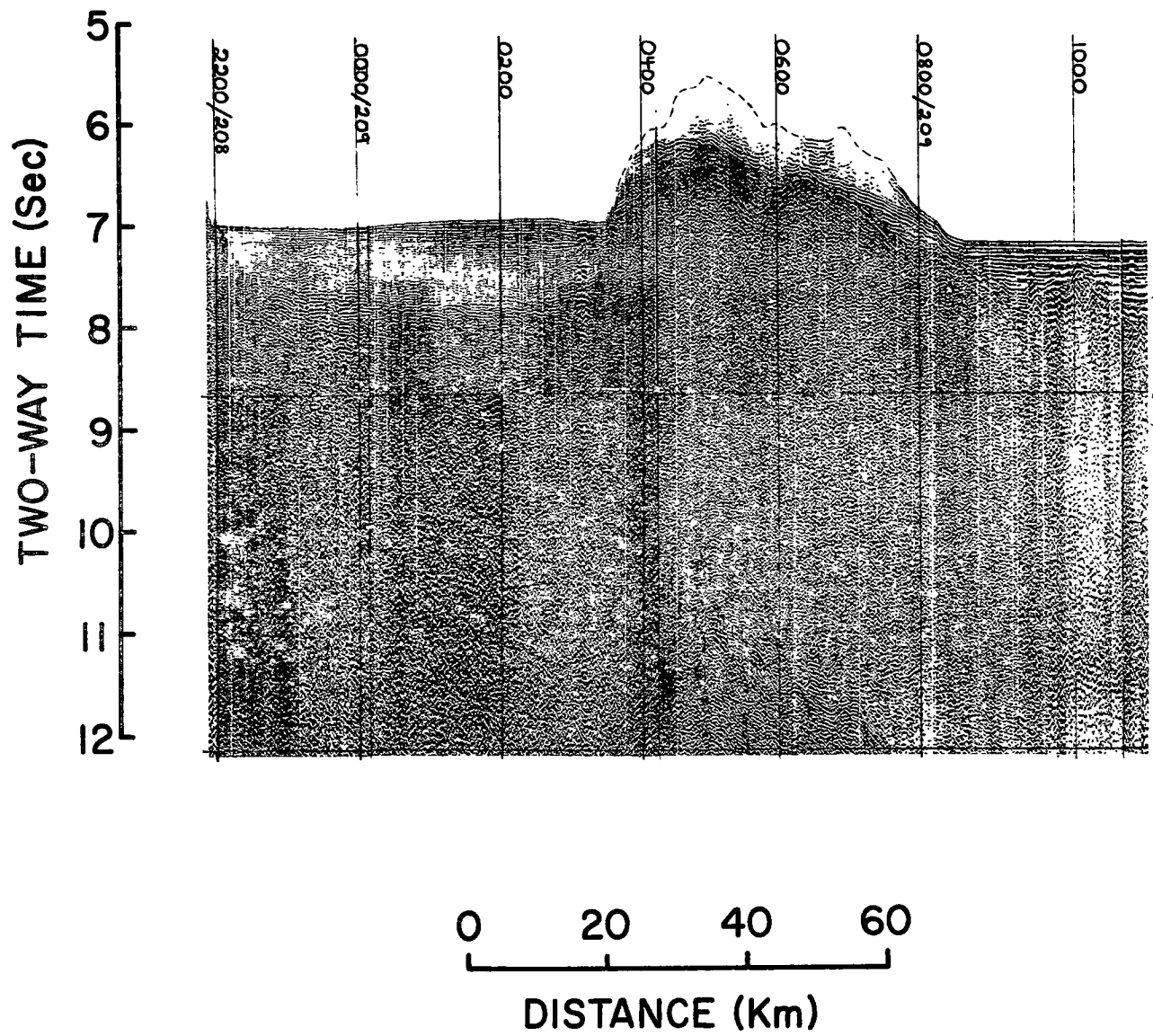


Figure 9.

LINE 11

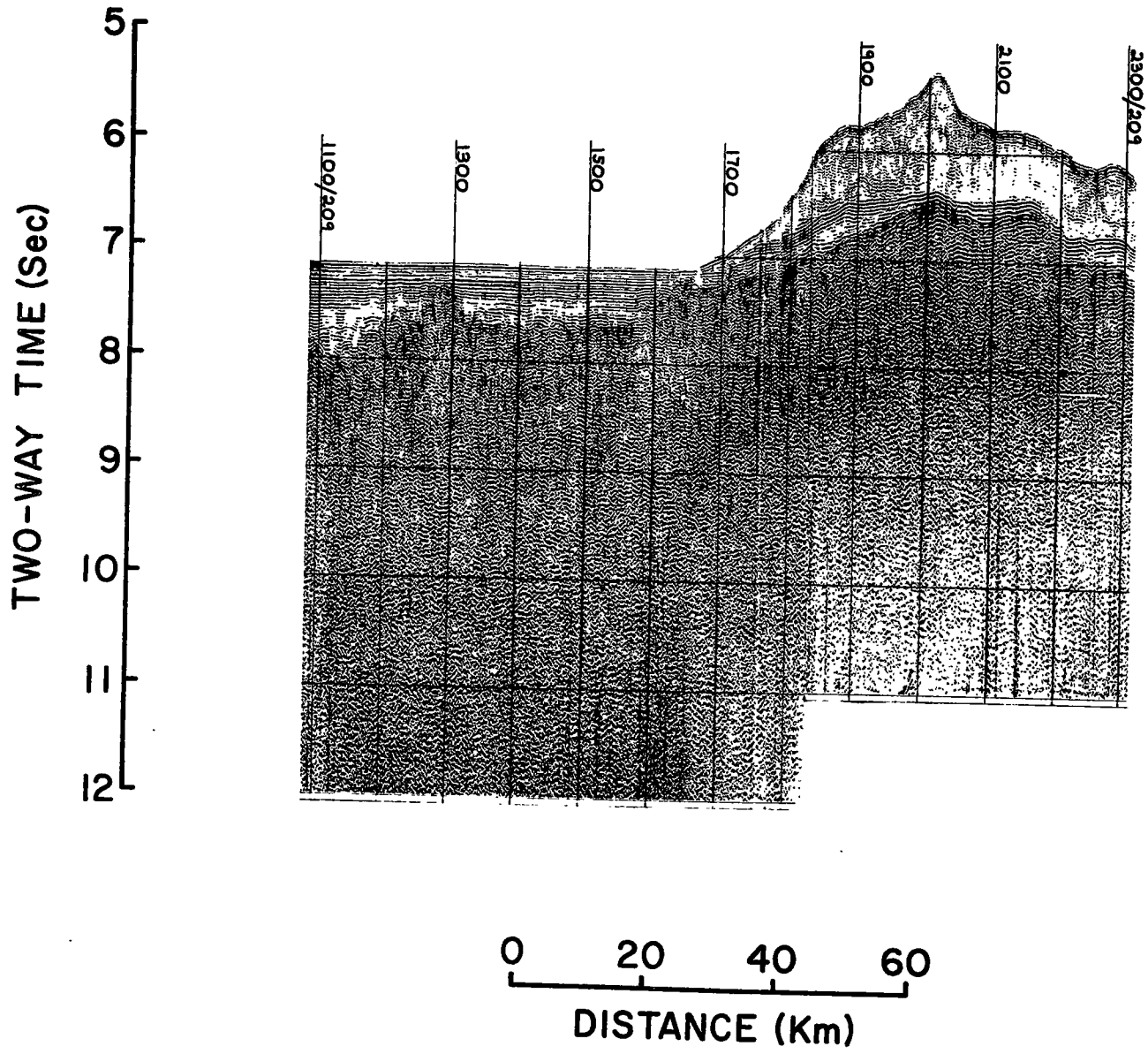


Figure 10.

Seismic Refraction

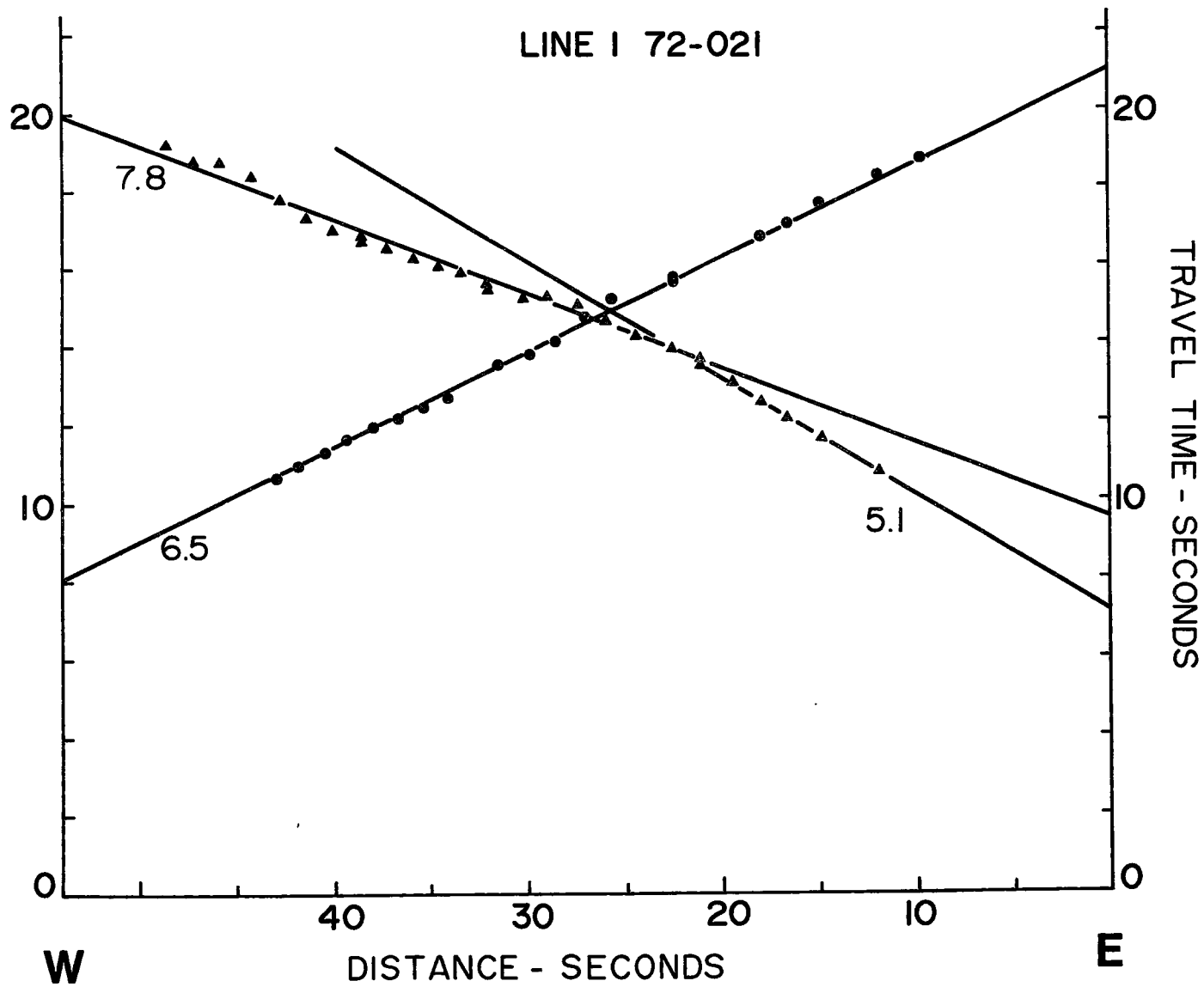


Figure 11.

Figure 12.

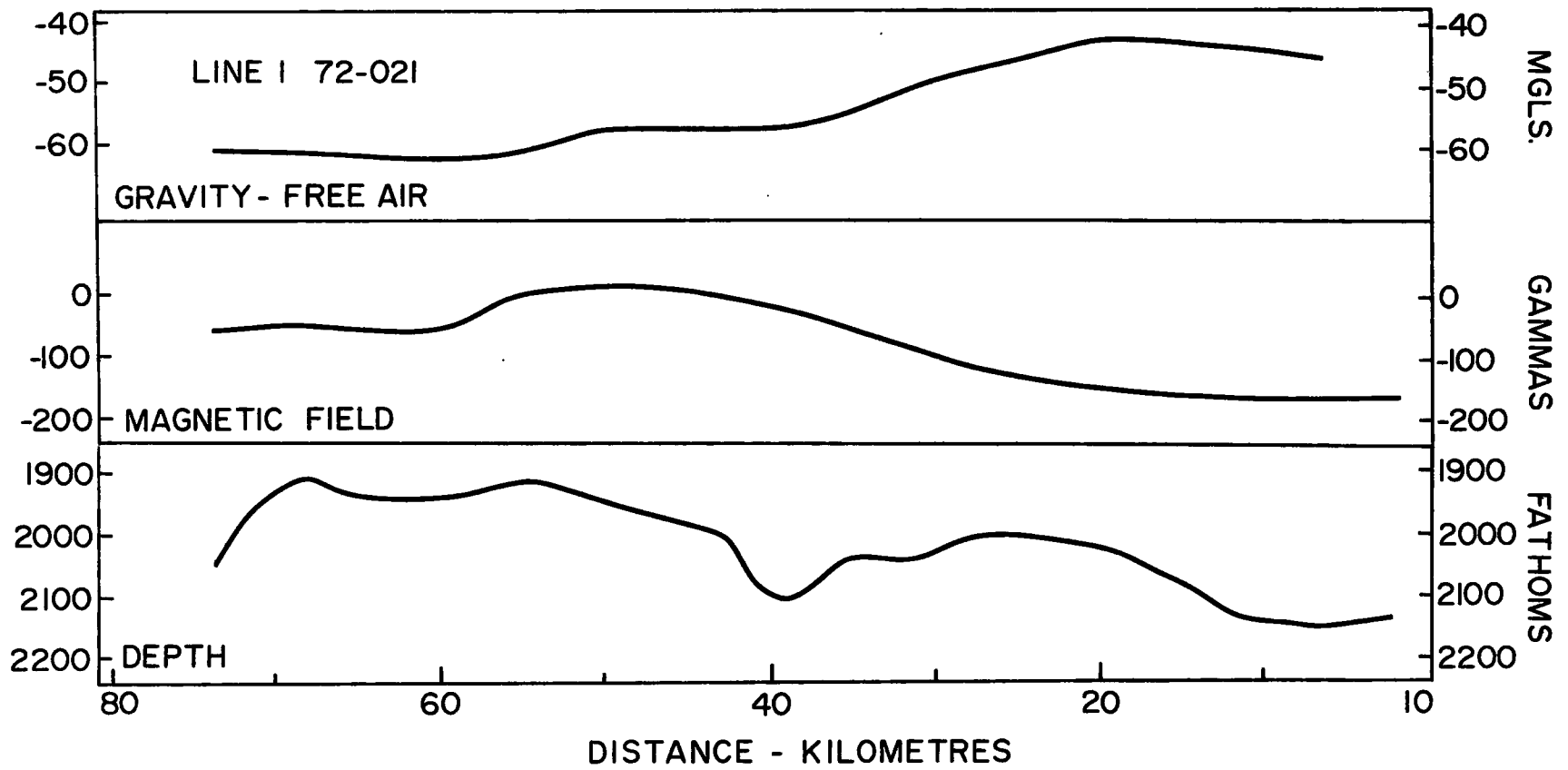


Figure 13.

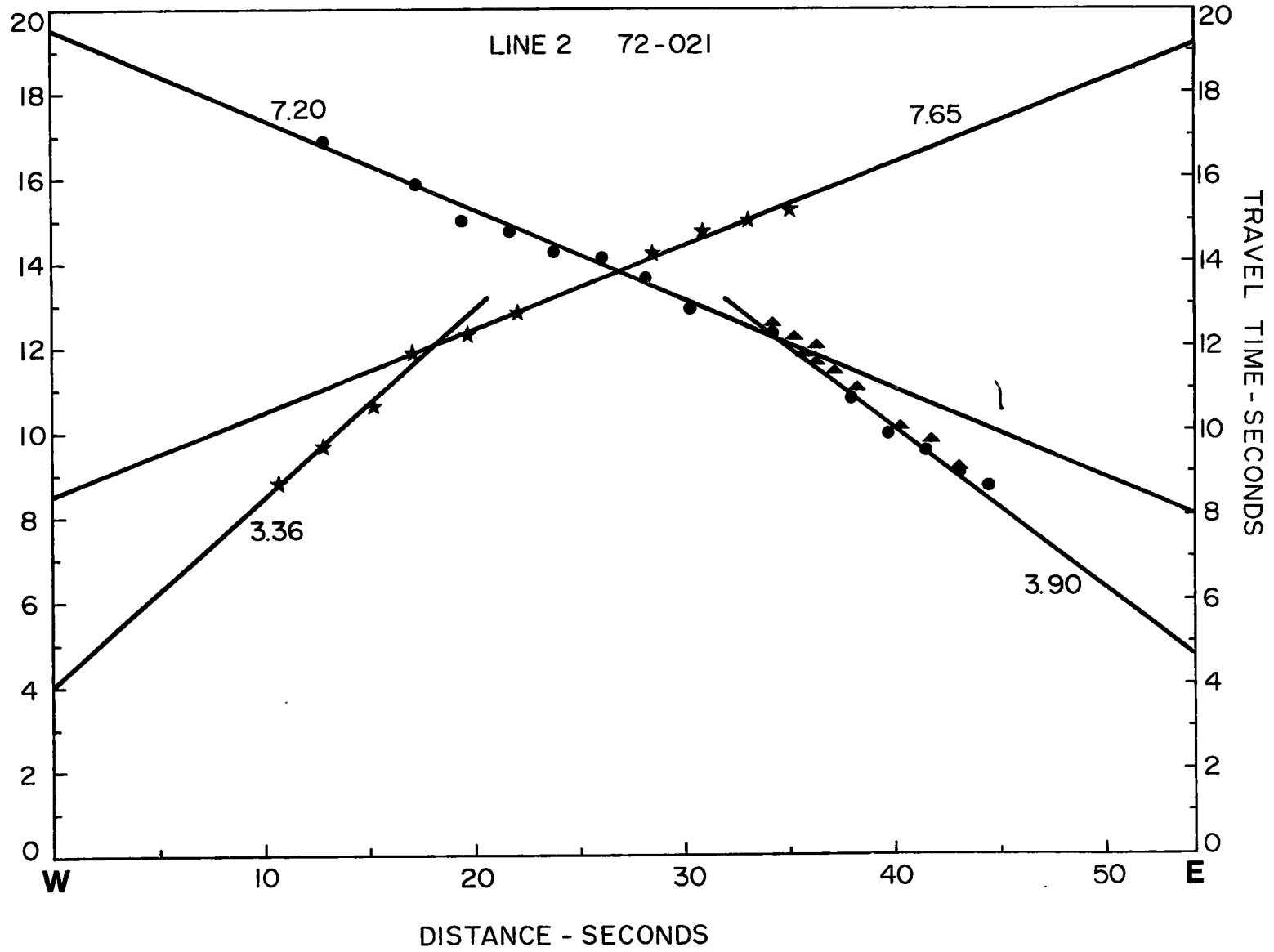


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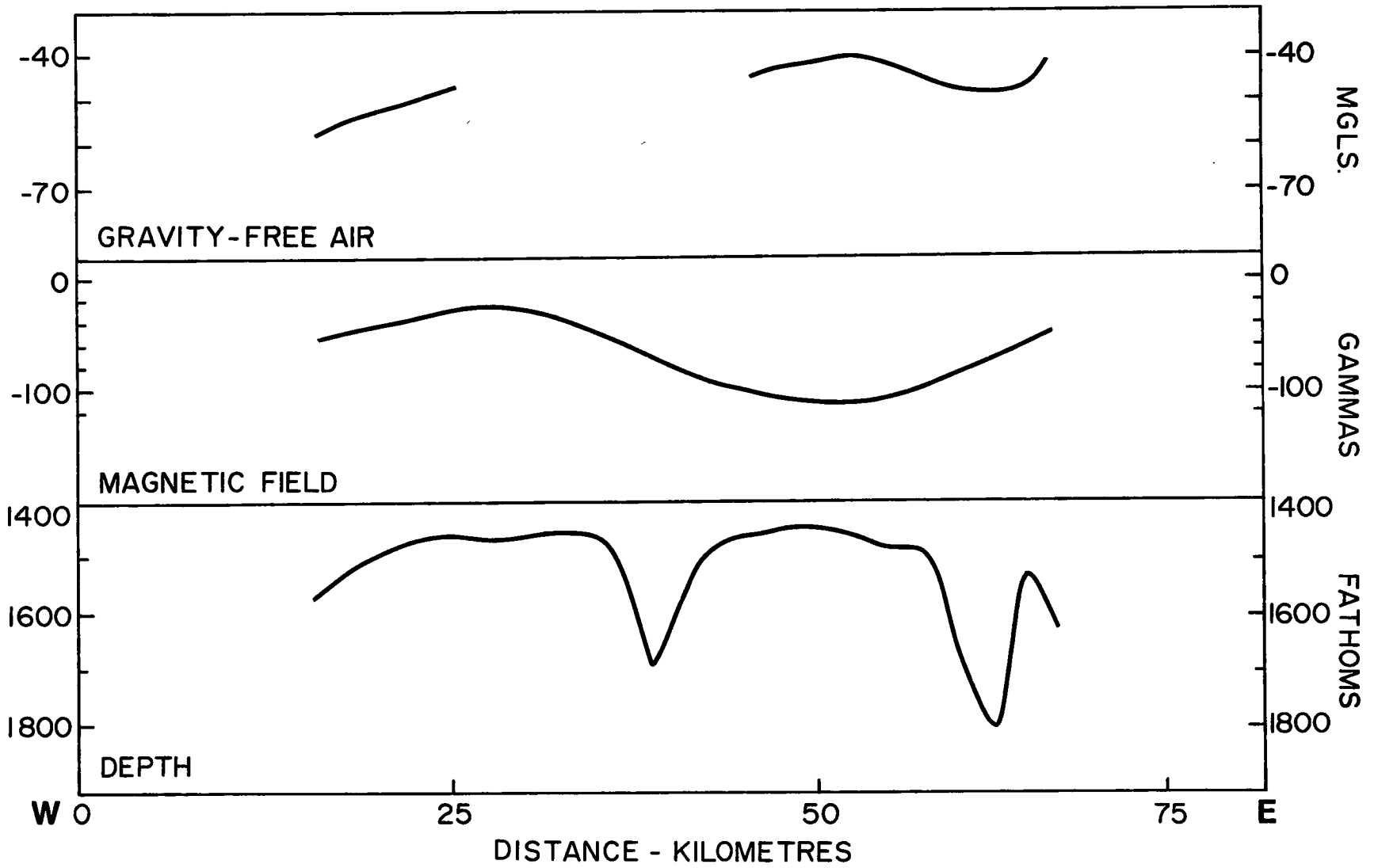


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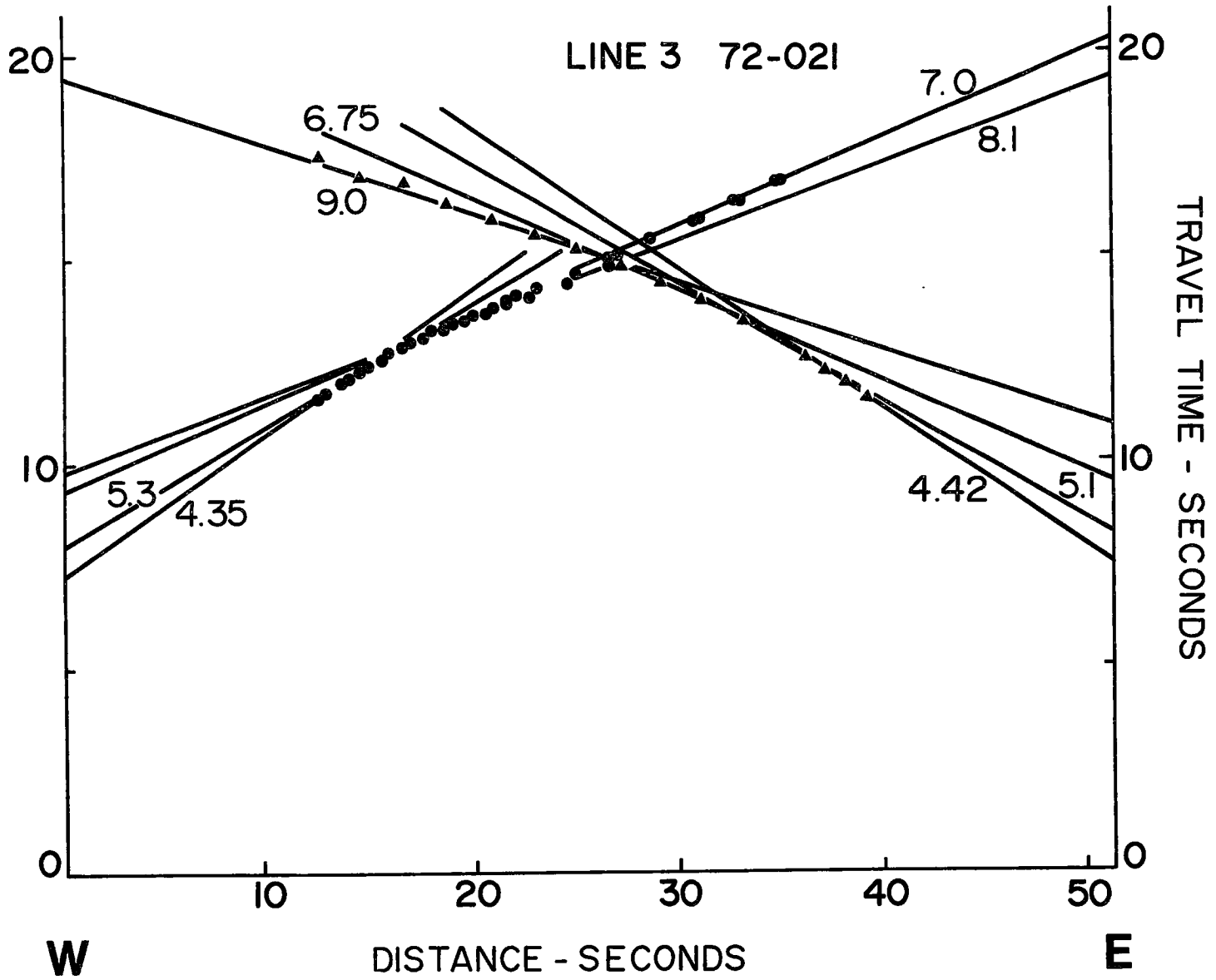
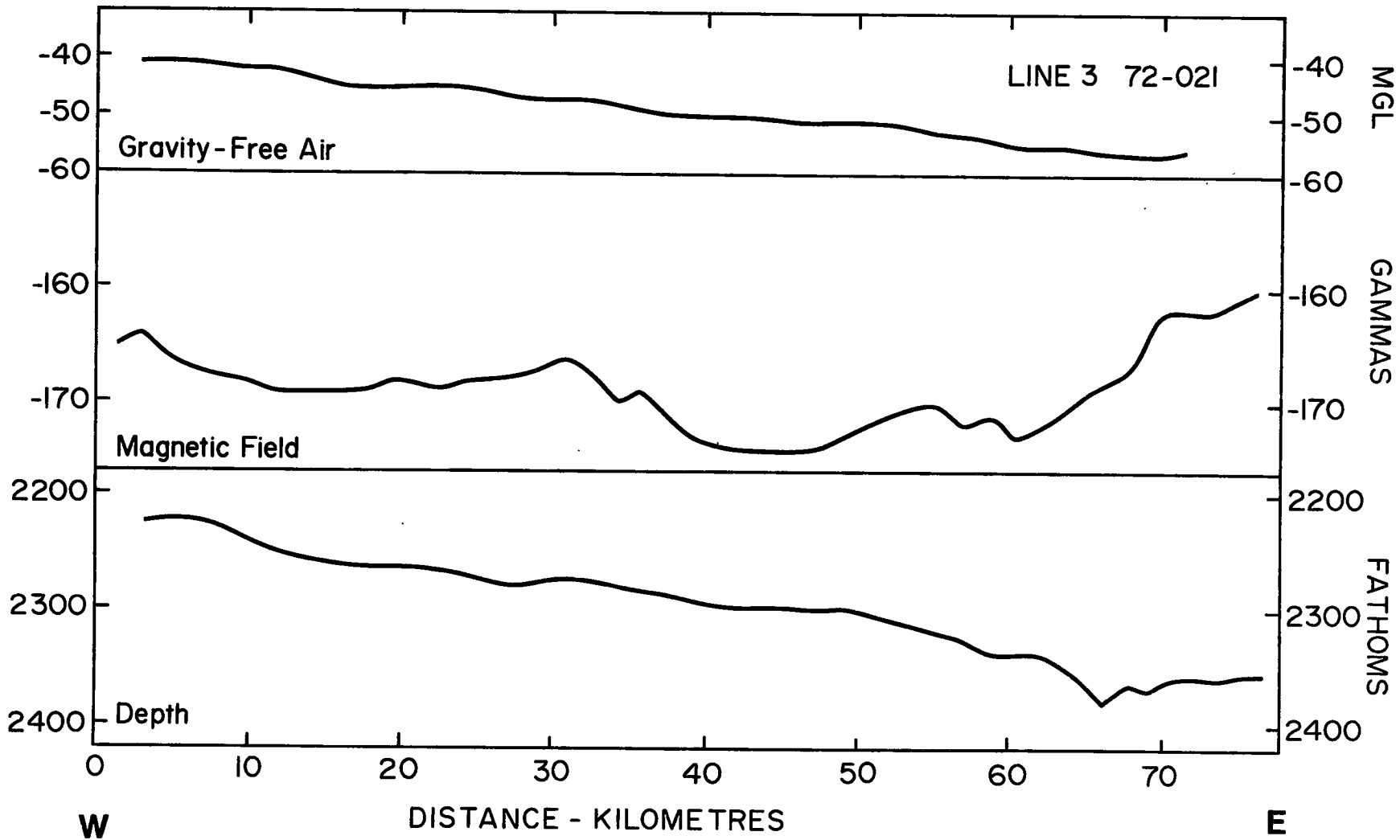


Figure 16.



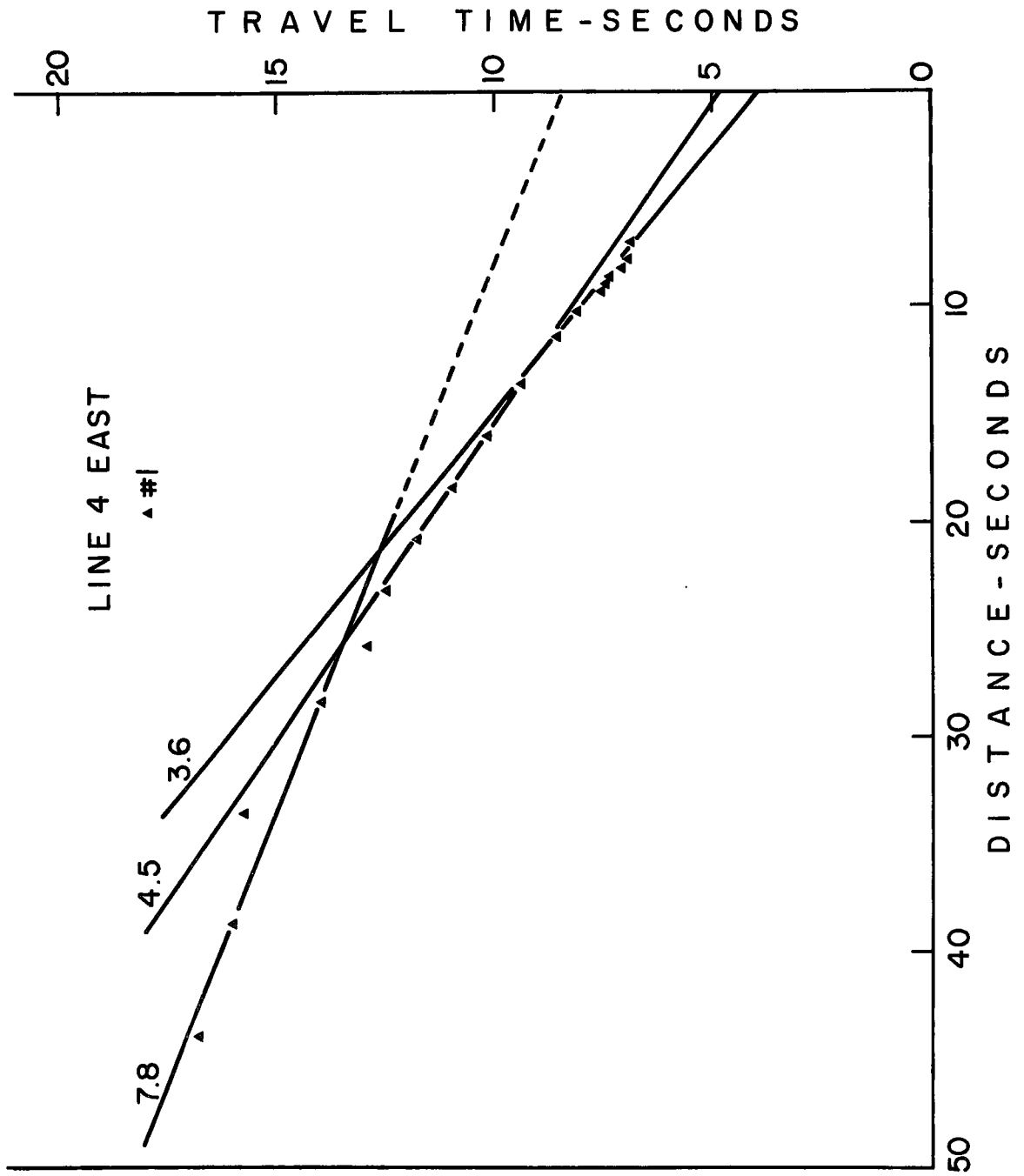


Figure 17.

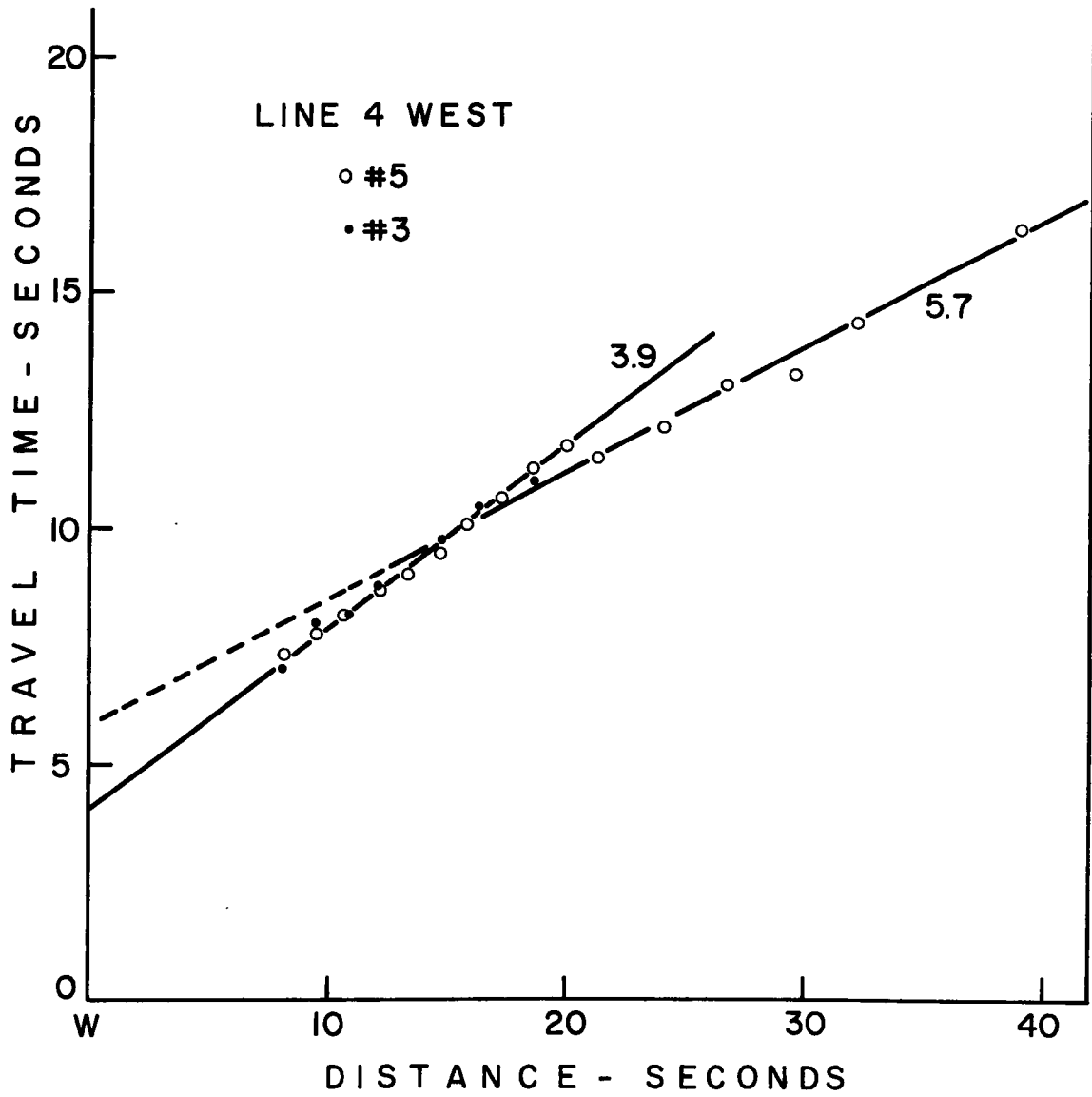


Figure 18.

PART A

NAVIGATION FIX

THE NAVIGATION FIXES ARE LISTED WITH THE FOLLOWING INFORMATION

1. LC IS LINE CODE
2. DAY IS JULIAN DAY
3. TIME IS GMT
4. LATITUDE IN DEGREE AND MINUTE
5. LONGITUDE IN DEGREE AND MINUTE
6. NV IS NAVIGATION CODE
7. SPEED IN KNOTS
8. COURSE IS MEASURED CLOCKWISE FROM NORTH
9. EOTVOS CORRECTION IN MGAL
10. DISTANCE IN KILOMETRES

REMARKS (1) LINE CODE IS DEFINED AS

1 = START FIX OF TRACK

2 = END FIX OF A TRACK

0 OR 3 = FIXES BETWEEN START AND END FIXES OF A TRACK

(2) NAVIGATION CODE IS DEFINED AS

1 = DECCA, LORAN A, AND LORAN B

2 = LORAN C, OMEGA, VLF, DECTRA, ETC.

3 = CELESTIAL (STARS AND PLANETS)

4 = LAN AND SUN LINES

5 = DEAD RECKONING

6 = R.O.F.

7 = VISUAL AND RADAR RANGE AND BEARINGS

8 = SATELLITE NAVIGATION

9 = ACOUSTIC NAVIGATION

NAVIGATION FIX

GSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	187	1800	44 31.1	-63 29.9	7				
3	187	1830	44 29.2	-63 23.2	1	10.3	111.7	51.6	9.5
3	187	1830	44 29.2	-63 23.2	1				
3	187	1900	44 26.8	-63 15.2	1	12.4	112.8	61.8	11.5
3	187	1900	44 26.8	-63 15.2	1				
3	187	2000	44 22.4	-62 58.8	1	12.5	110.6	63.5	23.2
3	187	2100	44 18.2	-62 42.4	1	12.5	109.7	63.6	23.1
3	187	2100	44 18.2	-62 42.4	1				
3	187	2200	44 14.0	-62 25.6	1	12.7	109.2	65.3	23.6
3	187	2200	44 14.0	-62 25.6	1				
3	187	2300	44 10.0	-62 9.0	1	12.6	108.6	64.7	23.3
3	187	2300	44 10.0	-62 9.0	1				
3	187	2330	44 7.9	-62 .8	1	12.5	109.6	64.0	11.6
3	187	2330	44 7.9	-62 .8	1				
3	187	2359	44 5.9	-61 52.9	5	12.5	109.7	64.1	11.2
3	187	2359	44 5.9	-61 52.9	5				
3	188	0	44 5.8	-61 52.6	5	12.9	109.2	66.5	.4
3	188	0	44 5.8	-61 52.6	5				
3	188	20	44 3.9	-61 47.1	8	13.1	115.6	64.5	8.1
3	188	20	44 3.9	-61 47.1	8				
3	188	110	43 59.8	-61 33.4	8	12.8	112.6	64.5	19.8
3	188	110	43 59.8	-61 33.4	8				
3	188	150	43 58.0	-61 22.0	8	12.6	102.4	67.1	15.6
3	188	150	43 58.0	-61 22.0	8				
3	188	205	43 57.8	-61 17.6	1	12.7	93.6	69.1	5.9
3	188	205	43 57.8	-61 17.6	1				
3	188	226	43 57.0	-61 11.6	1	12.6	100.5	67.3	8.1
3	188	226	43 57.0	-61 11.6	1				
3	188	245	43 56.2	-61 6.0	1	13.0	101.2	69.5	7.6
3	188	245	43 56.2	-61 6.0	1				

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EUTVOS	DISTAN (KM)
1	188	14JJ	43 17.4	-6J 9.3	8				
2	188	1445	43 21.4	-60 12.2	5	6.2	329.8	-16.8	8.6
1	188	1530	43 20.4	-60 10.2	5				
3	188	1600	43 18.4	-60 6.5	2	6.7	126.6	29.6	6.2
3	188	16JJ	43 18.4	-6J 6.5	2				
3	188	1646	43 20.5	-60 9.7	2	4.1	312.1	-16.5	5.8
3	188	1646	43 20.5	-60 9.7	2				
3	188	1836	43 13.7	-59 59.6	2	5.5	132.8	22.0	18.6
3	188	1836	43 13.7	-59 59.6	2				
3	188	1900	43 13.4	-60 1.8	2	4.1	259.4	-21.9	3.0
3	188	1900	43 13.4	-60 1.8	2				
3	188	2115	43 23.0	-60 14.0	5	5.8	317.2	-21.4	24.2
3	188	2115	43 23.0	-60 14.0	5				
3	188	2230	43 18.0	-60 9.6	8	4.8	147.4	14.1	11.0
3	188	2230	43 18.0	-60 9.6	8				
3	188	2359	43 11.7	-6J 2.9	5	5.4	142.4	18.1	14.8
3	188	2359	43 11.7	-60 2.9	5				
3	189	30	43 9.5	-60 .6	5	5.4	142.3	18.0	5.1
3	189	30	43 9.5	-60 .6	5				
3	189	1JJ	43 7.2	-59 58.2	8	5.8	142.7	19.3	5.4
3	189	100	43 7.2	-59 58.2	8				
3	189	230	43 .3	-59 50.7	8	5.9	141.5	20.2	16.3
3	189	230	43 .3	-59 50.7	8				
3	189	300	42 58.0	-59 48.2	8	5.9	141.5	20.2	5.4
3	189	300	42 58.0	-59 48.2	8				
3	189	400	42 53.2	-59 42.7	8	6.3	140.0	22.3	11.6
3	189	4JJ	42 53.2	-59 42.7	8				
3	189	700	42 39.3	-59 24.7	8	6.4	136.5	24.4	35.5
3	189	700	42 39.3	-59 24.7	8				
2	189	808	42 34.8	-59 18.6	2	5.6	135.1	22.0	11.8

NAVIGATION FIX

CSS HUDSON 72-J21

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	189	920	42 36.4	-59 23.7	2				
3	189	1000	42 33.5	-59 22.7	2	4.5	165.8	6.2	5.5
3	189	1000	42 33.5	-59 22.7	2				
3	189	1130	42 25.2	-59 15.9	2	6.5	148.9	18.7	18.0
3	189	1130	42 25.2	-59 15.9	2				
3	189	1330	42 16.7	-59 5.2	5	5.8	137.1	22.1	21.5
3	189	1330	42 16.7	-59 5.2	5				
3	189	1500	42 11.0	-58 56.6	8	5.7	131.8	23.7	15.8
3	189	1500	42 11.0	-58 56.6	8				
3	189	1530	42 8.7	-58 54.1	5	5.9	141.1	20.8	5.5
3	189	1530	42 8.7	-58 54.1	5				
3	189	1600	42 6.4	-58 51.7	5	5.8	142.3	20.0	5.4
3	189	1600	42 6.4	-58 51.7	5				
3	189	1700	42 1.6	-58 47.1	8	5.9	144.6	19.2	10.9
3	189	1700	42 1.6	-58 47.1	8				
3	189	2000	41 47.8	-58 34.0	8	5.6	144.8	18.3	31.3
3	189	2000	41 47.8	-58 34.0	8				
3	189	2200	41 39.4	-58 25.6	8	5.2	143.3	17.7	19.4
3	189	2200	41 39.4	-58 25.6	8				
3	189	2359	41 31.1	-58 15.5	5	5.7	137.7	21.6	20.9
3	189	2359	41 31.1	-58 15.5	5				
3	190	0	41 31.0	-58 15.4	5	5.9	139.4	21.7	.2
3	190	0	41 31.0	-58 15.4	5				
3	190	200	41 22.8	-58 5.2	8	5.6	137.0	21.6	20.8
3	190	200	41 22.8	-58 5.2	8				
3	190	330	41 15.0	-57 58.0	8	6.3	145.3	20.5	17.6
3	190	330	41 15.0	-57 58.0	8				
3	190	530	41 4.0	-58 4.0	5	5.9	202.3	-12.6	22.0
3	190	530	41 4.0	-58 4.0	5				
3	190	600	41 .4	-58 6.0	5	7.8	202.7	-16.8	7.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	19J	6J0	41 .4	-58 6.0	5				
3	190	700	40 53.2	-58 10.0	8	7.8	202.8	-16.9	14.5
3	190	700	40 53.2	-58 10.0	8				
3	19J	83J	4J 42.9	-58 16.7	5	7.7	206.2	-19.0	21.3
3	190	830	40 42.9	-58 16.7	5				
3	190	1000	40 32.4	-58 23.0	8	7.7	204.5	-17.9	21.4
3	190	1000	40 32.4	-58 23.0	8				
3	19J	1J3J	4J 29.0	-58 24.4	5	7.1	197.4	-11.9	6.6
3	190	1030	40 29.0	-58 24.4	5				
3	190	1100	40 26.0	-58 25.3	5	6.2	192.9	-7.7	5.7
3	190	1100	40 26.0	-58 25.3	5				
3	190	1130	40 22.9	-58 26.2	8	6.4	192.5	-7.7	5.9
3	190	1130	40 22.9	-58 26.2	8				
3	190	1200	40 19.8	-58 27.0	8	6.3	191.1	-6.8	5.9
3	19J	12J0	4J 19.8	-58 27.0	8				
3	190	1230	40 17.2	-58 29.0	5	6.0	210.4	-17.3	5.6
3	190	1230	40 17.2	-58 29.0	5				
3	190	1330	40 12.4	-58 33.6	8	5.9	216.2	-20.0	11.0
3	19J	133J	4J 12.4	-58 33.6	8				
3	190	1400	40 10.0	-58 35.8	8	5.9	215.0	-19.1	5.4
3	190	1400	40 10.0	-58 35.8	8				
3	190	1536	40 4.0	-58 43.9	2	5.4	225.9	-22.1	16.0
3	19J	1536	40 4.0	-58 43.9	2				
3	190	1555	40 5.3	-58 45.2	5	5.1	321.3	-18.4	3.0
3	190	1555	40 5.3	-58 45.2	5				
3	190	1610	40 7.9	-58 47.5	2	12.6	326.6	-39.2	5.8
3	190	1610	40 7.9	-58 47.5	2				
3	190	1930	40 43.0	-59 17.8	8	12.6	326.7	-38.9	77.8
3	190	1930	40 43.0	-59 17.8	8				
3	19J	21J0	4J 59.0	-59 28.4	8	11.9	333.4	-29.8	33.2
3	190	2100	40 59.0	-59 28.4	8				

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	190	2100	40 59.0	-59 28.4	8				
3	190	2200	41 9.8	-59 35.4	5	12.0	334.0	-29.3	22.3
3	190	2200	41 9.8	-59 35.4	5				
2	190	2300	41 19.0	-59 44.0	8	11.2	324.9	-36.0	20.8
1	191	300	41 28.6	-59 46.9	2				
3	191	320	41 24.8	-59 44.7	2	12.4	156.5	28.5	7.7
3	191	320	41 24.8	-59 44.7	2				
3	191	400	41 17.2	-59 40.6	2	12.3	158.0	26.6	15.2
3	191	400	41 17.2	-59 40.6	2				
3	191	420	41 13.6	-59 37.9	2	12.4	150.6	35.0	7.7
3	191	420	41 13.6	-59 37.9	2				
3	191	440	41 9.9	-59 35.9	2	12.0	157.9	26.1	7.4
3	191	440	41 9.9	-59 35.9	2				
3	191	500	41 6.1	-59 34.0	2	12.2	159.4	24.9	7.5
3	191	500	41 6.1	-59 34.0	2				
3	191	520	41 2.4	-59 32.0	2	12.0	157.8	26.2	7.4
3	191	520	41 2.4	-59 32.0	2				
3	191	540	40 58.7	-59 30.2	2	11.8	159.8	23.7	7.3
3	191	540	40 58.7	-59 30.2	2				
3	191	600	40 54.9	-59 28.7	2	11.9	163.4	19.9	7.3
3	191	600	40 54.9	-59 28.7	2				
3	191	620	40 51.2	-59 27.3	2	11.6	164.0	18.6	7.1
3	191	620	40 51.2	-59 27.3	2				
3	191	640	40 47.4	-59 26.0	2	11.8	165.5	17.3	7.3
3	191	640	40 47.4	-59 26.0	2				
3	191	700	40 43.8	-59 24.0	2	11.7	157.2	26.4	7.2
3	191	700	40 43.8	-59 24.0	2				
3	191	800	40 32.8	-59 18.4	2	11.8	158.9	24.8	21.8
3	191	800	40 32.8	-59 18.4	2				
3	191	840	40 25.8	-59 14.4	2	11.5	156.5	26.6	14.1

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	191	840	40 25.8	-59 14.4	2				
3	191	900	40 22.4	-59 12.4	2	11.2	155.9	26.6	6.9
3	191	900	40 22.4	-59 12.4	2				
3	191	920	40 19.1	-59 10.4	2	10.9	155.2	26.7	6.7
3	191	920	40 19.1	-59 10.4	2				
3	191	940	40 15.9	-59 7.9	2	11.2	149.2	33.3	6.9
3	191	940	40 15.9	-59 7.9	2				
2	191	1000	40 12.7	-59 4.8	2	11.9	143.5	41.3	7.4
1	191	1108	40 11.1	-59 10.3	2				
3	191	1136	40 16.5	-59 13.2	2	12.5	337.7	-26.5	10.8
3	191	1136	40 16.5	-59 13.2	2				
3	191	1148	40 18.9	-59 14.6	2	13.1	336.0	-29.9	4.9
3	191	1148	40 18.9	-59 14.6	2				
3	191	1212	40 23.8	-59 17.6	2	13.5	335.0	-31.9	10.0
3	191	1212	40 23.8	-59 17.6	2				
3	191	1224	40 26.1	-59 19.1	2	12.8	333.6	-32.0	4.8
3	191	1224	40 26.1	-59 19.1	2				
3	191	1300	40 33.3	-59 23.4	2	13.2	335.6	-30.4	14.7
3	191	1300	40 33.3	-59 23.4	2				
3	191	1312	40 35.7	-59 24.8	2	13.1	336.1	-29.6	4.9
3	191	1312	40 35.7	-59 24.8	2				
3	191	1324	40 38.0	-59 26.0	2	12.4	338.4	-25.3	4.6
3	191	1324	40 38.0	-59 26.0	2				
2	191	1355	40 44.2	-59 29.1	5	12.8	339.2	-25.2	12.3
1	191	1400	40 44.8	-59 29.4	2				
3	191	1420	40 46.6	-59 30.1	2	5.6	343.6	-8.9	3.5
3	191	1420	40 46.6	-59 30.1	2				
3	191	1440	40 48.4	-59 31.0	2	5.8	339.3	-11.5	3.6
3	191	1440	40 48.4	-59 31.0	2				
3	191	1520	40 52.0	-59 33.0	2	5.9	337.2	-12.7	7.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	191	1520	40 52.0	-59 33.0	2				
3	191	1540	40 53.9	-59 34.0	2	6.1	338.3	-12.7	3.8
3	191	1540	40 53.9	-59 34.0	2				
3	191	1600	40 55.8	-59 35.0	2	6.1	338.3	-12.7	3.8
3	191	1640	40 59.6	-59 36.9	2	6.1	339.3	-12.0	7.5
3	191	1640	40 59.6	-59 36.9	2				
3	191	1700	41 1.6	-59 37.9	2	6.4	339.3	-12.7	4.0
3	191	1720	41 3.5	-59 38.9	2	6.1	338.3	-12.7	3.8
3	191	1720	41 3.5	-59 38.9	2				
3	191	1820	41 7.3	-59 40.7	2	4.0	340.4	-7.6	7.5
3	191	1820	41 7.3	-59 40.7	2				
3	191	1840	41 8.7	-59 41.5	2	4.6	336.7	-10.1	2.8
3	191	1840	41 8.7	-59 41.5	2				
3	191	1900	41 10.0	-59 42.4	2	4.4	332.5	-11.4	2.7
3	191	1900	41 10.0	-59 42.4	2				
3	191	1940	41 13.1	-59 45.0	2	5.5	327.7	-16.5	6.8
3	191	1940	41 13.1	-59 45.0	2				
3	191	2000	41 14.8	-59 46.1	2	5.7	334.1	-13.9	3.5
3	191	2000	41 14.8	-59 46.1	2				
3	191	2020	41 16.5	-59 47.0	2	5.5	338.3	-11.3	3.4
3	191	2020	41 16.5	-59 47.0	2				
3	191	2040	41 18.2	-59 47.8	2	5.4	340.5	-10.0	3.3
3	191	2040	41 18.2	-59 47.8	2				
3	191	2140	41 23.0	-59 50.3	2	5.2	338.6	-10.5	9.5
3	191	2140	41 23.0	-59 50.3	2				
3	191	2200	41 24.6	-59 51.3	2	5.3	334.9	-12.6	3.3
3	191	2200	41 24.6	-59 51.3	2				
3	191	2220	41 26.0	-59 52.4	2	4.9	329.5	-13.8	3.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	191	2220	41 26.0	-59 52.4	2				
2	191	2300	41 24.9	-59 55.7	2	4.1	246.0	-20.8	5.0
1	192	440	41 25.2	-59 51.1	2				
3	192	520	41 24.2	-59 55.5	2	5.2	253.1	-27.8	6.4
3	192	520	41 24.2	-59 55.5	2				
3	192	600	41 23.2	-60 0	2	5.3	253.5	-28.4	6.5
3	192	600	41 23.2	-60 0	2				
3	192	620	41 22.7	-60 2.4	2	5.6	254.5	-30.3	3.5
3	192	620	41 22.7	-60 2.4	2				
3	192	640	41 22.1	-60 4.7	2	5.5	250.8	-29.0	3.4
3	192	640	41 22.1	-60 4.7	2				
3	192	700	41 21.6	-60 6.9	2	5.2	253.2	-27.8	3.2
3	192	700	41 21.6	-60 6.9	2				
3	192	800	41 19.7	-60 14.0	2	5.7	250.4	-29.9	10.5
3	192	800	41 19.7	-60 14.0	2				
3	192	820	41 19.0	-60 16.3	2	5.6	247.9	-29.1	3.5
3	192	820	41 19.0	-60 16.3	2				
3	192	840	41 17.3	-60 15.2	2	5.7	154.1	14.1	3.5
3	192	840	41 17.3	-60 15.2	2				
3	192	940	41 12.4	-60 12.0	2	5.5	153.8	13.7	10.1
3	192	940	41 12.4	-60 12.0	2				
3	192	1000	41 10.7	-60 11.0	2	5.6	156.1	12.9	3.4
3	192	1000	41 10.7	-60 11.0	2				
3	192	1020	41 8.9	-60 10.0	2	5.9	157.3	12.9	3.6
3	192	1020	41 8.9	-60 10.0	2				
3	192	1040	41 7.2	-60 9.0	2	5.6	156.1	12.9	3.4
3	192	1040	41 7.2	-60 9.0	2				
3	192	1100	41 5.5	-60 8.4	2	5.3	165.1	7.8	3.3
3	192	1100	41 5.5	-60 8.4	2				
3	192	1120	41 3.9	-60 7.8	2	5.0	164.2	7.8	3.1

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE		LONGITUDE		NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	192	1120	41	3.9	-60	7.8	2				
3	192	1140	41	2.2	-60	6.8	2	5.6	156.1	12.9	3.4
3	192	1140	41	2.2	-60	6.8	2				
3	192	1200	41	.6	-60	5.5	2	5.6	148.5	16.8	3.5
3	192	1200	41	.6	-60	5.5	2				
3	192	1230	40	58.1	-60	3.4	2	5.9	147.6	18.1	5.5
3	192	1230	40	58.1	-60	3.4	2				
3	192	1300	40	55.6	-60	2.2	2	5.3	160.1	10.4	4.9
3	192	1300	40	55.6	-60	2.2	2				
3	192	1340	40	52.2	-60	.6	2	5.4	160.4	11.4	6.7
3	192	1340	40	52.2	-60	.6	2				
3	192	1400	40	50.7	-60	0	2	4.7	163.2	7.8	2.9
3	192	1400	40	50.7	-60	0	2				
3	192	1430	40	48.6	-59	58.9	2	4.5	158.4	9.5	4.2
3	192	1430	40	48.6	-59	58.9	2				
3	192	1500	40	46.4	-59	57.8	2	4.7	159.3	9.6	4.4
3	192	1500	40	46.4	-59	57.8	2				
3	192	1520	40	45.0	-59	57.2	2	4.4	162.0	7.8	2.7
3	192	1520	40	45.0	-59	57.2	2				
3	192	1540	40	43.7	-59	56.6	2	4.1	160.7	7.8	2.6
3	192	1540	40	43.7	-59	56.6	2				
3	192	1600	40	42.4	-59	56.1	2	4.1	163.7	6.5	2.5
3	192	1600	40	42.4	-59	56.1	2				
3	192	1620	40	41.1	-59	55.7	2	4.0	166.9	5.2	2.5
3	192	1620	40	41.1	-59	55.7	2				
3	192	1640	40	40.0	-59	55.0	2	3.7	154.2	9.1	2.3
3	192	1640	40	40.0	-59	55.0	2				
3	192	1700	40	38.9	-59	54.1	2	3.9	148.2	11.7	2.4
3	192	1700	40	38.9	-59	54.1	2				
3	192	1720	40	37.5	-59	52.9	2	5.0	147.0	15.7	3.1

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	192	1720	40 37.5	-59 52.9	2				
3	192	1740	40 36.1	-59 52.0	2	4.7	154.0	11.8	2.9
3	192	1740	40 36.1	-59 52.0	2				
3	192	182J	40 32.5	-59 50.0	2	5.9	157.1	13.1	7.2
3	192	1820	40 32.5	-59 50.0	2				
3	192	1900	40 28.7	-59 48.3	2	6.0	161.2	11.2	7.4
3	192	1900	40 28.7	-59 48.3	2				
3	192	1940	40 25.0	-59 46.3	2	6.0	157.6	13.2	7.4
3	192	1940	40 25.0	-59 46.3	2				
3	192	2000	40 23.3	-59 45.1	2	5.8	151.7	15.8	3.6
3	192	2000	40 23.3	-59 45.1	2				
3	192	2040	40 19.7	-59 42.6	2	6.1	152.1	16.5	7.5
3	192	2040	40 19.7	-59 42.6	2				
3	192	2100	40 18.0	-59 41.3	2	5.9	149.8	17.2	3.6
3	192	2100	40 18.0	-59 41.3	2				
3	192	2100	40 18.0	-59 41.3	2				
3	192	2120	40 16.2	-59 40.0	2	6.2	151.1	17.2	3.8
3	192	2120	40 16.2	-59 40.0	2				
3	192	2140	40 14.4	-59 38.6	2	6.3	149.3	18.5	3.9
3	192	2140	40 14.4	-59 38.6	2				
3	192	2200	40 12.8	-59 37.3	2	5.7	148.2	17.2	3.5
3	192	2200	40 12.8	-59 37.3	2				
3	192	2210	40 11.9	-59 36.7	2	6.1	153.0	15.9	1.9
3	192	2210	40 11.9	-59 36.7	2				
3	192	2220	40 11.0	-59 36.2	2	5.9	157.0	13.3	1.8
3	192	2220	40 11.0	-59 36.2	2				
3	192	2240	40 9.3	-59 35.3	2	5.5	158.0	12.0	3.4
3	192	2240	40 9.3	-59 35.3	2				
3	192	2300	40 7.6	-59 34.3	2	5.6	155.8	13.3	3.5
3	192	2300	40 7.6	-59 34.3	2				
2	192	2340	40 3.9	-59 32.2	2	6.1	156.5	14.0	7.5

NAVIGATION FIX CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	193	0	40 2.4	-59 32.0	2				
3	193	20	40 3.8	-59 30.0	2	6.2	47.6	26.6	3.8
3	193	20	40 3.8	-59 30.0	2				
3	193	120	40 10.2	-59 32.8	2	6.8	341.5	-12.1	12.5
3	193	120	40 10.2	-59 32.8	2				
3	193	200	40 14.0	-59 35.3	2	6.4	333.3	-16.3	7.9
3	193	200	40 14.0	-59 35.3	2				
3	193	220	40 16.0	-59 36.7	2	6.8	331.9	-18.2	4.2
3	193	220	40 16.0	-59 36.7	2				
3	193	220	40 16.0	-59 36.7	2				
2	193	240	40 18.2	-59 37.7	2	7.0	340.9	-12.9	4.3
1	193	520	40 16.7	-59 36.4	2				
3	193	540	40 18.9	-59 37.6	2	7.2	337.4	-15.5	4.4
3	193	540	40 18.9	-59 37.6	2				
3	193	600	40 20.9	-59 38.8	2	6.6	335.4	-15.5	4.1
3	193	600	40 20.9	-59 38.8	2				
3	193	700	40 26.8	-59 42.6	2	6.6	333.9	-16.4	12.2
3	193	700	40 26.8	-59 42.6	2				
3	193	800	40 33.0	-59 46.5	2	6.9	334.4	-16.7	12.7
3	193	800	40 33.0	-59 46.5	2				
3	193	840	40 37.4	-59 48.9	2	7.1	337.5	-15.4	8.8
3	193	840	40 37.4	-59 48.9	2				
3	193	940	40 43.8	-59 52.7	2	7.0	335.8	-16.2	13.0
3	193	940	40 43.8	-59 52.7	2				
3	193	1000	40 46.0	-59 53.7	2	7.0	341.0	-12.7	4.3
3	193	1000	40 46.0	-59 53.7	2				
3	193	1020	40 48.3	-59 54.7	2	7.3	341.8	-12.7	4.5
3	193	1020	40 48.3	-59 54.7	2				
3	193	1020	40 48.3	-59 54.7	2				
3	193	1040	40 50.6	-59 55.4	2	7.1	347.0	-8.8	4.4
3	193	1040	40 50.6	-59 55.4	2				
3	193	1100	40 52.8	-59 56.0	2	6.7	348.3	-7.5	4.2

NAVIGATION FIX

CSS HUDSON 72-J21

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	193	1100	40 52.8	-59 56.0	2				
3	193	1120	40 55.0	-59 56.7	2	6.8	346.5	-8.8	4.2
3	193	112J	40 55.0	-59 56.7	2				
3	193	1140	40 57.1	-59 57.4	2	6.5	345.9	-8.8	4.0
3	193	1140	40 57.1	-59 57.4	2				
3	193	1200	40 59.3	-59 58.2	2	6.8	344.6	-10.1	4.2
3	193	1200	40 59.3	-59 58.2	2				
3	193	1220	41 1.4	-59 58.9	2	6.5	345.9	-8.8	4.0
3	193	1220	41 1.4	-59 58.9	2				
3	193	1240	41 3.4	-59 59.6	2	6.2	345.2	-8.8	3.8
3	193	1240	41 3.4	-59 59.6	2				
3	193	1240	41 3.4	-59 59.6	2				
3	193	1300	41 5.4	-60 .4	2	6.3	343.2	-10.1	3.9
3	193	1300	41 5.4	-60 .4	2				
3	193	1320	41 7.2	-60 1.1	2	5.6	343.7	-8.8	3.5
3	193	1320	41 7.2	-60 1.1	2				
3	193	1350	41 10.2	-60 2.4	2	6.3	341.9	-10.9	5.8
3	193	1350	41 10.2	-60 2.4	2				
3	193	144J	41 12.6	-60 6.7	2	4.8	306.6	-21.8	7.5
3	193	1440	41 12.6	-60 6.7	2				
3	193	1500	41 14.3	-60 8.0	2	5.9	330.1	-16.4	3.6
3	193	150J	41 14.3	-60 8.0	2				
3	193	1520	41 16.2	-60 8.9	2	6.1	340.4	-11.3	3.7
3	193	1520	41 16.2	-60 8.9	2				
2	193	1610	41 20.3	-60 11.4	2	5.4	335.4	-12.6	8.4
1	193	164J	41 22.8	-60 8.3	2				
3	193	1700	41 24.4	-60 2.1	2	14.8	71.0	79.5	9.1
3	193	1700	41 24.4	-60 2.1	2				
2	193	1720	41 25.8	-59 55.7	2	15.0	73.7	82.0	9.3
1	194	48	41 25.8	-59 51.8	2				
3	194	108	41 25.2	-59 55.9	2	9.4	259.0	-51.5	5.8

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	194	108	41 25.2	-59 55.9	2				
3	194	156	41 22.8	-60 6.8	2	10.7	253.6	-57.1	15.8
3	194	156	41 22.8	-60 6.8	2				
3	194	208	41 20.7	-60 6.6	2	10.5	175.9	4.7	3.9
3	194	208	41 20.7	-60 6.6	2				
3	194	220	41 18.5	-60 4.9	2	12.7	149.9	36.7	4.7
3	194	220	41 18.5	-60 4.9	2				
3	194	244	41 14.0	-60 1.2	2	13.2	148.3	39.9	9.8
3	194	244	41 14.0	-60 1.2	2				
3	194	336	41 4.0	-59 56.6	2	12.2	160.9	23.2	19.6
3	194	336	41 4.0	-59 56.6	2				
3	194	400	40 59.2	-59 54.5	2	12.6	161.7	23.1	9.4
3	194	400	40 59.2	-59 54.5	2				
3	194	424	40 54.7	-59 52.5	2	11.9	161.4	22.0	8.8
3	194	424	40 54.7	-59 52.5	2				
3	194	512	40 46.5	-59 46.8	2	11.6	152.3	31.2	17.2
3	194	512	40 46.5	-59 46.8	2				
3	194	536	40 42.4	-59 44.8	2	10.9	159.7	22.0	8.1
3	194	536	40 42.4	-59 44.8	2				
3	194	700	40 27.0	-59 35.9	2	12.0	156.3	28.1	31.2
3	194	700	40 27.0	-59 35.9	2				
3	194	800	40 16.4	-59 29.0	2	11.8	153.6	30.7	21.9
3	194	800	40 16.4	-59 29.0	2				
3	194	824	40 12.0	-59 26.3	2	12.2	154.9	30.1	9.0
3	194	824	40 12.0	-59 26.3	2				
3	194	900	40 5.8	-59 23.5	2	10.9	161.0	21.0	12.2
3	194	900	40 5.8	-59 23.5	2				
3	194	924	40 7.3	-59 20.3	2	7.2	58.5	35.3	5.3
3	194	924	40 7.3	-59 20.3	2				
3	194	1040	40 15.4	-59 24.3	2	6.8	339.3	-13.6	16.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	194	1040	40 15.4	-59 24.3	2				
3	194	1120	40 19.5	-59 26.9	2	6.8	334.2	-16.8	8.4
3	194	1120	40 19.5	-59 26.9	2				
3	194	1220	40 25.8	-59 30.3	2	6.8	337.7	-14.6	12.6
3	194	1220	40 25.8	-59 30.3	2				
3	194	1240	40 28.0	-59 31.0	2	6.8	346.4	-8.9	4.2
3	194	1240	40 28.0	-59 31.0	2				
3	194	1300	40 30.4	-59 31.8	2	7.4	345.8	-10.2	4.6
3	194	1300	40 30.4	-59 31.8	2				
3	194	1440	40 40.8	-59 38.2	2	6.9	335.0	-16.4	21.3
3	194	1440	40 40.8	-59 38.2	2				
3	194	1500	40 42.9	-59 39.7	2	7.2	331.6	-19.2	4.4
3	194	1500	40 42.9	-59 39.7	2				
3	194	1620	40 52.4	-59 44.4	2	7.6	339.5	-14.9	18.8
3	194	1620	40 52.4	-59 44.4	2				
3	194	1720	40 59.2	-59 47.8	2	7.3	339.3	-14.3	13.5
3	194	1720	40 59.2	-59 47.8	2				
3	194	1820	41 5.5	-59 50.7	2	6.7	340.9	-12.2	12.4
3	194	1820	41 5.5	-59 50.7	2				
3	194	1900	41 9.5	-59 52.5	2	6.3	341.3	-11.3	7.8
3	194	1940	41 13.3	-59 54.4	2	6.1	339.4	-12.0	7.5
3	194	1940	41 13.3	-59 54.4	2				
3	194	2000	41 15.2	-59 55.4	2	6.1	338.4	-12.6	3.8
3	194	2000	41 15.2	-59 55.4	2				
3	194	2020	41 16.4	-59 56.7	2	4.6	320.8	-16.5	2.9
3	194	2020	41 16.4	-59 56.7	2				
3	194	2020	41 16.4	-59 56.7	2				
3	194	2140	41 23.3	-60 .6	2	5.6	337.0	-12.2	13.9
3	194	2140	41 23.3	-60 .6	2				
3	194	2155	41 24.8	-60 1.3	2	6.4	340.7	-11.7	2.9

NAVIGATION FIX

CSS HUDSON 72-J21

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	194	2155	41 24.8	-60 1.3	2				
3	194	2205	41 25.8	-59 59.4	2	10.5	54.9	48.6	3.2
3	194	2205	41 25.8	-59 59.4	2				
3	194	2212	41 25.8	-59 56.6	2	18.0	90.0	102.6	3.9
3	194	2212	41 25.8	-59 56.6	2				
3	194	2224	41 25.7	-59 52.9	2	13.9	92.1	78.9	5.1
3	194	2224	41 25.7	-59 52.9	2				
2	194	2248	41 25.2	-59 50.0	2	5.6	102.9	30.7	4.1
1	195	20	41 25.0	-59 48.0	2				
3	195	36	41 22.7	-59 47.7	2	8.7	174.4	5.1	4.3
3	195	36	41 22.7	-59 47.7	2				
3	195	112	41 24.8	-59 56.0	2	11.0	288.6	-57.9	12.2
3	195	112	41 24.8	-59 56.0	2				
3	195	136	41 21.1	-59 55.0	2	9.4	168.5	10.9	7.0
3	195	136	41 21.1	-59 55.0	2				
3	195	200	41 16.2	-59 52.4	2	13.2	158.3	28.2	9.8
3	195	200	41 16.2	-59 52.4	2				
3	195	224	41 11.5	-59 49.5	2	13.0	155.1	31.5	9.6
3	195	224	41 11.5	-59 49.5	2				
3	195	324	40 59.6	-59 43.4	2	12.8	158.9	26.7	23.6
3	195	324	40 59.6	-59 43.4	2				
3	195	412	40 50.9	-59 38.8	2	11.7	158.2	25.2	17.4
3	195	412	40 50.9	-59 38.8	2				
3	195	500	40 42.3	-59 33.9	2	11.7	156.7	26.9	17.4
3	195	500	40 42.3	-59 33.9	2				
3	195	500	40 42.3	-59 33.9	2				
3	195	624	40 27.2	-59 24.7	2	11.9	155.2	29.0	30.8
3	195	624	40 27.2	-59 24.7	2				
3	195	700	40 20.9	-59 20.7	2	11.7	154.2	29.6	13.0
3	195	700	40 20.9	-59 20.7	2				
3	195	812	40 9.0	-59 13.4	2	11.0	154.9	27.1	24.3

NAVIGATION FIX

CSS HUDSON 72-021

LG	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	195	812	40 9.0	-59 13.4	2				
3	195	900	40 14.0	-59 .7	2	13.6	62.7	70.3	20.2
3	195	900	40 14.0	-59 .7	2				
3	195	918	40 15.6	-58 56.4	2	12.2	64.0	63.3	6.8
3	195	918	40 15.6	-58 56.4	2				
3	195	1024	40 29.4	-59 3.8	2	13.6	337.8	-28.5	27.6
3	195	1024	40 29.4	-59 3.8	2				
3	195	1100	40 36.9	-59 8.0	2	13.6	337.0	-29.6	15.1
3	195	1100	40 36.9	-59 8.0	2				
3	195	1136	40 44.0	-59 12.9	2	13.4	332.4	-34.5	14.8
3	195	1136	40 44.0	-59 12.9	2				
3	195	1300	41 .4	-59 20.7	2	12.5	340.2	-23.3	32.3
3	195	1300	41 .4	-59 20.7	2				
3	195	1336	41 6.8	-59 23.8	2	11.4	339.9	-21.5	12.6
3	195	1336	41 6.8	-59 23.8	2				
3	195	1500	41 21.0	-59 32.5	2	11.2	335.3	-25.9	29.0
3	195	1500	41 21.0	-59 32.5	2				
3	195	1600	41 31.2	-59 39.0	2	11.3	334.5	-26.9	20.9
3	195	1600	41 31.2	-59 39.0	2				
3	195	1600	41 31.2	-59 39.0	2				
2	195	1636	41 27.7	-59 46.2	2	10.7	237.0	-50.1	11.9
1	195	2100	41 24.6	-59 45.2	2				
3	195	2120	41 27.2	-59 40.1	2	13.9	55.8	65.4	8.6
3	195	2120	41 27.2	-59 40.1	2				
3	195	2200	41 32.4	-59 33.9	2	10.5	41.8	39.6	12.9
3	195	2200	41 32.4	-59 33.9	2				
3	195	2240	41 29.6	-59 31.8	2	4.8	150.7	13.4	5.9
3	195	2240	41 29.6	-59 31.8	2				
0	195	2359	41 23.5	-59 27.9	5	5.2	154.2	12.8	12.6
0	195	2359	41 23.5	-59 27.9	5				
3	196	J	41 23.4	-59 27.8	2	5.2	151.8	14.0	.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	196	0	41 23.4	-59 27.8	2				
3	196	240	41 10.0	-59 20.2	2	5.5	156.9	12.2	27.0
3	196	240	41 10.0	-59 20.2	2				
3	196	500	40 58.7	-59 13.9	2	5.3	157.2	11.6	22.7
3	196	500	40 58.7	-59 13.9	2				
3	196	700	40 49.9	-59 9.5	2	4.7	159.3	9.5	17.4
3	196	700	40 49.9	-59 9.5	2				
3	196	820	40 44.0	-59 6.9	2	4.7	161.5	8.5	11.5
3	196	820	40 44.0	-59 6.9	2				
3	196	920	40 39.9	-59 4.9	2	4.4	159.7	8.7	8.1
3	196	920	40 39.9	-59 4.9	2				
3	196	1040	40 34.8	-59 2.5	2	4.1	160.3	7.9	10.0
3	196	1040	40 34.8	-59 2.5	2				
3	196	1240	40 28.4	-58 58.1	2	3.6	152.4	9.6	13.4
3	196	1240	40 28.4	-58 58.1	2				
3	196	1340	40 25.2	-58 56.6	2	3.4	160.4	6.6	6.3
3	196	1340	40 25.2	-58 56.6	2				
3	196	1420	40 23.3	-58 55.2	2	3.3	150.7	9.2	4.0
3	196	1420	40 23.3	-58 55.2	2				
3	196	1520	40 20.5	-58 52.5	2	3.5	143.7	11.8	6.4
3	196	1520	40 20.5	-58 52.5	2				
3	196	1540	40 19.6	-58 51.6	2	3.4	142.7	11.8	2.1
3	196	1540	40 19.6	-58 51.6	2				
2	196	1640	40 16.6	-58 49.3	2	3.5	149.7	10.1	6.4
1	196	1740	40 16.2	-58 49.2	2				
3	196	1800	40 16.3	-58 50.6	2	3.2	275.3	-18.3	2.0
3	196	1800	40 16.3	-58 50.6	2				
3	196	1820	40 16.4	-58 52.0	2	3.2	275.3	-18.3	2.0
3	196	1820	40 16.4	-58 52.0	2				
3	196	1920	40 15.2	-58 54.8	2	2.5	240.7	-12.2	4.5

NAVIGATION FIX

CSS HUDSON 72-J21

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	196	1920	40 15.2	-58 54.8	2				
3	196	2040	40 13.7	-58 59.1	2	2.7	245.4	-14.1	6.7
3	196	2040	40 13.7	-58 59.1	2				
3	196	2100	40 13.4	-59 .4	2	3.1	253.2	-17.0	1.9
3	196	2100	40 13.4	-59 .4	2				
3	196	2120	40 14.6	-59 1.4	2	4.3	327.5	-13.1	2.6
3	196	2120	40 14.6	-59 1.4	2				
3	196	2200	40 17.2	-59 3.7	2	4.7	326.0	-15.0	5.8
3	196	2200	40 17.2	-59 3.7	2				
3	196	2220	40 18.9	-59 4.6	2	5.5	338.0	-11.7	3.4
3	196	2220	40 18.9	-59 4.6	2				
3	196	2300	40 22.4	-59 6.9	2	5.9	333.4	-14.9	7.3
3	196	2300	40 22.4	-59 6.9	2				
2	196	2358	40 28.2	-59 10.4	5	6.6	335.1	-15.7	11.8
1	197	0	40 28.3	-59 10.5	2				
3	197	100	40 34.5	-59 13.8	2	6.7	338.0	-14.1	12.4
3	197	100	40 34.5	-59 13.8	2				
3	197	200	40 41.1	-59 16.1	2	6.8	345.2	-9.8	12.6
3	197	200	40 41.1	-59 16.1	2				
3	197	240	40 45.6	-59 18.2	2	7.2	340.5	-13.4	8.8
3	197	240	40 45.6	-59 18.2	2				
3	197	300	40 47.3	-59 19.0	2	5.4	340.4	-10.2	3.3
3	197	300	40 47.3	-59 19.0	2				
3	197	340	40 51.2	-59 20.9	2	6.2	339.8	-12.1	7.7
3	197	340	40 51.2	-59 20.9	2				
3	197	340	40 51.2	-59 20.9	2				
3	197	420	40 54.7	-59 22.7	2	5.6	338.8	-11.5	7.0
3	197	420	40 54.7	-59 22.7	2				
3	197	500	40 58.2	-59 24.1	2	5.5	343.2	-8.9	6.8
3	197	500	40 58.2	-59 24.1	2				
3	197	500	40 58.2	-59 24.1	2				
3	197	640	41 5.9	-59 28.4	2	5.0	337.2	-10.9	15.5

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	197	64J	41 5.9	-59 28.4	2				
2	197	700	41 7.3	-59 29.3	2	4.7	334.2	-11.4	2.9
1	197	720	41 7.7	-59 30.6	2				
3	197	840	41 1.0	-59 27.5	2	5.3	16J.8	10.0	13.1
3	197	840	41 1.0	-59 27.5	2				
3	197	920	41 3.2	-59 28.5	2	3.5	341.1	-6.4	4.3
3	197	920	41 3.2	-59 28.5	2				
3	197	1200	41 14.8	-59 35.0	2	4.7	337.1	-10.3	23.3
3	197	1200	41 14.8	-59 35.0	2				
3	197	1340	41 21.5	-59 38.3	2	4.3	339.7	-8.3	13.2
3	197	1340	41 21.5	-59 38.3	2				
3	197	1400	41 22.7	-59 38.8	2	3.8	342.6	-6.3	2.3
3	197	1400	41 22.7	-59 38.8	2				
2	197	1540	41 29.0	-59 42.5	2	4.1	336.2	-9.3	12.8
1	198	500	41 26.6	-59 30.8	2				
3	198	512	41 28.8	-59 29.4	2	12.2	25.5	30.1	4.5
3	198	512	41 28.8	-59 29.4	2				
3	198	524	41 31.0	-59 28.3	2	11.8	20.5	23.7	4.4
3	198	524	41 31.0	-59 28.3	2				
3	198	536	41 33.4	-59 27.6	2	12.3	12.3	15.3	4.6
3	198	536	41 33.4	-59 27.6	2				
3	198	548	41 32.2	-59 26.3	2	7.7	141.0	27.6	2.9
3	198	548	41 32.2	-59 26.3	2				
3	198	600	41 29.8	-59 25.1	2	12.8	159.5	25.9	4.7
3	198	600	41 29.8	-59 25.1	2				
3	198	624	41 25.2	-59 23.0	2	12.2	161.1	22.7	9.0
3	198	624	41 25.2	-59 23.0	2				
3	198	636	41 22.9	-59 22.2	2	11.9	165.4	17.5	4.4
3	198	636	41 22.9	-59 22.2	2				
3	198	648	41 20.6	-59 21.3	2	12.0	163.6	19.6	4.4

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	198	648	41 20.6	-59 21.3	2				
3	198	700	41 18.4	-59 20.2	2	11.8	159.4	23.9	4.4
3	198	700	41 18.4	-59 20.2	2				
3	198	712	41 16.0	-59 18.9	2	13.0	157.9	28.2	4.8
3	198	712	41 16.0	-59 18.9	2				
3	198	736	41 11.6	-59 16.0	2	12.3	153.6	31.4	9.1
3	198	736	41 11.6	-59 16.0	2				
3	198	836	40 59.8	-59 10.0	2	12.6	159.0	26.2	23.4
3	198	836	40 59.8	-59 10.0	2				
3	198	912	40 53.0	-59 7.0	2	12.0	161.6	22.0	13.3
3	198	912	40 53.0	-59 7.0	2				
3	198	936	40 48.7	-59 4.9	2	11.5	159.7	23.1	8.5
3	198	936	40 48.7	-59 4.9	2				
3	198	1000	40 44.3	-59 2.4	2	12.0	156.7	27.5	8.9
3	198	1000	40 44.3	-59 2.4	2				
3	198	1024	40 39.9	-58 59.5	2	12.3	153.5	31.9	9.1
3	198	1024	40 39.9	-58 59.5	2				
3	198	1048	40 35.6	-58 56.5	2	12.2	152.1	33.0	9.0
3	198	1048	40 35.6	-58 56.5	2				
3	198	1112	40 31.0	-58 53.9	2	12.5	156.8	28.8	9.3
3	198	1112	40 31.0	-58 53.9	2				
3	198	1136	40 26.8	-58 50.9	2	12.0	151.5	33.2	8.9
3	198	1136	40 26.8	-58 50.9	2				
2	198	1224	40 18.3	-58 46.0	2	11.6	156.3	27.2	17.2
1	198	1236	40 19.0	-58 47.7	2				
3	198	1312	40 24.2	-58 54.3	2	12.1	316.0	-47.3	13.4
3	198	1312	40 24.2	-58 54.3	2				
3	198	1324	40 25.9	-58 56.7	2	12.5	312.9	-51.6	4.6
3	198	1324	40 25.9	-58 56.7	2				
3	198	1336	40 27.3	-58 59.2	2	11.8	306.3	-53.8	4.4

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	198	1336	40 27.3	-58 59.2	2				
3	198	1338	40 27.6	-58 59.6	2	12.9	314.6	-51.7	.8
3	198	1338	40 27.6	-58 59.6	2				
3	198	1412	40 33.0	-59 5.9	2	12.7	318.4	-47.6	13.4
3	198	1412	40 33.0	-59 5.9	2				
3	198	1424	40 34.8	-59 8.3	2	12.8	314.6	-51.3	4.7
3	198	1424	40 34.8	-59 8.3	2				
3	198	1500	40 39.7	-59 16.8	2	13.5	307.2	-60.5	15.0
3	198	1500	40 39.7	-59 16.8	2				
3	198	1536	40 44.5	-59 25.6	2	13.7	305.7	-62.5	15.2
3	198	1536	40 44.5	-59 25.6	2				
3	198	1624	40 51.3	-59 36.5	2	13.4	309.5	-57.9	19.8
3	198	1624	40 51.3	-59 36.5	2				
3	198	1648	40 54.9	-59 41.5	2	13.1	313.6	-52.9	9.7
3	198	1648	40 54.9	-59 41.5	2				
3	198	1736	41 1.9	-59 51.1	2	12.6	314.0	-50.7	18.7
3	198	1736	41 1.9	-59 51.1	2				
3	198	1748	41 3.5	-59 50.0	2	9.0	27.4	23.8	3.3
3	198	1748	41 3.5	-59 50.0	2				
3	198	1812	41 6.8	-59 45.1	2	12.4	48.2	52.9	9.2
3	198	1812	41 6.8	-59 45.1	2				
3	198	1836	41 10.0	-59 40.0	2	12.5	50.2	54.9	9.3
3	198	1836	41 10.0	-59 40.0	2				
3	198	1912	41 14.4	-59 31.8	2	12.6	54.5	58.7	14.0
3	198	1912	41 14.4	-59 31.8	2				
3	198	1924	41 16.2	-59 30.7	2	9.9	24.7	23.7	3.7
3	198	1924	41 16.2	-59 30.7	2				
3	198	1948	41 20.7	-59 32.3	2	11.6	345.0	-16.4	8.6
3	198	1948	41 20.7	-59 32.3	2				
3	198	2000	41 22.4	-59 33.0	2	8.9	342.8	-14.5	3.3

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	198	2000	41 22.4	-59 33.0	2				
3	198	2012	41 23.8	-59 34.3	2	8.5	325.1	-27.2	3.2
3	198	2012	41 23.8	-59 34.3	2				
3	198	2024	41 25.0	-59 35.9	2	8.5	315.0	-33.5	3.1
3	198	2024	41 25.0	-59 35.9	2				
3	198	2036	41 26.8	-59 34.1	2	11.3	36.9	38.5	4.2
3	198	2036	41 26.8	-59 34.1	2				
2	198	2112	41 32.7	-59 27.9	2	12.5	38.2	44.2	13.9
1	198	2124	41 32.7	-59 26.4	2				
3	198	2200	41 25.0	-59 26.7	2	12.8	181.7	-1.4	14.3
3	198	2200	41 25.0	-59 26.7	2				
3	198	2212	41 22.5	-59 27.0	2	12.6	185.1	-5.7	4.7
3	198	2212	41 22.5	-59 27.0	2				
3	198	2236	41 17.7	-59 28.7	2	12.4	194.9	-17.3	9.2
3	198	2236	41 17.7	-59 28.7	2				
3	198	2300	41 12.6	-59 28.0	2	12.8	174.1	8.1	9.5
3	198	2300	41 12.6	-59 28.0	2				
3	198	2324	41 7.6	-59 28.7	2	12.6	186.0	-6.8	9.3
3	198	2324	41 7.6	-59 28.7	2				
2	198	2358	41 .2	-59 30.4	5	13.2	189.6	-11.7	13.9
1	199	0	41 0	-59 30.4	2				
3	199	12	40 57.6	-59 31.1	2	12.3	192.4	-14.3	4.6
3	199	12	40 57.6	-59 31.1	2				
3	199	36	40 52.8	-59 32.1	2	12.2	188.9	-10.1	9.0
3	199	36	40 52.8	-59 32.1	2				
3	199	48	40 50.3	-59 32.7	2	12.7	190.3	-12.2	4.7
3	199	48	40 50.3	-59 32.7	2				
3	199	100	40 47.7	-59 33.2	2	13.1	188.3	-10.0	4.9
3	199	100	40 47.7	-59 33.2	2				
3	199	112	40 45.2	-59 33.4	2	12.5	183.5	-3.7	4.6

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	199	112	40 45.2	-59 33.4	2				
3	199	148	40 37.6	-59 33.6	2	12.7	181.1	-0.8	14.1
3	199	148	40 37.6	-59 33.6	2				
3	199	236	40 27.8	-59 33.4	2	12.3	179.1	1.7	18.2
3	199	236	40 27.8	-59 33.4	2				
3	199	300	40 23.1	-59 33.0	2	11.8	176.3	4.9	8.7
3	199	300	40 23.1	-59 33.0	2				
3	199	312	40 20.6	-59 33.0	2	12.5	180.0	.6	4.6
3	199	312	40 20.6	-59 33.0	2				
3	199	324	40 18.4	-59 33.2	2	11.0	184.0	-3.9	4.1
3	199	324	40 18.4	-59 33.2	2				
3	199	412	40 8.9	-59 33.2	2	11.9	180.0	.6	17.6
3	199	412	40 8.9	-59 33.2	2				
3	199	424	40 6.5	-59 33.5	2	12.1	185.5	-6.0	4.5
3	199	424	40 6.5	-59 33.5	2				
3	199	436	40 4.2	-59 34.2	2	11.8	193.1	-14.8	4.4
3	199	436	40 4.2	-59 34.2	2				
3	199	448	40 2.6	-59 35.0	2	8.6	200.9	-17.3	3.2
3	199	448	40 2.6	-59 35.0	2				
3	199	500	40 5.3	-59 33.7	2	14.4	20.2	29.4	5.3
3	199	500	40 5.3	-59 33.7	2				
3	199	536	40 12.5	-59 29.4	2	13.2	24.5	32.2	14.7
3	199	536	40 12.5	-59 29.4	2				
3	199	612	40 19.4	-59 24.2	2	13.3	29.9	38.6	14.7
3	199	612	40 19.4	-59 24.2	2				
3	199	636	40 23.8	-59 20.4	2	13.2	33.3	42.1	9.8
3	199	636	40 23.8	-59 20.4	2				
3	199	700	40 28.1	-59 16.4	2	13.2	35.3	44.2	9.8
3	199	700	40 28.1	-59 16.4	2				
3	199	712	40 30.3	-59 14.3	2	13.6	36.0	46.4	5.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	199	712	40 30.3	-59 14.3	2				
3	199	800	40 39.7	-59 6.5	2	13.9	32.2	43.0	20.6
3	199	800	40 39.7	-59 6.5	2				
3	199	812	40 42.0	-59 8.0	2	12.8	333.7	-31.7	4.8
3	199	812	40 42.0	-59 8.0	2				
3	199	824	40 44.4	-59 9.8	2	13.8	330.4	-38.0	5.1
3	199	824	40 44.4	-59 9.8	2				
3	199	900	40 51.4	-59 14.7	2	13.2	332.1	-34.4	14.7
3	199	900	40 51.4	-59 14.7	2				
3	199	924	40 56.2	-59 17.4	2	13.0	337.0	-28.2	9.7
3	199	924	40 56.2	-59 17.4	2				
3	199	936	40 58.5	-59 18.5	2	12.2	340.1	-22.9	4.5
3	199	936	40 58.5	-59 18.5	2				
3	199	948	41 .8	-59 19.6	2	12.2	340.2	-22.9	4.5
3	199	948	41 .8	-59 19.6	2				
3	199	1024	41 7.6	-59 22.5	2	11.9	342.2	-20.0	13.2
3	199	1024	41 7.6	-59 22.5	2				
3	199	1036	41 9.7	-59 23.9	2	11.8	333.3	-29.2	4.4
3	199	1036	41 9.7	-59 23.9	2				
2	199	1136	41 20.5	-59 30.6	2	11.9	335.0	-27.8	22.1
1	199	1148	41 22.0	-59 31.5	2				
2	199	1200	41 24.3	-59 33.3	2	12.8	333.9	-31.0	4.7
1	199	1320	41 23.1	-59 35.2	2				
3	199	1400	41 15.6	-59 31.0	2	12.2	157.2	27.3	15.1
3	199	1400	41 15.6	-59 31.0	2				
3	199	1420	41 13.7	-59 30.1	2	6.1	160.4	11.6	3.7
3	199	1420	41 13.7	-59 30.1	2				
3	199	1440	41 11.6	-59 30.3	2	6.3	184.1	-2.4	3.9
3	199	1440	41 11.6	-59 30.3	2				
3	199	1500	41 9.9	-59 30.8	2	5.2	192.5	-6.3	3.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EUTVOS	DISTAN (KM)
3	199	1500	41 9.9	-59 30.8	2				
3	199	1540	41 6.4	-59 32.7	2	5.7	202.2	-12.0	7.0
3	199	1540	41 6.4	-59 32.7	2				
2	199	1620	41 2.9	-59 34.9	2	5.8	205.4	-13.9	7.2
1	199	1700	41 .9	-59 35.7	2				
3	199	1720	41 2.3	-59 36.1	2	4.3	347.8	-5.1	2.7
3	199	1720	41 2.3	-59 36.1	2				
3	199	1820	41 6.5	-59 36.2	2	4.2	359.0	-0.4	7.8
3	199	1820	41 6.5	-59 36.2	2				
3	199	1840	41 7.8	-59 36.0	2	3.9	6.6	2.6	2.4
3	199	1840	41 7.8	-59 36.0	2				
2	199	1930	41 10.8	-59 36.1	2	3.6	358.6	-0.5	5.6
1	199	1940	41 11.2	-59 36.5	2				
3	199	2040	41 5.5	-59 38.9	2	6.0	197.6	-10.1	11.1
3	199	2040	41 5.5	-59 38.9	2				
3	199	2100	41 3.7	-59 39.9	2	5.9	202.7	-12.7	3.6
3	199	2100	41 3.7	-59 39.9	2				
3	199	2120	41 1.8	-59 41.0	2	6.2	203.6	-13.9	3.8
3	199	2120	41 1.8	-59 41.0	2				
3	199	2220	40 56.1	-59 44.5	2	6.3	204.9	-14.8	11.6
3	199	2220	40 56.1	-59 44.5	2				
2	199	2240	40 56.9	-59 46.0	2	4.2	305.2	-19.2	2.6
1	199	2300	40 58.3	-59 46.5	2				
3	199	2320	40 59.6	-59 46.5	2	3.9	0	.1	2.4
3	199	2320	40 59.6	-59 46.5	2				
3	199	2340	41 .9	-59 47.2	2	4.2	337.9	-8.9	2.6
3	199	2340	41 .9	-59 47.2	2				
0	199	2359	41 2.1	-59 48.0	5	4.4	332.5	-11.4	2.6
0	199	2359	41 2.1	-59 48.0	5				
3	200	0	41 2.2	-59 48.1	2	5.2	331.7	-13.9	.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	200	0	41 2.2	-59 48.1	2				
3	200	20	41 3.6	-59 48.7	2	4.4	342.1	-7.6	2.7
3	200	20	41 3.6	-59 48.7	2				
2	200	40	41 5.0	-59 49.1	2	4.3	347.8	-5.0	2.7
1	200	120	41 2.8	-59 48.1	2				
3	200	200	40 59.4	-59 47.4	2	5.2	171.2	4.6	6.4
3	200	200	40 59.4	-59 47.4	2				
2	200	220	40 59.9	-59 45.7	2	4.1	68.7	21.9	2.6
1	200	240	41 .9	-59 44.7	2				
3	200	300	41 1.9	-59 43.7	2	3.8	37.0	12.9	2.3
3	200	300	41 1.9	-59 43.7	2				
3	200	320	41 2.4	-59 42.1	2	3.9	67.5	20.6	2.4
3	200	320	41 2.4	-59 42.1	2				
3	200	340	41 3.4	-59 40.3	2	5.1	53.6	23.2	3.1
3	200	340	41 3.4	-59 40.3	2				
3	200	400	41 4.4	-59 39.0	2	4.2	44.4	16.7	2.6
3	200	400	41 4.4	-59 39.0	2				
3	200	420	41 5.7	-59 38.5	2	4.1	16.2	6.5	2.5
3	200	420	41 5.7	-59 38.5	2				
3	200	440	41 6.6	-59 37.6	2	3.4	37.0	11.6	2.1
3	200	440	41 6.6	-59 37.6	2				
3	200	500	41 7.4	-59 35.8	2	4.7	59.5	23.1	2.9
3	200	500	41 7.4	-59 35.8	2				
3	200	520	41 8.2	-59 33.9	2	4.9	60.8	24.4	3.0
3	200	520	41 8.2	-59 33.9	2				
3	200	540	41 9.0	-59 31.9	2	5.1	62.0	25.7	3.2
3	200	540	41 9.0	-59 31.9	2				
2	200	600	41 9.6	-59 32.6	2	2.4	318.7	-8.9	1.5
1	200	620	41 9.7	-59 34.8	2				
3	200	700	41 9.9	-59 39.3	2	5.1	273.4	-28.6	6.3

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	200	700	41 9.9	-59 39.3	2				
3	200	720	41 10.9	-59 40.6	2	4.2	315.6	-16.5	2.6
3	200	720	41 10.9	-59 40.6	2				
3	200	740	41 12.0	-59 41.8	2	4.3	320.6	-15.2	2.6
3	200	740	41 12.0	-59 41.8	2				
3	200	800	41 13.2	-59 42.7	2	4.1	330.6	-11.4	2.6
3	200	800	41 13.2	-59 42.7	2				
3	200	840	41 15.5	-59 43.6	2	3.6	343.6	-5.7	4.4
3	200	840	41 15.5	-59 43.6	2				
2	200	900	41 15.5	-59 45.0	2	3.2	270.0	-17.8	2.0
1	200	920	41 16.6	-59 45.8	2				
3	200	1000	41 19.2	-59 47.0	2	4.1	340.9	-7.6	5.1
3	200	1000	41 19.2	-59 47.0	2				
3	200	1020	41 20.5	-59 47.5	2	4.1	343.9	-6.3	2.5
3	200	1020	41 20.5	-59 47.5	2				
3	200	1140	41 25.8	-59 49.2	2	4.1	346.5	-5.3	10.1
3	200	1140	41 25.8	-59 49.2	2				
3	200	1230	41 28.8	-59 50.5	2	3.8	342.0	-6.5	5.8
3	200	1230	41 28.8	-59 50.5	2				
3	200	1300	41 30.6	-59 51.4	5	3.8	339.5	-7.5	3.6
3	200	1300	41 30.6	-59 51.4	5				
3	200	1330	41 32.8	-59 51.6	8	4.4	356.1	-1.6	4.1
3	200	1330	41 32.8	-59 51.6	8				
3	200	1400	41 35.0	-59 51.6	8	4.4	0	.1	4.1
3	200	1400	41 35.0	-59 51.6	8				
3	200	1500	41 39.4	-59 52.0	8	4.4	356.1	-1.6	8.2
3	200	1500	41 39.4	-59 52.0	8				
3	200	1730	41 50.3	-59 53.5	5	4.4	354.1	-2.4	20.3
3	200	1730	41 50.3	-59 53.5	5				
3	200	1830	41 54.8	-59 54.1	8	4.5	354.3	-2.4	8.4

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	200	1830	41 54.8	-59 54.1	8				
3	200	1900	41 57.0	-59 54.5	5	4.4	352.3	-3.2	4.1
3	200	1900	41 57.0	-59 54.5	5				
3	200	1930	41 59.2	-59 55.0	8	4.5	350.4	-4.1	4.1
3	200	1930	41 59.2	-59 55.0	8				
3	200	2000	42 2.0	-59 56.3	5	5.9	341.0	-10.6	5.5
3	200	2000	42 2.0	-59 56.3	5				
3	200	2100	42 7.6	-59 59.0	8	5.9	340.3	-11.0	11.0
3	200	2100	42 7.6	-59 59.0	8				
3	200	2130	42 9.8	-60 .5	5	4.9	333.2	-12.3	4.6
3	200	2130	42 9.8	-60 .5	5				
2	200	2230	42 14.1	-60 3.2	5	4.7	335.1	-11.0	8.8
1	200	2310	42 12.2	-60 3.8	5				
3	200	2330	42 14.0	-60 4.6	8	5.7	341.8	-9.7	3.5
3	200	2330	42 14.0	-60 4.6	8				
2	200	2358	42 16.3	-60 5.5	5	5.1	344.4	-7.6	4.4
1	201	0	42 16.4	-60 5.5	2				
3	201	30	42 19.0	-60 6.5	2	5.4	344.1	-8.1	5.0
3	201	30	42 19.0	-60 6.5	2				
3	201	100	42 21.5	-60 7.4	2	5.2	345.1	-7.3	4.8
3	201	100	42 21.5	-60 7.4	2				
3	201	130	42 24.0	-60 8.2	2	5.1	346.7	-6.4	4.8
3	201	130	42 24.0	-60 8.2	2				
3	201	130	42 24.0	-60 8.2	2				
3	201	200	42 26.7	-60 8.9	2	5.5	349.2	-5.6	5.1
3	201	200	42 26.7	-60 8.9	2				
3	201	230	42 29.3	-60 9.7	2	5.3	347.2	-6.4	4.9
3	201	230	42 29.3	-60 9.7	2				
3	201	230	42 29.3	-60 9.7	2				
3	201	300	42 31.8	-60 10.0	2	5.0	354.9	-2.3	4.6
3	201	300	42 31.8	-60 10.0	2				
3	201	330	42 34.5	-60 10.4	2	5.4	353.8	-3.1	5.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	201	330	42 34.5	-60 10.4	2				
3	201	400	42 36.8	-60 10.6	2	4.6	356.3	-1.5	4.3
3	201	400	42 36.8	-60 10.6	2				
3	201	430	42 38.9	-60 10.7	2	4.2	358.0	-0.7	3.9
3	201	430	42 38.9	-60 10.7	2				
3	201	500	42 40.9	-60 10.9	2				
3	201	530	42 42.9	-60 11.2	2	4.0	353.7	-2.4	3.7
3	201	530	42 42.9	-60 11.2	2				
3	201	600	42 44.9	-60 11.8	2	4.1	347.6	-4.8	3.8
3	201	600	42 44.9	-60 11.8	2				
3	201	630	42 46.7	-60 12.3	2	3.7	348.5	-4.0	3.4
3	201	630	42 46.7	-60 12.3	2				
3	201	700	42 48.6	-60 12.9	2	3.9	347.0	-4.8	3.6
3	201	700	42 48.6	-60 12.9	2				
3	201	730	42 50.8	-60 13.6	2	4.5	346.9	-5.6	4.2
3	201	730	42 50.8	-60 13.6	2				
3	201	800	42 52.9	-60 14.5	2	4.4	342.6	-7.2	4.1
3	201	800	42 52.9	-60 14.5	2				
3	201	830	42 55.1	-60 15.4	2	4.6	343.3	-7.2	4.3
3	201	830	42 55.1	-60 15.4	2				
3	201	900	42 57.4	-60 16.2	2	4.7	345.7	-6.3	4.4
3	201	900	42 57.4	-60 16.2	2				
3	201	930	42 59.5	-60 16.9	2	4.3	346.3	-5.5	4.0
3	201	930	42 59.5	-60 16.9	2				
3	201	1000	43 1.5	-60 17.3	2	4.0	351.7	-3.1	3.7
3	201	1000	43 1.5	-60 17.3	2				
3	201	1030	43 3.8	-60 17.8	2	4.7	351.0	-3.9	4.3
3	201	1030	43 3.8	-60 17.8	2				
3	201	1100	43 6.1	-60 18.4	2	4.7	349.2	-4.7	4.3

NAVIGATION FIX

CSS HUDSON 72-021

CG	DAY	TIME	LATITUDE		LONGITUDE		NV	SPEED (KNOTS)	COURSE	HEIGHT	DIRIAN (KM)
3	201	1100	43	6.1	-60	18.4	2				
3	201	1130	43	8.7	-60	19.3	8	5.4	345.8	-7.1	5.0
3	201	1130	43	8.7	-60	19.3	8				
3	201	1300	43	15.2	-60	20.4	8	5.0	353.9	-2.8	14.0
3	201	1300	43	16.2	-60	20.4	8				
3	201	1400	43	21.4	-60	22.3	2	5.4	345.1	-7.4	10.0
3	201	1400	43	21.4	-60	22.3	2				
3	201	1432	43	24.1	-60	23.4	2	5.3	343.5	-8.1	5.2
3	201	1432	43	24.1	-60	23.4	2				
3	201	1452	43	25.8	-60	24.6	2	5.7	332.9	-14.1	3.5
3	201	1452	43	25.8	-60	24.6	2				
3	201	1512	43	25.5	-60	30.9	2	13.8	266.2	-74.0	8.5
3	201	1512	43	25.5	-60	30.9	2				
3	201	1532	43	21.4	-60	29.6	2	12.6	167.0	16.1	7.8
3	201	1532	43	21.4	-60	29.6	2				
3	201	1600	43	15.7	-60	27.7	2	12.6	166.4	16.8	10.9
3	201	1600	43	15.7	-60	27.7	2				
3	201	1632	43	9.1	-60	25.5	2	12.7	166.3	17.1	12.6
3	201	1632	43	9.1	-60	25.5	2				
3	201	1700	43	3.1	-60	23.2	2	13.4	164.4	20.5	11.5
3	201	1700	43	3.1	-60	23.2	2				
3	201	1732	42	56.7	-60	20.5	2	12.6	162.9	21.0	12.4
3	201	1732	42	56.7	-60	20.5	2				
3	201	1800	42	51.1	-60	18.1	2	12.6	162.6	21.4	10.9
3	201	1800	42	51.1	-60	18.1	2				
3	201	1832	42	44.7	-60	15.3	2	12.6	162.2	21.9	12.5
3	201	1832	42	44.7	-60	15.3	2				
2	201	1900	42	39.1	-60	12.8	2	12.6	161.8	22.4	10.9
1	202	100	42	30.0	-60	11.7	2				
3	202	120	42	31.8	-60	7.7	2	10.4	58.6	49.4	6.4

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	202	120	42 31.8	-60 7.7	2				
3	202	140	42 33.2	-60 3.4	2	10.4	66.2	53.0	6.4
3	202	140	42 33.2	-60 3.4	2				
3	202	200	42 34.3	-59 59.0	2	10.3	71.3	54.2	6.3
3	202	200	42 34.3	-59 59.0	2				
3	202	220	42 35.5	-59 54.7	2	10.2	69.2	52.9	6.3
3	202	220	42 35.5	-59 54.7	2				
3	202	240	42 36.7	-59 50.2	2	10.6	70.1	55.4	6.5
3	202	240	42 36.7	-59 50.2	2				
2	202	300	42 37.8	-59 45.8	2	10.3	71.2	54.1	6.3
1	202	400	42 37.6	-59 46.3	2				
3	202	420	42 36.3	-59 50.5	2	10.1	247.2	-50.8	6.2
3	202	420	42 36.3	-59 50.5	2				
3	202	440	42 35.3	-59 54.8	2	10.0	252.5	-52.1	6.1
3	202	440	42 35.3	-59 54.8	2				
3	202	520	42 33.3	-60 3.4	2	10.0	252.5	-52.1	12.3
3	202	520	42 33.3	-60 3.4	2				
3	202	540	42 32.2	-60 7.7	2	10.1	250.9	-52.1	6.2
3	202	540	42 32.2	-60 7.7	2				
3	202	600	42 31.0	-60 12.0	2	10.2	249.3	-52.2	6.3
3	202	600	42 31.0	-60 12.0	2				
3	202	620	42 29.7	-60 17.2	2	12.1	251.3	-63.0	7.5
3	202	620	42 29.7	-60 17.2	2				
3	202	640	42 28.2	-60 22.7	2	13.0	249.7	-66.7	8.0
3	202	640	42 28.2	-60 22.7	2				
3	202	700	42 26.8	-60 28.3	2	13.1	251.3	-67.9	8.1
3	202	700	42 26.8	-60 28.3	2				
2	202	720	42 25.5	-60 33.9	2	13.0	252.5	-68.0	8.0
1	202	900	42 26.0	-60 31.0	2				
3	202	910	42 26.3	-60 29.9	2	5.2	69.7	27.1	1.6

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	202	910	42 26.3	-60 29.9	2				
3	202	950	42 28.6	-60 21.6	2	9.8	69.4	51.3	12.1
3	202	950	42 28.6	-60 21.6	2				
3	202	1000	42 29.3	-60 19.0	2	12.3	69.9	64.3	3.8
3	202	1000	42 29.3	-60 19.0	2				
3	202	1020	42 30.6	-60 14.2	2				
3	202	1040	42 32.0	-60 9.2	2	11.8	69.2	61.7	7.3
3	202	1040	42 32.0	-60 9.2	2				
3	202	1100	42 33.5	-60 4.1	2	12.1	68.2	62.9	7.5
3	202	1100	42 33.5	-60 4.1	2				
3	202	1120	42 34.9	-59 59.1	2	11.8	69.2	61.6	7.3
3	202	1120	42 34.9	-59 59.1	2				
3	202	1140	42 36.4	-59 54.2	2	11.7	67.4	60.4	7.2
3	202	1140	42 36.4	-59 54.2	2				
3	202	1150	42 37.3	-59 51.7	5	12.3	63.9	61.6	3.8
3	202	1150	42 37.3	-59 51.7	5				
2	202	1200	42 36.7	-59 49.2	2	11.6	108.1	61.5	3.6
1	202	1810	42 37.7	-59 47.2	2				
3	202	1820	42 37.0	-59 50.1	2	13.5	251.8	-70.0	4.2
3	202	1820	42 37.0	-59 50.1	2				
3	202	1840	42 35.9	-59 55.7	2	12.8	255.1	-67.6	7.9
3	202	1840	42 35.9	-59 55.7	2				
3	202	1900	42 34.7	-60 1.2	2	12.7	253.5	-66.5	7.8
3	202	1900	42 34.7	-60 1.2	2				
3	202	1930	42 32.1	-60 9.0	2	12.6	245.7	-62.9	11.7
3	202	1930	42 32.1	-60 9.0	2				
3	202	2000	42 29.8	-60 17.0	2	12.7	248.7	-64.6	11.7
3	202	2000	42 29.8	-60 17.0	2				
3	202	2020	42 28.3	-60 22.2	2	12.4	248.6	-63.0	7.6

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	202	2020	42 28.3	-60 22.2	2				
3	202	2040	42 27.0	-60 27.7	2	12.8	252.2	-66.7	7.9
3	202	2040	42 27.0	-60 27.7	2				
3	202	2100	42 25.8	-60 33.0	2	12.3	252.9	-64.4	7.6
3	202	2100	42 25.8	-60 33.0	2				
2	202	2130	42 23.8	-60 41.7	2	13.5	252.7	-70.4	12.5
1	202	2230	42 18.7	-60 40.8	2				
3	202	2300	42 23.0	-60 42.0	2	8.8	348.3	-9.5	8.1
3	202	2300	42 23.0	-60 42.0	2				
3	202	2320	42 24.7	-60 39.0	2	8.4	52.5	37.1	5.2
3	202	2320	42 24.7	-60 39.0	2				
3	202	2340	42 25.9	-60 34.9	2	9.8	68.4	50.7	6.0
3	202	2340	42 25.9	-60 34.9	2				
0	202	2359	42 26.9	-60 30.8	5	10.1	71.5	53.6	5.9
0	202	2359	42 26.9	-60 30.8	5				
2	203	4	42 27.2	-60 29.7	2	10.1	70.6	53.4	1.6
1	203	20	42 28.0	-60 26.3	2				
3	203	40	42 29.1	-60 22.0	2	10.1	70.9	53.1	6.2
3	203	40	42 29.1	-60 22.0	2				
3	203	100	42 30.2	-60 17.9	2	9.7	70.0	50.6	6.0
3	203	100	42 30.2	-60 17.9	2				
3	203	140	42 32.2	-60 9.8	2	9.4	71.5	49.9	11.7
3	203	140	42 32.2	-60 9.8	2				
3	203	200	42 33.2	-60 5.7	2	9.5	71.7	50.5	5.9
3	203	200	42 33.2	-60 5.7	2				
3	203	240	42 35.2	-59 57.5	2	9.5	71.7	50.4	11.8
3	203	240	42 35.2	-59 57.5	2				
3	203	300	42 36.2	-59 53.2	2	10.0	72.5	52.9	6.2
3	203	300	42 36.2	-59 53.2	2				
2	203	320	42 36.9	-59 49.2	2	9.1	76.6	49.1	5.6

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	203	420	42 33.2	-59 46.0	2				
3	203	440	42 37.3	-59 48.0	2	13.1	340.2	-23.7	8.1
3	203	440	42 37.3	-59 48.0	2				
3	203	500	42 41.3	-59 49.8	2	12.6	341.7	-21.3	7.8
3	203	500	42 41.3	-59 49.8	2				
3	203	500	42 41.3	-59 49.8	2				
3	203	520	42 45.3	-59 51.2	2	12.4	345.6	-16.4	7.7
3	203	520	42 45.3	-59 51.2	2				
3	203	520	42 45.3	-59 51.2	2				
3	203	520	42 45.3	-59 51.2	2				
3	203	540	42 49.4	-59 52.4	2	12.6	347.9	-13.9	7.8
3	203	540	42 49.4	-59 52.4	2				
3	203	540	42 49.4	-59 52.4	2				
3	203	540	42 49.4	-59 52.4	2				
3	203	600	42 53.4	-59 53.3	2	12.2	350.6	-10.3	7.5
3	203	600	42 53.4	-59 53.3	2				
3	203	600	42 53.4	-59 53.3	2				
2	203	620	42 57.6	-59 54.2	2	12.8	351.1	-10.2	7.9
1	203	1020	42 55.9	-59 57.7	2				
3	203	1040	42 54.8	-60 2.8	2	11.7	253.6	-61.0	7.2
3	203	1040	42 54.8	-60 2.8	2				
3	203	1040	42 54.8	-60 2.8	2				
3	203	1100	42 53.7	-60 7.9	2	11.7	253.6	-61.0	7.2
3	203	1100	42 53.7	-60 7.9	2				
3	203	1100	42 53.7	-60 7.9	2				
3	203	1140	42 51.5	-60 17.9	2	11.5	253.3	-59.9	14.2
3	203	1140	42 51.5	-60 17.9	2				
3	203	1140	42 51.5	-60 17.9	2				
3	203	1200	42 50.2	-60 22.7	2	11.3	249.7	-57.6	7.0
3	203	1200	42 50.2	-60 22.7	2				
3	203	1200	42 50.2	-60 22.7	2				
3	203	1220	42 49.0	-60 27.0	2	10.1	249.2	-51.7	6.3
3	203	1220	42 49.0	-60 27.0	2				
3	203	1220	42 49.0	-60 27.0	2				
3	203	1240	42 47.2	-60 32.4	2	13.1	245.6	-64.7	8.1
3	203	1240	42 47.2	-60 32.4	2				
3	203	1240	42 47.2	-60 32.4	2				
3	203	1300	42 45.3	-60 38.0	2	13.6	245.2	-67.2	8.4
3	203	1300	42 45.3	-60 38.0	2				
3	203	1300	42 45.3	-60 38.0	2				
3	203	1320	42 43.6	-60 43.6	2	13.4	247.5	-67.3	8.2
3	203	1320	42 43.6	-60 43.6	2				
3	203	1320	42 43.6	-60 43.6	2				
2	203	1340	42 42.0	-60 49.2	2	13.2	248.8	-67.3	8.2

NAVIGATION FIX

CSS HUDSON 72-021

LG	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	203	1920	42 41.9	-60 50.3	2				
3	203	1940	42 43.4	-60 44.8	2	12.9	69.6	67.6	8.0
3	203	1940	42 43.4	-60 44.8	2				
3	203	2000	42 44.7	-60 39.9	2	11.5	70.1	60.1	7.1
3	203	2000	42 44.7	-60 39.9	2				
3	203	2020	42 45.9	-60 35.5	2	10.3	69.6	53.9	6.4
3	203	2020	42 45.9	-60 35.5	2				
3	203	2040	42 47.1	-60 31.0	2	10.5	70.0	55.1	6.5
3	203	2040	42 47.1	-60 31.0	2				
3	203	2100	42 48.4	-60 26.9	2	9.8	66.6	50.1	6.1
3	203	2100	42 48.4	-60 26.9	2				
3	203	2120	42 49.7	-60 22.7	2	10.0	67.1	51.3	6.2
3	203	2120	42 49.7	-60 22.7	2				
3	203	2140	42 50.9	-60 18.7	2	9.5	67.7	48.8	5.9
3	203	2140	42 50.9	-60 18.7	2				
3	203	2200	42 52.2	-60 14.6	2	9.8	66.6	50.0	6.1
3	203	2200	42 52.2	-60 14.6	2				
3	203	2220	42 53.4	-60 10.5	2	9.7	68.2	50.0	6.0
3	203	2220	42 53.4	-60 10.5	2				
3	203	2240	42 54.7	-60 6.4	2	9.8	66.6	49.9	6.1
3	203	2240	42 54.7	-60 6.4	2				
3	203	2300	42 56.0	-60 2.0	2	10.4	68.0	53.6	6.4
3	203	2300	42 56.0	-60 2.0	2				
3	203	2320	42 55.3	-59 58.2	2	8.6	104.1	46.2	5.3
3	203	2320	42 55.3	-59 58.2	2				
2	203	2340	42 52.0	-59 55.3	2	11.8	147.2	35.6	7.3
1	204	40	42 53.0	-59 56.9	2				
3	204	100	42 57.4	-59 55.6	0	13.5	12.2	16.5	8.3
3	204	100	42 57.4	-59 55.6	0				
3	204	120	42 58.5	-59 57.7	2	5.7	305.6	-25.2	3.5

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	204	120	42 58.5	-59 57.7	2				
3	204	140	42 56.0	-60 2.2	2	12.4	232.8	-53.6	7.7
3	204	140	42 56.0	-60 2.2	2				
3	204	200	42 54.2	-60 6.2	2	10.3	238.4	-47.9	6.4
3	204	200	42 54.2	-60 6.2	2				
3	204	220	42 53.0	-60 10.7	2	10.5	250.0	-53.9	6.5
3	204	220	42 53.0	-60 10.7	2				
3	204	240	42 51.9	-60 15.0	2	10.0	250.8	-51.6	6.2
3	204	240	42 51.9	-60 15.0	2				
3	204	300	42 50.7	-60 19.2	2	9.9	248.7	-50.4	6.1
3	204	300	42 50.7	-60 19.2	2				
3	204	400	42 46.9	-60 32.7	2	10.6	249.0	-54.1	19.7
3	204	400	42 46.9	-60 32.7	2				
3	204	420	42 45.6	-60 37.2	2	10.7	248.5	-54.1	6.6
3	204	420	42 45.6	-60 37.2	2				
3	204	440	42 44.2	-60 41.8	2	11.0	247.5	-55.4	6.8
3	204	440	42 44.2	-60 41.8	2				
3	204	500	42 42.8	-60 46.5	2	11.2	247.9	-56.6	6.9
3	204	500	42 42.8	-60 46.5	2				
3	204	520	42 41.3	-60 51.1	2	11.1	246.1	-55.4	6.9
3	204	520	42 41.3	-60 51.1	2				
3	204	540	42 39.9	-60 55.8	2	11.2	247.9	-56.7	6.9
2	204	540	42 39.9	-60 55.8	2				
1	204	700	42 36.3	-60 55.5	2				
3	204	720	42 32.3	-60 52.6	2	13.6	151.9	36.2	8.4
3	204	720	42 32.3	-60 52.6	2				
3	204	800	42 24.6	-60 46.9	2	13.2	151.4	35.6	16.3
3	204	800	42 24.6	-60 46.9	2				
3	204	820	42 20.6	-60 44.3	2	13.3	154.4	32.7	8.2
3	204	820	42 20.6	-60 44.3	2				
3	204	840	42 16.4	-60 41.5	2	14.1	153.8	35.3	8.7

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	204	840	42 16.4	-60 41.5	2				
3	204	900	42 12.3	-60 38.6	2	13.9	152.4	36.6	8.6
3	204	900	42 12.3	-60 38.6	2				
3	204	920	42 8.1	-60 35.9	2	14.0	154.5	34.2	8.6
3	204	920	42 8.1	-60 35.9	2				
2	204	940	42 4.7	-60 34.4	2	10.7	161.9	19.1	6.6
1	204	1240	42 4.6	-60 33.4	2				
3	204	1300	42 5.8	-60 28.9	2	10.6	70.2	56.3	6.6
3	204	1300	42 5.8	-60 28.9	2				
3	204	1520	42 14.1	-59 58.5	2	10.3	69.8	54.2	44.5
3	204	1520	42 14.1	-59 58.5	2				
3	204	1540	42 15.7	-59 52.8	2	13.5	69.2	71.1	8.4
3	204	1540	42 15.7	-59 52.8	2				
2	204	1620	42 18.8	-59 41.2	2	13.7	70.1	72.2	16.9
1	204	2240	42 19.7	-59 34.3	2				
0	204	2359	42 15.4	-59 51.0	5	9.9	250.6	-51.6	24.2
0	204	2359	42 15.4	-59 51.0	5				
3	205	0	42 15.3	-59 51.2	2	10.4	252.9	-55.0	.3
3	205	0	42 15.3	-59 51.2	2				
2	205	140	42 8.5	-60 18.0	2	12.6	251.1	-65.6	38.9
1	205	300	42 6.0	-60 15.9	2				
3	205	320	42 9.7	-60 12.4	2	13.6	35.1	44.1	8.4
3	205	320	42 9.7	-60 12.4	2				
3	205	340	42 11.7	-60 7.2	2	13.0	62.6	65.0	8.0
3	205	340	42 11.7	-60 7.2	2				
3	205	400	42 13.2	-60 1.6	2	13.2	70.1	69.9	8.2
3	205	400	42 13.2	-60 1.6	2				
3	205	420	42 14.7	-59 56.0	2	13.2	70.1	69.9	8.2
3	205	420	42 14.7	-59 56.0	2				
3	205	440	42 15.7	-59 51.9	2	9.6	71.8	51.0	5.9

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	205	440	42 15.7	-59 51.9	2				
3	205	500	42 16.8	-59 47.6	2	10.1	70.9	53.4	6.2
3	205	500	42 16.8	-59 47.6	2				
3	205	520	42 17.9	-59 43.2	2	10.3	71.3	54.7	6.4
3	205	520	42 17.9	-59 43.2	2				
3	205	540	42 19.0	-59 38.9	2	10.1	70.9	53.4	6.2
3	205	540	42 19.0	-59 38.9	2				
2	205	600	42 20.0	-59 34.5	2	10.2	72.9	54.6	6.3
1	205	700	42 20.8	-59 31.6	2				
3	205	730	42 23.0	-59 23.3	5	13.0	70.3	68.7	12.1
3	205	730	42 23.0	-59 23.3	5				
3	205	830	42 27.4	-59 6.8	8	13.0	70.1	68.2	24.0
3	205	830	42 27.4	-59 6.8	8				
3	205	1130	42 41.2	-58 16.5	2	13.2	69.6	69.0	73.2
3	205	1130	42 41.2	-58 16.5	2				
3	205	1140	42 41.6	-58 13.5	2	13.5	79.7	73.7	4.2
3	205	1140	42 41.6	-58 13.5	2				
3	205	1240	42 46.9	-57 56.2	2	13.8	67.4	70.8	25.5
3	205	1240	42 46.9	-57 56.2	2				
3	205	1246	42 47.0	-57 54.5	2	12.5	85.4	69.4	2.3
3	205	1246	42 47.0	-57 54.5	2				
3	205	1246	42 47.0	-57 54.5	2				
3	205	1258	42 48.0	-57 51.0	2	13.8	68.7	71.5	5.1
3	205	1258	42 48.0	-57 51.0	2				
3	205	1310	42 47.8	-57 47.4	2	13.3	94.3	73.5	4.9
3	205	1310	42 47.8	-57 47.4	2				
3	205	1330	42 49.8	-57 42.0	5	13.3	63.2	66.2	8.2
3	205	1330	42 49.8	-57 42.0	5				
3	205	1430	42 55.0	-57 24.5	8	13.8	67.9	71.3	25.6
3	205	1430	42 55.0	-57 24.5	8				
3	205	1630	43 5.3	-56 49.7	8	13.7	68.0	70.6	50.9

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	205	1630	43 5.3	-56 49.7	8				
3	205	1730	43 9.3	-56 32.0	5	13.5	72.8	71.5	25.1
3	205	1730	43 9.3	-56 32.0	5				
3	205	1830	43 12.3	-56 14.2	2	13.3	77.0	71.8	24.7
3	205	1830	43 12.3	-56 14.2	2				
3	205	1900	43 14.0	-56 5.6	5	13.0	74.8	69.3	12.0
3	205	1900	43 14.0	-56 5.6	5				
3	205	1930	43 14.8	-56 1.8	5	5.8	73.9	30.4	5.3
3	205	1930	43 14.8	-56 1.8	5				
3	205	2000	43 17.1	-55 59.8	8	5.4	32.3	16.0	5.0
3	205	2000	43 17.1	-55 59.8	8				
3	205	2200	43 26.3	-55 51.5	2	5.5	33.3	16.6	20.4
3	205	2200	43 26.3	-55 51.5	2				
3	205	2230	43 28.3	-55 49.3	2	5.1	38.6	17.5	4.7
3	205	2230	43 28.3	-55 49.3	2				
3	205	2230	43 28.3	-55 49.3	2				
0	205	2359	43 33.8	-55 42.7	5	4.9	41.0	17.7	13.6
0	205	2359	43 33.8	-55 42.7	5				
2	206	0	43 33.9	-55 42.6	2	5.5	35.9	17.5	.2
1	206	30	43 35.7	-55 40.3	5				
3	206	100	43 37.5	-55 38.0	2	4.9	42.8	18.2	4.5
3	206	100	43 37.5	-55 38.0	2				
3	206	130	43 39.5	-55 35.8	5	5.1	38.5	17.4	4.7
3	206	130	43 39.5	-55 35.8	5				
3	206	200	43 41.5	-55 33.6	5	5.1	38.5	17.4	4.7
3	206	200	43 41.5	-55 33.6	5				
3	206	230	43 43.5	-55 31.3	8	5.2	39.7	18.2	4.8
3	206	230	43 43.5	-55 31.3	8				
3	206	300	43 45.5	-55 29.0	5	5.2	39.7	18.1	4.8
3	206	300	43 45.5	-55 29.0	5				
3	206	330	43 47.5	-55 26.7	5	5.2	39.7	18.1	4.8

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	206	330	43 47.5	-55 26.7	5				
3	206	400	43 49.5	-55 24.4	5	5.2	39.7	18.1	4.8
3	206	400	43 49.5	-55 24.4	5				
3	206	430	43 51.5	-55 22.1	5	5.2	39.7	18.1	4.8
3	206	430	43 51.5	-55 22.1	5				
3	206	500	43 53.6	-55 19.8	5	5.4	38.3	18.1	5.0
3	206	500	43 53.6	-55 19.8	5				
3	206	530	43 55.7	-55 17.5	5	5.4	38.3	18.0	5.0
3	206	530	43 55.7	-55 17.5	5				
3	206	600	43 57.8	-55 15.2	8	5.4	38.3	18.0	5.0
3	206	600	43 57.8	-55 15.2	8				
3	206	630	44 .1	-55 13.4	5	5.3	29.4	14.1	4.9
3	206	630	44 .1	-55 13.4	5				
3	206	700	44 2.4	-55 11.7	5	5.2	28.0	13.3	4.8
3	206	700	44 2.4	-55 11.7	5				
3	206	730	44 4.7	-55 10.0	8	5.2	28.0	13.3	4.8
3	206	730	44 4.7	-55 10.0	8				
3	206	800	44 7.0	-55 8.3	5	5.2	28.0	13.3	4.8
3	206	800	44 7.0	-55 8.3	5				
3	206	830	44 9.2	-55 6.6	5	5.0	29.0	13.2	4.7
3	206	830	44 9.2	-55 6.6	5				
3	206	900	44 11.4	-55 4.9	2	5.0	29.0	13.2	4.7
3	206	900	44 11.4	-55 4.9	2				
3	206	1000	44 16.3	-55 1.0	2	5.6	29.7	15.2	10.4
3	206	1000	44 16.3	-55 1.0	2				
3	206	1100	44 20.6	-54 56.9	2	5.2	34.3	15.9	9.6
3	206	1100	44 20.6	-54 56.9	2				
3	206	1200	44 25.1	-54 52.9	2	5.3	32.4	15.5	9.9
3	206	1200	44 25.1	-54 52.9	2				
3	206	1300	44 29.4	-54 48.6	2	5.3	35.5	16.6	9.8

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVUS	DISTAN (KM)
3	206	1300	44 29.4	-54 48.6	2				
3	206	1530	44 40.0	-54 37.0	8	5.4	37.9	17.8	24.9
3	206	1530	44 40.0	-54 37.0	8				
3	206	1600	44 42.2	-54 35.0	5	5.2	32.9	15.3	4.9
3	206	1600	44 42.2	-54 35.0	5				
2	206	1645	44 45.4	-54 32.0	5	5.1	33.7	15.3	7.1
1	206	1750	44 43.0	-54 35.0	5				
3	206	1830	44 46.0	-54 32.0	5	5.5	35.4	17.2	6.8
3	206	1830	44 46.0	-54 32.0	5				
3	206	1900	44 47.9	-54 29.9	8	4.8	38.1	16.0	4.5
3	206	1900	44 47.9	-54 29.9	8				
3	206	2030	44 53.8	-54 23.6	8	4.9	37.1	15.9	13.7
3	206	2030	44 53.8	-54 23.6	8				
3	206	2130	44 58.0	-54 20.0	5	4.9	31.2	13.6	9.1
3	206	2130	44 58.0	-54 20.0	5				
3	206	2200	44 53.8	-54 13.6	8	12.4	132.8	48.8	11.4
3	206	2200	44 53.8	-54 13.6	8				
3	206	2230	44 50.0	-54 6.4	5	12.7	126.7	55.0	11.8
3	206	2230	44 50.0	-54 6.4	5				
3	206	2300	44 46.2	-53 59.2	8	12.7	126.6	55.1	11.8
3	206	2300	44 46.2	-53 59.2	8				
3	206	2330	44 42.5	-53 52.1	8	12.5	126.3	54.4	11.6
3	206	2330	44 42.5	-53 52.1	8				
0	206	2359	44 38.9	-53 45.2	5	12.5	126.2	54.6	11.2
0	206	2359	44 38.9	-53 45.2	5				
3	207	0	44 38.8	-53 45.0	8	12.4	126.3	54.0	.4
3	207	0	44 38.8	-53 45.0	8				
3	207	30	44 35.1	-53 37.9	8	12.5	126.2	54.6	11.6
3	207	30	44 35.1	-53 37.9	8				
3	207	100	44 31.4	-53 30.8	8	12.5	126.2	54.8	11.6
3	207	100	44 31.4	-53 30.8	8				

NAVIGATION FIX

CSS HUDSON 72-021

LG	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EUTVOS	DISTAN (KM)
3	207	100	44 31.4	-53 30.8	8				
3	207	130	44 27.3	-53 24.2	8	12.5	131.0	51.1	11.6
3	207	130	44 27.3	-53 24.2	8				
3	207	200	44 23.2	-53 17.5	5	12.6	130.6	52.0	11.7
3	207	200	44 23.2	-53 17.5	5				
3	207	230	44 19.2	-53 10.8	5	12.5	129.9	52.1	11.6
3	207	230	44 19.2	-53 10.8	5				
3	207	300	44 15.0	-53 4.1	5	12.8	131.2	52.2	11.8
3	207	300	44 15.0	-53 4.1	5				
3	207	330	44 11.0	-52 57.4	8	12.5	129.8	52.3	11.6
3	207	330	44 11.0	-52 57.4	8				
3	207	400	44 7.3	-52 50.7	5	12.1	127.6	52.4	11.2
3	207	400	44 7.3	-52 50.7	5				
3	207	430	44 3.6	-52 44.0	5	12.1	127.6	52.5	11.2
3	207	430	44 3.6	-52 44.0	5				
3	207	500	43 59.8	-52 37.2	5	12.4	127.9	53.4	11.5
3	207	500	43 59.8	-52 37.2	5				
3	207	530	43 56.0	-52 30.4	5	12.4	127.8	53.5	11.5
3	207	530	43 56.0	-52 30.4	5				
3	207	600	43 52.2	-52 23.6	5	12.4	127.8	53.6	11.5
3	207	600	43 52.2	-52 23.6	5				
3	207	630	43 48.4	-52 16.8	5	12.4	127.8	53.7	11.5
3	207	630	43 48.4	-52 16.8	5				
3	207	700	43 44.6	-52 10.0	8	12.4	127.7	53.9	11.5
3	207	700	43 44.6	-52 10.0	8				
3	207	730	43 40.9	-52 3.5	5	12.0	128.2	51.6	11.1
3	207	730	43 40.9	-52 3.5	5				
3	207	800	43 37.2	-51 57.0	5	12.0	128.2	51.7	11.1
3	207	800	43 37.2	-51 57.0	5				
3	207	830	43 33.6	-51 50.6	8	11.7	127.8	51.0	10.9

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	207	830	43 33.6	-51 50.6	8				
3	207	900	43 30.0	-51 44.2	5	11.7	127.8	51.1	10.9
3	207	900	43 30.0	-51 44.2	5				
3	207	930	43 25.7	-51 37.9	5	12.6	133.2	50.5	11.6
3	207	930	43 25.7	-51 37.9	5				
3	207	1000	43 21.4	-51 31.6	8	12.6	133.2	50.6	11.6
3	207	1000	43 21.4	-51 31.6	8				
3	207	1030	43 17.2	-51 25.3	8	12.4	132.5	50.7	11.5
3	207	1030	43 17.2	-51 25.3	8				
2	207	1100	43 13.0	-51 19.0	5	12.4	132.5	50.8	11.5
1	207	1635	43 11.6	-51 15.8	5				
3	207	1700	43 9.6	-51 17.8	2	5.9	216.1	-19.0	4.6
3	207	1700	43 9.6	-51 17.8	2				
3	207	1730	43 7.3	-51 20.2	2	5.8	217.3	-19.0	5.4
3	207	1730	43 7.3	-51 20.2	2				
3	207	1800	43 5.0	-51 22.5	2	5.7	216.1	-18.3	5.3
3	207	1800	43 5.0	-51 22.5	2				
3	207	1830	43 2.5	-51 24.6	2	5.9	211.5	-16.7	5.4
3	207	1830	43 2.5	-51 24.6	2				
3	207	1900	43 0	-51 26.7	2	5.9	211.6	-16.7	5.4
3	207	1900	43 0	-51 26.7	2				
3	207	1930	42 57.3	-51 29.1	2	6.4	213.0	-19.1	6.0
3	207	1930	42 57.3	-51 29.1	2				
3	207	2000	42 54.7	-51 31.5	2	6.3	214.1	-19.1	5.8
3	207	2000	42 54.7	-51 31.5	2				
3	207	2030	42 52.1	-51 33.6	2	6.0	210.6	-16.8	5.6
3	207	2030	42 52.1	-51 33.6	2				
3	207	2100	42 49.5	-51 35.7	2	6.0	210.6	-16.8	5.6
3	207	2100	42 49.5	-51 35.7	2				
3	207	2130	42 46.9	-51 37.8	2	6.0	210.7	-16.8	5.6

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	207	2130	42 46.9	-51 37.8	2				
3	207	2200	42 44.2	-51 39.9	2	6.2	209.7	-16.8	5.8
3	207	2200	42 44.2	-51 39.9	2				
3	207	2230	42 41.5	-51 42.0	2	6.2	209.7	-16.9	5.8
3	207	2230	42 41.5	-51 42.0	2				
3	207	2300	42 38.8	-51 44.0	2	6.2	208.6	-16.1	5.7
3	207	2300	42 38.8	-51 44.0	2				
3	207	2330	42 36.1	-51 46.0	2	6.2	208.6	-16.1	5.7
3	207	2330	42 36.1	-51 46.0	2				
3	207	2330	42 36.1	-51 46.0	2				
0	207	2359	42 33.5	-51 47.9	5	6.2	208.6	-16.1	5.5
3	208	0	42 33.4	-51 48.0	8	6.7	209.8	-18.2	.2
3	208	0	42 33.4	-51 48.0	8				
3	208	100	42 28.0	-51 52.0	8	6.2	208.6	-16.2	11.4
3	208	100	42 28.0	-51 52.0	8				
3	208	200	42 23.0	-51 56.0	8	5.8	210.6	-16.2	10.8
3	208	200	42 23.0	-51 56.0	8				
3	208	200	42 23.0	-51 56.0	8				
3	208	300	42 18.2	-52 0	8	5.6	211.6	-16.3	10.4
3	208	300	42 18.2	-52 0	8				
3	208	400	42 14.2	-52 3.8	5	4.9	215.1	-15.5	9.1
3	208	400	42 14.2	-52 3.8	5				
3	208	500	42 10.0	-52 7.6	5	5.1	213.8	-15.5	9.4
3	208	500	42 10.0	-52 7.6	5				
3	208	600	42 5.8	-52 11.2	8	5.0	212.4	-14.8	9.2
3	208	600	42 5.8	-52 11.2	8				
3	208	730	41 59.5	-52 17.8	5	5.3	217.9	-18.1	14.8
3	208	730	41 59.5	-52 17.8	5				
3	208	800	41 57.4	-52 20.0	8	5.3	217.9	-18.1	4.9
3	208	800	41 57.4	-52 20.0	8				
3	208	900	41 53.0	-52 24.4	5	5.5	216.7	-18.2	10.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	LOTVOS	DISTAN (KM)
3	208	900	41 53.0	-52 24.4	5				
3	208	930	41 50.8	-52 26.2	2	5.2	211.4	-14.9	4.8
3	208	930	41 50.8	-52 26.2	2				
3	208	1000	41 48.5	-52 28.0	2	5.3	210.2	-14.9	4.9
3	208	1030	41 46.3	-52 28.0	2				
3	208	1030	41 46.3	-52 30.0	5	5.3	214.1	-16.6	4.9
3	208	1030	41 46.3	-52 30.0	5				
3	208	1100	41 44.0	-52 32.0	8	5.5	213.0	-16.6	5.1
3	208	1100	41 44.0	-52 32.0	8				
3	208	1200	41 39.2	-52 35.0	8	5.3	205.0	-12.4	9.8
3	208	1200	41 39.2	-52 35.0	8				
3	208	1230	41 36.8	-52 35.0	8	5.4	206.5	-13.3	5.0
3	208	1230	41 36.8	-52 36.6	8				
3	208	1300	41 34.6	-52 38.5	8	5.2	212.9	-15.8	4.9
3	208	1300	41 34.6	-52 38.5	8				
3	208	1430	41 27.8	-52 44.1	5	5.3	211.7	-15.6	14.8
3	208	1430	41 27.8	-52 44.1	5				
3	208	1600	41 21.2	-52 49.5	5	5.2	211.5	-15.1	14.3
3	208	1600	41 21.2	-52 49.5	5				
2	208	1736	41 14.5	-52 54.3	2	4.8	208.3	-12.6	14.1
1	208	1800	41 11.9	-52 49.0	5				
3	208	1900	41 6.0	-52 35.2	5	12.0	119.6	59.3	22.1
3	208	1900	41 6.0	-52 35.2	5				
3	208	1932	41 2.5	-52 28.2	2	11.9	123.6	56.6	11.7
3	208	1932	41 2.5	-52 28.2	2				
3	208	2000	40 59.9	-52 22.4	2	10.9	120.7	53.6	9.4
3	208	2000	40 59.9	-52 22.4	2				
3	208	2100	40 53.8	-52 8.5	2	12.1	120.2	60.1	22.5
3	208	2100	40 53.8	-52 8.5	2				
3	208	2144	40 49.7	-51 58.8	2	11.5	119.2	57.3	15.6

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	208	2144	40 49.7	-51 58.8	2				
3	208	2210	40 48.8	-51 56.0	5	5.3	113.0	27.9	4.3
3	208	2210	40 48.8	-51 56.0	5				
3	208	2300	40 45.7	-51 53.3	2	4.5	146.6	14.0	6.9
3	208	2300	40 45.7	-51 53.3	2				
0	208	2359	40 41.7	-51 50.0	5	4.8	148.6	14.3	8.8
0	208	2359	40 41.7	-51 50.0	5				
3	209	0	40 41.6	-51 50.0	2	4.7	147.7	14.4	.1
3	209	0	40 41.6	-51 50.0	2				
3	209	100	40 37.9	-51 46.9	2	4.4	147.6	13.5	8.1
3	209	100	40 37.9	-51 46.9	2				
3	209	200	40 34.2	-51 43.2	2	4.6	142.8	16.1	8.6
3	209	200	40 34.2	-51 43.2	2				
3	209	230	40 32.4	-51 41.5	2	4.4	144.3	14.8	4.1
3	209	230	40 32.4	-51 41.5	2				
3	209	300	40 30.6	-51 39.9	2	4.3	146.0	14.0	4.0
3	209	300	40 30.6	-51 39.9	2				
3	209	400	40 26.8	-51 35.9	2	4.9	141.3	17.5	9.0
3	209	400	40 26.8	-51 35.9	2				
3	209	430	40 24.7	-51 34.0	2	5.1	145.4	16.6	4.7
3	209	430	40 24.7	-51 34.0	2				
3	209	500	40 22.6	-51 32.1	2	5.1	145.4	16.7	4.7
3	209	500	40 22.6	-51 32.1	2				
3	209	600	40 17.2	-51 29.4	2	5.8	159.1	11.9	10.7
3	209	600	40 17.2	-51 29.4	2				
3	209	700	40 10.9	-51 26.5	2	6.7	160.6	12.9	12.4
3	209	700	40 10.9	-51 26.5	2				
3	209	730	40 7.2	-51 24.7	5	7.9	159.6	16.0	7.3
3	209	730	40 7.2	-51 24.7	5				
3	209	800	40 3.6	-51 22.8	2	7.8	158.0	16.9	7.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	209	800	40 3.6	-51 22.8	2				
3	209	830	39 59.9	-51 20.5	5	8.2	154.5	20.5	7.6
3	209	830	39 59.9	-51 20.5	5				
3	209	900	39 56.2	-51 18.3	2	8.1	155.5	19.7	7.5
3	209	900	39 56.2	-51 18.3	2				
3	209	1000	39 49.0	-51 14.8	2	7.7	159.5	15.7	14.2
3	209	1000	39 49.0	-51 14.8	2				
3	209	1050	39 42.2	-51 11.0	5	8.9	156.8	20.6	13.7
3	209	1050	39 42.2	-51 11.0	5				
3	209	1100	39 42.6	-51 10.6	2	3.0	37.6	10.7	.9
3	209	1100	39 42.6	-51 10.6	2				
3	209	1200	39 46.0	-51 12.3	2	3.6	339.0	-7.5	6.7
3	209	1200	39 46.0	-51 12.3	2				
3	209	1230	39 47.7	-51 13.3	5	3.7	335.7	-8.8	3.5
3	209	1230	39 47.7	-51 13.3	5				
3	209	1300	39 49.5	-51 14.3	2	3.9	336.9	-8.8	3.6
3	209	1300	39 49.5	-51 14.3	2				
3	209	1330	39 51.2	-51 15.0	2	3.6	342.5	-6.1	3.3
3	209	1330	39 51.2	-51 15.0	2				
3	209	1356	39 53.0	-51 15.2	2	4.2	355.1	-2.0	3.3
3	209	1356	39 53.0	-51 15.2	2				
3	209	1430	39 55.1	-51 14.8	5	3.7	8.3	3.2	3.9
3	209	1430	39 55.1	-51 14.8	5				
3	209	1500	39 56.9	-51 14.3	2	3.7	12.0	4.5	3.4
3	209	1500	39 56.9	-51 14.3	2				
3	209	1500	39 56.9	-51 14.3	2				
3	209	1600	40 1.0	-51 13.8	2	4.1	5.3	2.3	7.6
3	209	1600	40 1.0	-51 13.8	2				
3	209	1630	40 3.3	-51 13.7	2	4.6	1.9	1.0	4.3
3	209	1630	40 3.3	-51 13.7	2				
3	209	1630	40 3.3	-51 13.7	2				
3	209	1700	40 5.6	-51 13.6	2	4.6	1.9	1.0	4.3

A-J5J

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	209	1700	40 5.6	-51 13.6	2				
3	209	1800	40 10.9	-51 13.9	2	5.3	357.5	-1.2	9.8
3	209	1800	40 10.9	-51 13.9	2				
3	209	1900	40 16.5	-51 13.9	2	5.6	0	.1	10.4
3	209	1900	40 16.5	-51 13.9	2				
3	209	2000	40 22.3	-51 13.7	2	5.8	1.5	1.0	10.8
3	209	2000	40 22.3	-51 13.7	2				
3	209	2030	40 25.2	-51 13.5	2	5.8	3.0	1.9	5.4
3	209	2030	40 25.2	-51 13.5	2				
3	209	2100	40 28.1	-51 13.3	2	5.8	3.0	1.9	5.4
3	209	2100	40 28.1	-51 13.3	2				
3	209	2100	40 28.1	-51 13.3	2				
3	209	2200	40 34.3	-51 13.8	2	6.2	356.5	-2.0	11.5
3	209	2200	40 34.3	-51 13.8	2				
3	209	2300	40 40.5	-51 13.9	2	6.2	359.3	-0.3	11.5
3	209	2300	40 40.5	-51 13.9	2				
3	209	2300	40 40.5	-51 13.9	2				
3	209	2320	40 42.3	-51 13.8	2	5.4	2.4	1.4	3.3
3	209	2320	40 42.3	-51 13.8	2				
0	209	2359	40 38.1	-51 7.3	5	10.0	130.3	43.9	12.0
0	209	2359	40 38.1	-51 7.3	5				
3	210	0	40 38.0	-51 7.1	2	9.7	129.5	43.0	.3
3	210	0	40 38.0	-51 7.1	2				
3	210	30	40 33.5	-51 1.4	5	12.5	136.1	50.0	11.6
3	210	30	40 33.5	-51 1.4	5				
3	210	100	40 29.0	-50 55.8	2	12.4	136.6	49.2	11.5
3	210	100	40 29.0	-50 55.8	2				
3	210	130	40 24.0	-50 50.6	5	12.8	141.6	45.9	11.8
3	210	130	40 24.0	-50 50.6	5				
3	210	230	40 13.6	-50 40.4	5	13.0	143.2	45.2	24.1
3	210	230	40 13.6	-50 40.4	5				
3	210	415	39 55.8	-50 23.2	5	12.7	143.5	43.9	41.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EUTVOS	DISTAN (KM)
3	210	415	39 55.8	-50 23.2	5				
3	210	500	40 4.8	-50 23.8	5	12.0	357.1	-2.9	16.7
3	210	500	40 4.8	-50 23.8	5				
3	210	600	40 16.6	-50 24.8	8	11.8	356.3	-3.8	21.9
3	210	600	40 16.6	-50 24.8	8				
3	210	800	40 39.4	-50 26.2	8	11.4	357.3	-2.5	42.3
3	210	800	40 39.4	-50 26.2	8				
3	210	830	40 45.1	-50 25.9	5	11.4	2.3	3.1	10.6
3	210	830	40 45.1	-50 25.9	5				
3	210	1130	41 21.5	-50 23.8	2	12.1	2.5	3.6	67.5
3	210	1130	41 21.5	-50 23.8	2				
3	210	1200	41 28.0	-50 23.0	5	13.1	5.3	7.5	12.1
3	210	1200	41 28.0	-50 23.0	5				
3	210	1200	41 28.0	-50 23.0	5				
2	210	1248	41 38.8	-50 21.6	5	13.6	5.5	8.1	20.1
1	210	1300	41 37.3	-50 24.5	2				
3	210	1308	41 35.7	-50 24.7	2	12.1	185.3	-5.7	3.0
3	210	1308	41 35.7	-50 24.7	2				
3	210	1332	41 30.7	-50 24.9	2	12.5	181.7	-1.5	9.3
3	210	1332	41 30.7	-50 24.9	2				
3	210	1332	41 30.7	-50 24.9	2				
3	210	1340	41 29.0	-50 24.8	2	12.8	177.5	3.8	3.2
3	210	1340	41 29.0	-50 24.8	2				
3	210	1356	41 25.8	-50 24.6	2	12.0	177.3	3.8	5.9
3	210	1356	41 25.8	-50 24.6	2				
3	210	1412	41 24.5	-50 24.3	2	5.0	170.2	4.9	2.4
3	210	1412	41 24.5	-50 24.3	2				
3	210	1420	41 23.8	-50 24.0	2	5.5	162.2	9.6	1.4
3	210	1420	41 23.8	-50 24.0	2				
3	210	1428	41 23.0	-50 23.8	2	6.1	169.4	6.5	1.5
3	210	1428	41 23.0	-50 23.8	2				
3	210	1428	41 23.0	-50 23.8	2				
3	210	1436	41 22.2	-50 23.7	2	6.0	174.6	3.3	1.5

NAVIGATION FIX

CSS HUDSON 72-J21

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	210	1436	41 22.2	-50 23.7	2				
3	210	1524	41 17.5	-50 23.8	2	5.9	180.9	-0.4	8.7
3	210	1524	41 17.5	-50 23.8	2				
3	210	1540	41 15.9	-50 24.0	2	6.0	185.4	-3.0	3.0
3	210	1540	41 15.9	-50 24.0	2				
2	210	1628	41 11.3	-50 24.2	2	5.8	181.9	-0.9	8.5
1	210	1636	41 11.3	-50 24.6	2				
3	210	1644	41 13.0	-50 24.4	2	15.0	4.3	7.3	3.7
3	210	1644	41 13.0	-50 24.4	2				
3	210	1708	41 18.3	-50 24.4	2	13.3	0	.7	9.8
3	210	1708	41 18.3	-50 24.4	2				
2	210	1716	41 20.0	-50 24.5	2	12.8	357.5	-2.5	3.2
1	210	2045	41 23.4	-50 22.8	5				
3	210	2100	41 20.7	-50 24.8	2	12.4	209.1	-33.2	5.7
3	210	2100	41 20.7	-50 24.8	2				
3	210	2330	40 52.4	-50 44.5	5	12.8	207.7	-32.9	59.2
3	210	2330	40 52.4	-50 44.5	5				
2	210	2359	40 46.8	-50 48.3	5	13.0	207.0	-32.8	11.7
1	211	0	40 46.6	-50 48.4	2				
3	211	30	40 40.9	-50 53.3	5	13.6	213.1	-41.5	12.6
3	211	30	40 40.9	-50 53.3	5				
3	211	100	40 35.2	-50 58.3	5	13.7	213.7	-42.4	12.7
3	211	100	40 35.2	-50 58.3	5				
3	211	130	40 29.8	-51 4.3	5	14.1	220.2	-51.2	13.1
3	211	130	40 29.8	-51 4.3	5				
3	211	228	40 20.1	-51 16.9	2	14.1	224.7	-55.9	25.3
3	211	228	40 20.1	-51 16.9	2				
3	211	244	40 20.4	-51 21.7	2	13.8	274.7	-77.7	6.8
3	211	244	40 20.4	-51 21.7	2				
2	211	300	40 20.8	-51 26.6	2	14.1	276.1	-79.3	7.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
1	211	610	40 20.8	-51 34.0	5				
3	211	700	40 24.2	-51 49.8	8	15.0	285.8	-81.7	23.2
3	211	700	40 24.2	-51 49.8	8				
3	211	930	40 34.9	-52 35.2	5	14.5	287.2	-78.0	67.0
3	211	930	40 34.9	-52 35.2	5				
3	211	1030	40 38.2	-52 52.0	8	13.2	284.5	-72.0	24.4
3	211	1030	40 38.2	-52 52.0	8				
3	211	1200	40 45.8	-53 18.0	2	14.1	291.1	-74.0	39.1
3	211	1200	40 45.8	-53 18.0	2				
3	211	1230	40 48.0	-53 26.8	5	14.0	288.3	-74.9	13.0
3	211	1230	40 48.0	-53 26.8	5				
3	211	1330	40 52.5	-53 44.3	5	14.0	288.8	-74.4	25.9
3	211	1330	40 52.5	-53 44.3	5				
3	211	1500	40 58.8	-54 10.2	8	13.7	287.8	-73.2	38.1
3	211	1500	40 58.8	-54 10.2	8				
3	211	1530	41 1.3	-54 19.2	5	14.5	290.2	-76.1	13.4
3	211	1530	41 1.3	-54 19.2	5				
3	211	1800	41 13.8	-55 4.1	8	14.4	290.3	-75.6	66.8
3	211	1800	41 13.8	-55 4.1	8				
3	211	1830	41 13.8	-55 4.1	8				
3	211	1900	41 19.0	-55 21.8	8	14.3	291.4	-74.2	26.5
3	211	1900	41 19.0	-55 21.8	8				
3	211	1930	41 21.2	-55 30.0	8	13.1	289.7	-68.7	12.1
3	211	1930	41 21.2	-55 30.0	8				
3	211	1930	41 21.2	-55 30.0	8				
3	211	2000	41 22.2	-55 38.6	8	13.1	278.8	-72.0	12.1
3	211	2000	41 22.2	-55 38.6	8				
3	211	2030	41 23.1	-55 46.9	5	12.6	278.2	-69.5	11.7
3	211	2030	41 23.1	-55 46.9	5				
3	211	2130	41 24.3	-56 4.5	5	13.3	275.2	-73.6	24.6
3	211	2130	41 24.3	-56 4.5	5				
3	211	2230	41 24.9	-56 23.0	5	13.9	272.5	-77.3	25.7

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	211	2230	41 24.9	-56 23.0	5				
2	211	2358	41 26.0	-56 50.6	5	14.1	273.0	-78.6	38.4
1	212	J	41 26.0	-56 50.9	2				
3	212	100	41 27.0	-57 9.2	8	13.8	274.2	-76.4	25.5
3	212	100	41 27.0	-57 9.2	8				
3	212	130	41 27.3	-57 18.8	5	14.4	272.4	-80.1	13.3
3	212	130	41 27.3	-57 18.8	5				
3	212	300	41 28.2	-57 47.8	8	14.5	272.4	-80.6	40.3
3	212	300	41 28.2	-57 47.8	8				
3	212	330	41 28.8	-57 57.8	5	15.0	274.6	-83.3	13.9
3	212	330	41 28.8	-57 57.8	5				
3	212	400	41 33.1	-58 5.9	5	14.9	305.3	-67.3	13.8
3	212	400	41 33.1	-58 5.9	5				
3	212	600	41 50.4	-58 38.6	8	15.0	305.3	-67.5	55.4
3	212	600	41 50.4	-58 38.6	8				
3	212	730	42 3.3	-59 3.9	8	15.2	304.4	-69.1	42.3
3	212	730	42 3.3	-59 3.9	8				
3	212	830	42 11.7	-59 20.9	5	15.2	303.7	-69.2	28.1
3	212	830	42 11.7	-59 20.9	5				
2	212	930	42 20.0	-59 37.8	5	15.0	303.6	-68.5	27.8
1	213	320	42 20.9	-59 29.6	2				
3	213	340	42 20.0	-59 34.0	2	10.1	254.5	-53.7	6.3
3	213	340	42 20.0	-59 34.0	2				
3	213	400	42 18.8	-59 38.4	2	10.4	249.8	-53.7	6.4
3	213	400	42 18.8	-59 38.4	2				
3	213	440	42 16.5	-59 47.4	2	10.6	250.9	-55.0	13.0
3	213	440	42 16.5	-59 47.4	2				
3	213	520	42 14.2	-59 56.2	2	10.4	250.6	-53.8	12.8
3	213	520	42 14.2	-59 56.2	2				
3	213	600	42 11.8	-60 5.2	2	10.6	250.2	-55.1	13.1

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	213	600	42 11.8	-60 5.2	2				
3	213	620	42 10.6	-60 9.6	2	10.4	249.8	-53.9	6.4
3	213	620	42 10.6	-60 9.6	2				
3	213	640	42 9.4	-60 14.0	2	10.4	249.8	-54.0	6.4
3	213	640	42 9.4	-60 14.0	2				
3	213	700	42 8.0	-60 18.4	2	10.7	246.8	-54.0	6.6
3	213	700	42 8.0	-60 18.4	2				
3	213	720	42 6.8	-60 22.8	2	10.4	249.8	-54.1	6.4
3	213	720	42 6.8	-60 22.8	2				
2	213	730	42 6.3	-60 24.9	5	9.8	252.2	-51.7	3.0
1	213	1008	42 6.0	-60 24.6	2				
3	213	1020	42 6.7	-60 21.9	2	10.6	70.7	56.2	3.9
3	213	1020	42 6.7	-60 21.9	2				
3	213	1040	42 7.9	-60 17.6	2	10.2	69.4	53.7	6.3
3	213	1040	42 7.9	-60 17.6	2				
3	213	1100	42 9.1	-60 13.3	2	10.2	69.4	53.7	6.3
3	213	1100	42 9.1	-60 13.3	2				
3	213	1140	42 11.6	-60 4.7	2	10.3	68.6	53.6	12.7
3	213	1140	42 11.6	-60 4.7	2				
3	213	1200	42 12.6	-60 .4	2	10.0	72.6	53.5	6.2
3	213	1200	42 12.6	-60 .4	2				
3	213	1220	42 13.8	-59 56.2	2	10.0	68.9	52.3	6.2
3	213	1220	42 13.8	-59 56.2	2				
3	213	1240	42 15.0	-59 52.0	2	10.0	68.9	52.3	6.2
3	213	1240	42 15.0	-59 52.0	2				
3	213	1300	42 16.3	-59 47.9	2	9.9	66.8	51.0	6.1
3	213	1300	42 16.3	-59 47.9	2				
3	213	1320	42 17.5	-59 43.7	2	10.0	68.9	52.2	6.2
3	213	1320	42 17.5	-59 43.7	2				
3	213	1340	42 18.8	-59 39.7	2	9.7	66.3	49.7	6.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	213	1340	42 18.8	-59 39.7	2				
2	213	1400	42 19.1	-59 33.9	2	12.9	86.0	72.1	8.0
1	213	1820	42 20.7	-59 33.9	2				
3	213	1840	42 20.1	-59 36.0	2	5.0	248.9	-25.7	3.1
3	213	1840	42 20.1	-59 36.0	2				
3	213	1900	42 19.5	-59 38.1	2	5.0	248.9	-25.7	3.1
3	213	1900	42 19.5	-59 38.1	2				
3	213	1920	42 18.9	-59 40.4	2	5.4	250.6	-28.2	3.3
3	213	1920	42 18.9	-59 40.4	2				
3	213	1940	42 18.3	-59 42.6	2	5.2	249.8	-27.0	3.2
3	213	1940	42 18.3	-59 42.6	2				
3	213	2000	42 17.8	-59 44.7	2	4.9	252.2	-25.8	3.0
3	213	2000	42 17.8	-59 44.7	2				
3	213	2020	42 17.2	-59 46.7	2	4.8	247.9	-24.5	3.0
3	213	2020	42 17.2	-59 46.7	2				
3	213	2040	42 16.5	-59 48.7	2	4.9	244.7	-24.6	3.0
3	213	2040	42 16.5	-59 48.7	2				
3	213	2100	42 15.8	-59 50.8	2	5.1	245.8	-25.8	3.2
3	213	2100	42 15.8	-59 50.8	2				
3	213	2120	42 15.0	-59 52.7	2	4.9	240.4	-23.3	3.0
3	213	2120	42 15.0	-59 52.7	2				
3	213	2140	42 14.2	-59 54.5	2	4.7	239.0	-22.1	2.9
3	213	2140	42 14.2	-59 54.5	2				
3	213	2200	42 13.5	-59 56.6	2	5.1	245.8	-25.8	3.2
3	213	2200	42 13.5	-59 56.6	2				
3	213	2220	42 12.7	-59 58.6	2	5.1	241.6	-24.6	3.1
3	213	2220	42 12.7	-59 58.6	2				
3	213	2240	42 11.9	-60 .6	2	5.1	241.6	-24.6	3.1
3	213	2240	42 11.9	-60 .6	2				
3	213	2300	42 11.2	-60 2.6	2	4.9	244.7	-24.6	3.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	213	2300	42 11.2	-60 2.6	2				
3	213	2320	42 10.5	-60 4.8	2	5.3	246.8	-27.1	3.3
3	213	2320	42 10.5	-60 4.8	2				
3	213	2340	42 10.0	-60 6.9	2	4.9	252.2	-25.9	3.0
3	213	2340	42 10.0	-60 6.9	2				
0	213	2359	42 9.5	-60 9.1	5	5.3	253.5	-28.3	3.1
0	213	2359	42 9.5	-60 9.1	5				
3	214	0	42 9.5	-60 9.2	2	5.7	257.3	-30.7	.2
3	214	0	42 9.5	-60 9.2	2				
3	214	20	42 9.1	-60 11.7	2	5.7	257.8	-30.8	3.5
3	214	20	42 9.1	-60 11.7	2				
3	214	40	42 8.7	-60 14.0	2	5.3	256.8	-28.4	3.2
3	214	40	42 8.7	-60 14.0	2				
3	214	40	42 8.7	-60 14.0	2				
3	214	100	42 8.2	-60 16.5	2	5.8	254.9	-30.8	3.6
3	214	100	42 8.2	-60 16.5	2				
3	214	120	42 7.7	-60 18.8	2	5.3	253.7	-28.4	3.3
3	214	120	42 7.7	-60 18.8	2				
3	214	120	42 7.7	-60 18.8	2				
2	214	140	42 7.0	-60 21.1	2	5.5	247.7	-28.4	3.4
1	214	340	42 2.6	-60 19.4	2				
3	214	400	42 5.8	-60 22.3	2	11.6	326.1	-35.4	7.1
3	214	400	42 5.8	-60 22.3	2				
3	214	420	42 8.9	-60 26.4	2	13.0	315.6	-50.1	8.0
3	214	420	42 8.9	-60 26.4	2				
3	214	500	42 15.0	-60 35.0	2	13.2	313.8	-52.4	16.3
3	214	500	42 15.0	-60 35.0	2				
3	214	520	42 17.6	-60 39.1	2	12.0	310.6	-50.0	7.4
3	214	520	42 17.6	-60 39.1	2				
2	214	540	42 18.7	-60 41.0	2	5.4	308.1	-23.3	3.3
1	214	820	42 18.4	-60 40.5	2				
3	214	840	42 19.8	-60 39.6	2	4.7	25.4	11.2	2.9

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	214	840	42 19.8	-60 39.6	2				
3	214	920	42 22.8	-60 38.0	2	4.8	21.5	9.9	6.0
3	214	920	42 22.8	-60 38.0	2				
3	214	940	42 24.4	-60 37.3	2	5.0	17.9	8.7	3.1
3	214	940	42 24.4	-60 37.3	2				
3	214	1000	42 25.1	-60 35.5	2	4.5	62.2	22.2	2.8
3	214	1000	42 25.1	-60 35.5	2				
3	214	1020	42 25.6	-60 33.4	2	4.9	72.1	25.9	3.0
3	214	1020	42 25.6	-60 33.4	2				
3	214	1040	42 26.1	-60 31.4	2	4.7	71.3	24.6	2.9
3	214	1040	42 26.1	-60 31.4	2				
3	214	1100	42 26.7	-60 29.0	2	5.6	71.3	29.6	3.5
3	214	1100	42 26.7	-60 29.0	2				
3	214	1120	42 27.3	-60 26.8	2	5.2	69.7	27.1	3.2
3	214	1120	42 27.3	-60 26.8	2				
3	214	1140	42 28.0	-60 24.5	2	5.5	67.6	28.3	3.4
3	214	1140	42 28.0	-60 24.5	2				
3	214	1200	42 28.6	-60 22.0	2	5.8	72.0	30.8	3.6
3	214	1200	42 28.6	-60 22.0	2				
3	214	1220	42 29.3	-60 19.7	2	5.5	67.6	28.3	3.4
3	214	1220	42 29.3	-60 19.7	2				
3	214	1240	42 30.0	-60 17.3	2				
3	214	1240	42 30.0	-60 17.3	2	5.7	68.4	29.5	3.5
3	214	1300	42 30.6	-60 14.9	2	5.6	71.3	29.5	3.5
3	214	1300	42 30.6	-60 14.9	2				
3	214	1320	42 31.2	-60 12.7	2	5.2	69.7	27.0	3.2
3	214	1320	42 31.2	-60 12.7	2				
3	214	1340	42 31.9	-60 10.3	2	5.7	68.4	29.5	3.5
3	214	1340	42 31.9	-60 10.3	2				
3	214	1400	42 32.6	-60 8.0	2	5.5	67.6	28.2	3.4

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	214	1400	42 32.6	-60 8.0	2				
3	214	1420	42 33.2	-60 5.8	2	5.2	69.7	27.0	3.2
3	214	1420	42 33.2	-60 5.8	2				
3	214	1440	42 33.8	-60 3.5	2	5.4	70.5	28.2	3.3
3	214	1440	42 33.8	-60 3.5	2				
3	214	1500	42 34.4	-60 1.2	2	5.4	70.5	28.2	3.3
3	214	1500	42 34.4	-60 1.2	2				
3	214	1540	42 35.8	-59 56.6	2	5.5	67.5	28.2	6.8
3	214	1540	42 35.8	-59 56.6	2				
3	214	1600	42 36.4	-59 54.2	2	5.6	71.2	29.4	3.5
3	214	1600	42 36.4	-59 54.2	2				
3	214	1620	42 37.1	-59 51.7	2	5.9	69.2	30.6	3.6
3	214	1620	42 37.1	-59 51.7	2				
3	214	1640	42 37.6	-59 49.1	2	5.9	75.4	31.8	3.7
3	214	1640	42 37.6	-59 49.1	2				
3	214	1700	42 38.0	-59 46.5	2	5.9	78.2	31.8	3.6
3	214	1700	42 38.0	-59 46.5	2				
3	214	1720	42 36.5	-59 46.0	2	4.6	166.2	6.2	2.9
3	214	1720	42 36.5	-59 46.0	2				
2	214	1740	42 34.9	-59 45.7	2	4.8	172.1	3.8	3.0
1	214	1820	42 32.8	-59 45.3	2				
3	214	1840	42 37.0	-59 43.4	2	13.3	18.4	23.9	8.2
3	214	1840	42 37.0	-59 43.4	2				
3	214	1900	42 40.9	-59 41.2	2	12.7	22.5	27.5	7.8
3	214	1900	42 40.9	-59 41.2	2				
3	214	1920	42 44.8	-59 38.9	2	12.8	23.4	28.6	7.9
3	214	1920	42 44.8	-59 38.9	2				
3	214	1940	42 48.7	-59 37.0	2	12.4	19.7	23.7	7.7
3	214	1940	42 48.7	-59 37.0	2				
3	214	2000	42 52.7	-59 35.2	2	12.6	18.3	22.5	7.8

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	214	2000	42 52.7	-59 35.2	2				
3	214	2020	42 56.6	-59 33.3	2	12.4	19.6	23.6	7.7
3	214	2020	42 56.6	-59 33.3	2				
3	214	2100	43 5.0	-59 29.7	2	13.2	17.4	22.4	16.3
3	214	2100	43 5.0	-59 29.7	2				
3	214	2120	43 9.1	-59 27.8	2	13.0	18.7	23.5	8.0
3	214	2120	43 9.1	-59 27.8	2				
3	214	2140	43 12.9	-59 25.7	2	12.3	21.9	25.8	7.6
3	214	2140	43 12.9	-59 25.7	2				
3	214	2200	43 15.6	-59 24.1	2	8.8	23.4	19.4	5.4
3	214	2200	43 15.6	-59 24.1	2				
3	214	2220	43 18.7	-59 21.9	2	10.5	27.3	26.7	6.5
3	214	2220	43 18.7	-59 21.9	2				
3	214	2220	43 18.7	-59 21.9	2				
3	214	2240	43 22.5	-59 19.1	2	12.9	28.2	34.0	8.0
3	214	2240	43 22.5	-59 19.1	2				
2	214	2300	43 26.3	-59 16.9	2	12.4	22.8	26.8	7.6
1	215	400	43 27.3	-59 23.7	2				
3	215	440	43 24.7	-59 33.9	2	11.8	250.7	-60.0	14.5
3	215	440	43 24.7	-59 33.9	2				
3	215	520	43 22.1	-59 43.9	2	11.6	250.3	-58.9	14.3
3	215	520	43 22.1	-59 43.9	2				
3	215	540	43 20.9	-59 48.7	2	11.1	251.0	-56.6	6.8
3	215	540	43 20.9	-59 48.7	2				
3	215	600	43 19.6	-59 53.4	2	11.0	249.2	-55.5	6.8
3	215	600	43 19.6	-59 53.4	2				
3	215	620	43 17.9	-59 58.8	2	12.8	246.6	-63.7	7.9
3	215	620	43 17.9	-59 58.8	2				
3	215	700	43 14.2	-60 10.0	2	13.4	245.6	-66.1	16.6
3	215	700	43 14.2	-60 10.0	2				
3	215	720	43 12.4	-60 15.6	2	13.4	246.2	-66.2	8.3

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	215	720	43 12.4	-60 15.6	2				
3	215	740	43 10.9	-60 21.3	2	13.3	250.2	-67.5	8.2
3	215	740	43 10.9	-60 21.3	2				
3	215	800	43 9.3	-60 27.0	2	13.4	248.9	-67.5	8.3
3	215	800	43 9.3	-60 27.0	2				
3	215	820	43 7.8	-60 32.7	2	13.3	250.2	-67.6	8.2
3	215	820	43 7.8	-60 32.7	2				
3	215	840	43 6.6	-60 38.5	2	13.2	254.2	-68.9	8.2
3	215	840	43 6.6	-60 38.5	2				
3	215	900	43 5.3	-60 44.0	2	12.7	252.1	-65.4	7.8
3	215	900	43 5.3	-60 44.0	2				
3	215	920	43 4.0	-60 49.6	2	12.9	252.4	-66.6	8.0
3	215	920	43 4.0	-60 49.6	2				
3	215	940	43 2.5	-60 55.2	2	13.1	249.9	-66.6	8.1
3	215	940	43 2.5	-60 55.2	2				
3	215	1000	43 .9	-61 .7	2	13.0	248.3	-65.5	8.0
3	215	1000	43 .9	-61 .7	2				
3	215	1020	42 59.3	-61 6.0	2	12.6	247.6	-63.2	7.8
3	215	1020	42 59.3	-61 6.0	2				
3	215	1040	42 57.9	-61 11.3	2	12.4	250.1	-63.2	7.6
3	215	1040	42 57.9	-61 11.3	2				
3	215	1100	42 56.6	-61 16.6	2	12.3	251.5	-63.3	7.6
3	215	1100	42 56.6	-61 16.6	2				
2	215	1120	42 55.4	-61 21.9	2	12.2	252.8	-63.4	7.5
1	215	1740	42 56.0	-61 16.0	2				
3	215	1800	42 57.0	-61 12.8	2	7.6	66.9	38.9	4.7
3	215	1800	42 57.0	-61 12.8	2				
3	215	1820	42 58.9	-61 7.5	2	13.0	63.9	64.6	8.0
3	215	1820	42 58.9	-61 7.5	2				
3	215	1840	43 .4	-61 2.0	2	12.9	69.6	66.9	8.0

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	215	1840	43 .4	-61 2.0	2				
3	215	1900	43 1.8	-60 56.5	2	12.8	70.8	66.9	7.9
3	215	1900	43 1.8	-60 56.5	2				
3	215	1920	43 3.5	-60 51.0	2	13.1	67.1	66.9	8.1
3	215	1920	43 3.5	-60 51.0	2				
3	215	1940	43 5.3	-60 45.5	2	13.2	65.9	66.8	8.2
3	215	1940	43 5.3	-60 45.5	2				
3	215	2000	43 6.9	-60 40.0	2	13.0	68.3	66.7	8.0
3	215	2000	43 6.9	-60 40.0	2				
3	215	2020	43 8.4	-60 34.4	2	13.1	69.8	67.9	8.1
3	215	2020	43 8.4	-60 34.4	2				
3	215	2100	43 11.6	-60 23.6	2	12.8	67.9	65.4	15.8
3	215	2100	43 11.6	-60 23.6	2				
3	215	2120	43 13.0	-60 18.0	2	12.9	71.1	67.7	8.0
3	215	2120	43 13.0	-60 18.0	2				
3	215	2140	43 14.3	-60 12.3	2	13.1	72.6	68.8	8.1
3	215	2140	43 14.3	-60 12.3	2				
3	215	2200	43 15.6	-60 6.8	2	12.6	72.0	66.4	7.8
3	215	2200	43 15.6	-60 6.8	2				
3	215	2240	43 18.4	-59 55.8	2	12.7	70.7	66.3	15.7
3	215	2240	43 18.4	-59 55.8	2				
3	215	2300	43 19.7	-59 50.4	5	12.4	71.7	65.0	7.7
3	215	2300	43 19.7	-59 50.4	5				
3	215	2320	43 21.4	-59 45.0	2	12.8	66.6	65.0	7.9
3	215	2320	43 21.4	-59 45.0	2				
3	215	2340	43 22.9	-59 39.6	2	12.6	69.1	64.9	7.8
3	215	2340	43 22.9	-59 39.6	2				
0	215	2359	43 24.2	-59 34.3	5	12.9	71.1	67.3	7.6
0	215	2359	43 24.2	-59 34.3	5				
3	216	0	43 24.3	-59 34.0	2	13.2	68.5	67.8	.4

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	216	0	43 24.3	-59 34.0	2				
3	216	20	43 25.7	-59 28.4	2	12.9	71.0	67.2	8.0
3	216	20	43 25.7	-59 28.4	2				
3	216	30	43 26.4	-59 25.7	5	12.5	70.4	64.8	3.9
3	216	30	43 26.4	-59 25.7	5				
2	216	40	43 26.3	-59 23.9	2	7.9	94.4	43.0	2.4
1	216	200	43 17.5	-59 26.6	2				
3	216	220	43 20.0	-59 25.1	2	8.2	23.6	18.2	5.1
3	216	220	43 20.0	-59 25.1	2				
3	216	240	43 23.9	-59 23.4	2	12.3	17.6	20.9	7.6
3	216	240	43 23.9	-59 23.4	2				
3	216	250	43 25.9	-59 22.6	2	12.5	16.2	19.7	3.9
3	216	250	43 25.9	-59 22.6	2				
3	216	300	43 25.4	-59 24.8	2	10.0	252.6	-51.8	3.1
3	216	300	43 25.4	-59 24.8	2				
3	216	330	43 22.9	-59 33.3	5	13.3	248.0	-66.6	12.3
3	216	330	43 22.9	-59 33.3	5				
3	216	420	43 18.8	-59 47.8	5	13.6	248.8	-68.3	21.0
3	216	420	43 18.8	-59 47.8	5				
3	216	700	43 8.0	-60 33.3	2	13.1	252.0	-67.3	64.6
3	216	732	43 3.2	-60 32.9	2	9.0	176.5	3.3	8.9
3	216	732	43 3.2	-60 32.9	2				
3	216	800	43 2.7	-60 39.8	2	10.9	264.3	-58.8	9.4
3	216	800	43 2.7	-60 39.8	2				
3	216	830	43 2.5	-60 48.7	2	13.0	268.2	-70.7	12.1
3	216	830	43 2.5	-60 48.7	2				
3	216	900	43 2.3	-60 57.7	2	13.2	268.3	-71.4	12.2
3	216	900	43 2.3	-60 57.7	2				
3	216	920	43 .7	-61 3.4	2	13.4	249.0	-67.8	8.3

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	216	920	43 .7	-61 3.4	2				
3	216	940	42 59.0	-61 9.0	2	13.3	247.5	-66.7	8.2
3	216	940	42 59.0	-61 9.0	2				
3	216	1000	42 57.6	-61 14.7	2	13.2	251.4	-68.0	8.2
3	216	1000	42 57.6	-61 14.7	2				
3	216	1020	42 56.0	-61 20.3	2	13.2	248.7	-66.8	8.2
3	216	1020	42 56.0	-61 20.3	2				
2	216	1040	42 52.2	-61 18.8	2	11.9	163.9	18.7	7.3
1	216	1200	42 51.5	-61 16.2	2				
3	216	1220	42 49.8	-61 16.3	2	5.1	182.5	-1.1	3.2
3	216	1220	42 49.8	-61 16.3	2				
3	216	1240	42 49.0	-61 17.8	2	4.1	234.0	-18.1	2.5
3	216	1240	42 49.0	-61 17.8	2				
3	216	1300	42 50.3	-61 19.3	2	5.1	319.8	-18.1	3.2
3	216	1300	42 50.3	-61 19.3	2				
3	216	1320	42 52.3	-61 19.3	2	6.0	0	.1	3.7
3	216	1320	42 52.3	-61 19.3	2				
3	216	1340	42 54.3	-61 19.0	2	6.0	6.3	3.8	3.7
3	216	1340	42 54.3	-61 19.0	2				
3	216	1400	42 56.3	-61 18.8	2	6.0	4.2	2.6	3.7
3	216	1400	42 56.3	-61 18.8	2				
3	216	1428	42 56.2	-61 15.7	2	4.9	92.5	26.8	4.2
3	216	1428	42 56.2	-61 15.7	2				
3	216	1444	42 54.7	-61 15.9	2	5.7	185.6	-2.9	2.8
3	216	1444	42 54.7	-61 15.9	2				
3	216	1500	42 53.2	-61 16.0	2	5.6	182.8	-1.4	2.8
3	216	1500	42 53.2	-61 16.0	2				
3	216	1524	42 52.5	-61 17.0	2	2.5	226.3	-10.1	1.9
3	216	1524	42 52.5	-61 17.0	2				
3	216	1540	42 54.2	-61 16.9	2	6.4	2.5	1.7	3.2

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
3	216	1540	42 54.2	-61 16.9	2				
3	216	1600	42 56.2	-61 16.6	2	6.0	6.3	3.8	3.7
3	216	1600	42 56.2	-61 16.6	2				
3	216	1624	42 57.2	-61 13.9	2	5.5	63.2	27.3	4.1
3	216	1624	42 57.2	-61 13.9	2				
3	216	1648	42 58.2	-61 11.0	2	5.9	64.8	29.3	4.3
3	216	1648	42 58.2	-61 11.0	2				
3	216	1700	42 58.7	-61 9.5	2	6.0	65.5	30.3	2.2
3	216	1700	42 58.7	-61 9.5	2				
3	216	1724	42 59.5	-61 6.7	2	5.5	68.7	28.2	4.1
3	216	1724	42 59.5	-61 6.7	2				
3	216	1800	43 .5	-61 2.4	2	5.5	72.4	28.9	6.1
3	216	1800	43 .5	-61 2.4	2				
3	216	1820	43 1.1	-61 0	2	5.6	71.1	29.0	3.4
3	216	1820	43 1.1	-61 0	2				
3	216	1900	43 2.3	-60 55.4	2	5.4	70.4	27.8	6.6
3	216	1900	43 2.3	-60 55.4	2				
3	216	1920	43 2.9	-60 53.0	2	5.6	71.1	29.0	3.4
3	216	1920	43 2.9	-60 53.0	2				
3	216	1940	43 3.6	-60 50.6	2	5.7	68.2	29.0	3.5
3	216	1940	43 3.6	-60 50.6	2				
3	216	2000	43 4.2	-60 48.2	2	5.6	71.1	29.0	3.4
3	216	2000	43 4.2	-60 48.2	2				
3	216	2040	43 5.6	-60 43.7	2	5.4	66.9	27.1	6.6
3	216	2040	43 5.6	-60 43.7	2				
3	216	2120	43 7.2	-60 39.2	2	5.5	64.0	27.1	6.8
3	216	2120	43 7.2	-60 39.2	2				
3	216	2140	43 8.1	-60 36.9	2	5.7	61.8	27.7	3.5
3	216	2140	43 8.1	-60 36.9	2				
3	216	2200	43 9.0	-60 34.5	2	5.9	62.8	28.9	3.6

NAVIGATION FIX

USS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVUS	DISTAN (KM)
3	216	2200	43 9.0	-60 34.5	2				
2	216	2300	43 11.2	-60 27.0	2	5.9	68.1	30.1	10.9
1	217	0	43 11.0	-60 24.3	8				
3	217	30	43 16.1	-60 34.3	8	17.8	305.0	-78.4	16.5
3	217	30	43 16.1	-60 34.3	8				
3	217	100	43 20.6	-60 43.6	5	16.3	303.6	-72.8	15.1
3	217	100	43 20.6	-60 43.6	5				
3	217	130	43 24.2	-60 51.8	5	13.9	301.1	-64.2	12.9
3	217	130	43 24.2	-60 51.8	5				
3	217	200	43 27.8	-61 1.0	5	15.2	298.3	-71.9	14.1
3	217	200	43 27.8	-61 1.0	5				
3	217	230	43 31.7	-61 10.0	5	15.2	300.9	-70.1	14.1
3	217	230	43 31.7	-61 10.0	5				
3	217	300	43 35.6	-61 19.0	5	15.2	300.9	-70.0	14.1
3	217	300	43 35.6	-61 19.0	5				
3	217	400	43 43.0	-61 36.4	5	14.6	300.4	-67.5	27.1
3	217	400	43 43.0	-61 36.4	5				
3	217	400	43 43.0	-61 36.4	5				
3	217	500	43 50.6	-61 53.2	1	14.3	302.1	-64.9	26.5
3	217	500	43 50.6	-61 53.2	1				
3	217	630	44 2.0	-62 19.4	1	14.7	301.1	-67.1	40.8
3	217	630	44 2.0	-62 19.4	1				
3	217	700	44 6.0	-62 28.2	1	15.0	302.3	-67.3	13.9
3	217	700	44 6.0	-62 28.2	1				
3	217	800	44 10.6	-62 37.8	1	8.3	303.7	-36.8	15.3
3	217	800	44 10.6	-62 37.8	1				
3	217	830	44 12.3	-62 42.7	1	7.8	295.8	-37.6	7.2
3	217	830	44 12.3	-62 42.7	1				
3	217	930	44 15.8	-62 52.6	1	7.9	296.3	-37.9	14.7
3	217	930	44 15.8	-62 52.6	1				
3	217	1000	44 17.6	-62 57.6	1	8.0	296.7	-38.2	7.4

A-067

NAVIGATION FIX

CSS HUDSON 72-021

LC	DAY	TIME	LATITUDE	LONGITUDE	NV	SPEED (KNOTS)	COURSE	EOTVOS	DISTAN (KM)
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3	217	1000	44 17.6	-62 57.6	1				
2	217	1100	44 21.0	-63 6.8	1	7.4	297.3	-35.1	13.7

TOTAL TRACK DISTANCE = 8924 KM

PART B

DATA PRINTOUT

EACH RECORD CONTAINS THE FOLLOWING INFORMATION

1. TIME = GMT
2. BATHY = UNCORRECTED WATER DEPTH IN METRES
3. T.F. = TOTAL MAGNETIC FIELD IN GAMMAS
(NO DAILY VARIATION CORRECTION)
4. M.A. = MAGNETIC ANOMALY IN GAMMAS
= T.F. - (1965 IGRF)
5. EOTVOS = EOTVOS CORRECTION IN MILLIGALS
6. F.A. = FREE AIR GRAVITY IN MILLIGALS (NO DRIFT CORRECTION)
= OBSERVED GRAVITY + EOTVOS - (1930 THEORETICAL GRAVITY)
7. B.A. = SIMPLE BOUGUER ANOMALY IN MILLIGALS
= F.A. + $J.J41928 * (2.67 - 1.03) * \text{UNCORRECTED DEPTH IN METERS}$

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HUDSON 72-021 DAY 187 1972

TIME	LATITUDE		LONGITUDE		BATHY	I.F.	M.A.	EDVOS	F.A.	H.A.
1820	44	29.8	63	25.4	*	55560	-132	51	0	*
1830	44	29.2	63	23.2	*	55519	-161	0	0	*
1840	44	28.4	63	20.5	*	55595	-70	61	-14	*
1850	44	27.6	63	17.9	*	55516	-133	61	-18	*
1900	44	26.8	63	15.2	95	55576	-58	*	*	*
1910	44	26.1	63	12.5	84	55502	-117	63	-13	-7
1920	44	25.3	63	9.7	109	55525	-79	63	-16	-8
1930	44	24.6	63	7.0	109	55599	9	63	-16	-8
1940	44	23.9	63	4.3	153	55515	-59	63	-13	-2
1950	44	23.1	63	1.5	153	55455	-104	63	-9	1
2000	44	22.4	62	58.8	137	55436	-108	63	-7	2
2010	44	21.7	62	56.1	159	55443	-86	63	-6	4
2020	44	21.0	62	53.3	171	55437	-76	63	-9	2
2030	44	20.3	62	50.6	177	55444	-54	63	-14	-1
2040	44	19.6	62	47.9	230	55450	-33	63	-21	-5
2050	44	18.9	62	45.1	179	55424	-44	63	-26	-13
2100	44	18.2	62	42.4	190	55396	-57	*	*	*
2110	44	17.5	62	39.6	201	55423	-15	65	-19	-5
2120	44	16.8	62	36.8	164	55494	71	65	-13	-1
2130	44	16.1	62	34.0	215	55467	59	*	*	*
2140	44	15.4	62	31.2	175	55375	-17	*	*	*
2150	44	14.7	62	28.4	155	55338	-38	65	1	11
2200	44	14.0	62	25.6	102	55287	-74	*	*	*
2210	44	13.3	62	22.8	98	55271	-75	64	7	13
2220	44	12.7	62	20.1	157	55270	-60	64	4	14
2230	44	12.0	62	17.3	162	55280	-35	64	1	12
2240	44	11.3	62	14.5	175	55252	-48	64	-3	9
2250	44	10.7	62	11.8	*	55222	-63	64	1	*
2300	44	10.0	62	9.0	*	55181	-89	0	0	*
2310	44	9.3	62	6.3	*	55158	-96	63	8	*
2320	44	8.6	62	3.5	*	55152	-87	64	12	*
2330	44	7.9	62	.8	*	55130	-94	64	11	*
2340	44	7.2	61	58.1	*	55127	-81	64	3	*
2350	44	6.5	61	55.3	*	55095	-98	64	4	*

HUDSON 72-J21 DAY 188 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	44 5.8	61 52.6	128	55076	-102	64	5	13
J010	44 4.8	61 49.8	138	55064	-97	64	6	15
0020	44 3.9	61 47.1	142	55060	-84	64	6	15
0030	44 3.1	61 44.4	149	55053	-75	64	-1	9
J040	44 2.3	61 41.6	135	55050	-62	64	0	9
0050	44 1.4	61 38.9	91	55060	-36	64	0	6
0100	44 .6	61 36.1	80	55048	-32	64	0	5
0110	43 59.8	61 33.4	76	55032	-32	*	*	*
0120	43 59.4	61 30.6	76	55003	-46	67	-6	0
0130	43 58.9	61 27.7	74	54982	-53	67	-9	-3
0140	43 58.5	61 24.9	80	54992	-28	67	-11	-5
J150	43 58.0	61 22.0	73	54982	-23	*	*	*
0200	43 57.9	61 19.1	67	54958	-34	69	-5	0
J210	43 57.6	61 16.2	64	54943	-35	67	-5	0
0220	43 57.2	61 13.3	62	54934	-30	67	-1	3
0230	43 56.8	61 10.4	58	54934	-15	69	2	5
0240	43 56.4	61 7.5	54	54896	-38	69	3	6
0250	43 55.9	61 4.7	54	54852	-67	61	-6	-2
0300	43 55.2	61 2.1	54	*	*	*	*	*
J310	43 54.5	60 59.5	51	54785	-105	*	*	*
0320	43 52.7	60 59.0	49	54751	-127	*	*	*
0330	43 51.4	60 57.2	47	54744	-119	*	*	*
0340	43 50.3	60 54.6	51	54698	-148	*	*	*
0350	43 49.3	60 52.1	45	54679	-150	60	18	21
J400	43 48.2	60 49.5	43	54642	-170	*	*	*
0410	43 47.2	60 47.0	43	54640	-156	59	22	24
0420	43 46.2	60 44.5	36	54600	-180	59	25	27
0430	43 45.2	60 42.0	43	54591	-172	*	*	*
0440	43 44.3	60 39.5	51	54577	-170	60	30	33
0450	43 43.4	60 36.9	47	54547	-184	60	32	35
J500	43 42.5	60 34.4	54	54517	-198	*	*	*
0510	43 42.0	60 33.1	58	54501	-206	*	*	*
0520	43 41.5	60 31.9	54	54494	-205	*	*	*
J530	43 41.0	60 30.6	58	54483	-208	*	*	*
0540	43 40.2	60 29.7	62	54491	-191	22	46	50
0550	43 39.4	60 28.7	58	54468	-206	22	49	52
0600	43 38.6	60 27.8	58	54458	-207	22	52	55
0640	43 39.3	60 31.5	62	54464	-221	*	*	*
0650	43 39.3	60 29.9	62	54468	-211	*	*	*
J700	43 39.3	60 28.4	65	54477	-195	*	*	*
0710	43 38.5	60 27.7	58	54706	41	*	*	*
0720	43 37.7	60 26.9	69	54706	48	*	*	*
J730	43 36.9	60 26.2	67	54706	56	17	54	58
0740	43 36.1	60 25.5	73	54706	63	17	57	62
0750	43 35.3	60 24.7	69	54706	71	17	61	65
0800	43 34.5	60 24.0	74	54706	79	*	*	*
0810	43 33.8	60 23.3	80	54706	86	16	66	71
J820	43 33.0	60 22.6	87	54706	93	16	69	74
0830	43 32.2	60 22.0	93	54706	100	14	71	77
J840	43 31.5	60 21.4	106	54706	107	14	74	81

HUDSON 72-021 DAY 188 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0850	43 30.8	60 20.8	113	54706	113	14	77	84
0900	43 30.0	60 20.2	122	54706	120	*	*	*
0910	43 29.2	60 19.6	124	*	*	15	85	93
0920	43 28.4	60 18.9	135	*	*	15	91	100
0930	43 27.6	60 18.3	146	*	*	15	92	102
0940	43 26.8	60 17.7	171	*	*	15	93	104
0950	43 26.0	60 17.0	217	*	*	15	92	106
1000	43 25.2	60 16.4	307	*	*	*	*	*
1010	43 24.4	60 15.8	376	*	*	14	84	109
1020	43 23.7	60 15.2	544	*	*	14	76	113
1030	43 22.9	60 14.6	*	*	*	0	0	*
1040	43 22.1	60 14.0	*	*	*	15	70	*
1050	43 21.4	60 13.3	*	*	*	15	69	*
1100	43 20.6	60 12.7	*	*	*	0	0	*
1110	43 19.8	60 12.1	*	*	*	14	76	*
1120	43 19.1	60 11.5	*	*	*	14	33	*
1130	43 18.3	60 10.8	1168	*	*	*	*	*
1140	43 17.5	60 10.2	1108	*	*	14	35	111
1150	43 16.8	60 9.6	1152	*	*	14	33	112
1200	43 16.0	60 9.0	1300	*	*	14	28	117
1400	43 17.4	60 9.0	1181	54426	-40	-16	0	81
1410	43 18.3	60 9.7	1254	54409	-65	-16	23	109
1420	43 19.2	60 10.4	1199	54438	-44	-16	38	120
1430	43 20.1	60 11.1	1009	54470	-20	-16	43	112
1440	43 21.0	60 11.8	961	54496	-2	-16	46	112
1530	43 20.4	60 10.2	*	54456	-32	29	45	*
1540	43 19.7	60 9.0	*	54435	-44	29	44	*
1550	43 19.1	60 7.7	*	54415	-55	29	43	*
1600	43 18.4	60 6.5	1280	54398	-63	*	*	*
1610	43 18.9	60 7.2	1351	54385	-81	*	*	*
1620	43 19.3	60 7.9	1369	54402	-70	*	*	*
1630	43 19.8	60 8.6	1340	54430	-47	*	*	*
1640	43 20.2	60 9.3	1300	54462	-21	*	*	*
1650	43 20.3	60 9.3	1091	54477	-6	*	*	*
1700	43 19.6	60 8.4	1265	54459	-17	*	*	*
1710	43 19.0	60 7.5	1146	54438	-30	22	33	111
1720	43 18.4	60 6.6	1243	54411	-50	22	33	118
1730	43 17.8	60 5.7	*	54391	-62	22	28	*
1740	43 17.2	60 4.7	*	54371	-75	22	22	*
1750	43 16.5	60 3.8	*	54355	-83	22	19	*
1800	43 15.9	60 2.9	*	54344	-87	22	15	*
1810	43 15.3	60 2.0	*	54332	-91	22	12	*
1820	43 14.7	60 1.1	*	54322	-94	22	11	*
1830	43 14.1	60 .2	*	54314	-94	22	10	*
1840	43 13.7	59 60.0	*	54310	-95	-21	0	*
1850	43 13.5	60 .9	*	54304	-104	-21	0	*
1900	43 13.4	60 1.8	1559	54314	-98	*	*	*
1910	43 14.1	60 2.7	1603	54323	-97	-21	10	120
1920	43 14.8	60 3.6	1627	54334	-94	-21	12	123
1930	43 15.5	60 4.5	1583	54349	-87	-21	15	123

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HUDSON 72-J21 DAY 188 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1940	43 16.2	60 5.4	1532	54367	-77	-21	19	124
1950	43 17.0	60 6.3	1413	54384	-68	-21	23	120
2000	43 17.7	60 7.2	1422	54405	-55	-21	26	123
2010	43 18.4	60 8.1	1371	54430	-38	-21	29	123
2020	43 19.1	60 9.0	1358	54455	-21	-21	32	125
2030	43 19.8	60 9.9	1181	54481	-2	-21	36	117
2040	43 20.5	60 10.8	1031	54505	13	-21	40	110
2050	43 21.2	60 11.7	945	54528	28	-21	44	108
2100	43 21.9	60 12.6	848	54543	35	-21	48	106
2110	43 22.6	60 13.5	848	54553	37	-21	51	109
2120	43 22.7	60 13.7	654	54561	44	*	*	*
2130	43 22.0	60 13.1	757	54554	43	*	*	*
2140	43 21.3	60 12.5	779	54543	39	14	50	103
2150	43 20.7	60 11.9	910	54530	32	14	46	108
2200	43 20.0	60 11.4	961	54514	22	14	44	110
2210	43 19.3	60 10.8	1044	54494	8	14	38	109
2220	43 18.7	60 10.2	1214	54463	-15	14	34	117
2230	43 18.0	60 9.6	1199	54443	-29	*	*	*
2240	43 17.3	60 8.8	1419	54417	-48	18	27	124
2250	43 16.6	60 8.1	1510	54399	-58	18	24	127
2300	43 15.9	60 7.3	1594	54379	-71	18	21	130
2310	43 15.2	60 6.6	1698	54361	-82	18	15	131
2320	43 14.5	60 5.8	1726	54351	-85	18	13	131
2330	43 13.7	60 5.1	1757	54340	-88	18	7	127
2340	43 13.0	60 4.3	1757	54328	-93	18	4	124
2350	43 12.3	60 3.6	1704	54314	-100	18	3	120

HUDSON 72-021 DAY 189 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
JJ3J	43	9.5	6J .6	2077	54290	-95	*	*
0040	43	8.7	59 59.8	2136	54293	-84	19	135
0050	43	8.0	59 59.0	2176	54301	-68	19	133
0100	43	7.2	59 58.2	22J1	543J9	-52	*	*
0110	43	6.4	59 57.4	2231	54317	-36	20	133
0120	43	5.7	59 56.5	2253	54323	-22	20	134
J130	43	4.9	59 55.7	2293	54323	-14	2J	135
0140	43	4.1	59 54.9	2344	54317	-12	20	139
0150	43	3.4	59 54.0	2395	54309	-12	20	140
0200	43	2.6	59 53.2	2439	54296	-17	20	143
0210	43	1.8	59 52.4	2492	54276	-29	2J	149
0220	43	1.1	59 51.5	2538	54254	-43	20	152
0230	43	.3	59 50.7	2578	54229	-60	20	155
0240	42	59.5	59 49.9	2651	54204	-77	20	161
0250	42	58.8	59 49.0	2706	54179	-94	20	164
0300	42	58.0	59 48.2	2754	54156	-109	*	*
0310	42	57.2	59 47.3	2827	54135	-121	22	172
0320	42	56.4	59 46.4	2878	54117	-130	22	173
J33J	42	55.6	59 45.5	2916	541J3	-136	22	176
0340	42	54.8	59 44.5	2955	54090	-140	22	176
0350	42	54.0	59 43.6	3010	54065	-156	22	178
0400	42	53.2	59 42.7	3094	54045	-168	*	*
0410	42	52.4	59 41.7	3182	54027	-177	24	189
0420	42	51.7	59 40.7	3255	54J15	-18J	24	193
0430	42	50.9	59 39.7	3328	54008	-178	24	197
0440	42	50.1	59 38.7	3423	54002	-175	24	202
0450	42	49.3	59 37.7	3496	53996	-172	24	205
0500	42	48.6	59 36.7	3522	53991	-168	24	206
0510	42	47.8	59 35.7	3571	53985	-166	24	2J5
0520	42	47.0	59 34.7	3723	53979	-163	24	214
0530	42	46.2	59 33.7	3765	53970	-163	24	214
0540	42	45.5	59 32.7	3825	53961	-163	24	219
0550	42	44.7	59 31.7	3888	53952	-163	24	220
0600	42	43.9	59 30.7	3931	53943	-163	24	221
0610	42	43.2	59 29.7	3922	53934	-163	24	221
0620	42	42.4	59 28.7	3937	53925	-163	24	219
0630	42	41.6	59 27.7	3953	53920	-159	24	221
0640	42	40.8	59 26.7	4008	53912	-158	24	224
0650	42	40.1	59 25.7	4J36	539J2	-159	24	225
0700	42	39.3	59 24.7	4078	53891	-161	*	*
0710	42	38.6	59 23.8	4078	53881	-163	21	226
J72J	42	38.0	59 22.9	4091	53869	-168	21	225
0730	42	37.3	59 22.0	4100	53858	-171	22	225
0740	42	36.7	59 21.1	4133	53850	-171	22	228
0750	42	36.0	59 20.2	4149	53841	-172	22	229
0800	42	35.3	59 19.3	4153	53833	-172	22	228
0920	42	36.4	59 23.7	4133	53850	-181	*	*
0930	42	35.7	59 23.4	4123	53859	-167	*	*
0940	42	34.9	59 23.2	4147	5385J	-17J	*	*
0950	42	34.2	59 23.0	4178	53842	-173	*	*

B-JJ7

HUDSON 72-021 DAY 189 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1000	42 33.5	59 22.7	4195	53832	-178	*	*	*
1010	42 32.6	59 21.9	4220	53823	-178	18	-58	232
1020	42 31.7	59 21.2	4246	53815	-177	18	-59	232
1030	42 30.7	59 20.4	4250	53806	-177	18	-59	233
1040	42 29.8	59 19.7	4272	53795	-180	18	-59	234
1050	42 28.9	59 18.9	4277	53784	-182	18	-60	234
1100	42 28.0	59 18.2	4297	53775	-182	18	-59	236
1110	42 27.0	59 17.4	4315	53766	-182	18	-60	236
1120	42 26.1	59 16.7	4337	53758	-181	18	-59	239
1130	42 25.2	59 15.9	4352	53751	-179	*	*	*
1140	42 24.5	59 15.0	4372	*	*	*	*	*
1150	42 23.8	59 14.1	4396	53736	-178	22	-59	243
1200	42 23.1	59 13.2	4425	53727	-179	22	-60	244
1210	42 22.4	59 12.3	4438	53716	-182	22	-61	244
1220	42 21.7	59 11.4	4433	53707	-183	22	-61	243
1230	42 21.0	59 10.5	4422	53701	-180	22	-61	243
1240	42 20.2	59 9.7	4425	53692	-181	*	*	*
1250	42 19.5	59 8.8	4418	53681	-184	22	-60	243
1300	42 18.8	59 7.9	4443	53669	-188	*	*	*
1310	42 18.1	59 7.0	4454	53659	-190	*	*	*
1320	42 17.4	59 6.1	4454	53649	-191	*	*	*
1330	42 16.7	59 5.2	4454	53642	-190	*	*	*
1340	42 16.1	59 4.2	4462	53636	-188	*	*	*
1350	42 15.4	59 3.3	4458	53631	-185	23	-51	255
1400	42 14.8	59 2.3	4451	53628	-180	23	-51	255
1410	42 14.2	59 1.4	4453	53627	-173	23	-51	255
1420	42 13.5	59 .4	4451	53623	-169	23	-50	256
1430	42 12.9	58 59.5	4458	53623	-161	23	-50	256
1440	42 12.3	58 58.5	4473	53616	-160	23	-51	256
1450	42 11.6	58 57.6	4487	53606	-162	23	-50	258
1500	42 11.0	58 56.6	4509	53595	-164	*	*	*
1510	42 10.2	58 55.8	4528	53584	-167	20	-52	259
1520	42 9.5	58 54.9	4562	53569	-174	20	-51	262
1530	42 8.7	58 54.1	4553	53556	-178	*	*	*
1540	42 7.9	58 53.3	4561	53548	-178	19	-52	261
1550	42 7.2	58 52.5	4572	53539	-179	19	-51	263
1600	42 6.4	58 51.7	4581	53529	-181	19	-52	262
1610	42 5.6	58 50.9	4586	53518	-184	19	-49	266
1620	42 4.8	58 50.2	4595	53507	-186	19	-48	267
1630	42 4.0	58 49.4	4608	53500	-185	19	-48	268
1640	42 3.2	58 48.6	4619	53490	-187	19	-49	268
1650	42 2.4	58 47.9	4634	53482	-186	19	-46	272
1700	42 1.6	58 47.1	4641	53475	-185	*	*	*
1710	42 .8	58 46.4	4639	53471	-181	18	-47	271
1720	42 .1	58 45.6	4654	53466	-178	18	-45	275
1730	41 59.3	58 44.9	4668	53464	-172	18	-44	276
1740	41 58.5	58 44.2	4690	53464	-164	18	-43	279
1750	41 57.8	58 43.5	4573	53464	-156	18	-43	271
1800	41 57.0	58 42.7	4690	53465	-148	18	-41	281
1810	41 56.2	58 42.0	4663	53465	-140	18	-39	281

1820	41	55.5	58	41.3	4690	53466	-131	18	-40	282
1830	41	54.7	58	40.5	4700	53465	-124	18	-38	285
1840	41	53.9	58	39.8	4705	53460	-121	18	-38	285
1850	41	53.2	58	39.1	4714	53460	-113	18	-38	286
1900	41	52.4	58	38.4	4714	53447	-118	18	-37	287
1910	41	51.6	58	37.6	4720	53435	-122	18	-36	288
1920	41	50.9	58	36.9	4712	53428	-121	18	-35	289
1930	41	50.1	58	36.2	4727	53420	-121	18	-35	290
1940	41	49.3	58	35.5	4734	53411	-122	18	-34	291
1950	41	48.6	58	34.7	4742	53406	-119	18	-34	292
2000	41	47.8	58	34.0	4742	53407	-110	*	*	*
2110	41	47.1	58	33.3	4740	53407	-103	17	-35	290
2020	41	46.4	58	32.6	4740	53400	-102	17	-35	290
2030	41	45.7	58	31.9	4747	53395	-100	17	-34	292
2140	41	45.0	58	31.2	4743	53385	-102	17	-34	292
2050	41	44.3	58	30.5	4754	53377	-103	17	-34	292
2100	41	43.6	58	29.8	4762	53358	-114	17	-31	296
2110	41	42.9	58	29.1	*	53355	-110	17	-32	*
2120	41	42.2	58	28.4	*	53333	-124	17	-34	*
2130	41	41.5	58	27.7	*	53316	-134	17	-34	*
2140	41	40.8	58	27.0	*	53304	-138	17	-34	*
2150	41	40.1	58	26.3	*	53292	-143	17	-34	*
2200	41	39.4	58	25.6	*	53279	-148	0	0	*
2210	41	38.7	58	24.7	*	53268	-151	21	-30	*
2220	41	38.0	58	23.9	*	53260	-151	21	-31	*
2230	41	37.3	58	23.0	4774	53262	-141	21	-30	298
2240	41	36.6	58	22.2	4776	53261	-134	21	-29	299
2250	41	35.9	58	21.3	4780	53258	-128	21	-30	298
2300	41	35.2	58	20.5	4784	53255	-123	21	-29	299
2310	41	34.5	58	19.6	4785	53243	-127	21	-29	300
2320	41	33.8	58	18.8	4789	53232	-130	21	-29	300
2330	41	33.1	58	17.9	4791	53218	-136	21	-30	299
2340	41	32.4	58	17.1	4795	53201	-144	21	-30	299
2350	41	31.7	58	16.2	4798	53184	-153	21	-28	301

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0000	41 31.0	58 15.4	48JJ	53165	-164	21	-27	3J3
0010	41 30.3	58 14.5	4804	53151	-170	21	-28	302
0020	41 29.6	58 13.7	4806	53141	-172	21	-28	3J2
0030	41 28.9	58 12.9	4806	53131	-174	21	-29	301
0040	41 28.3	58 12.0	4807	53118	-178	21	-30	300
0050	41 27.6	58 11.1	4811	53106	-182	21	-3J	3JJ
0100	41 26.9	58 10.3	4813	53100	-180	21	-31	299
0110	41 26.2	58 9.4	4815	53J94	-178	21	-31	3JJ
0120	41 25.5	58 8.6	4817	53089	-175	21	-31	300
0130	41 24.9	58 7.8	4817	53084	-172	21	-33	298
0140	41 24.2	58 6.9	482J	53J79	-169	21	-32	299
0150	41 23.5	58 6.0	4831	53077	-162	21	-32	300
0200	41 22.8	58 5.2	4826	53J7J	-161	*	*	*
0210	41 21.9	58 4.4	4828	53062	-160	20	-32	299
0220	41 21.1	58 3.6	4831	53048	-165	20	-29	303
0230	41 2J.2	58 2.8	4831	53J36	-168	2J	-28	3J4
0240	41 19.3	58 2.0	4831	53022	-173	20	-30	302
0250	41 18.5	58 1.2	4831	53008	-178	2J	-3J	3J2
0300	41 17.6	58 .4	4839	52994	-183	20	-28	304
0310	41 16.7	57 59.6	4839	52981	-187	20	-27	305
0320	41 15.9	57 58.8	4846	52968	-191	2J	-26	3J7
0330	41 15.0	57 58.0	4846	52960	-189	*	*	*
0340	41 14.1	57 58.5	4849	52951	-195	*	*	*
0350	41 13.2	57 59.0	4848	52949	-193	*	*	*
0400	41 12.3	57 59.5	4848	52948	-191	*	*	*
0410	41 11.3	58 J	4849	52941	-195	-12	-3J	3J3
0420	41 10.4	58 .5	4853	52935	-197	-12	-25	308
0430	41 9.5	58 1.0	4855	52930	-199	-12	-23	31J
0440	41 8.6	58 1.5	4859	52928	-197	-12	-24	310
0450	41 7.7	58 2.0	4866	52926	-196	-12	-24	310
0500	41 6.7	58 2.5	4866	52923	-195	-12	-23	311
0510	41 5.8	58 3.0	4866	52921	-193	-12	-23	311
0520	41 4.9	58 3.5	4868	52921	-19J	-12	-23	311
0530	41 4.0	58 4.0	4871	52919	-188	*	*	*
0540	41 2.8	58 4.7	4877	52914	-189	-16	-25	310
0550	41 1.6	58 5.3	4881	52913	-185	-16	-26	309
0600	41 .4	58 6.0	4884	52914	-180	-16	-24	311
0610	4J 59.2	58 6.7	4888	529J6	-183	-16	-23	313
0620	40 58.0	58 7.3	4892	52894	-191	-16	-24	312
0630	40 56.8	58 8.0	4899	52884	-196	-16	-24	312
0640	40 55.6	58 8.7	4904	52876	-199	-16	-25	312
0650	4J 54.4	58 9.3	4915	52867	-204	-16	-25	312
0700	40 53.2	58 10.0	4921	52860	-206	*	*	*
0710	4J 52.1	58 1J.7	4928	5285J	-212	-18	-27	311
0720	40 50.9	58 11.5	4932	52844	-214	-18	-28	311
0730	40 49.8	58 12.2	4935	52843	-211	-18	-28	311
0740	40 48.6	58 13.0	4943	52838	-212	-18	-29	31J
0750	40 47.5	58 13.7	4946	52836	-210	-18	-29	311
0800	40 46.3	58 14.5	4950	52836	-207	-18	-28	312
0810	40 45.2	58 15.2	4943	52834	-205	-18	-27	312

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	40 44.0	58 16.0	4939	52831	-204	-18	-28	311
0830	4J 42.9	58 16.7	4939	52827	-204	*	*	*
0840	40 41.7	58 17.4	4941	52821	-205	-17	-27	312
0850	4J 4J.6	58 18.1	4934	52814	-208	-17	-28	311
0900	40 39.4	58 18.8	4932	52808	-210	-17	-28	311
0910	40 38.2	58 19.5	4932	52805	-208	-17	-29	310
0920	40 37.1	58 20.2	4935	52807	-202	-17	-27	312
0930	40 35.9	58 20.9	4935	52809	-196	-17	-28	311
0940	40 34.7	58 21.6	4935	52811	-189	-17	-28	311
0950	40 33.6	58 22.3	4937	52813	-183	-17	-29	310
1000	40 32.4	58 23.0	4932	52816	-176	*	*	*
1010	40 31.3	58 23.5	4932	52820	-166	-11	-26	313
1020	40 30.1	58 23.9	4935	52828	-153	-11	-29	310
1030	40 29.0	58 24.4	4935	52833	-143	*	*	*
1040	40 28.0	58 24.7	4935	52830	-141	-7	-28	311
1050	40 27.0	58 25.0	4937	52820	-146	-7	-28	311
1100	40 26.0	58 25.3	4952	52803	-157	-7	-31	309
1110	40 25.0	58 25.6	4954	52786	-169	-7	-32	308
1120	40 23.9	58 25.9	4954	52768	-182	-7	-31	309
1130	40 22.9	58 26.2	4954	52754	-190	*	*	*
1140	4J 21.9	58 26.5	4954	52742	-197	-6	-30	310
1150	40 20.8	58 26.7	4950	52733	-200	-6	-29	311
1200	4J 19.8	58 27.0	4957	52724	-204	*	*	*
1210	40 18.9	58 27.7	4957	52716	-209	-17	-38	302
1220	40 18.1	58 28.3	4957	52708	-214	-17	-35	305
1230	40 17.2	58 29.0	4957	52700	-220	*	*	*
1240	40 16.4	58 29.8	4957	52695	-223	-19	-33	307
1250	40 15.6	58 30.5	4957	52689	-227	-19	-32	308
1300	4J 14.8	58 31.3	4959	52685	-229	-19	-31	309
1310	40 14.0	58 32.1	4959	52682	-231	-19	-29	311
1320	40 13.2	58 32.8	4959	52680	-231	-19	-28	312
1330	40 12.4	58 33.6	4959	52679	-230	-19	-26	314
1340	40 11.6	58 34.3	4961	52680	-227	-19	-22	319
1350	4J 10.8	58 35.1	4961	52679	-226	-19	-24	317
1400	40 10.0	58 35.8	4961	52681	-222	*	*	*
1410	40 9.4	58 36.6	4961	52687	-216	-22	-24	317
1420	40 8.7	58 37.5	4961	52692	-211	-22	-23	318
1430	40 8.1	58 38.3	4961	52695	-208	-22	-23	318
1440	4J 7.5	58 39.2	4963	52695	-207	-22	-23	318
1450	40 6.9	58 40.0	4959	52691	-211	-22	-25	315
1500	40 6.3	58 40.9	4959	52686	-216	-22	-26	314
1510	40 5.6	58 41.7	4967	52684	-217	-22	-27	314
1520	40 5.0	58 42.6	4967	52681	-220	-22	-28	313
1530	4J 4.4	58 43.4	4967	52679	-222	-22	-28	313
1540	40 4.3	58 44.2	4967	52678	-226	*	*	*
1550	40 4.9	58 44.9	4965	52692	-219	*	*	*
1600	40 6.1	58 46.0	4963	52706	-218	*	*	*
1610	40 7.9	58 47.5	4957	52722	-221	*	*	*
1620	40 9.7	58 49.0	4952	52736	-226	*	*	*
1630	40 11.4	58 50.5	4948	52760	-220	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1640	40 13.2	58 52.0	4946	52791	-207	-39	-23	317
1650	40 14.9	58 53.6	4943	52821	-196	-39	-23	316
1700	40 16.7	58 55.1	4937	52840	-195	-39	-23	316
1710	40 18.4	58 56.6	4934	52853	-201	-38	-23	316
1720	40 20.2	58 58.1	4930	52878	-194	-38	-23	315
1730	40 21.9	58 59.6	4926	52904	-187	-38	-24	314
1740	40 23.7	59 1.1	4923	52927	-182	-38	-24	314
1750	40 25.5	59 2.7	4919	52941	-186	-38	-25	313
1800	40 27.2	59 4.2	4915	52959	-187	-38	-26	311
1810	40 29.0	59 5.7	4912	52988	-176	-38	-27	310
1820	40 30.7	59 7.2	4908	53012	-170	-38	-28	309
1830	40 32.5	59 8.7	4904	53035	-165	-38	-29	308
1840	40 34.2	59 10.2	4899	53062	-157	-38	-29	307
1850	40 36.0	59 11.7	4895	53086	-151	-38	-31	305
1900	40 37.7	59 13.3	4892	53116	-139	-38	-31	305
1910	40 39.5	59 14.8	4882	53148	-125	-38	-32	303
1920	40 41.2	59 16.3	4879	53177	-114	-38	-32	303
1930	40 43.0	59 17.8	4873	53200	-110	*	*	*
1940	40 44.8	59 19.0	4868	53214	-112	-29	-23	311
1950	40 46.6	59 20.2	4864	53219	-124	-29	-23	311
2000	40 48.3	59 21.3	4859	53216	-144	-29	-24	310
2010	40 50.1	59 22.5	4853	53213	-164	-29	-24	309
2020	40 51.9	59 23.7	4848	53213	-180	-29	-25	308
2030	40 53.7	59 24.9	4840	53222	-188	-29	-27	305
2040	40 55.4	59 26.0	4824	53241	-185	-29	-28	303
2050	40 57.2	59 27.2	4815	53267	-176	-29	-28	303
2100	40 59.0	59 28.4	4809	53296	-164	-29	-29	301
2110	41 .8	59 29.6	4798	53325	-151	-29	-31	298
2120	41 2.6	59 30.7	4789	53358	-135	-29	-31	298
2130	41 4.4	59 31.9	4785	53387	-123	-29	-31	298
2140	41 6.2	59 33.1	4774	53400	-126	-29	-29	299
2150	41 8.0	59 34.2	4769	53390	-153	-29	-29	298
2200	41 9.8	59 35.4	4760	53378	-181	*	*	*
2210	41 11.3	59 36.8	4751	53379	-196	-36	-32	294
2220	41 12.9	59 38.3	4745	53393	-199	-35	-31	295
2230	41 14.4	59 39.7	4738	53416	-192	-35	-31	294
2240	41 15.9	59 41.1	4732	53439	-185	-35	-29	296
2250	41 17.5	59 42.6	4725	53468	-172	-35	-28	296
2300	41 19.0	59 44.0	4714	53496	-160	-35	-27	297

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
J3JJ	41 28.6	59 46.9	4654	53556	-172	*	*	*
0310	41 26.7	59 45.8	4663	53542	-169	*	*	*
0320	41 24.8	59 44.7	4678	53525	-170	*	*	*
0330	41 22.9	59 43.7	4690	53517	-161	*	*	*
0340	41 21.0	59 42.6	4703	535J7	-155	26	-25	298
0350	41 19.1	59 41.6	4714	53487	-159	26	-26	298
0400	41 17.2	59 40.6	4723	53458	-171	*	*	*
0410	41 15.4	59 39.3	4732	53429	-183	*	*	*
J42J	41 13.6	59 37.9	474J	534J2	-192	*	*	*
0430	41 11.7	59 36.9	4747	53379	-199	*	*	*
0440	41 9.9	59 35.9	4754	53366	-196	*	*	*
0450	41 8.0	59 34.9	4764	53371	-175	24	-28	299
J5JJ	41 6.1	59 34.0	4771	53384	-146	*	*	*
0510	41 4.2	59 33.0	4776	53384	-130	26	-29	299
0520	41 2.4	59 32.0	4785	53359	-138	*	*	*
0530	41 .6	59 31.1	4796	53323	-159	23	-31	298
J54J	4J 58.7	59 30.2	4804	53292	-174	*	*	*
0550	40 56.8	59 29.4	4809	53268	-182	*	*	*
0600	40 54.9	59 28.7	4828	53243	-192	*	*	*
J61J	4J 53.1	59 28.0	4839	53223	-197	18	-29	303
0620	40 51.2	59 27.3	4848	53204	-201	*	*	*
0630	40 49.3	59 26.7	4851	53193	-197	17	-27	306
0640	40 47.4	59 26.0	4855	53184	-191	*	*	*
0650	40 45.6	59 25.0	4860	53173	-186	*	*	*
0700	40 43.8	59 24.0	4868	53161	-182	*	*	*
0710	40 42.0	59 23.1	4873	53151	-176	24	-28	307
0720	4J 4J.1	59 22.1	4877	53138	-173	24	-28	3J7
0730	40 38.3	59 21.2	4882	53121	-174	24	-26	309
0740	40 36.5	59 20.3	4886	53102	-177	24	-25	310
0750	40 34.6	59 19.3	4892	53083	-180	*	*	*
J8JJ	4J 32.8	59 18.4	4897	53060	-187	*	*	*
0810	40 31.1	59 17.4	4901	53039	-192	26	-24	313
0820	40 29.3	59 16.4	4906	53015	-200	26	-25	312
J83J	4J 27.6	59 15.4	4912	52989	-210	26	-25	312
0840	40 25.8	59 14.4	4915	52970	-213	26	-25	312
0850	40 24.1	59 13.4	4921	52955	-212	26	-28	310
0900	40 22.4	59 12.4	4924	52941	-211	26	-27	311
J91J	4J 2J.7	59 11.4	4926	52930	-206	26	-27	311
0920	40 19.1	59 10.4	4932	52921	-200	*	*	*
0930	40 17.5	59 9.1	4934	52908	-197	33	-30	309
0940	40 15.9	59 7.9	4935	52897	-192	*	*	*
J95J	4J 14.3	59 6.3	4937	52880	-191	41	-30	309
1000	40 12.7	59 4.8	4941	52855	-199	*	*	*
1110	40 11.5	59 10.5	4941	52839	-232	*	*	*
112J	4J 13.4	59 11.5	4937	52872	-217	-26	-32	307
1130	40 15.3	59 12.6	4935	52893	-213	-26	-30	309
1140	40 17.3	59 13.7	4934	52905	-219	-29	-33	306
1150	40 19.3	59 14.8	4930	52918	-225	-31	-32	3J6
1200	40 21.3	59 16.1	4923	52927	-235	-31	-32	306
1210	40 23.4	59 17.4	4919	52940	-241	-31	-31	307

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
1220	40 25.3	59 18.6	*	52956	-243	-31	-31	*
1230	40 27.3	59 19.8	*	52976	-241	-30	-29	*
1240	40 29.3	59 21.0	*	53003	-233	-30	-27	*
1250	40 31.3	59 22.2	4895	53029	-225	-31	-28	308
1300	40 33.3	59 23.4	4890	53057	-215	*	*	*
1310	40 35.3	59 24.6	4886	53080	-211	-29	-29	306
1320	40 37.2	59 25.6	4879	53093	-215	-25	-26	309
1330	40 39.2	59 26.6	4873	53104	-221	-25	-28	307
1340	40 41.2	59 27.6	4866	53115	-227	-25	-28	306
1350	40 43.2	59 28.6	4864	53127	-233	-25	-29	305
1400	40 44.8	59 29.4	4859	53144	-230	*	*	*
1410	40 45.7	59 29.7	4855	53154	-227	*	*	*
1420	40 46.6	59 30.1	4853	53163	-225	*	*	*
1430	40 47.5	59 30.6	4849	53171	-225	-11	-26	307
1440	40 48.4	59 31.0	4862	53179	-225	*	*	*
1450	40 49.3	59 31.5	4844	53189	-223	-12	-28	305
1500	40 50.2	59 32.0	4842	53202	-218	-12	-29	303
1510	40 51.1	59 32.5	4831	53217	-211	-12	-30	302
1520	40 52.0	59 33.0	4824	*	*	*	*	*
1530	40 52.9	59 33.5	4820	53254	-190	*	*	*
1540	40 53.9	59 34.0	4815	53275	-178	*	*	*
1550	40 54.9	59 34.5	4813	53287	-174	-12	-31	299
1600	40 55.8	59 35.0	4807	53296	-173	-12	-31	299
1610	40 56.7	59 35.5	4804	53302	-175	-12	-30	300
1620	40 57.7	59 36.0	4802	53313	-172	-12	-30	300
1630	40 58.7	59 36.4	4798	53327	-167	-12	-31	298
1640	40 59.6	59 36.9	4795	53348	-154	-12	-31	298
1650	41 .6	59 37.4	4787	53369	-141	-12	-30	299
1700	41 1.6	59 37.9	4782	53385	-134	-12	-31	297
1710	41 2.5	59 38.4	4776	53394	-133	-12	-31	297
1720	41 3.5	59 38.9	4773	53391	-144	*	*	*
1730	41 4.1	59 39.2	4769	53388	-153	*	*	*
1740	41 4.8	59 39.5	4767	53383	-163	*	*	*
1750	41 5.4	59 39.8	4764	53379	-172	-7	-29	298
1800	41 6.0	59 40.1	4762	53378	-179	-7	-30	297
1810	41 6.7	59 40.4	4758	53376	-186	-7	-31	296
1820	41 7.3	59 40.7	4756	53377	-191	*	*	*
1830	41 8.0	59 41.1	4751	53382	-192	*	*	*
1840	41 8.7	59 41.5	4751	53389	-191	*	*	*
1850	41 9.3	59 42.0	4749	53395	-191	-11	-32	294
1900	41 10.0	59 42.4	4747	53404	-188	*	*	*
1910	41 10.8	59 43.1	4740	53414	-186	-16	-32	293
1920	41 11.5	59 43.7	4736	53427	-181	-16	-31	294
1930	41 12.3	59 44.4	4734	53436	-179	-16	-29	296
1940	41 13.1	59 45.0	4729	53444	-179	*	*	*
1950	41 13.9	59 45.6	4723	53451	-180	*	*	*
2000	41 14.8	59 46.1	4720	53461	-178	*	*	*
2010	41 15.6	59 46.5	4716	53475	-171	-11	-32	292
2020	41 16.5	59 47.0	4712	53490	-163	*	*	*
2030	41 17.4	59 47.4	4707	53501	-160	-10	-30	293

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HUDSON 72-021 DAY 191 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2040	41 18.2	59 47.8	4703	53514	-154	-10	-30	293
2050	41 19.0	59 48.2	4700	53523	-152	-10	-30	293
2100	41 19.8	59 48.6	4696	53525	-156	-10	-31	291
2110	41 20.6	59 49.0	4692	53526	-162	-10	-30	292
2120	41 21.4	59 49.5	4689	53531	-164	-10	-30	292
2130	41 22.2	59 49.9	4685	53537	-165	-10	-30	292
2140	41 23.0	59 50.3	4681	53546	-163	*	*	*
2150	41 23.8	59 50.8	4678	53553	-163	-12	-32	289
2200	41 24.6	59 51.3	4672	53566	-157	*	*	*
2210	41 25.3	59 51.9	4667	53570	-160	-13	-32	288
2220	41 26.0	59 52.4	4667	53573	-164	*	*	*
2230	41 25.7	59 53.2	4667	53571	-168	-20	-33	287
2240	41 25.5	59 54.0	4668	53570	-171	-20	-31	289
2250	41 25.2	59 54.9	4668	53568	-175	-20	-31	289
2300	41 24.9	59 55.7	4667	53566	-179	-20	-30	290

HUDSON 72-021 DAY 192 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0440	41 25.2	59 51.1	4667	53568	-158	*	*	*
0450	41 24.9	59 52.2	4667	53549	-180	-27	-33	287
0500	41 24.7	59 53.3	4663	53552	-181	-27	-33	287
0510	41 24.4	59 54.4	4670	53553	-183	-27	-31	290
0520	41 24.2	59 55.5	4668	53554	-185	*	*	*
0530	41 24.0	59 56.6	4665	53556	-187	-28	-31	289
0540	41 23.7	59 57.8	4663	53558	-188	-28	-31	289
0550	41 23.4	59 58.9	4657	53558	-192	-28	-31	289
0600	41 23.2	60 0	4656	53560	-193	*	*	*
0610	41 22.9	60 1.2	4657	53561	-196	-30	-31	289
0620	41 22.7	60 2.4	4656	53563	-198	*	*	*
0630	41 22.4	60 3.6	4656	53567	-197	-29	-31	289
0640	41 22.1	60 4.7	4656	53570	-198	*	*	*
0650	41 21.9	60 5.8	4656	53573	-198	-27	-30	290
0700	41 21.6	60 6.9	4652	53577	-197	*	*	*
0710	41 21.3	60 8.1	4652	53580	-198	-29	-30	289
0720	41 21.0	60 9.3	4650	53581	-200	-29	-30	289
0730	41 20.7	60 10.5	4643	53584	-200	-29	-30	289
0740	41 20.3	60 11.6	4641	53587	-201	-29	-28	291
0750	41 20.0	60 12.8	4639	53591	-200	-29	-28	290
0800	41 19.7	60 14.0	4636	53596	-198	-29	-27	291
0810	41 19.3	60 15.2	4634	53599	-198	-29	-27	291
0820	41 19.0	60 16.3	4634	53609	-191	*	*	*
0830	41 18.2	60 15.8	4637	53604	-188	*	*	*
0840	41 17.3	60 15.2	4643	53596	-189	*	*	*
0850	41 16.5	60 14.7	4650	53589	-188	*	*	*
0900	41 15.7	60 14.1	4656	53581	-189	13	-27	293
0910	41 14.8	60 13.6	4659	53574	-188	13	-28	292
0920	41 14.0	60 13.1	4667	53568	-187	13	-29	291
0930	41 13.2	60 12.5	4670	53563	-184	13	-29	292
0940	41 12.4	60 12.0	4678	53559	-181	*	*	*
0950	41 11.5	60 11.5	4683	53553	-179	12	-29	293
1000	41 10.7	60 11.0	4689	53545	-180	12	-30	292
1010	41 9.8	60 10.5	4696	53533	-184	12	-30	292
1020	41 8.9	60 10.0	4701	53520	-189	12	-30	293
1030	41 8.1	60 9.5	4707	53509	-192	12	-28	295
1040	41 7.2	60 9.0	4710	53500	-194	*	*	*
1050	41 6.3	60 8.7	4712	53494	-193	7	-31	293
1100	41 5.5	60 8.4	4718	53494	-186	7	-31	293
1110	41 4.7	60 8.1	4721	53491	-183	7	-30	294
1120	41 3.9	60 7.8	4725	53489	-179	*	*	*
1130	41 3.0	60 7.3	4729	53481	-179	12	-26	299
1140	41 2.2	60 6.8	4732	53470	-182	*	*	*
1150	41 1.4	60 6.2	4736	53458	-186	16	-30	295
1200	41 .6	60 5.5	4740	53446	-190	*	*	*
1210	40 59.8	60 4.8	4743	53434	-194	18	-29	297
1220	40 58.9	60 4.1	4745	53421	-199	18	-29	297
1230	40 58.1	60 3.4	4749	53410	-201	*	*	*
1240	40 57.3	60 3.0	4753	53396	-208	10	-35	291
1250	40 56.4	60 2.6	4756	53385	-212	10	-35	292

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1300	40 55.6	60 2.2	4758	53378	-212	10	-34	293
1310	40 54.7	60 1.8	4762	53371	-212	10	-31	296
1320	40 53.9	60 1.4	4764	53366	-210	10	-29	298
1330	40 53.1	60 1.0	4765	53361	-207	10	-29	298
1340	40 52.2	60 .6	4769	53354	-207	*	*	*
1350	40 51.4	60 .3	4773	53348	-207	7	-28	300
1400	40 50.7	60 0	2946	53343	-206	*	*	*
1410	40 50.0	59 59.6	4778	53334	-209	9	-30	298
1420	40 49.3	59 59.3	4780	53327	-210	9	-28	300
1430	40 48.6	59 58.9	4782	53318	-213	9	-29	299
1500	40 46.4	59 57.8	4789	*	*	*	*	*
1510	40 45.7	59 57.5	4791	53310	-196	*	*	*
1520	40 45.0	59 57.2	4793	53314	-186	7	-28	301
1530	40 44.4	59 56.9	4796	53318	-177	7	-27	302
1540	40 43.7	59 56.6	4798	53324	-165	*	*	*
1550	40 43.0	59 56.4	4800	53328	-156	6	-26	304
1600	40 42.4	59 56.1	4802	53332	-146	*	*	*
1610	40 41.7	59 55.9	4804	53331	-142	5	-28	302
1620	40 41.1	59 55.7	4806	53329	-139	*	*	*
1630	40 40.5	59 55.4	4807	53322	-141	*	*	*
1640	40 40.0	59 55.0	4811	53314	-144	*	*	*
1650	40 39.4	59 54.6	4813	53303	-150	11	-29	301
1700	40 38.9	59 54.1	4815	53294	-153	*	*	*
1710	40 38.2	59 53.5	4817	53280	-160	*	*	*
1720	40 37.5	59 52.9	4820	53269	-164	*	*	*
1730	40 36.8	59 52.5	4822	53261	-165	*	*	*
1740	40 36.1	59 52.0	4824	53250	-170	*	*	*
1750	40 35.2	59 51.5	4828	53240	-171	*	*	*
1800	40 34.3	59 51.0	4833	53232	-171	13	-30	302
1810	40 33.4	59 50.5	4835	53223	-172	13	-29	303
1820	40 32.5	59 50.0	4840	53215	-172	*	*	*
1830	40 31.5	59 49.6	4842	53206	-173	11	-30	302
1840	40 30.6	59 49.2	4848	53201	-170	11	-30	303
1850	40 29.7	59 48.7	4853	53194	-169	11	-29	304
1900	40 28.7	59 48.3	4857	53183	-172	*	*	*
1910	40 27.8	59 47.8	4860	53173	-174	13	-28	306
1920	40 26.8	59 47.3	4881	53163	-175	13	-28	307
1930	40 25.9	59 46.8	4871	53151	-179	13	-28	306
1940	40 25.0	59 46.3	4882	53142	-180	*	*	*
1950	40 24.1	59 45.7	4886	53135	-179	15	-28	307
2000	40 23.3	59 45.1	4888	53125	-180	*	*	*
2010	40 22.4	59 44.5	4897	53114	-183	16	-27	309
2020	40 21.5	59 43.8	4897	53103	-185	16	-28	308
2030	40 20.6	59 43.2	4899	53094	-185	16	-29	307
2040	40 19.7	59 42.6	4899	53083	-188	*	*	*
2050	40 18.9	59 42.0	4901	53072	-190	17	-29	308
2100	40 18.0	59 41.3	4903	53063	-191	*	*	*
2110	40 17.1	59 40.7	4906	53051	-194	17	-26	311
2120	40 16.2	59 40.0	4908	53039	-197	*	*	*
2130	40 15.3	59 39.3	4910	53027	-200	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2140	40 14.4	59 38.6	4912	53016	-202	*	*	*
2150	40 13.6	59 38.0	4913	53009	-201	17	-25	312
2200	40 12.8	59 37.3	4915	53004	-197	*	*	*
2210	40 11.9	59 36.7	4919	52993	-200	*	*	*
2220	40 11.0	59 36.2	4923	52981	-204	*	*	*
2230	40 10.2	59 35.7	4924	52969	-208	11	-26	312
2240	40 9.3	59 35.3	4926	52957	-212	*	*	*
2250	40 8.4	59 34.8	4928	52948	-214	13	-24	314
2300	40 7.6	59 34.3	4928	52941	-213	13	-24	314
2310	40 6.7	59 33.8	4930	52935	-210	13	-24	314
2320	40 5.7	59 33.3	4930	52930	-207	13	-25	313
2330	40 4.8	59 32.7	4934	52927	-201	*	*	*
2340	40 3.9	59 32.2	4935	52926	-194	14	-22	317

HUDSON 72-021 DAY 193 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
J000	40 2.4	59 32.0	4934	52922	-187	*	*	*
0010	40 3.1	59 31.0	4939	52922	-187	*	*	*
0020	40 3.8	59 30.0	4937	52927	-182	*	*	*
0030	40 4.9	59 30.5	4935	52926	-192	*	*	*
0040	40 5.9	59 30.9	4934	52925	-202	*	*	*
0050	40 7.0	59 31.4	4930	52926	-211	*	*	*
0100	40 8.1	59 31.9	4928	52929	-217	-12	-26	312
J110	40 9.1	59 32.3	4926	52933	-222	-12	-26	312
0120	40 10.2	59 32.8	4926	52941	-223	*	*	*
0130	40 11.1	59 33.4	4924	52956	-217	-16	-25	313
J140	40 12.1	59 34.0	4924	52972	-210	-16	-24	314
0150	40 13.0	59 34.7	4921	52984	-207	-16	-24	314
0200	40 14.0	59 35.3	4915	52993	-207	*	*	*
0210	40 15.0	59 36.0	4913	53003	-207	-18	-26	311
J220	40 16.0	59 36.7	4919	53014	-206	*	*	*
0230	40 17.1	59 37.2	4908	53028	-201	-12	-25	312
0240	40 18.2	59 37.7	4908	53042	-197	-12	-26	311
J520	40 16.7	59 36.4	4910	*	*	-15	-27	310
0530	40 17.8	59 37.0	4908	53033	-200	-15	-27	310
0540	40 18.9	59 37.6	4906	53051	-192	-15	-27	310
0550	40 19.9	59 38.2	4901	53066	-186	-15	-29	308
0600	40 20.9	59 38.8	4899	53075	-186	*	*	*
0610	40 21.9	59 39.4	4895	53081	-190	-16	-29	307
0620	40 22.9	59 40.1	4895	53086	-194	-16	-29	307
0630	40 23.8	59 40.7	4893	53095	-194	-16	-29	307
0640	40 24.8	59 41.3	4893	53106	-192	-16	-29	307
0650	40 25.8	59 42.0	4888	53115	-193	-16	-28	308
0700	40 26.8	59 42.6	4882	53128	-189	-16	-27	308
J710	40 27.8	59 43.2	4875	53139	-188	-16	-29	306
0720	40 28.9	59 43.9	4868	53149	-187	-16	-29	305
0730	40 29.9	59 44.5	4860	53160	-186	-16	-30	304
0740	40 30.9	59 45.2	4851	53168	-187	-16	-31	302
0750	40 32.0	59 45.9	4846	53178	-187	-16	-31	302
0800	40 33.0	59 46.5	4842	53183	-192	*	*	*
0810	40 34.1	59 47.1	4839	53192	-193	-15	-30	302
J820	40 35.2	59 47.7	4833	53205	-189	-15	-30	302
0830	40 36.3	59 48.3	4829	53218	-186	-15	-30	302
0840	40 37.4	59 48.9	4826	53235	-179	*	*	*
0850	40 38.5	59 49.5	4822	53250	-174	-16	-30	301
J900	40 39.5	59 50.2	4817	53266	-167	-16	-29	302
0910	40 40.6	59 50.8	4813	53281	-162	-16	-30	300
0920	40 41.7	59 51.4	4809	53290	-163	-16	-29	301
J930	40 42.7	59 52.1	4806	53294	-168	-16	-28	302
0940	40 43.8	59 52.7	4802	53286	-186	*	*	*
0950	40 44.9	59 53.2	4798	53284	-197	*	*	*
1000	40 46.0	59 53.7	4793	53286	-205	-12	-29	300
1010	40 47.1	59 54.2	4787	53296	-204	-12	-29	300
1020	40 48.3	59 54.7	4785	53309	-201	*	*	*
1030	40 49.5	59 55.1	4782	53326	-193	-8	-28	300
1040	40 50.6	59 55.4	4778	53346	-182	*	*	*

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TIME	LATITUDE		LONGITUDE		BATHY	T.F.	M.A.	EOTVOS	F.A.	H.A.
1050	40	51.7	59	55.7	4776	53362	-174	-7	-29	299
1100	40	52.8	59	56.0	4773	53373	-171	*	*	*
1110	40	53.9	59	56.4	4769	53378	-175	-8	-29	298
1120	40	55.0	59	56.7	4765	53378	-184	-8	-29	298
1130	40	56.1	59	57.0	4762	53378	-192	-8	-28	299
1140	40	57.1	59	57.4	4758	53379	-199	*	*	*
1150	40	58.2	59	57.8	4756	53387	-200	-10	-32	295
1200	40	59.3	59	58.2	4751	53399	-197	*	*	*
1210	41	.3	59	58.5	*	53415	-189	-8	-31	*
1220	41	1.4	59	58.9	*	53432	-180	-8	-31	*
1230	41	2.4	59	59.2	*	53448	-172	-8	-31	*
1240	41	3.4	59	59.6	4738	53462	-166	*	*	*
1250	41	4.4	60	0	4734	53469	-167	-10	-32	293
1300	41	5.4	60	.4	4731	53470	-174	*	*	*
1310	41	6.3	60	.8	4727	53467	-184	-8	-29	296
1320	41	7.2	60	1.1	4725	53466	-192	*	*	*
1330	41	8.2	60	1.5	4721	53467	-200	-10	-29	295
1340	41	9.2	60	2.0	4718	53475	-200	-10	-29	295
1350	41	10.2	60	2.4	4712	53489	-194	*	*	*
1400	41	10.7	60	3.3	4709	53501	-189	*	*	*
1410	41	11.2	60	4.1	4705	53513	-184	*	*	*
1420	41	11.6	60	5.0	4701	53524	-180	*	*	*
1430	41	12.1	60	5.8	4698	53532	-178	*	*	*
1440	41	12.6	60	6.7	4694	53538	-179	*	*	*
1450	41	13.5	60	7.3	4689	53544	-182	*	*	*
1500	41	14.3	60	8.0	4683	53547	-187	*	*	*
1510	41	15.3	60	8.4	4678	53547	-195	-11	-28	293
1520	41	16.2	60	8.9	4672	53548	-202	*	*	*
1530	41	17.0	60	9.4	4667	53552	-205	-12	-27	293
1540	41	17.8	60	9.9	4663	53556	-208	-12	-26	294
1550	41	18.7	60	10.4	4654	53563	-209	-12	-26	294
1600	41	19.5	60	10.9	4646	53569	-210	-12	-25	294
1610	41	20.3	60	11.4	4637	53578	-208	*	*	*
1640	41	22.8	60	8.3	4641	53585	-203	*	*	*
1650	41	23.6	60	5.2	4645	53581	-198	*	*	*
1700	41	24.4	60	2.1	4646	53573	-197	*	*	*
1710	41	25.1	59	58.9	4650	53568	-192	81	-30	289
1720	41	25.8	59	55.7	4661	53565	-185	81	-30	290

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0110	41 25.1	59 56.4	4659	53563	-186	*	*	*
0120	41 24.6	59 58.6	4656	53565	-191	*	*	*
0130	41 24.1	60 .9	4648	53567	-196	-57	-31	288
0140	41 23.6	60 3.2	4652	53573	-197	-57	-30	289
0150	41 23.1	60 5.4	4648	53580	-197	-57	-28	291
0200	41 22.1	60 6.7	4648	53588	-189	*	*	*
0210	41 20.3	60 6.3	4661	53575	-189	*	*	*
0220	41 18.5	60 4.9	4670	53561	-185	*	*	*
0230	41 16.6	60 3.4	4683	53563	-164	*	*	*
0240	41 14.7	60 1.8	4694	53567	-142	*	*	*
0250	41 12.8	60 .7	4703	53548	-144	*	*	*
0300	41 10.9	59 59.8	4712	53512	-164	23	-28	296
0310	41 9.0	59 58.9	4725	53485	-175	23	-28	296
0320	41 7.1	59 58.0	4729	53475	-169	23	-28	297
0330	41 5.2	59 57.1	4734	53472	-156	23	-27	298
0340	41 3.2	59 56.3	4743	53448	-163	*	*	*
0350	41 1.2	59 55.4	4749	53412	-183	*	*	*
0400	40 59.2	59 54.5	4756	53385	-193	*	*	*
0410	40 57.3	59 53.7	4762	53385	-178	21	-29	298
0420	40 55.5	59 52.8	4769	53399	-148	22	-27	300
0430	40 53.7	59 51.8	4773	53396	-135	*	*	*
0440	40 52.0	59 50.6	4780	53366	-149	*	*	*
0450	40 50.3	59 49.4	4787	53320	-179	31	-29	300
0500	40 48.6	59 48.2	4793	53284	-198	31	-28	301
0510	40 46.8	59 47.0	4802	53265	-201	31	-27	303
0520	40 45.1	59 46.1	4807	53263	-188	*	*	*
0530	40 43.4	59 45.3	4817	53271	-165	*	*	*
0540	40 41.7	59 44.4	4824	53270	-151	*	*	*
0550	40 39.8	59 43.3	4831	53246	-158	28	-24	308
0600	40 38.0	59 42.3	4839	53216	-172	28	-25	307
0610	40 36.2	59 41.2	4848	53198	-173	28	-26	307
0620	40 34.3	59 40.1	4855	53188	-167	28	-29	304
0630	40 32.5	59 39.1	4871	53181	-157	28	-32	302
0640	40 30.7	59 38.0	4882	53164	-157	28	-32	303
0650	40 28.8	59 37.0	4886	53130	-175	28	-33	302
0700	40 27.0	59 35.9	4890	53095	-193	*	*	*
0710	40 25.2	59 34.8	4893	53069	-202	30	-27	309
0720	40 23.5	59 33.6	4895	53061	-194	30	-26	310
0730	40 21.7	59 32.4	4899	53058	-180	30	-27	309
0740	40 19.9	59 31.3	4906	53039	-182	30	-27	310
0750	40 18.2	59 30.2	4910	53010	-194	30	-28	309
0800	40 16.4	59 29.0	4912	52984	-204	30	-24	313
0810	40 14.6	59 27.9	4917	52960	-210	30	-24	314
0820	40 12.7	59 26.7	4923	52935	-218	30	-27	311
0830	40 11.0	59 25.8	4926	52927	-211	*	*	*
0840	40 9.2	59 25.1	4930	52933	-190	*	*	*
0850	40 7.5	59 24.3	4934	52947	-161	*	*	*
0900	40 5.8	59 23.5	4935	52955	-138	*	*	*
0910	40 4.0	59 22.2	4935	52943	-148	35	-28	311
0920	40 2.0	59 20.8	4935	52931	-158	35	-26	313

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0930	40 7.9	59 20.6	4935	52917	-177	-13	-41	298
J94J	4J 9.J	59 21.1	4934	52921	-182	-13	-25	314
0950	40 10.1	59 21.7	4934	52922	-191	-13	-23	316
1000	40 11.1	59 22.2	4930	52921	-201	-13	-24	314
1J1J	4J 12.2	59 22.7	493J	52919	-213	-13	-25	313
1020	40 13.3	59 23.2	4934	52921	-220	-13	-25	314
1030	40 14.3	59 23.8	4930	52928	-222	-13	-24	314
1040	40 15.4	59 24.3	4928	52939	-221	*	*	*
1J5J	4J 16.4	59 24.9	4926	52951	-218	-16	-28	310
1100	40 17.4	59 25.6	4923	52963	-216	*	*	*
1110	40 18.5	59 26.3	4921	52976	-213	-16	-25	313
1120	40 19.5	59 26.9	4919	52989	-2J9	*	*	*
1130	40 20.5	59 27.5	4915	53002	-206	-14	-25	312
1140	4J 21.6	59 28.0	4912	53014	-203	-14	-25	312
1150	4J 22.6	59 28.6	4910	53020	-207	-14	-26	311
12JJ	4J 23.7	59 29.2	49J8	53021	-215	-14	-26	311
1210	40 24.7	59 29.7	4904	53024	-221	*	*	*
1220	40 25.8	59 30.3	4901	53023	-232	*	*	*
1230	40 26.9	59 30.6	4899	53031	-233	*	*	*
1240	40 28.0	59 31.0	4897	53040	-232	*	*	*
1250	40 29.2	59 31.4	4893	53055	-227	*	*	*
1300	40 30.4	59 31.8	4890	53069	-223	*	*	*
1310	4J 31.4	59 32.4	4886	53J92	-2J9	-16	-33	3J2
1320	40 32.5	59 33.1	4884	53119	-192	-16	-32	303
1330	40 33.5	59 33.7	4879	53141	-179	-16	-32	303
1340	40 34.6	59 34.4	4875	53162	-168	-16	-31	304
135J	4J 35.6	59 35.J	4873	53165	-175	-16	-3J	3J5
1400	40 36.6	59 35.6	4868	53164	-185	-16	-30	304
1410	40 37.7	59 36.3	4864	53162	-197	-16	-30	304
1420	40 38.7	59 36.9	4860	53165	-203	-16	-29	305
143J	4J 39.8	59 37.6	4857	53176	-202	-16	-27	306
1440	40 40.8	59 38.2	4840	53189	-199	*	*	*
1450	40 41.8	59 39.0	4835	53208	-190	-19	-31	301
15JJ	4J 42.9	59 39.7	4831	53226	-182	*	*	*
1510	40 44.1	59 40.3	4822	53236	-182	-14	-30	301
1520	40 45.3	59 40.9	4818	53236	-192	-14	-30	301
1530	40 46.5	59 41.5	4811	53235	-204	-14	-29	301
154J	4J 47.7	59 42.J	4806	53236	-213	-14	-32	298
1550	40 48.8	59 42.6	4802	53246	-213	-14	-31	299
1600	40 50.0	59 43.2	4796	53264	-205	-14	-32	297
1610	40 51.2	59 43.8	4791	53288	-192	-14	-31	298
162J	4J 52.4	59 44.4	4787	53312	-178	*	*	*
1630	40 53.5	59 45.0	4782	53341	-159	*	*	*
1640	40 54.7	59 45.5	4778	53370	-139	*	*	*
1650	40 55.8	59 46.1	4774	53393	-126	-14	-3J	298
1700	40 56.9	59 46.7	4769	53407	-122	-14	-31	296
1710	40 58.1	59 47.2	4765	53404	-135	-14	-33	294
1720	40 59.2	59 47.8	4762	53394	-154	*	*	*
173J	41 .3	59 48.3	4758	53382	-175	-12	-30	297
1740	41 1.3	59 48.8	4754	53376	-190	-12	-30	296

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1750	41 2.4	59 49.2	4753	53380	-195	-12	-32	294
1800	41 3.4	59 49.7	4747	53394	-189	-12	-33	293
1810	41 4.5	59 50.2	4743	53416	-176	-12	-32	294
1820	41 5.5	59 50.7	4738	53437	-164	*	*	*
1830	41 6.5	59 51.2	4734	53455	-154	-11	-32	293
1840	41 7.5	59 51.6	4731	53465	-153	-11	-31	294
1850	41 8.5	59 52.0	4725	53469	-157	-11	-32	292
1900	41 9.5	59 52.5	4725	53469	-165	-11	-31	293
1910	41 10.5	59 53.0	4718	53469	-173	-11	-31	293
1920	41 11.4	59 53.4	4716	53471	-179	-11	-31	293
1930	41 12.3	59 53.9	4712	53479	-180	-11	-30	294
1940	41 13.3	59 54.4	4707	53493	-174	*	*	*
1950	41 14.2	59 54.9	4705	53508	-167	-12	-30	293
2000	41 15.2	59 55.4	4700	53526	-157	*	*	*
2010	41 15.8	59 56.1	4696	53541	-149	-16	-32	290
2020	41 16.4	59 56.7	4692	53551	-145	*	*	*
2030	41 17.3	59 57.2	4689	53560	-144	*	*	*
2040	41 18.1	59 57.7	4683	53567	-144	*	*	*
2050	41 19.0	59 58.2	4678	53570	-149	-12	-32	289
2100	41 19.8	59 58.7	4672	53572	-155	-12	-32	289
2110	41 20.7	59 59.1	4667	53571	-163	-12	-32	288
2120	41 21.6	59 59.6	4661	53567	-175	-12	-32	288
2130	41 22.4	60 .1	4657	53572	-177	-12	-32	288
2140	41 23.3	60 .6	4652	53576	-181	*	*	*
2150	41 24.3	60 1.1	4645	53577	-188	-11	-33	286
2200	41 25.3	60 .3	4641	53580	-188	*	*	*
2210	41 25.8	59 57.4	4654	53576	-182	*	*	*
2220	41 25.7	59 54.1	4657	53570	-173	*	*	*
2230	41 25.6	59 52.2	4667	53560	-173	*	*	*
2240	41 25.4	59 51.0	4670	53555	-171	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
JJ3J	41 23.6	59 47.8	4679	53535	-166	*	*	*
0040	41 22.9	59 48.6	4685	53525	-176	*	*	*
0050	41 23.5	59 50.9	4667	53538	-177	*	*	*
J1JJ	41 24.1	59 53.2	4667	53551	-178	*	*	*
0110	41 24.7	59 55.5	4665	53561	-182	-57	-30	290
0120	41 23.6	59 55.7	4661	53566	-170	*	*	*
0130	41 22.0	59 55.2	4672	53554	-171	*	*	*
0140	41 20.3	59 54.6	4683	53543	-168	*	*	*
0150	41 18.2	59 53.5	4694	53534	-159	*	*	*
0200	41 16.2	59 52.4	4703	53513	-163	*	*	*
0210	41 14.2	59 51.2	4710	53481	-177	*	*	*
0220	41 12.3	59 50.0	4718	53460	-180	*	*	*
0230	41 10.3	59 48.9	4725	53465	-158	*	*	*
0240	41 8.3	59 47.9	4734	53458	-148	26	-31	294
J25J	41 6.3	59 46.9	4742	53425	-164	26	-30	296
0300	41 4.4	59 45.8	4751	53392	-180	26	-29	297
0310	41 2.4	59 44.8	4756	53389	-166	26	-27	300
J32J	41 .4	59 43.8	4765	53410	-128	26	-26	3J1
0330	40 58.5	59 42.8	4773	53411	-111	25	-30	298
0340	40 56.7	59 41.9	4780	53383	-123	25	-29	299
0350	40 54.9	59 40.9	4789	53349	-141	25	-27	302
J4JJ	4J 53.1	59 39.9	4796	53320	-154	25	-26	303
0410	40 51.3	59 39.0	4806	53286	-172	25	-27	303
0420	40 49.5	59 38.0	4815	53252	-190	26	-28	303
0430	40 47.7	59 37.0	4824	53229	-197	26	-26	3J5
J44J	4J 45.9	59 35.9	4835	53215	-195	26	-25	307
0450	40 44.1	59 34.9	4848	53201	-193	26	-26	307
0500	40 42.3	59 33.9	4857	53184	-194	*	*	*
0510	40 40.5	59 32.8	4868	53164	-197	28	-26	3J8
0520	40 38.7	59 31.7	4873	53154	-191	28	-26	309
0530	40 36.9	59 30.6	4881	53151	-177	29	-27	308
0540	40 35.1	59 29.5	4886	53142	-170	29	-27	308
J55J	4J 33.3	59 28.4	489J	53120	-175	29	-28	3J8
0600	40 31.5	59 27.3	4893	53096	-183	29	-29	307
0610	40 29.7	59 26.2	4903	53071	-191	29	-28	309
0620	40 27.9	59 25.1	4908	53045	-200	29	-28	309
J63J	4J 26.1	59 24.0	4912	53021	-208	29	-26	311
0640	40 24.4	59 22.9	4915	53002	-210	29	-26	311
0650	40 22.6	59 21.8	4919	52986	-210	29	-26	312
0700	40 20.9	59 20.7	4923	52968	-211	*	*	*
J71J	4J 19.2	59 19.7	4926	52953	-211	27	-26	312
0720	40 17.6	59 18.7	4930	52939	-210	27	-26	312
0730	40 15.9	59 17.7	4934	52932	-201	27	-27	312
0740	40 14.3	59 16.6	4935	52924	-194	27	-28	311
0750	40 12.6	59 15.6	*	52909	-193	27	-29	*
0800	40 11.0	59 14.6	*	52885	-202	27	-29	*
0810	40 9.3	59 13.6	*	52859	-212	27	0	*
J82J	4J 9.8	59 11.3	4939	52842	-222	*	*	*
0830	40 10.9	59 8.6	4941	52845	-214	*	*	*
0340	40 11.9	59 6.0	4941	52852	-202	70	-29	310

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0850	40 13.0	59 3.3	4941	52858	-191	70	-28	311
0900	40 14.0	59 .7	4939	52852	-191	*	*	*
0910	40 14.9	58 58.3	4939	52839	-199	63	-35	304
J92J	4J 16.J	58 56.6	4939	5283J	-2J8	*	*	*
0930	40 18.1	58 57.7	4935	52841	-216	*	*	*
0940	40 20.2	58 58.9	4934	52863	-213	*	*	*
0950	40 22.3	58 60.0	4930	52888	-206	*	*	*
1000	40 24.4	59 1.1	4924	52909	-204	-28	-19	319
1010	40 26.5	59 2.2	4923	52922	-210	-28	-19	319
1020	40 28.6	59 3.4	4917	52938	-213	-28	-21	317
1J3J	4J 3J.6	59 4.5	4912	52961	-2J8	*	*	*
1040	40 32.7	59 5.7	4908	52982	-206	-29	-27	310
1050	40 34.8	59 6.8	4904	53006	-201	-29	-28	309
1100	40 36.9	59 8.0	49J1	53J3J	-196	*	*	*
1110	40 38.9	59 9.4	4895	53055	-190	-34	-28	308
1120	40 40.8	59 10.7	4890	53088	-176	-34	-28	308
1130	40 42.8	59 12.1	4884	53123	-159	-34	-29	306
114J	4J 44.8	59 13.3	4875	53155	-146	*	*	*
1150	40 46.7	59 14.2	4860	53179	-138	*	*	*
1200	40 48.7	59 15.1	4853	53184	-150	-23	-23	310
1210	40 50.6	59 16.1	4846	53178	-173	-23	-23	310
122J	4J 52.6	59 17.J	484J	5317J	-197	-23	-24	308
1230	40 54.5	59 17.9	4835	53162	-222	-23	-27	305
1240	40 56.5	59 18.8	4831	53168	-233	-23	-29	303
1250	40 58.4	59 19.8	4822	53185	-232	-23	-31	3JJ
13JJ	41 .4	59 20.7	4813	53213	-221	*	*	*
1310	41 2.2	59 21.6	4802	53240	-209	-21	-27	303
1320	41 4.0	59 22.4	4802	53262	-202	-21	-28	302
1330	41 5.7	59 23.3	4787	53284	-195	-21	-28	3J1
1340	41 7.5	59 24.2	4773	53306	-188	-25	-32	296
1350	41 9.2	59 25.2	4754	53331	-179	-25	-27	299
1400	41 10.9	59 26.3	4749	53345	-180	-25	-26	300
141J	41 12.5	59 27.3	4751	53349	-191	-25	-26	300
1420	41 14.2	59 28.4	4740	53359	-196	-25	-26	299
1430	41 15.9	59 29.4	4731	53377	-194	-25	-25	300
1440	41 17.6	59 30.4	4720	53399	-187	-25	-26	298
145J	41 19.3	59 31.5	4714	53411	-19J	-25	-27	297
1500	41 21.0	59 32.5	4707	53416	-200	*	*	*
1510	41 22.7	59 33.6	4700	53431	-201	-26	-28	295
1520	41 24.4	59 34.7	4694	53457	-19J	-26	-29	293
1530	41 26.1	59 35.7	4690	53480	-183	-26	-29	293
1540	41 27.8	59 36.8	4685	53494	-184	-26	-30	292
1550	41 29.5	59 37.9	4681	53505	-188	-26	-30	291
16JJ	41 31.2	59 39.J	4674	53521	-188	*	*	*
1610	41 30.2	59 41.0	4667	53530	-182	*	*	*
1620	41 29.3	59 43.0	4668	53536	-179	*	*	*
1630	41 28.3	59 45.0	4657	53540	-178	*	*	*
211J	41 25.9	59 42.6	4670	53543	-149	*	*	*
2120	41 27.2	59 40.1	4678	53516	-173	*	*	*
2130	41 28.5	59 38.6	4681	53518	-172	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2140	41 29.8	59 37.0	4681	53529	-162	*	*	*
2150	41 31.1	59 35.4	4676	53548	-144	*	*	*
2200	41 32.4	59 33.9	4678	53559	-134	*	*	*
2210	41 31.7	59 33.4	4679	53552	-135	*	*	*
2220	41 31.0	59 32.9	4687	53543	-137	13	-32	290
2230	41 30.3	59 32.3	4692	53534	-139	13	-32	290
2240	41 29.6	59 31.8	4698	53522	-144	*	*	*
2250	41 28.8	59 31.3	4705	53509	-150	12	-27	296
2300	41 28.0	59 30.8	4705	53494	-158	12	-27	296
2310	41 27.3	59 30.3	4714	53481	-164	12	-27	297
2320	41 26.5	59 29.8	4712	53468	-170	12	-27	297
2330	41 25.7	59 29.3	4692	53456	-175	12	-27	295
2340	41 24.9	59 28.8	4698	53445	-179	12	-26	297
2350	41 24.2	59 28.3	4705	53437	-180	12	-27	296

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
JJ JJ	41 23.4	59 27.8	4720	53434	-176	12	-27	297
0010	41 22.6	59 27.3	4725	53432	-171	12	-27	297
0020	41 21.7	59 26.8	4727	53430	-165	12	-26	299
JJ JJ	41 20.9	59 26.4	4729	53428	-160	12	-26	299
0040	41 20.1	59 25.9	4731	53424	-157	12	-26	299
0050	41 19.2	59 25.4	4736	53417	-156	12	-26	299
0100	41 18.4	59 24.9	4740	53408	-158	12	-25	300
J11J	41 17.5	59 24.5	4747	53396	-163	12	-25	301
0120	41 16.7	59 24.0	4754	53388	-163	12	-25	301
0130	41 15.9	59 23.5	4756	53381	-163	12	-25	302
0140	41 15.0	59 23.1	4760	53373	-163	12	-25	302
J150	41 14.2	59 22.6	4758	53369	-160	12	-25	302
0200	41 13.4	59 22.1	4762	53363	-159	12	-26	301
0210	41 12.5	59 21.6	4773	53357	-157	12	-25	303
J22J	41 11.7	59 21.2	4780	53350	-157	12	-26	302
0230	41 10.8	59 20.7	4784	53340	-159	12	-27	301
0240	41 10.0	59 20.2	4787	53332	-160	*	*	*
0250	41 9.2	59 19.8	4793	53322	-163	11	-29	300
0300	41 8.4	59 19.3	4795	53311	-167	11	-29	300
0310	41 7.6	59 18.9	4796	53301	-170	11	-29	300
0320	41 6.8	59 18.4	4802	53292	-172	11	-29	301
J33J	41 6.0	59 18.0	4804	53285	-171	11	-29	301
0400	41 3.5	59 16.6	4815	53261	-174	11	-29	302
0410	41 2.7	59 16.2	4820	53250	-178	11	-29	302
0420	41 1.9	59 15.7	4818	53237	-184	11	-27	304
J43J	41 1.1	59 15.3	4820	53226	-188	11	-27	304
0440	41 .3	59 14.8	4820	53218	-188	11	-26	305
0450	40 59.5	59 14.4	4824	53212	-187	11	-26	305
0500	40 58.7	59 13.9	4828	53210	-182	*	*	*
0510	40 58.0	59 13.5	4828	53211	-175	9	-27	304
0520	40 57.2	59 13.2	4829	53212	-168	9	-26	306
0530	40 56.5	59 12.8	4831	53213	-160	9	-25	307
0540	40 55.8	59 12.4	4833	53215	-152	9	-24	308
0550	40 55.0	59 12.1	4835	53215	-146	9	-23	309
0600	40 54.3	59 11.7	4835	53212	-142	9	-23	309
0610	40 53.6	59 11.3	4837	53207	-141	9	-23	309
J62J	40 52.8	59 11.0	4839	53203	-139	9	-24	308
0630	40 52.1	59 10.6	4842	53198	-137	9	-24	308
0640	40 51.4	59 10.2	4844	53192	-137	9	-24	309
0650	40 50.6	59 9.9	4848	53187	-136	9	-24	309
0700	40 49.9	59 9.5	4849	53182	-134	*	*	*
0710	40 49.2	59 9.2	4851	53176	-134	8	-25	308
0720	40 48.4	59 8.8	4853	53165	-139	8	-27	306
J73J	40 47.7	59 8.5	4857	53154	-144	8	-27	306
0740	40 46.9	59 8.2	4860	53144	-147	8	-27	307
0750	40 46.2	59 7.9	4864	53134	-151	8	-27	307
0800	40 45.5	59 7.5	4870	53126	-153	8	-27	307
J81J	40 44.7	59 7.2	4875	53119	-154	8	-26	309
0820	40 44.0	59 6.9	4886	53110	-157	8	-27	308
0830	40 43.3	59 6.6	4886	53100	-161	8	-29	306

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0840	40 42.6	59 6.2	4886	53091	-164	8	-29	306
0850	40 42.0	59 5.9	4888	53081	-168	8	-29	307
0900	40 41.3	59 5.6	4890	53071	-172	8	-29	307
J91J	4J 4J.6	59 5.2	4893	53J61	-176	8	-29	307
0920	40 39.9	59 4.9	4893	53053	-178	*	*	*
0930	40 39.3	59 4.6	4895	53045	-181	*	*	*
0940	40 38.6	59 4.3	4897	53036	-184	7	-31	305
J95J	4J 38.J	59 4.J	4897	53029	-186	7	-31	305
1000	40 37.3	59 3.7	4901	53020	-189	7	-30	307
1010	40 36.7	59 3.4	4901	53012	-192	7	-30	307
1J2J	4J 36.1	59 3.1	49J1	53JJ5	-193	7	-29	3J8
1030	40 35.4	59 2.8	4904	52997	-196	7	-28	309
1040	40 34.8	59 2.5	4904	52988	-199	*	*	*
1050	40 34.3	59 2.1	4908	52981	-201	9	-28	309
11JJ	4J 33.7	59 1.8	49J8	52973	-204	9	-28	309
1110	40 33.2	59 1.4	4912	52967	-205	9	-27	310
1120	40 32.7	59 1.0	4913	52960	-207	9	-27	310
1130	40 32.1	59 .7	4915	52953	-209	9	-28	309
1140	40 31.6	59 .3	4915	52945	-212	9	-28	309
1150	40 31.1	58 59.9	4917	52938	-213	9	-27	311
1200	40 30.5	58 59.6	4919	52932	-214	9	-27	311
1210	40 30.0	58 59.2	4919	52926	-215	9	-29	3J9
1220	40 29.5	58 58.8	4919	52919	-217	9	-28	310
1230	40 28.9	58 58.5	4923	52914	-217	9	-28	310
1240	40 28.4	58 58.1	4923	52909	-217	*	*	*
125J	4J 27.9	58 57.9	4923	529J2	-219	6	-29	309
1300	40 27.3	58 57.6	4924	52895	-221	6	-26	312
1310	40 26.8	58 57.3	4924	52887	-225	6	-26	312
1320	40 26.3	58 57.1	4926	52879	-228	6	-27	311
1330	40 25.7	58 56.8	4926	52872	-231	6	-26	312
1340	40 25.2	58 56.6	4928	52866	-232	*	*	*
1350	40 24.7	58 56.3	4930	52860	-233	9	-27	311
1400	40 24.3	58 55.9	493J	52854	-235	9	-27	311
1410	40 23.8	58 55.5	4932	52849	-235	9	-27	312
1420	40 23.3	58 55.2	4934	52845	-234	*	*	*
1430	40 22.8	58 54.7	4934	52838	-236	11	-23	316
144J	4J 22.4	58 54.3	*	52832	-237	11	-24	*
1450	40 21.9	58 53.8	*	52825	-239	11	-25	*
1500	40 21.4	58 53.4	*	52818	-241	11	-26	*
1510	40 21.0	58 53.0	*	52812	-242	11	-26	*
152J	4J 2J.5	58 52.5	4941	52808	-241	11	-27	312
1530	40 20.1	58 52.0	4941	52805	-239	11	-24	315
1540	40 19.6	58 51.6	4943	52802	-237	*	*	*
1550	40 19.1	58 51.2	4943	528J1	-233	1J	-24	315
1600	40 18.6	58 50.8	4945	52803	-226	10	-23	317
1610	40 18.1	58 50.4	4945	52803	-221	10	-24	316
1620	40 17.6	58 50.1	4945	52803	-216	10	-25	315
1630	40 17.1	58 49.7	4946	528J2	-211	1J	-25	315
1640	40 16.6	58 49.3	4948	52799	-209	10	-26	314
1740	40 16.2	58 49.2	4948	*	*	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1750	4J 16.2	58 49.9	4948	*	*	*	*	*
1800	40 16.3	58 50.6	4946	52812	-200	*	*	*
1810	40 16.3	58 51.3	4948	52819	-197	-18	-25	315
1820	40 16.4	58 52.0	4948	52824	-195	*	*	*
1830	40 16.2	58 52.5	4946	52828	-192	-12	-21	319
1840	40 16.0	58 52.9	4946	52829	-192	-12	-23	317
1850	40 15.8	58 53.4	4946	52829	-193	-12	-26	314
1900	40 15.6	58 53.9	4946	52830	-193	-12	-26	314
1910	40 15.4	58 54.3	4946	52830	-194	-12	-27	313
1920	40 15.2	58 54.8	4946	52830	-194	*	*	*
1930	40 15.0	58 55.3	4946	52829	-197	-14	-23	317
1940	4J 14.8	58 55.9	4946	52829	-198	-14	-23	317
1950	40 14.6	58 56.4	4945	52830	-198	-14	-24	316
2000	40 14.4	58 57.0	4945	52834	-195	-14	-25	315
2010	40 14.3	58 57.5	4945	52837	-193	-14	-25	315
2020	4J 14.1	58 58.0	4945	52842	-190	-14	-23	317
2030	40 13.9	58 58.6	4945	52845	-188	-14	-24	316
2040	40 13.7	58 59.1	4945	52847	-187	*	*	*
2050	40 13.5	58 59.7	4945	52850	-186	-17	-24	316
2100	40 13.4	59 .4	4945	52849	-189	*	*	*
2110	40 14.0	59 .9	4945	52851	-193	*	*	*
2120	40 14.6	59 1.4	4943	52858	-192	*	*	*
2130	4J 15.3	59 2.0	4941	52860	-197	*	*	*
2140	40 15.9	59 2.6	4939	52863	-201	-14	-21	318
2150	40 16.5	59 3.1	4937	52868	-203	-14	-19	320
2200	4J 17.2	59 3.7	4937	52873	-205	*	*	*
2210	40 18.0	59 4.2	4934	52877	-209	*	*	*
2220	40 18.9	59 4.6	4935	52883	-210	*	*	*
2230	4J 19.8	59 5.2	4935	52891	-211	-14	-24	315
2240	40 20.7	59 5.7	4934	52899	-211	-14	-20	319
2250	40 21.5	59 6.3	4934	52908	-210	-14	-19	320
2300	40 22.4	59 6.9	4932	52913	-214	*	*	*
2310	40 23.4	59 7.5	4930	52921	-215	-15	-20	318
2320	40 24.4	59 8.1	4928	52930	-215	-15	-20	318
2330	40 25.4	59 8.7	4926	52940	-214	-15	-20	318
2340	4J 26.4	59 9.3	4924	52952	-212	-15	-20	318
2350	40 27.4	59 9.9	4923	52965	-208	-15	-20	318

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
0000	40 28.3	59 10.5	4921	52976	-205	*	*	*
0010	40 29.3	59 11.1	4919	52990	-201	-14	-23	315
0020	40 30.4	59 11.6	4915	53003	-197	*	*	*
0030	40 31.4	59 12.1	4912	53016	-193	*	*	*
0040	40 32.4	59 12.7	4910	53028	-190	*	*	*
0050	40 33.5	59 13.2	4908	53041	-186	-14	-21	316
0100	40 34.5	59 13.8	4904	53053	-184	*	*	*
0110	40 35.6	59 14.2	4901	53066	-179	-9	-25	312
0120	40 36.7	59 14.6	4901	53080	-174	-9	-25	312
0130	40 37.8	59 15.0	4897	53097	-166	-9	-24	312
0140	40 38.9	59 15.3	4893	53112	-160	-9	-25	311
0150	40 40.0	59 15.7	4890	53128	-153	-9	-24	312
0200	40 41.1	59 16.1	4886	53145	-145	*	*	*
0210	40 42.2	59 16.6	4882	53160	-139	*	*	*
0220	40 43.4	59 17.1	4879	53171	-138	*	*	*
0230	40 44.5	59 17.7	4871	53182	-136	*	*	*
0240	40 45.6	59 18.2	4871	53189	-139	*	*	*
0250	40 46.5	59 18.6	4868	53191	-144	-10	-36	298
0300	40 47.3	59 19.0	4866	53189	-154	*	*	*
0310	40 48.3	59 19.5	4864	53187	-164	-12	-36	298
0320	40 49.2	59 19.9	4860	53183	-176	-12	-35	299
0330	40 50.2	59 20.4	4860	53181	-187	-12	-35	299
0340	40 51.2	59 20.9	4859	53180	-196	*	*	*
0350	40 52.1	59 21.3	4857	53180	-204	-11	-36	297
0400	40 52.9	59 21.8	4849	53179	-212	-11	-37	296
0410	40 53.8	59 22.2	4846	53183	-216	*	*	*
0420	40 54.7	59 22.7	4840	53190	-217	*	*	*
0430	40 55.6	59 23.1	4833	53200	-214	*	*	*
0440	40 56.4	59 23.4	4829	53211	-210	-8	-25	307
0450	40 57.3	59 23.7	4826	53224	-204	-8	-26	305
0500	40 58.2	59 24.1	4820	53238	-197	*	*	*
0510	40 59.0	59 24.5	4817	53252	-190	-10	-26	305
0520	40 59.7	59 25.0	4809	53265	-184	-10	-26	304
0530	41 .5	59 25.4	4811	53278	-178	-10	-27	303
0540	41 1.3	59 25.8	4806	53292	-170	-10	-26	304
0550	41 2.1	59 26.3	4802	53303	-166	-10	-27	303
0600	41 2.8	59 26.7	4796	53314	-162	-10	-28	301
0610	41 3.6	59 27.1	4791	53326	-157	-10	-26	303
0620	41 4.4	59 27.5	4785	53338	-152	-10	-27	302
0630	41 5.1	59 28.0	4780	53349	-147	-10	-27	301
0640	41 5.9	59 28.4	4774	53356	-147	*	*	*
0650	41 6.6	59 28.8	4769	53361	-149	-11	-26	301
0700	41 7.3	59 29.3	4765	53365	-151	-11	-25	302
0720	41 7.7	59 30.6	4765	53376	-148	*	*	*
0730	41 6.9	59 30.2	4769	53375	-142	*	*	*
0740	41 6.0	59 29.8	4773	53370	-140	*	*	*
0750	41 5.2	59 29.4	4773	53362	-141	10	-28	300
0800	41 4.3	59 29.1	4780	53351	-145	10	-28	300
0810	41 3.5	59 28.7	4787	53340	-149	10	-28	301
0820	41 2.7	59 28.3	4795	53326	-156	10	-28	301

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0830	41 1.8	59 27.9	4800	53311	-164	10	-28	3J2
0840	41 1.0	59 27.5	4804	53298	-170	*	*	*
0850	41 1.5	59 27.8	4806	53283	-190	*	*	*
0900	41 2.1	59 28.0	4802	53298	-179	*	*	*
0910	41 2.7	59 28.2	4795	53312	-170	*	*	*
0920	41 3.2	59 28.5	4791	53327	-160	*	*	*
0930	41 3.9	59 28.9	4784	53342	-151	-10	-26	3J2
0940	41 4.0	59 29.3	4776	53353	-146	-10	-27	301
0950	41 5.4	59 29.7	4774	53363	-143	-10	-25	303
1000	41 6.1	59 30.1	4773	53371	-141	-10	-25	303
1010	41 6.8	59 30.5	4771	53372	-147	-10	-25	303
1020	41 7.5	59 30.9	4769	53372	-153	-10	-26	301
1030	41 8.3	59 31.3	4765	53370	-161	-10	-25	302
1040	41 9.0	59 31.8	4762	53365	-173	-10	-26	301
1050	41 9.7	59 32.2	4758	53361	-183	-10	-27	300
1100	41 10.5	59 32.6	4754	53359	-192	-10	-26	300
1110	41 11.2	59 33.0	4751	53359	-198	-10	-27	299
1120	41 11.9	59 33.4	4751	53361	-202	-10	-26	300
1130	41 12.6	59 33.8	4747	53364	-206	-10	-27	299
1140	41 13.4	59 34.2	4734	53372	-204	-10	-27	298
1150	41 14.1	59 34.6	4732	53379	-203	-10	-28	297
1200	41 14.8	59 35.0	4718	53387	-202	*	*	*
1210	41 15.5	59 35.3	4723	53396	-199	-8	-26	298
1220	41 16.1	59 35.7	4718	53403	-197	-8	-28	296
1230	41 16.8	59 36.0	4705	53408	-198	-8	-28	295
1240	41 17.5	59 36.3	4700	53413	-199	-8	-28	295
1250	41 18.2	59 36.6	4700	53418	-199	-8	-25	298
1300	41 18.8	59 37.0	4701	53422	-201	-8	-25	298
1310	41 19.5	59 37.3	4703	53427	-202	-8	-25	298
1320	41 20.2	59 37.6	4701	53435	-199	-8	-26	297
1330	41 20.8	59 38.0	4700	53443	-197	-8	-26	297
1340	41 21.5	59 38.3	4698	53451	-194	*	*	*
1350	41 22.1	59 38.6	4696	53459	-191	-6	-27	295
1400	41 22.7	59 38.8	4692	53465	-190	*	*	*
1410	41 23.3	59 39.2	4692	53471	-190	-9	-29	293
1420	41 24.0	59 39.5	4689	53475	-191	-9	-29	293
1430	41 24.6	59 39.9	4681	53478	-194	-9	-28	293
1440	41 25.2	59 40.3	4681	53481	-196	*	*	*
1450	41 25.8	59 40.7	4681	53484	-199	*	*	*
1500	41 26.5	59 41.0	4681	53487	-202	*	*	*
1510	41 27.1	59 41.4	4681	53491	-203	-9	-28	293
1520	41 27.7	59 41.8	4679	53497	-203	-9	-26	295
1530	41 28.4	59 42.1	4674	53505	-200	-9	-26	295
1540	41 29.0	59 42.5	4670	53517	-194	-9	-27	294

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0500	41 26.6	59 30.8	4714	53465	-178	*	*	*
0510	41 28.4	59 29.6	4703	53477	-173	30	-27	296
0520	41 30.3	59 28.7	4701	53481	-175	*	*	*
J530	41 32.2	59 27.9	4696	53486	-179	*	*	*
0540	41 33.0	59 27.2	4700	53488	-179	*	*	*
0550	41 31.8	59 26.1	4707	53469	-185	25	-27	296
J600	41 29.8	59 25.1	4710	53449	-189	*	*	*
0610	41 27.9	59 24.2	4716	53429	-193	22	-25	299
0620	41 26.0	59 23.4	4718	53417	-189	22	-23	301
0630	41 24.0	59 22.6	4725	53407	-184	17	-28	296
J640	41 22.1	59 21.9	4732	53400	-176	19	-24	301
0650	41 20.2	59 21.1	4745	53385	-175	23	-24	302
0700	41 18.4	59 20.2	4751	53365	-180	*	*	*
J710	41 16.4	59 19.1	4762	53350	-177	28	-26	301
0720	41 14.5	59 17.9	4769	53334	-176	31	-24	303
0730	41 12.7	59 16.7	4778	53315	-178	31	-24	304
0740	41 10.8	59 15.6	4785	53296	-180	26	-29	300
J750	41 8.8	59 14.6	4795	53282	-177	26	-24	305
0800	41 6.9	59 13.6	4804	53271	-172	26	-25	305
0810	41 4.9	59 12.6	4807	53251	-175	26	-23	307
J820	41 2.9	59 11.6	4817	53226	-183	26	-24	307
0830	41 1.0	59 10.6	4822	53209	-183	26	-22	309
0840	40 59.0	59 9.7	4826	53204	-171	21	-23	308
J850	40 57.2	59 8.8	4831	53203	-156	21	-19	313
0900	40 55.3	59 8.0	4835	53203	-141	22	-18	314
0910	40 53.4	59 7.2	4839	53196	-132	22	-22	310
0920	40 51.6	59 6.3	4842	53190	-122	23	-21	311
0930	40 49.8	59 5.4	4849	53163	-134	23	-21	312
0940	40 48.0	59 4.5	4859	53131	-150	27	-22	312
J950	40 46.1	59 3.4	4864	53105	-160	27	-24	310
1000	40 44.3	59 2.4	4882	53081	-167	*	*	*
1010	40 42.5	59 1.2	4893	53054	-177	31	-24	312
1020	40 40.6	58 60.0	4897	53030	-183	31	-26	310
1030	40 38.8	58 58.8	4901	53007	-189	33	-25	312
1040	40 37.0	58 57.5	4908	52980	-199	33	-25	312
1050	40 35.2	58 56.3	4915	52954	-208	28	-24	313
1100	40 33.3	58 55.2	4919	52939	-205	28	-26	312
1110	40 31.4	58 54.1	4921	52925	-202	28	-27	311
1120	40 29.6	58 52.9	4926	52906	-204	33	-24	314
1130	40 27.9	58 51.6	4930	52884	-209	33	-24	314
1140	40 26.1	58 50.5	4935	52867	-209	27	-27	312
1150	40 24.3	58 49.5	4939	52848	-212	27	-23	316
1200	40 22.5	58 48.5	4941	52831	-213	27	-22	317
1210	40 20.8	58 47.4	4945	52818	-209	27	-22	318
1220	40 19.0	58 46.4	4948	52800	-211	27	-23	317
1240	40 19.6	58 48.4	4945	52804	-220	*	*	*
1250	40 21.0	58 50.3	4941	52812	-230	*	*	*
1300	40 22.5	58 52.1	4939	52826	-234	*	*	*
1310	40 23.9	58 53.9	4935	52844	-233	*	*	*
1320	40 25.3	58 55.9	4930	52861	-235	*	*	*

HUDSON 72-021 DAY 198 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1330	40 26.6	58 57.9	4926	52878	-235	*	*	*
1340	40 27.9	58 60.0	4924	52892	-239	-47	-16	322
1350	40 29.5	59 1.8	4923	52908	-242	-47	-27	311
1400	40 31.1	59 3.7	4917	52930	-239	-47	-25	313
1410	40 32.7	59 5.5	4913	52956	-231	-47	-25	312
1420	40 34.2	59 7.5	4910	52978	-228	-51	-23	314
1430	40 35.6	59 9.7	4908	53004	-221	-60	-27	310
1440	40 37.0	59 12.1	4903	53030	-215	*	*	*
1450	40 38.3	59 14.4	4899	53063	-201	-60	-23	313
1500	40 39.7	59 16.8	4892	53093	-191	*	*	*
1510	40 41.0	59 19.2	4884	53117	-186	-62	-23	312
1520	40 42.4	59 21.7	4881	53117	-206	-62	-22	313
1530	40 43.7	59 24.1	4877	53119	-224	-62	-21	314
1540	40 45.1	59 26.5	4868	53134	-228	-57	-19	315
1550	40 46.5	59 28.8	4866	53152	-230	-57	-23	311
1600	40 47.9	59 31.1	4851	53171	-230	-57	-24	309
1610	40 49.3	59 33.3	4831	53193	-227	*	*	*
1620	40 50.7	59 35.6	4820	53232	-207	-57	-26	305
1630	40 52.2	59 37.8	4826	53278	-181	-52	-24	307
1640	40 53.7	59 39.8	4798	53310	-167	-52	-27	302
1650	40 55.2	59 41.9	4787	53342	-154	-50	-24	305
1700	40 56.7	59 43.9	4776	53386	-129	-50	-25	303
1710	40 58.1	59 45.9	4769	53408	-125	-50	-27	300
1720	40 59.6	59 47.9	4762	53388	-163	-50	-26	301
1730	41 1.0	59 49.9	4754	53372	-197	-50	-26	300
1740	41 2.4	59 50.7	4747	53386	-196	*	*	*
1750	41 3.8	59 49.6	4745	53403	-182	*	*	*
1800	41 5.1	59 47.6	4743	53412	-173	*	*	*
1810	41 6.5	59 45.5	4743	53411	-173	52	-28	298
1820	41 7.9	59 43.4	4745	53407	-176	54	-26	300
1830	41 9.2	59 41.3	4747	53395	-187	54	-27	299
1840	41 10.5	59 39.1	4751	53382	-198	58	-23	303
1850	41 11.7	59 36.8	4745	53380	-198	58	-24	302
1900	41 12.9	59 34.5	4742	53389	-186	58	-24	302
1910	41 14.2	59 32.3	4742	53406	-166	58	-24	302
1920	41 15.6	59 31.1	4729	53420	-156	*	*	*
1930	41 17.3	59 31.1	4718	53440	-147	*	*	*
1940	41 19.2	59 31.8	4710	53451	-151	*	*	*
1950	41 21.0	59 32.4	4705	53454	-162	*	*	*
2000	41 22.4	59 33.0	4701	53459	-168	*	*	*
2010	41 23.6	59 34.1	4696	53473	-166	*	*	*
2020	41 24.6	59 35.4	4692	53490	-162	*	*	*
2030	41 25.9	59 35.0	4690	53503	-155	*	*	*
2040	41 27.5	59 33.4	4696	53514	-146	*	*	*
2050	41 29.1	59 31.7	4701	53526	-137	44	-26	297
2100	41 30.7	59 30.0	4696	*	*	*	*	*
2110	41 32.4	59 28.2	4694	53532	-136	44	-27	295
2120	41 31.4	59 26.4	4707	53499	-155	*	*	*
2130	41 29.3	59 26.5	4710	53477	-164	*	*	*
2140	41 27.1	59 26.6	4714	53457	-171	-1	-27	297

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2200	41 25.0	59 26.7	4718	53444	-171	*	*	*
2210	41 22.9	59 27.0	4723	53437	-166	-5	-23	301
2220	41 20.9	59 27.6	4729	53433	-160	-17	-25	300
2230	41 18.9	59 28.3	4729	53432	-152	-17	-23	302
2240	41 16.8	59 28.6	4736	53421	-152	*	*	*
2250	41 14.7	59 28.3	4736	53397	-161	*	*	*
2300	41 12.6	59 28.0	4747	53384	-160	*	*	*
2310	41 10.5	59 28.3	4747	53383	-149	*	*	*
2320	41 8.4	59 28.6	4765	53378	-142	*	*	*
2330	41 6.3	59 29.0	4773	53371	-137	*	*	*
2340	41 4.1	59 29.5	4780	53359	-138	-11	-24	304
2350	41 1.9	59 30.0	4791	53340	-145	-11	-24	305

HUDSON 72-J21 DAY 199 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	41 0	59 30.4	4806	53315	-160	*	*	*
0010	40 58.0	59 31.0	4787	53296	-169	*	*	*
0020	40 56.0	59 31.4	4817	53284	-170	*	*	*
0030	40 54.0	59 31.8	4826	53280	-163	*	*	*
0040	40 52.0	59 32.3	4835	53264	-168	-12	-24	308
0050	40 49.9	59 32.8	4829	53241	-180	-10	-20	312
J1J0	4J 47.7	59 33.2	4842	53221	-188	*	*	*
0110	40 45.6	59 33.4	4851	53209	-188	*	*	*
0120	40 43.5	59 33.4	4860	53201	-183	0	-22	312
0130	40 41.4	59 33.5	4866	53183	-187	0	-23	311
J14J	4J 39.3	59 33.6	4871	53173	-184	0	-25	309
0150	40 37.2	59 33.6	4875	53176	-168	1	-23	312
0200	40 35.1	59 33.6	4879	53181	-149	1	-24	311
0210	40 33.1	59 33.5	4882	53166	-151	1	-25	310
J22J	4J 31.1	59 33.5	4888	53133	-170	1	-25	311
0230	40 29.0	59 33.4	4892	53098	-192	1	-24	312
0240	40 27.0	59 33.3	4895	53070	-206	4	-22	314
0250	40 25.1	59 33.2	49J1	53J57	-2J6	4	-23	314
0300	40 23.1	59 33.0	4904	53056	-193	*	*	*
0310	40 21.0	59 33.0	4908	53060	-176	*	*	*
0320	40 19.1	59 33.1	4912	53044	-180	*	*	*
J33J	4J 17.2	59 33.2	4915	53J20	-192	0	-20	317
0340	40 15.2	59 33.2	4919	52999	-200	0	-22	316
0350	40 13.3	59 33.2	4923	52983	-203	0	-22	316
0400	40 11.3	59 33.2	4924	52961	-212	0	-21	317
0410	40 9.3	59 33.2	4928	52941	-219	0	-21	317
0420	40 7.3	59 33.4	4930	52925	-222	-5	-15	323
0430	40 5.4	59 33.9	4932	52919	-218	-14	-21	318
J44J	4J 3.7	59 34.5	4934	52915	-213	-17	-23	316
0450	40 3.0	59 34.8	4934	52909	-217	*	*	*
0500	40 5.3	59 33.7	4932	52917	-219	*	*	*
0510	40 7.3	59 32.5	4930	52922	-221	*	*	*
J52J	4J 9.3	59 31.3	4928	52922	-229	*	*	*
0530	40 11.3	59 30.1	4928	52924	-235	32	-22	316
0540	40 13.3	59 28.8	4924	52934	-232	38	-16	322
0550	40 15.2	59 27.4	4924	52945	-227	38	-22	316
0600	40 17.1	59 25.9	4924	52957	-221	38	-22	316
0610	40 19.0	59 24.5	4923	52964	-220	38	-27	311
0620	40 20.9	59 22.9	4923	52969	-220	42	-23	315
0630	40 22.7	59 21.3	4921	52970	-224	42	-22	316
0640	40 24.5	59 19.7	4921	52971	-228	44	-19	319
0650	40 26.3	59 18.1	4919	52975	-228	44	-23	315
0700	40 28.1	59 16.4	4917	52985	-222	*	*	*
J71J	4J 29.9	59 14.7	4915	53J00	-211	46	-21	316
0720	40 31.9	59 13.0	4912	53010	-206	43	-22	315
0730	40 33.8	59 11.4	4912	53020	-201	43	-23	314
0740	40 35.8	59 9.7	49J8	53J27	-2J0	42	-24	313
0750	40 37.7	59 8.1	*	53037	-195	42	-25	*
0800	40 39.7	59 6.5	*	53046	-191	0	0	*
0810	40 41.6	59 7.8	*	53081	-174	-31	0	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	40 43.6	59 9.2	*	53116	-158	-37	0	*
0830	40 45.6	59 10.6	*	53148	-145	-34	0	*
0840	40 47.5	59 12.0	*	53176	-136	-34	-22	*
0850	40 49.5	59 13.3	*	53192	-139	-34	-20	*
0900	40 51.4	59 14.7	*	53194	-155	0	0	*
0910	40 53.4	59 15.8	*	53190	-177	-28	-21	*
0920	40 55.4	59 16.9	4835	53185	-200	-28	-25	307
0930	40 57.3	59 18.0	4835	53190	-212	-22	-23	309
0940	40 59.3	59 18.9	4835	53214	-204	-22	-26	306
0950	41 1.2	59 19.8	4820	53243	-191	-20	-25	306
1000	41 3.1	59 20.6	4809	53267	-183	-20	-25	305
1010	41 5.0	59 21.4	4806	53286	-180	-20	-26	304
1020	41 6.8	59 22.2	4796	53306	-175	-19	-25	304
1030	41 8.7	59 23.2	4784	53331	-166	-29	-27	301
1040	41 10.4	59 24.3	4758	53350	-163	-27	-23	304
1050	41 12.2	59 25.5	4747	53358	-172	-27	-23	303
1100	41 14.0	59 26.6	4743	53365	-181	-27	-23	303
1110	41 15.8	59 27.7	4736	53377	-185	-27	-23	302
1120	41 17.6	59 28.8	4731	53401	-178	-27	-23	302
1130	41 19.4	59 29.9	4718	53416	-179	-27	-24	300
1150	41 22.4	59 31.8	4705	*	*	*	*	*
1200	41 24.3	59 33.0	4698	*	*	-30	-28	295
1320	41 23.1	59 35.2	4696	53446	-195	*	*	*
1330	41 21.2	59 34.2	4701	53423	-202	*	*	*
1340	41 19.3	59 33.1	4707	53410	-199	27	-28	295
1350	41 17.5	59 32.1	4714	53396	-196	*	*	*
1400	41 15.6	59 31.0	4725	53384	-192	*	*	*
1410	41 14.7	59 30.6	4732	53375	-193	*	*	*
1420	41 13.7	59 30.1	4740	53364	-196	*	*	*
1430	41 12.6	59 30.2	4745	53356	-198	*	*	*
1440	41 11.6	59 30.3	4751	53355	-193	*	*	*
1450	41 10.8	59 30.6	4762	53354	-189	-6	-23	304
1500	41 9.9	59 30.8	4762	53355	-184	*	*	*
1510	41 9.0	59 31.3	4765	53357	-179	-11	-26	301
1520	41 8.1	59 31.8	4769	53358	-174	-11	-26	301
1530	41 7.3	59 32.2	4773	53363	-166	-11	-25	303
1540	41 6.4	59 32.7	4774	53369	-157	*	*	*
1550	41 5.5	59 33.3	4774	53375	-148	-13	-26	302
1600	41 4.6	59 33.8	4776	53376	-144	-13	-26	302
1610	41 3.8	59 34.3	4780	53379	-138	-13	-26	302
1620	41 2.9	59 34.9	4780	53379	-135	-13	-26	302
1700	41 .9	59 35.7	4787	53365	-140	*	*	*
1710	41 1.6	59 35.9	4785	53377	-133	*	*	*
1720	41 2.3	59 36.1	4782	53385	-130	*	*	*
1730	41 3.0	59 36.1	4782	53391	-129	0	-24	304
1740	41 3.7	59 36.1	4774	53392	-132	0	-24	304
1750	41 4.4	59 36.2	4774	53393	-136	0	-24	304
1800	41 5.1	59 36.2	4769	53388	-145	0	-24	303
1810	41 5.8	59 36.2	4765	53384	-154	0	-24	303
1820	41 6.5	59 36.2	4762	53383	-159	*	*	*

HUDSON 72-J21 DAY 199 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1830	41 7.2	59 36.1	4762	53379	-167	2	-22	305
1840	41 7.8	59 36.0	4760	53375	-174	*	*	*
1850	41 8.4	59 36.0	4756	53374	-179	0	-25	302
1900	41 9.0	59 36.0	4754	53373	-184	0	-26	300
1910	41 9.6	59 36.1	4749	53373	-188	0	-22	304
1920	41 10.2	59 36.1	*	53371	-194	0	-22	*
1930	41 10.8	59 36.1	*	53373	-196	0	-22	*
1940	41 11.2	59 36.5	*	53375	-198	-10	0	*
1950	41 10.2	59 36.9	*	53377	-192	-10	0	*
2000	41 9.3	59 37.3	*	53373	-192	-10	-27	*
2010	41 8.4	59 37.7	*	53374	-187	-10	-26	*
2020	41 7.4	59 38.1	*	53381	-175	-10	-25	*
2030	41 6.4	59 38.5	*	53385	-167	-10	-25	*
2040	41 5.5	59 38.9	*	53393	-155	0	0	*
2050	41 4.6	59 39.4	*	53401	-144	-12	-25	*
2100	41 3.7	59 39.9	*	53406	-135	0	0	*
2110	41 2.7	59 40.5	4767	53411	-127	-13	-24	303
2120	41 1.8	59 41.0	4769	53417	-117	*	*	*
2130	41 .9	59 41.6	4769	53427	-104	-14	-24	303
2140	40 59.9	59 42.2	4773	53429	-98	-14	-26	302
2150	40 58.9	59 42.8	4773	53430	-94	-14	-25	303
2200	40 58.0	59 43.3	4776	53426	-95	-14	-25	303
2210	40 57.0	59 43.9	4776	53415	-102	-14	-23	305
2220	40 56.1	59 44.5	4780	53403	-111	*	*	*
2230	40 56.5	59 45.3	4778	53407	-113	*	*	*
2240	40 56.9	59 46.0	4776	53416	-110	*	*	*
2300	40 58.3	59 46.5	4769	53420	-117	*	*	*
2310	40 58.9	59 46.5	4767	53418	-123	0	-21	306
2320	40 59.6	59 46.5	4765	53412	-133	*	*	*
2330	41 .3	59 46.8	4762	53405	-146	*	*	*
2340	41 .9	59 47.2	4760	53395	-161	*	*	*
2350	41 1.5	59 47.6	4758	53388	-174	-11	-22	305

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	41 2.2	59 48.1	4754	53386	-183	*	*	*
0010	41 2.9	59 48.4	4751	53389	-185	*	*	*
0020	41 3.6	59 48.7	4751	53398	-182	*	*	*
0030	41 4.3	59 48.9	4747	53409	-176	-5	-23	303
0040	41 5.0	59 49.1	4743	53421	-170	-5	-24	302
0120	41 2.8	59 48.1	4745	53390	-182	*	*	*
0130	41 1.9	59 47.9	4758	53387	-179	4	-23	304
0140	41 1.1	59 47.7	4760	53387	-173	4	-23	304
0150	41 .3	59 47.6	4764	53396	-158	*	*	*
0200	40 59.4	59 47.4	4765	53408	-140	*	*	*
0210	40 59.7	59 46.5	4765	53406	-139	21	-18	309
0220	40 59.9	59 45.7	4765	53406	-137	21	-19	308
0240	41 .9	59 44.7	4765	53402	-143	*	*	*
0250	41 1.4	59 44.2	4764	53397	-149	*	*	*
0300	41 1.9	59 43.7	4764	53397	-150	*	*	*
0310	41 2.1	59 42.9	4765	53396	-149	20	-21	306
0320	41 2.4	59 42.1	4765	53396	-147	*	*	*
0330	41 2.9	59 41.2	4767	53395	-147	23	-23	304
0340	41 3.4	59 40.3	4769	53395	-146	*	*	*
0350	41 3.9	59 39.6	4773	53394	-147	*	*	*
0400	41 4.4	59 39.0	4773	53390	-151	*	*	*
0410	41 5.1	59 38.7	4769	53385	-159	6	-29	298
0420	41 5.7	59 38.5	4769	53380	-167	*	*	*
0430	41 6.2	59 38.1	4767	53375	-173	*	*	*
0440	41 6.6	59 37.6	4767	53373	-176	*	*	*
0450	41 7.0	59 36.7	4764	53374	-174	*	*	*
0500	41 7.4	59 35.8	4762	53372	-174	*	*	*
0510	41 7.8	59 34.8	4765	53369	-175	24	-23	304
0520	41 8.2	59 33.9	4765	53368	-174	*	*	*
0530	41 8.6	59 32.9	4767	53367	-173	25	-21	306
0540	41 9.0	59 31.9	4765	53367	-172	*	*	*
0550	41 9.3	59 32.2	4764	53368	-174	-8	-14	313
0600	41 9.6	59 32.6	4762	53365	-180	-8	-6	321
0610	41 9.7	59 34.8	4762	53360	-196	-28	-25	302
0620	41 9.7	59 35.9	4754	53359	-202	-28	-24	302
0630	41 9.8	59 37.0	4753	53360	-207	-28	-24	302
0640	41 9.9	59 38.2	4756	53364	-208	-28	-25	302
0650	41 9.9	59 39.3	*	53370	-207	0	0	*
0710	41 10.4	59 39.9	*	53375	-209	-16	0	*
0720	41 10.9	59 40.6	*	53385	-205	0	0	*
0730	41 11.4	59 41.2	*	53392	-204	-15	-25	*
0740	41 12.0	59 41.8	*	53401	-201	0	0	*
0750	41 12.6	59 42.3	*	53409	-199	-11	0	*
0800	41 13.2	59 42.7	4734	53415	-198	*	*	*
0810	41 13.8	59 42.9	4731	53420	-198	-5	-23	302
0820	41 14.4	59 43.2	4729	53426	-197	-5	-24	301
0830	41 14.9	59 43.4	4727	53434	-193	-5	-24	301
0840	41 15.5	59 43.6	4725	53442	-190	*	*	*
0850	41 15.5	59 44.3	4721	53446	-189	*	*	*
0900	41 15.5	59 45.0	*	53453	-185	-17	0	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
J92J	41 16.6	59 45.8	*	53473	-176	-7	0	*
0930	41 17.2	59 46.1	*	53484	-170	-7	-23	*
0940	41 17.9	59 46.4	*	53489	-170	-7	0	*
0950	41 18.6	59 46.7	*	53494	-171	-7	-24	*
1000	41 19.2	59 47.0	4703	53497	-173	*	*	*
1010	41 19.8	59 47.2	4701	53500	-175	-6	-23	300
1020	41 20.5	59 47.5	4698	53501	-180	*	*	*
1030	41 21.2	59 47.7	4692	53503	-183	-5	-23	299
1040	41 21.8	59 47.9	4687	53504	-187	-5	-23	299
1050	41 22.5	59 48.1	4685	53508	-188	-5	-23	299
1100	41 23.1	59 48.3	4681	53512	-189	-5	-23	298
1110	41 23.8	59 48.6	4676	53517	-189	-5	-25	296
1120	41 24.5	59 48.8	4672	53524	-187	-5	-26	295
1130	41 25.1	59 49.0	4668	53529	-187	-5	-26	294
1140	41 25.8	59 49.2	4663	53535	-186	*	*	*
1150	41 26.4	59 49.5	4659	53538	-188	-6	-25	295
1200	41 27.0	59 49.7	4656	53543	-188	-6	-25	295
1210	41 27.6	59 50.0	4652	53549	-187	-6	-26	293
1220	41 28.2	59 50.2	4648	53552	-189	-6	-27	292
1230	41 28.8	59 50.5	4645	53559	-186	*	*	*
1250	41 30.0	59 51.1	4665	53574	-182	*	*	*
1300	41 30.6	59 51.4	4634	53585	-176	*	*	*
1310	41 31.3	59 51.5	4626	53595	-170	-1	-27	291
1320	41 32.1	59 51.5	4621	53607	-163	-1	-28	289
1330	41 32.8	59 51.6	4619	53615	-160	*	*	*
1340	41 33.5	59 51.6	4615	53624	-156	0	-28	289
1350	41 34.3	59 51.6	4612	53628	-156	0	-29	288
1400	41 35.0	59 51.6	4604	53631	-158	*	*	*
1410	41 35.7	59 51.7	4601	53629	-164	-1	-31	285
1420	41 36.5	59 51.7	4597	53626	-172	-1	-31	285
1430	41 37.2	59 51.8	4593	*	*	*	*	*
1440	41 37.9	59 51.9	4590	53622	-186	-1	-27	288
1450	41 38.7	59 51.9	4582	53623	-190	-1	-28	287
1500	41 39.4	59 52.0	4575	53626	-191	*	*	*
1510	41 40.1	59 52.1	4566	53632	-190	-2	-30	283
1520	41 40.9	59 52.2	4557	53639	-188	-2	-30	283
1530	41 41.6	59 52.3	4551	53649	-183	-2	-31	281
1540	41 42.3	59 52.4	4550	53660	-177	-2	-32	280
1550	41 43.0	59 52.5	4542	53669	-173	-2	-32	280
1600	41 43.8	59 52.6	4535	53681	-166	-2	-32	279
1610	41 44.5	59 52.7	4529	53690	-162	-2	-32	279
1620	41 45.2	59 52.8	4522	53700	-156	-2	-31	279
1630	41 45.9	59 52.9	4515	53707	-154	*	*	*
1640	41 46.7	59 53.0	4509	53713	-153	*	*	*
1650	41 47.4	59 53.1	4504	53715	-156	*	*	*
1700	41 48.1	59 53.2	4495	53716	-160	*	*	*
1710	41 48.8	59 53.3	4484	53717	-164	-2	-31	277
1720	41 49.6	59 53.4	4473	53720	-166	-2	-30	277
1730	41 50.3	59 53.5	4462	53725	-165	-2	-30	276
1740	41 51.0	59 53.6	4454	53727	-168	-2	-31	275

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TIME	LATITUDE		LONGITUDE		BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1750	41	51.8	59	53.7	4443	53730	-170	-2	-31	274
1800	41	52.5	59	53.8	4438	53733	-172	-2	-32	273
1810	41	53.3	59	53.9	4433	53741	-169	-2	-31	273
1820	41	54.0	59	54.0	4418	53747	-168	-2	-32	271
1830	41	54.8	59	54.1	4400	53753	-167	*	*	*
1840	41	55.5	59	54.2	4389	53757	-168	-3	-32	269
1850	41	56.3	59	54.4	4381	53764	-166	-3	-31	270
1900	41	57.0	59	54.5	4374	53769	-166	*	*	*
1910	41	57.7	59	54.7	4374	53775	-166	*	*	*
1920	41	58.5	59	54.8	4359	53778	-168	*	*	*
1930	41	59.2	59	55.0	4352	53782	-169	*	*	*
1940	42	.1	59	55.4	4337	53786	-172	-10	-37	261
1950	42	1.1	59	55.9	4341	53790	-176	-10	-38	260
2000	42	2.0	59	56.3	4326	53795	-178	*	*	*
2010	42	2.9	59	56.7	4314	53801	-180	-11	-38	258
2020	42	3.9	59	57.2	4301	53808	-181	-11	-37	258
2030	42	4.8	59	57.6	4286	53817	-179	-11	-36	258
2040	42	5.7	59	58.1	4275	53826	-178	-11	-34	259
2050	42	6.7	59	58.5	4255	53835	-176	-10	-34	258
2100	42	7.6	59	59.0	4250	53843	-176	*	*	*
2110	42	8.3	59	59.5	4246	53851	-175	-12	-35	256
2120	42	9.1	60	.0	4222	53859	-173	-12	-34	256
2130	42	9.8	60	.5	4208	53871	-168	*	*	*
2140	42	10.5	60	.9	4184	53878	-167	-11	-32	255
2150	42	11.2	60	1.4	4166	53889	-162	-11	-33	253
2200	42	12.0	60	1.8	4153	53898	-160	-11	-33	252
2210	42	12.7	60	2.3	4138	53904	-160	-11	-32	252
2220	42	13.4	60	2.7	4120	53911	-159	-11	-32	251
2230	42	14.1	60	3.2	4105	53919	-157	-11	-35	247
2300	42	12.2	60	3.8	4138	53903	-165	*	*	*
2320	42	13.1	60	4.2	4123	53907	-168	*	*	*
2330	42	14.0	60	4.6	4103	53916	-166	*	*	*
2340	42	14.8	60	4.9	4092	53924	-164	-7	-31	250
2350	42	15.6	60	5.2	4081	53930	-165	-7	-31	249

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
JJJJ	42 16.4	60 5.5	4067	53935	-165	*	*	*
0010	42 17.3	60 5.8	4054	53941	-166	-8	-35	243
0020	42 18.1	60 6.2	*	53950	-163	-8	-35	*
0030	42 19.0	60 6.5	*	53958	-162	J	J	*
0040	42 19.8	60 6.8	*	53966	-160	-7	-35	*
0050	42 20.7	60 7.1	*	53974	-158	-7	-36	*
0100	42 21.5	60 7.4	*	53983	-156	0	0	*
J11J	42 22.3	60 7.7	4017	53992	-153	-6	-36	240
0120	42 23.2	60 7.9	4001	54002	-149	-6	-37	238
0130	42 24.0	60 8.2	3994	54012	-145	*	*	*
J14J	42 24.9	60 8.4	397J	54021	-142	-5	-39	233
0150	42 25.8	60 8.7	3931	54032	-138	-5	-39	231
0200	42 26.7	60 8.9	3902	54044	-132	*	*	*
0210	42 27.6	60 9.2	3871	54059	-123	-6	-38	228
0220	42 28.4	60 9.4	3836	54074	-114	-6	-38	225
0230	42 29.3	60 9.7	3805	54087	-108	*	*	*
0240	42 30.1	60 9.8	3785	54099	-101	*	*	*
0250	42 31.0	60 9.9	3756	54114	-91	*	*	*
0300	42 31.8	60 10.0	3721	54130	-81	*	*	*
0310	42 32.7	60 10.1	3686	54144	-72	-3	-34	219
0320	42 33.6	60 10.3	3668	54159	-63	-3	-33	219
J33J	42 34.5	60 10.4	3631	54169	-59	*	*	*
0340	42 35.3	60 10.5	3595	54178	-55	-1	-31	216
0350	42 36.0	60 10.5	3542	54185	-53	-1	-32	211
0400	42 36.8	60 10.6	3496	54192	-50	*	*	*
J41J	42 37.5	60 10.6	3460	54202	-45	0	-31	206
0420	42 38.2	60 10.7	3386	54211	-40	0	-31	201
0430	42 38.9	60 10.7	3321	54219	-36	*	*	*
0440	42 39.6	60 10.8	3286	54227	-32	-1	-31	194
0450	42 40.2	60 10.8	3236	54236	-27	-1	-31	191
0500	42 40.9	60 10.9	3202	54243	-24	*	*	*
0510	42 41.6	60 11.0	3165	54249	-23	-2	-34	183
0520	42 42.2	60 11.1	3119	54256	-20	-2	-31	183
0530	42 42.9	60 11.2	3087	54259	-21	*	*	*
0540	42 43.6	60 11.4	3070	54261	-24	-4	-33	178
0550	42 44.2	60 11.6	3048	54259	-31	-4	-35	174
J6JJ	42 44.9	60 11.8	3024	54257	-37	*	*	*
0610	42 45.5	60 12.0	3002	54258	-41	-3	-35	171
0620	42 46.1	60 12.1	2982	54259	-44	-3	-35	170
0630	42 46.7	60 12.3	2962	54259	-48	*	*	*
J64J	42 47.3	60 12.5	2933	54258	-53	-4	-36	165
0650	42 48.0	60 12.7	2902	54258	-58	-4	-36	163
0700	42 48.6	60 12.9	2874	54258	-63	*	*	*
0710	42 49.3	60 13.1	2849	54257	-69	-5	-35	160
0720	42 50.1	60 13.4	2825	54257	-74	-5	-34	160
0730	42 50.8	60 13.6	2792	54258	-78	*	*	*
0740	42 51.5	60 13.9	2756	54258	-84	-7	-31	158
0750	42 52.2	60 14.2	2712	54260	-87	-7	-28	158
0800	42 52.9	60 14.5	2666	54260	-92	-7	-26	157
0810	42 53.6	60 14.8	2622	54261	-97	-7	-24	156

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
J83J	42 55.1	60 15.4	2584	*	*	*	*	*
0840	42 55.9	60 15.7	2659	54269	-105	*	*	*
0850	42 56.6	60 15.9	2618	54273	-107	-6	-19	161
J9JJ	42 57.4	60 16.2	2721	54279	-106	*	*	*
0910	42 58.1	60 16.4	2757	54288	-102	-5	-18	171
0920	42 58.8	60 16.7	2781	54295	-100	-5	-19	172
0930	42 59.5	60 16.9	2935	54302	-98	*	*	*
0940	43 .2	60 17.0	2968	54308	-97	-3	-15	189
0950	43 .8	60 17.2	2845	54320	-89	-3	-12	183
10JJ	43 1.5	60 17.3	2754	54329	-84	-3	-9	180
1010	43 2.3	60 17.5	2461	54337	-82	-3	-6	163
1020	43 3.0	60 17.6	2395	54344	-80	-3	-2	162
1030	43 3.8	60 17.8	2253	54347	-82	*	*	*
104J	43 4.6	60 18.0	2190	54355	-79	*	*	*
1050	43 5.3	60 18.2	2139	54367	-72	*	*	*
1100	43 6.1	60 18.4	2086	54382	-62	*	*	*
1110	43 7.0	60 18.7	2029	54396	-54	*	*	*
1120	43 7.8	60 19.0	1998	54413	-44	*	*	*
1130	43 8.7	60 19.3	2033	54429	-34	*	*	*
114J	43 9.5	60 19.4	2051	*	*	*	*	*
1150	43 10.4	60 19.5	2232	54465	-8	-2	9	162
1200	43 11.2	60 19.7	2154	54483	3	-2	9	157
1210	43 12.0	60 19.8	2048	54500	15	-2	11	151
1220	43 12.9	60 19.9	2051	54519	29	-2	14	155
1230	43 13.7	60 20.0	2018	54536	41	-2	18	156
1240	43 14.5	60 20.2	1964	54551	51	-2	21	156
1250	43 15.4	60 20.3	1901	54567	62	*	*	*
1300	43 16.2	60 20.4	1675	54582	71	*	*	*
1310	43 17.1	60 20.7	1521	54592	75	*	*	*
1320	43 17.9	60 21.0	1587	54603	80	*	*	*
1330	43 18.8	60 21.3	1572	54607	78	-7	32	140
1340	43 19.7	60 21.7	1236	54606	70	-7	38	122
1350	43 20.5	60 22.0	1078	54604	62	*	*	*
1400	43 21.4	60 22.3	972	54595	47	*	*	*
1410	43 22.2	60 22.6	830	54582	28	*	*	*
1420	43 23.1	60 23.0	603	54572	12	*	*	*
1430	43 23.9	60 23.3	448	54551	-15	-8	67	97
1440	43 24.8	60 23.9	248	54537	-36	-14	64	81
1450	43 25.6	60 24.5	195	54518	-62	*	*	*
1500	43 25.7	60 27.1	168	54507	-85	*	*	*
1510	43 25.5	60 30.3	140	54481	-124	*	*	*
1520	43 23.9	60 30.4	232	54504	-92	*	*	*
1530	43 21.8	60 29.7	539	54535	-47	*	*	*
1540	43 19.8	60 29.1	782	54565	-3	16	41	94
1550	43 17.7	60 28.4	1291	54589	35	16	27	115
1600	43 15.7	60 27.7	1633	54601	61	*	*	*
1610	43 13.6	60 27.0	1806	54594	69	17	4	128
1620	43 11.6	60 26.3	2103	54571	60	17	-2	142
1630	43 9.5	60 25.6	2245	54539	43	17	-9	145
1640	43 7.4	60 24.8	2406	54500	19	20	-15	150

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1650	43 5.2	60 24.0	2545	54452	-12	20	-22	152
1700	43 3.1	60 23.2	2578	54415	-33	20	-28	149
1710	43 1.1	60 22.4	2249	54391	-42	20	-28	126
1720	42 59.1	60 21.5	2243	54372	-46	*	*	*
1730	42 57.1	60 20.7	2329	54348	-55	*	*	*
1740	42 55.1	60 19.8	2457	54323	-65	*	*	*
1750	42 53.1	60 19.0	2558	54297	-76	*	*	*
1800	42 51.1	60 18.1	2664	54272	-86	21	-38	145
1810	42 49.1	60 17.2	2757	54253	-90	21	-44	145
1820	42 47.1	60 16.3	2885	54243	-84	21	-47	151
1830	42 45.1	60 15.5	2999	54244	-68	21	-47	159
1840	42 43.1	60 14.6	3074	54257	-39	22	-46	165
1850	42 41.1	60 13.7	3165	54272	-9	22	-45	172
1900	42 39.1	60 12.8	3288	54269	3	22	-45	181

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0100	42 30.0	60 11.7	3831	*	*	*	*	*
J11J	42 30.9	60 9.7	3761	*	*	*	*	*
0120	42 31.8	60 7.7	3727	*	*	*	*	*
0130	42 32.5	60 5.6	3672	*	*	*	*	*
0140	42 33.2	60 3.4	3697	*	*	*	*	*
0150	42 33.8	60 1.2	3732	*	*	54	-37	219
0200	42 34.3	59 59.0	3836	*	*	*	*	*
0210	42 34.9	59 56.8	3891	*	*	52	-40	227
0220	42 35.5	59 54.7	3933	*	*	*	*	*
0230	42 36.1	59 52.5	3942	*	*	55	-42	229
0240	42 36.7	59 50.2	3913	*	*	*	*	*
0250	42 37.2	59 48.0	3913	*	*	54	-41	228
J30J	42 37.8	59 45.8	3893	*	*	*	*	*
J400	42 37.6	59 46.3	3899	*	*	*	*	*
0420	42 36.3	59 50.5	3920	*	*	*	*	*
J43J	42 35.8	59 52.7	3944	*	*	*	*	*
0440	42 35.3	59 54.8	3937	*	*	-52	-40	230
0450	42 34.8	59 57.0	3880	*	*	-52	-39	227
0500	42 34.3	59 59.1	3840	*	*	-52	-39	225
J51J	42 33.8	60 1.2	3727	*	*	-52	-37	219
0520	42 33.3	60 3.4	3694	*	*	-52	-36	218
0530	42 32.7	60 5.6	3664	*	*	-52	-37	214
0540	42 32.2	60 7.7	3701	*	*	-52	-38	216
0550	42 31.6	60 9.9	3732	*	*	-52	-40	216
0600	42 31.0	60 12.0	3730	*	*	*	*	*
0610	42 30.3	60 14.6	3851	*	*	*	*	*
J62J	42 29.7	60 17.2	3677	*	*	*	*	*
0630	42 28.9	60 19.9	3595	*	*	-66	-48	199
0640	42 28.2	60 22.7	3520	*	*	*	*	*
0650	42 27.5	60 25.5	3491	*	*	-67	-49	191
0700	42 26.8	60 28.3	3546	*	*	-67	-52	191
0710	42 26.1	60 31.1	3546	*	*	-67	-52	191
0720	42 25.5	60 33.9	3456	*	*	*	*	*
J90J	42 26.0	60 31.0	3547	*	*	*	*	*
0910	42 26.3	60 29.9	3547	*	*	*	*	*
0920	42 26.9	60 27.8	3540	*	*	*	*	*
0930	42 27.4	60 25.8	3491	*	*	*	*	*
J94J	42 28.0	60 23.7	3498	*	*	*	*	*
0950	42 28.6	60 21.6	3588	*	*	*	*	*
1000	42 29.3	60 19.0	3617	*	*	*	*	*
1010	42 30.0	60 16.6	3708	*	*	59	-48	206
1020	42 30.6	60 14.2	3842	*	*	*	*	*
1030	42 31.3	60 11.7	3708	*	*	61	-40	214
1040	42 32.0	60 9.2	3734	*	*	*	*	*
1050	42 32.7	60 6.6	3666	*	*	62	-33	219
1100	42 33.5	60 4.1	3675	*	*	*	*	*
1110	42 34.2	60 1.6	3716	*	*	*	*	*
1120	42 34.9	59 59.1	3778	*	*	*	*	*
1130	42 35.7	59 56.7	3902	*	*	60	-42	226
1140	42 36.4	59 54.2	3917	*	*	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1150	42 37.3	59 51.7	3906	*	*	61	-43	225
1200	42 36.7	59 49.2	3920	*	*	*	*	*
1820	42 37.0	59 50.1	3909	*	*	*	*	*
1840	42 35.9	59 55.7	3917	*	*	*	*	*
1850	42 35.3	59 58.5	3800	*	*	-66	-42	0
1900	42 34.7	60 1.2	3716	*	*	*	*	*
1910	42 33.8	60 3.8	3674	*	*	*	*	*
1920	42 33.0	60 6.4	3655	*	*	-62	-41	210
1930	42 32.1	60 9.0	3738	*	*	*	*	*
1940	42 31.3	60 11.7	3719	*	*	*	*	*
1950	42 30.6	60 14.3	3851	*	*	-64	-55	209
2000	42 29.8	60 17.0	3690	*	*	*	*	*
2010	42 29.1	60 19.6	3606	*	*	-63	-55	192
2020	42 28.3	60 22.2	3549	*	*	*	*	*
2030	42 27.6	60 24.9	3496	*	*	-66	-57	183
2040	42 27.0	60 27.7	3538	*	*	*	*	*
2050	42 26.4	60 30.3	3551	*	*	-64	-59	185
2100	42 25.8	60 33.0	3536	*	*	*	*	*
2110	42 25.1	60 35.9	3544	*	*	-70	-60	183
2120	42 24.5	60 38.8	3745	*	*	-70	-62	195
2130	42 23.8	60 41.7	3591	*	*	*	*	*
2300	42 23.0	60 42.0	3604	*	*	*	*	*
2310	42 23.8	60 40.5	3610	54238	-61	*	*	*
2320	42 24.7	60 39.0	3739	54240	-57	*	*	*
2330	42 25.3	60 36.9	3569	54238	-54	*	*	*
2340	42 25.9	60 34.9	3463	54236	-50	*	*	*
2350	42 26.4	60 32.7	3531	54234	-46	53	-60	182

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EUVOS	F.A.	H.A.
0020	42 28.0	60 26.3	3467	54257	-4	53	-57	181
JJ3J	42 28.5	60 24.1	3480	54263	8	53	-54	185
0040	42 29.1	60 22.0	3569	54264	15	*	*	*
0050	42 29.7	60 19.9	3580	54256	13	50	-56	190
J1JJ	42 30.2	60 17.9	365J	5424J	3	*	*	*
0110	42 30.7	60 15.9	3840	54218	-12	49	-56	208
0120	42 31.2	60 13.8	3825	54193	-31	49	-55	208
0130	42 31.7	60 11.8	3694	54164	-54	49	-52	202
J14J	42 32.2	60 9.8	3730	54131	-81	*	*	*
0150	42 32.7	60 7.8	3675	54105	-101	50	-45	207
0200	42 33.2	60 5.7	3646	54080	-120	50	-43	207
0210	42 33.7	60 3.6	3681	54061	-132	50	-42	211
J22J	42 34.2	60 1.6	3719	54044	-143	50	-42	213
0230	42 34.7	59 59.5	3800	54029	-152	50	-43	218
0240	42 35.2	59 57.5	3880	54017	-158	*	*	*
0250	42 35.7	59 55.4	3926	54JJ8	-16J	52	-43	226
0300	42 36.2	59 53.2	3933	53999	-163	*	*	*
0310	42 36.6	59 51.2	3922	53989	-166	49	-48	221
0320	42 36.9	59 49.2	*	53985	-163	49	0	*
J43J	42 35.2	59 47.2	3961	*	*	*	*	*
0440	42 37.3	59 48.0	3906	53972	-173	*	*	*
0450	42 39.3	59 48.9	3847	53990	-170	-21	-41	223
0500	42 41.3	59 49.8	3760	54009	-167	*	*	*
J51J	42 43.3	59 50.5	3558	54028	-163	*	*	*
0520	42 45.3	59 51.2	3286	54050	-155	*	*	*
0530	42 47.4	59 51.8	3114	54074	-146	-13	-27	187
0540	42 49.4	59 52.4	3J13	541J2	-132	*	*	*
0550	42 51.4	59 52.8	2900	54132	-116	*	*	*
0600	42 53.4	59 53.3	2809	54164	-97	*	*	*
0610	42 55.5	59 53.7	2728	54200	-75	*	*	*
J62J	42 57.6	59 54.2	2461	54240	-49	*	*	*
1020	42 55.9	59 57.7	*	54254	-41	-60	0	*
1030	42 55.3	60 .3	2472	54266	-37	*	*	*
1J4J	42 54.8	6J 2.8	27J4	54273	-38	*	*	*
1050	42 54.3	60 5.4	3065	54275	-44	*	*	*
1100	42 53.7	60 7.9	2874	54271	-57	*	*	*
1110	42 53.1	60 10.4	3310	54263	-73	-59	-49	178
112J	42 52.6	6J 12.9	2816	54253	-9J	-59	-47	146
1130	42 52.0	60 15.4	2702	54247	-104	-59	-42	143
1140	42 51.5	60 17.9	2649	54246	-113	*	*	*
1150	42 50.9	60 20.3	2615	54256	-110	-57	-43	136
12JJ	42 5J.2	60 22.7	2670	54272	-101	*	*	*
1210	42 49.6	60 24.9	2702	54287	-92	*	*	*
1220	42 49.0	60 27.0	2763	54315	-70	*	*	*
123J	42 48.1	6J 29.7	2637	54348	-44	*	*	*
1240	42 47.2	60 32.4	2657	54370	-29	*	*	*
1250	42 46.2	60 35.2	2651	54376	-29	*	*	*
1300	42 45.3	60 38.0	2695	54373	-39	-67	-53	132
1310	42 44.4	60 40.8	2798	54371	-49	-67	-57	135
1320	42 43.6	60 43.6	3141	54360	-67	-67	-62	153

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
133J	42 42.8	60 46.4	2931	54335	-100	-67	-63	138
1340	42 42.0	60 49.2	2933	54306	-137	*	*	*
1920	42 41.9	60 50.3	2940	*	*	*	*	*
193J	42 42.6	6J 47.6	2924	*	*	*	*	*
1940	42 43.4	60 44.8	3215	*	*	*	*	*
1950	42 44.1	60 42.3	2871	*	*	*	*	*
2000	42 44.7	60 39.9	2761	*	*	*	*	*
2J1J	42 45.3	6J 37.7	2697	*	*	*	*	*
2020	42 45.9	60 35.5	2670	*	*	*	*	*
2030	42 46.5	60 33.3	2666	*	*	55	-47	136
2040	42 47.1	6J 31.J	2655	*	*	*	*	*
2J50	42 47.7	60 28.9	2671	*	*	50	-51	132
2100	42 48.4	60 26.9	3090	*	*	*	*	*
2110	42 49.0	60 24.8	2759	*	*	51	-5J	139
2120	42 49.7	60 22.7	2673	*	*	*	*	*
2130	42 50.3	60 20.7	2640	*	*	48	-44	137
2140	42 50.9	60 18.7	2651	*	*	*	*	*
2150	42 51.6	60 16.6	27J6	*	*	*	*	*
2200	42 52.2	60 14.6	2713	*	*	49	-43	143
2210	42 52.8	60 12.6	2995	*	*	49	-47	158
2220	42 53.4	60 10.5	3302	*	*	49	-48	179
223J	42 54.J	6J 8.4	2798	*	*	49	-46	146
2240	42 54.7	60 6.4	2977	*	*	*	*	*
2250	42 55.3	60 4.2	2980	*	*	*	*	*
23J0	42 56.J	6J 2.J	2476	*	*	*	*	*
2310	42 55.7	60 .1	2395	*	*	*	*	*
2320	42 55.3	59 58.2	2538	*	*	*	*	*
2330	42 53.7	59 56.7	2779	*	*	*	*	*
2340	42 52.0	59 55.3	2809	*	*	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0040	42 53.0	59 56.9	2794	54219	-56	*	*	*
0050	42 55.2	59 56.3	2607	54242	-43	*	*	*
J11J	42 57.4	59 55.6	2501	54258	-36	*	*	*
0110	42 57.9	59 56.7	2360	54275	-27	*	*	*
0120	42 58.5	59 57.7	2344	54283	-27	*	*	*
J13J	42 57.3	59 61.1	2384	54284	-29	*	*	*
0140	42 56.0	60 2.2	2487	54284	-31	*	*	*
0150	42 55.1	60 4.2	3024	54283	-36	*	*	*
0200	42 54.2	60 6.2	3059	54283	-40	*	*	*
0210	42 53.6	60 8.4	2832	54280	-49	-53	-47	147
0220	42 55.0	60 10.7	3333	54274	-62	*	*	*
0230	42 52.5	60 12.9	2889	54265	-77	-51	-47	151
J24J	42 51.9	60 15.0	2754	54258	-91	*	*	*
0250	42 51.3	60 17.1	2684	54258	-97	-50	-41	143
0300	42 50.7	60 19.2	2642	54259	-101	*	*	*
0310	42 50.1	60 21.4	2673	54269	-98	-53	-46	137
J32J	42 49.4	60 23.7	2695	54287	-86	-54	-49	136
0330	42 48.8	60 26.0	2918	54307	-72	-54	-53	147
0340	42 48.2	60 28.2	2798	54333	-53	-54	-51	141
J35J	42 47.5	60 31.5	2651	54362	-30	-54	-47	135
0400	42 46.9	60 32.7	2657	54380	-18	-54	-47	135
0410	42 46.2	60 34.9	2651	54388	-16	-54	-48	134
0420	42 45.6	60 37.2	2681	54389	-22	*	*	*
J43J	42 44.9	60 39.5	2737	54388	-29	-55	-55	133
0440	42 44.2	60 41.8	2843	54383	-40	*	*	*
0450	42 43.5	60 44.1	3189	54371	-58	-56	-64	155
05JJ	42 42.8	60 46.5	2948	54350	-85	*	*	*
0510	42 42.0	60 48.8	2940	54325	-116	-55	-63	139
0520	42 41.3	60 51.1	3112	54303	-144	*	*	*
0530	42 40.6	60 53.4	3021	54287	-166	-56	-65	142
0540	42 39.9	60 55.8	2926	54274	-185	-56	-61	140
0700	42 36.3	60 55.5	3017	54285	-152	*	*	*
0710	42 34.3	60 54.0	3174	54300	-119	*	*	*
0720	42 32.3	60 52.6	3258	54308	-93	*	*	*
0730	42 30.4	60 51.2	3313	54305	-79	35	-67	160
0740	42 28.5	60 49.8	3359	54285	-81	35	-68	162
0750	42 26.5	60 48.3	3408	54258	-91	35	-68	166
J8JJ	42 24.6	60 46.9	3449	54237	-94	*	*	*
0810	42 22.6	60 45.6	3514	54223	-91	32	-65	176
0820	42 20.6	60 44.3	3566	54225	-72	*	*	*
0830	42 18.5	60 42.9	3621	54259	-19	35	-57	191
J84J	42 16.4	60 41.5	3712	54288	27	*	*	*
0850	42 14.4	60 40.1	3818	54257	15	36	-48	214
0900	42 12.3	60 38.6	3891	54184	-39	*	*	*
J91J	42 10.2	60 37.2	3964	54112	-92	34	-41	231
0920	42 8.1	60 35.9	4008	54059	-127	*	*	*
0930	42 6.4	60 35.1	4028	54028	-144	*	*	*
0940	42 4.7	60 34.4	4016	*	*	*	*	*
124J	42 4.6	60 33.4	4039	*	*	*	*	*
1250	42 5.2	60 31.2	4220	*	*	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
1300	42 5.8	60 28.9	4070	*	*	*	*	*
1310	42 6.4	60 26.7	4085	*	*	54	-38	242
1320	42 7.0	60 24.6	4074	*	*	54	-37	243
1330	42 7.6	60 22.4	4037	*	*	54	-38	239
1340	42 8.2	60 20.2	4047	*	*	54	-39	239
1350	42 8.8	60 18.0	4087	*	*	54	-38	243
1400	42 9.4	60 15.9	4100	*	*	54	-42	239
1410	42 9.9	60 13.7	4114	*	*	54	-41	241
1420	42 10.5	60 11.5	4116	*	*	54	-41	242
1430	42 11.1	60 9.4	4122	*	*	*	*	*
1440	42 11.7	60 7.2	4133	*	*	54	-43	241
1450	42 12.3	60 5.0	4131	*	*	54	-44	240
1500	42 12.9	60 2.8	4136	*	*	*	*	*
1510	42 13.5	60 .7	4151	*	*	*	*	*
1520	42 14.1	59 58.5	4167	*	*	*	*	*
1530	42 14.9	59 55.7	4176	*	*	*	*	*
1540	42 15.7	59 52.8	4184	*	*	*	*	*
1550	42 16.5	59 49.9	4195	*	*	72	-48	240
1600	42 17.2	59 47.0	4215	*	*	72	-49	240
1610	42 18.0	59 44.1	4251	*	*	72	-53	239
1620	42 18.8	59 41.2	4259	*	*	72	-56	236
2310	42 18.0	59 40.6	4286	*	*	-51	-52	242
2320	42 17.5	59 42.7	4283	*	*	-51	-52	242
2330	42 16.9	59 44.9	4250	*	*	-51	-51	241
2340	42 16.4	59 47.0	4230	*	*	-51	-48	242
2350	42 15.8	59 49.1	4211	*	*	-51	-48	241

HUDSON 72-021 DAY 205 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 15.3	59 51.2	4202	*	*	*	*	*
0010	42 14.6	59 53.9	4195	*	*	*	*	*
0020	42 13.9	59 56.6	4180	*	*	*	*	*
JJ3J	42 13.3	59 59.2	4169	*	*	-65	-42	244
0040	42 12.6	60 1.9	4151	*	*	-65	-44	241
0050	42 11.9	60 4.6	4142	*	*	-65	-41	243
0100	42 11.2	60 7.3	4140	*	*	-65	-40	244
0110	42 10.5	60 10.0	4129	*	*	-65	-38	245
0120	42 9.9	60 12.6	4118	*	*	-65	-38	245
0130	42 9.2	60 15.3	4107	*	*	*	*	*
J14J	42 8.5	60 18.0	4081	*	*	*	*	*
0300	42 6.0	60 15.9	4134	53924	-161	*	*	*
0310	42 7.8	60 14.1	4133	53927	-161	44	-39	245
0320	42 9.7	60 12.4	4123	53931	-160	*	*	*
0330	42 10.7	60 9.8	4120	53925	-161	*	*	*
0340	42 11.7	60 7.2	4136	53910	-170	*	*	*
J35J	42 12.4	60 4.4	4131	53895	-177	69	-43	241
0400	42 13.2	60 1.6	4142	53884	-180	69	-45	239
0410	42 13.9	59 58.8	4166	53876	-180	69	-46	240
J42J	42 14.7	59 56.0	4184	53870	-178	*	*	*
0430	42 15.2	59 54.0	4184	53866	-176	*	*	*
0440	42 15.7	59 51.9	4189	53864	-171	*	*	*
0450	42 16.2	59 49.8	4202	53859	-170	53	-48	240
0500	42 16.8	59 47.6	4213	53853	-170	*	*	*
0510	42 17.4	59 45.4	4239	53848	-168	54	-49	242
J52J	42 17.9	59 43.2	4261	53842	-168	*	*	*
0530	42 18.5	59 41.1	4279	53836	-167	53	-52	242
0540	42 19.0	59 38.9	4336	53833	-164	*	*	*
J55J	42 19.5	59 36.7	4312	53832	-158	54	-52	244
0600	42 20.0	59 34.5	4294	53826	-157	54	-52	243
0710	42 21.5	59 28.8	4304	53808	-159	*	*	*
0720	42 22.3	59 26.1	4312	53798	-161	*	*	*
J73J	42 23.0	59 23.3	4336	53791	-160	*	*	*
0740	42 23.7	59 20.6	4352	53784	-159	68	-60	239
0750	42 24.5	59 17.8	4359	53777	-158	68	-61	238
J8JJ	42 25.2	59 15.0	4345	53766	-161	68	-61	237
0810	42 25.9	59 12.3	4381	53757	-162	68	-62	239
0820	42 26.7	59 9.6	4326	53753	-158	68	-61	236
0830	42 27.4	59 6.8	4286	53749	-154	*	*	*
J84J	42 28.2	59 4.0	4268	53744	-151	69	-59	234
0850	42 28.9	59 1.2	4253	53737	-150	69	-60	232
0900	42 29.7	58 58.4	4228	53729	-149	69	-60	230
0910	42 30.5	58 55.6	4204	53720	-150	69	-59	230
J920	42 31.2	58 52.8	4176	53709	-153	69	-59	228
0930	42 32.0	58 50.0	4198	53697	-157	69	-58	230
J940	42 32.8	58 47.2	4197	53685	-161	69	-58	230
0950	42 33.5	58 44.4	4215	53675	-163	68	-58	231
1000	42 34.3	58 41.7	4239	53667	-163	68	-58	233
1010	42 35.1	58 38.9	4235	53656	-166	68	-61	230
1020	42 35.8	58 36.1	4301	53647	-167	68	-63	232

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1030	42 36.6	58 33.3	4246	53643	-162	68	-64	227
1040	42 37.4	58 30.5	4200	53637	-160	68	-62	226
1050	42 38.1	58 27.7	4149	53625	-164	68	-62	223
1100	42 38.9	58 24.9	4123	53611	-170	68	-61	222
1110	42 39.7	58 22.1	4100	53597	-176	68	-59	222
1120	42 40.4	58 19.3	4061	53585	-180	68	-57	222
1130	42 41.2	58 16.5	4045	53573	-184	*	*	*
1140	42 41.6	58 13.5	4048	53560	-185	*	*	*
1150	42 42.5	58 10.6	4096	53551	-186	*	*	*
1200	42 43.4	58 7.7	4096	53539	-190	70	-54	227
1210	42 44.2	58 4.8	4173	53528	-193	70	-55	231
1220	42 45.1	58 2.0	4151	53520	-194	70	-53	232
1230	42 46.0	57 59.1	4140	53513	-193	70	-53	231
1240	42 46.9	57 56.2	4129	53504	-194	*	*	*
1250	42 47.3	57 53.3	4164	53491	-196	*	*	*
1300	42 48.0	57 50.4	4189	53478	-200	*	*	*
1310	42 47.8	57 47.4	4283	53466	-197	*	*	*
1320	42 48.8	57 44.7	4266	53464	-192	*	*	*
1330	42 49.8	57 42.0	4224	53459	-191	*	*	*
1340	42 50.7	57 39.1	4209	53450	-192	71	-46	243
1350	42 51.5	57 36.2	4264	53438	-196	71	-44	249
1400	42 52.4	57 33.3	4182	53429	-196	71	-43	244
1410	42 53.3	57 30.3	4162	53422	-195	71	-41	245
1420	42 54.1	57 27.4	4136	53416	-193	71	-37	247
1430	42 55.0	57 24.5	4087	53411	-190	*	*	*
1440	42 55.9	57 21.6	4048	53407	-185	70	-34	244
1450	42 56.7	57 18.7	4023	53406	-178	70	-32	244
1500	42 57.6	57 15.8	4003	53399	-177	70	-29	246
1510	42 58.4	57 12.9	4001	53390	-178	70	-27	248
1520	42 59.3	57 10.0	4122	53382	-177	70	-27	256
1530	43 .1	57 7.1	4147	53372	-179	70	-25	260
1540	43 1.0	57 4.2	4030	53361	-182	70	-23	254
1550	43 1.9	57 1.3	3968	53352	-182	70	-21	251
1600	43 2.7	56 58.4	3957	53347	-179	70	-20	252
1610	43 3.6	56 55.5	3935	53342	-176	70	-20	250
1620	43 4.4	56 52.6	3906	53334	-176	70	-20	248
1630	43 5.3	56 49.7	3869	53327	-174	*	*	*
1640	43 6.0	56 46.8	3825	53317	-175	71	-14	249
1650	43 6.6	56 43.8	3756	53314	-168	71	-11	247
1700	43 7.3	56 40.8	3635	53310	-162	71	-7	242
1710	43 8.0	56 37.9	3621	53303	-160	71	-4	244
1720	43 8.6	56 34.9	3569	53293	-160	71	0	245
1730	43 9.3	56 32.0	3544	*	*	*	*	*
1740	43 9.8	56 29.0	3496	53272	-161	71	6	246
1750	43 10.3	56 26.1	3438	53258	-164	71	10	246
1800	43 10.8	56 23.1	3366	53250	-161	71	14	245
1810	43 11.3	56 20.1	3321	53240	-161	71	15	243
1820	43 11.8	56 17.2	3438	53229	-161	71	12	248
1830	43 12.3	56 14.2	3761	53225	-154	*	*	*
1840	43 12.9	56 11.3	3893	53223	-146	69	5	272

HUDSON 72-021 DAY 205 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1850	43 13.4	56 8.5	3646	53217	-142	69	7	257
1900	43 14.0	56 5.6	3547	53204	-146	*	*	*
1910	43 14.3	56 4.3	3553	53197	-148	*	*	*
1920	43 14.5	56 3.1	3525	53190	-151	*	*	*
1930	43 14.8	56 1.8	3531	53184	-153	*	*	*
1940	43 15.6	56 1.1	3536	53182	-156	*	*	*
1950	43 16.3	56 .5	3540	53183	-156	*	*	*
2000	43 17.1	55 59.8	3531	53183	-158	*	*	*
2010	43 17.9	55 59.1	3529	53184	-158	16	19	261
2020	43 18.6	55 58.4	3324	53185	-158	16	21	249
2030	43 19.4	55 57.7	3236	53187	-157	16	23	245
2040	43 20.2	55 57.0	3207	53189	-157	16	23	243
2050	43 20.9	55 56.3	3174	53189	-158	16	24	242
2100	43 21.7	55 55.7	3141	53189	-159	16	25	240
2110	43 22.5	55 55.0	3099	53191	-158	16	28	241
2120	43 23.2	55 54.3	3065	53192	-159	16	28	238
2130	43 24.0	55 53.6	3026	53192	-160	16	28	236
2140	43 24.8	55 52.9	2995	53193	-160	16	28	233
2150	43 25.5	55 52.2	2988	53192	-162	16	28	233
2200	43 26.3	55 51.5	2984	53194	-161	*	*	*
2210	43 27.0	55 50.8	2997	53194	-162	17	27	233
2220	43 27.6	55 50.0	2973	53195	-161	17	26	230
2230	43 28.3	55 49.3	2962	53195	-162	17	24	227
2240	43 28.9	55 48.6	2951	53196	-161	17	22	224
2250	43 29.5	55 47.8	2938	53194	-163	17	19	221
2300	43 30.2	55 47.1	3043	53191	-166	17	16	225
2310	43 30.8	55 46.3	3167	53187	-170	17	11	228
2320	43 31.4	55 45.6	3397	53181	-176	17	6	239
2330	43 32.0	55 44.8	3642	53162	-195	17	3	253
2340	43 32.6	55 44.1	3802	53176	-181	17	0	261
2350	43 33.3	55 43.3	3785	53169	-188	17	-1	259

HUDSON 72-021 DAY 206 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	U.A.
0030	43 35.7	55 40.3	3723	53181	-176	18	-7	249
0040	43 36.3	55 39.5	3706	53182	-175	18	-7	247
0050	43 36.9	55 38.8	3714	53183	-174	18	-7	248
0100	43 37.5	55 38.0	3734	53183	-174	*	*	*
0110	43 38.2	55 37.3	3730	53182	-175	17	-9	247
0120	43 38.8	55 36.5	3741	53182	-176	17	-10	247
0130	43 39.5	55 35.8	3754	53182	-176	17	-11	247
0140	43 40.2	55 35.1	3738	53182	-177	17	-11	246
0150	43 40.8	55 34.3	3727	53183	-176	17	-12	244
0200	43 41.5	55 33.6	3701	53183	-176	*	*	*
0210	43 42.2	55 32.8	3681	53183	-177	18	-11	242
0220	43 42.8	55 32.1	3688	53181	-179	18	-11	242
0230	43 43.5	55 31.3	3663	53181	-179	18	-11	240
0240	43 44.2	55 30.5	3635	53180	-180	18	-12	237
0250	43 44.8	55 29.8	3591	53181	-179	18	-11	235
0300	43 45.5	55 29.0	3696	53180	-181	18	-12	242
0310	43 46.2	55 28.2	3580	53180	-181	18	-13	233
0320	43 46.8	55 27.5	3439	53180	-181	18	-14	222
0330	43 47.5	55 26.7	3414	53182	-179	18	-14	220
0340	43 48.2	55 25.9	3399	53183	-179	18	-15	218
0350	43 48.8	55 25.2	3385	53183	-179	18	-15	217
0400	43 49.5	55 24.4	3366	53182	-180	18	-16	215
0410	43 50.2	55 23.6	3352	53184	-178	18	-15	215
0420	43 50.8	55 22.9	3332	53184	-178	18	-16	213
0430	43 51.5	55 22.1	3295	53183	-180	18	-18	208
0440	43 52.2	55 21.3	3277	53183	-180	18	-18	207
0450	43 52.9	55 20.6	3251	53183	-180	18	-19	204
0500	43 53.6	55 19.8	3229	53183	-181	18	-20	202
0510	43 54.3	55 19.0	3200	53182	-182	18	-22	198
0520	43 55.0	55 18.3	3205	53181	-184	18	-23	197
0530	43 55.7	55 17.5	3284	53181	-184	18	-25	200
0540	43 56.4	55 16.7	3363	53180	-185	18	-27	204
0550	43 57.1	55 16.0	3463	53182	-184	18	-30	208
0600	43 57.8	55 15.2	3511	53184	-182	*	*	*
0610	43 58.6	55 14.6	3509	53186	-182	14	-35	206
0620	43 59.3	55 14.0	3388	53190	-179	14	-36	196
0630	44 .1	55 13.4	3328	53193	-178	*	*	*
0640	44 .9	55 12.8	3273	53197	-175	13	-34	191
0650	44 1.6	55 12.3	3189	53201	-173	13	-34	185
0700	44 2.4	55 11.7	3176	53203	-173	13	-35	183
0710	44 3.2	55 11.1	3196	53206	-171	13	-34	185
0720	44 3.9	55 10.6	3262	53207	-172	13	-35	189
0730	44 4.7	55 10.0	3262	53210	-171	13	-36	188
0740	44 5.5	55 9.4	3311	53212	-170	13	-38	189
0750	44 6.2	55 8.9	3383	53215	-169	13	-41	191
0800	44 7.0	55 8.3	3410	53217	-169	13	-43	191
0810	44 7.7	55 7.7	3408	53219	-168	13	-44	190
0820	44 8.5	55 7.2	3399	53222	-166	13	-47	186
0830	44 9.2	55 6.6	3388	53225	-165	13	-49	183
0840	44 9.9	55 6.0	3372	53227	-164	13	-50	181

HUDSON 72-U21 DAY 206 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0850	44 10.7	55 5.5	3324	53228	-165	13	-52	176
0900	44 11.4	55 4.9	3244	53226	-168	*	*	*
0910	44 12.2	55 4.2	3143	53223	-173	15	-54	162
0920	44 13.0	55 3.6	3116	53218	-179	15	-56	158
0930	44 13.8	55 3.0	3021	53216	-183	15	-57	150
0940	44 14.7	55 2.3	2918	53213	-187	15	-58	142
0950	44 15.5	55 1.6	2856	53215	-187	15	-60	136
1000	44 16.3	55 1.0	2816	53221	-182	15	-61	132
1010	44 17.0	55 .3	2849	53227	-177	15	-62	133
1020	44 17.7	54 59.6	2785	53236	-169	15	-64	127
1030	44 18.5	54 58.9	2730	53249	-157	15	-64	123
1040	44 19.2	54 58.3	2728	53261	-145	15	-64	123
1050	44 19.9	54 57.6	2644	53267	-140	15	-64	117
1100	44 20.6	54 56.9	2604	53276	-132	15	-64	115
1110	44 21.3	54 56.2	2529	53284	-125	15	-65	108
1120	44 22.1	54 55.6	2452	53293	-117	15	-64	104
1130	44 22.8	54 54.9	2377	53300	-111	15	-63	100
1140	44 23.6	54 54.2	2295	53301	-111	15	-62	95
1150	44 24.3	54 53.6	2265	53296	-117	15	-61	94
1200	44 25.1	54 52.9	2205	53285	-129	*	*	*
1210	44 25.8	54 52.2	*	53272	-143	16	-57	*
1220	44 26.5	54 51.5	*	53259	-156	16	-57	*
1230	44 27.3	54 50.7	*	53244	-172	16	-55	*
1240	44 28.0	54 50.0	*	53230	-187	16	-54	*
1250	44 28.7	54 49.3	*	53214	-203	16	-55	*
1300	44 29.4	54 48.6	1956	53202	-216	*	*	*
1310	44 30.1	54 47.8	1905	53191	-227	17	-49	81
1320	44 30.8	54 47.1	1836	53185	-233	*	*	*
1330	44 31.5	54 46.3	1832	53183	-236	17	-46	79
1340	44 32.2	54 45.5	1753	53182	-237	17	-44	76
1350	44 32.9	54 44.7	1706	53181	-238	17	-43	74
1400	44 33.6	54 44.0	1667	53186	-234	17	-41	73
1410	44 34.3	54 43.2	1598	53197	-223	17	-39	70
1420	44 35.1	54 42.4	1539	53198	-222	17	-37	68
1430	44 35.8	54 41.6	1521	53208	-212	17	-37	67
1440	44 36.5	54 40.9	1499	53225	-196	17	-36	67
1450	44 37.2	54 40.1	1455	53237	-184	17	-34	66
1500	44 37.9	54 39.3	1367	53242	-179	17	-33	60
1510	44 38.6	54 38.5	1428	53252	-170	17	-31	67
1520	44 39.3	54 37.8	1410	53261	-161	17	-28	68
1530	44 40.0	54 37.0	1435	53269	-153	*	*	*
1540	44 40.7	54 36.3	1472	53280	-143	15	-28	73
1550	44 41.5	54 35.7	1384	53290	-134	15	-26	69
1600	44 42.2	54 35.0	1302	53295	-130	15	-22	67
1610	44 42.9	54 34.3	1192	53300	-126	15	-16	65
1645	44 45.4	54 32.0	881	*	*	*	*	*
1750	44 43.0	54 35.0	*	53293	-136	17	0	*
1800	44 43.8	54 34.2	1073	53298	-132	*	*	*
1810	44 44.5	54 33.5	1014	53301	-129	*	*	*
1820	44 45.3	54 32.7	914	53306	-125	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1830	44 46.0	54 32.0	822	53310	-121	*	*	*
1840	44 46.6	54 31.3	755	53313	-119	15	6	57
1850	44 47.3	54 30.6	676	53321	-111	15	8	54
1900	44 47.9	54 29.9	629	53342	-90	15	10	53
1910	44 48.6	54 29.2	555	53414	-18	15	14	52
1920	44 49.2	54 28.5	519	53383	-50	15	16	51
1930	44 49.9	54 27.8	482	53382	-51	15	16	49
1940	44 50.5	54 27.1	596	53397	-36	15	14	54
1950	44 51.2	54 26.4	731	53430	-4	15	11	61
2000	44 51.8	54 25.7	625	53436	1	15	11	53
2010	44 52.5	54 25.0	616	53490	55	15	13	55
2020	44 53.1	54 24.3	413	53480	44	15	17	45
2030	44 53.8	54 23.6	239	53486	50	*	*	*
2040	44 54.5	54 23.0	177	53516	79	13	27	39
2050	44 55.2	54 22.4	149	53525	87	13	31	41
2100	44 55.9	54 21.8	138	53548	109	13	30	39
2110	44 56.6	54 21.2	126	53524	84	13	31	39
2120	44 57.3	54 20.6	117	53528	87	13	30	38
2130	44 58.0	54 20.0	106	53586	144	*	*	*
2140	44 58.6	54 17.9	95	53556	131	*	*	*
2150	44 59.2	54 15.7	95	53505	97	48	32	38
2200	44 53.8	54 13.6	93	53450	59	*	*	*
2210	44 52.5	54 11.2	96	53421	48	54	39	45
2220	44 51.3	54 8.8	98	53461	106	54	38	44
2230	44 50.0	54 6.4	109	53467	129	55	37	44
2240	44 48.7	54 4.0	146	53395	75	55	33	43
2250	44 47.5	54 1.6	138	53348	46	55	31	40
2300	44 46.2	53 59.2	128	53300	15	*	*	*
2310	44 45.0	53 56.8	126	53247	-19	54	29	37
2320	44 43.7	53 54.5	118	53178	-71	54	26	34
2330	44 42.5	53 52.1	117	53106	-126	54	21	29
2340	44 41.3	53 49.7	117	53056	-158	54	23	31
2350	44 40.0	53 47.4	117	53011	-186	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	LOTVOS	F.A.	B.A.
JJJJ	44 38.8	53 45.J	12J	5298J	-2J0	54	22	30
0010	44 37.6	53 42.6	128	52940	-222	54	22	30
0020	44 36.3	53 40.3	135	52895	-250	54	24	33
0030	44 35.1	53 37.9	128	52860	-267	54	28	36
0040	44 33.9	53 35.5	124	52813	-297	54	33	41
0050	44 32.6	53 33.2	126	52821	-271	54	36	44
0100	44 31.4	53 30.8	138	52854	-221	*	*	*
J11J	44 3J.J	53 28.6	168	52843	-214	51	32	43
0120	44 28.7	53 26.4	193	52794	-246	51	27	40
0130	44 27.3	53 24.2	212	52797	-225	51	26	40
J14J	44 25.9	53 22.J	259	52754	-251	51	24	41
0150	44 24.6	53 19.7	384	52716	-271	51	17	43
0200	44 23.2	53 17.5	393	52685	-284	*	*	*
0210	44 21.9	53 15.3	314	52665	-287	52	6	27
0220	44 20.5	53 13.0	702	52621	-313	52	-8	40
0230	44 19.2	53 10.8	709	52602	-315	52	-10	38
0240	44 17.8	53 8.6	1199	52622	-277	52	-12	70
0250	44 16.4	53 6.3	969	52682	-199	52	-6	60
0300	44 15.0	53 4.1	980	52691	-172	52	0	67
J31J	44 13.7	53 1.9	95J	52648	-197	52	2	67
0320	44 12.3	52 59.6	940	52618	-210	52	11	75
0330	44 11.0	52 57.4	471	52711	-99	52	31	63
0340	44 9.8	52 55.2	321	52854	60	52	44	66
J35J	44 8.5	52 52.9	213	5289J	113	52	50	64
0400	44 7.3	52 50.7	157	52819	59	52	55	65
0410	44 6.1	52 48.5	179	52830	87	52	52	64
0420	44 4.8	52 46.2	153	52894	168	52	51	61
J43J	44 3.6	52 44.J	168	52704	-4	*	*	*
0440	44 2.3	52 41.7	208	52609	-81	53	45	59
0450	44 1.1	52 39.5	204	52605	-68	53	41	55
0500	43 59.8	52 37.2	2J8	52573	-82	53	36	50
0510	43 58.5	52 34.9	248	52510	-128	53	31	48
0520	43 57.3	52 32.7	226	52428	-192	53	39	54
0530	43 56.0	52 30.4	197	52412	-190	53	49	62
J54J	43 54.7	52 28.1	151	52397	-188	53	55	65
0550	43 53.5	52 25.9	153	52349	-218	53	55	65
0600	43 52.2	52 23.6	149	52310	-240	53	54	64
0610	43 50.9	52 21.3	151	52294	-238	53	51	61
J62J	43 49.7	52 19.1	124	52298	-217	53	51	59
0630	43 48.4	52 16.8	120	52283	-214	53	52	60
0640	43 47.1	52 14.5	120	52251	-228	53	49	57
0650	43 45.9	52 12.3	135	52229	-233	53	47	56
J7J	43 44.6	52 1J.J	159	52226	-218	*	*	*
0710	43 43.4	52 7.8	190	52237	-190	51	38	51
0720	43 42.1	52 5.7	197	52243	-167	51	38	51
0730	43 40.9	52 3.5	153	522J4	-189	51	38	48
0740	43 39.7	52 1.3	140	52143	-233	51	38	47
0750	43 38.4	51 59.2	131	52114	-245	51	39	48
0800	43 37.2	51 57.0	126	5210J	-239	*	*	*
J81J	43 36.J	51 54.9	124	521J4	-221	5J	4J	48

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	43 34.8	51 52.7	120	52121	-187	50	44	52
0830	43 33.6	51 50.6	113	52141	-151	51	45	52
0840	43 32.4	51 48.5	109	52137	-138	51	42	49
0850	43 31.2	51 46.3	117	52109	-149	51	40	48
0900	43 30.0	51 44.2	133	52051	-190	*	*	*
0910	43 28.6	51 42.1	153	52012	-211	50	33	43
0920	43 27.1	51 40.0	146	51974	-231	50	37	47
0930	43 25.7	51 37.9	146	51977	-210	50	42	52
0940	43 24.3	51 35.8	144	51982	-187	50	48	57
0950	43 22.8	51 33.7	149	51957	-194	50	53	63
1000	43 21.4	51 31.6	166	51931	-202	50	55	66
1010	43 20.0	51 29.5	195	51876	-239	50	51	64
1020	43 18.6	51 27.4	219	51832	-265	50	49	64
1030	43 17.2	51 25.3	221	51833	-247	50	49	64
1040	43 15.8	51 23.2	248	51819	-243	50	49	66
1050	43 14.4	51 21.1	246	51804	-240	50	48	64
1100	43 13.0	51 19.0	256	51806	-220	*	*	*
1700	43 9.6	51 17.8	305	51859	-141	*	*	*
1710	43 8.8	51 18.6	409	51859	-140	-19	50	78
1720	43 8.1	51 19.4	446	51855	-143	-19	47	77
1730	43 7.3	51 20.2	480	51852	-145	*	*	*
1740	43 6.5	51 21.0	508	51850	-146	-18	47	81
1750	43 5.8	51 21.7	548	51844	-151	-18	46	83
1800	43 5.0	51 22.5	599	51839	-155	*	*	*
1810	43 4.2	51 23.2	651	51839	-153	*	*	*
1820	43 3.3	51 23.9	700	51830	-161	-16	38	86
1830	43 2.5	51 24.6	755	51822	-167	-16	35	86
1840	43 1.7	51 25.3	811	51815	-172	-16	34	89
1850	43 .8	51 26.0	874	51809	-176	-16	32	92
1900	43 0	51 26.7	943	51800	-183	*	*	*
1910	42 59.1	51 27.5	1005	51791	-191	-19	30	99
1920	42 58.2	51 28.3	1047	51791	-189	-19	32	103
1930	42 57.3	51 29.1	1093	51787	-191	-19	36	111
1940	42 56.4	51 29.9	1139	51779	-198	-19	37	115
1950	42 55.6	51 30.7	1203	51780	-195	-19	37	119
2000	42 54.7	51 31.5	1258	51776	-198	*	*	*
2010	42 53.8	51 32.2	1331	51765	-207	-16	40	131
2020	42 53.0	51 32.9	1400	51755	-215	-16	38	134
2030	42 52.1	51 33.6	1486	51748	-220	-16	39	141
2040	42 51.2	51 34.3	1623	51744	-222	-16	38	149
2050	42 50.4	51 35.0	1689	51737	-227	-16	38	154
2100	42 49.5	51 35.7	1770	51741	-221	-16	39	160
2110	42 48.6	51 36.4	1876	51750	-210	-16	36	164
2120	42 47.8	51 37.1	1978	51758	-200	-16	36	172
2130	42 46.9	51 37.8	2046	51773	-183	-16	36	176
2140	42 46.0	51 38.5	2121	51786	-167	*	*	*
2150	42 45.1	51 39.2	2194	51787	-164	-16	35	185
2200	42 44.2	51 39.9	2275	51799	-150	-16	29	185
2210	42 43.3	51 40.6	2329	51811	-136	-16	29	189
2220	42 42.4	51 41.3	2406	51818	-126	-16	26	191

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
2230	42 41.5	51 42.1	2468	51818	-124	-16	21	190
2240	42 40.6	51 42.7	2560	51804	-136	-16	22	198
2250	42 39.7	51 43.5	2629	51780	-157	-16	19	199
2300	42 38.8	51 44.0	2702	51770	-165	-16	16	201
2310	42 37.9	51 44.7	2737	51785	-148	*	*	*
2320	42 37.0	51 45.3	2777	51773	-157	*	*	*
2330	42 36.1	51 46.0	2812	51762	-166	*	*	*
2340	42 35.2	51 46.7	2863	51753	-172	-16	9	205
2350	42 34.3	51 47.3	2900	51732	-191	-16	6	205

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 33.4	51 48.0	2962	51723	-138	-16	6	209
0010	42 32.5	51 48.7	3006	51724	-194	-16	5	211
0020	42 31.6	51 49.3	3035	51705	-211	-16	4	212
0030	42 30.7	51 50.0	3068	51688	-225	-16	4	214
0040	42 29.8	51 50.7	3101	51678	-233	-16	2	215
0050	42 28.9	51 51.3	3134	51672	-236	-16	0	215
0100	42 28.0	51 52.0	3167	51670	-236	-16	0	217
0110	42 27.2	51 52.7	3196	51668	-236	-16	-1	218
0120	42 26.3	51 53.3	3240	51659	-243	-16	-2	220
0130	42 25.5	51 54.0	3242	51653	-247	-16	-3	219
0140	42 24.7	51 54.7	3299	51650	-248	-16	-4	222
0150	42 23.8	51 55.3	3335	51650	-246	-16	-5	224
0200	42 23.0	51 56.0	3339	51651	-243	-16	-6	223
0210	42 22.2	51 56.7	3386	51655	-237	-16	-7	225
0220	42 21.4	51 57.3	3430	51662	-228	-16	-8	227
0230	42 20.6	51 58.0	3463	51669	-219	-16	-9	229
0240	42 19.8	51 58.7	3487	51675	-211	-16	-10	229
0250	42 19.1	51 59.3	3516	51682	-203	-16	-11	230
0300	42 18.2	52 0	3577	51684	-199	*	*	*
0310	42 17.5	52 .6	3578	51683	-199	-15	-12	234
0320	42 16.9	52 1.3	3617	51680	-200	-15	-13	235
0330	42 16.2	52 1.9	3650	51672	-207	-15	-13	237
0340	42 15.5	52 2.5	3666	51664	-214	-15	-10	242
0350	42 14.9	52 3.2	3706	51656	-221	*	*	*
0400	42 14.2	52 3.8	3716	51650	-226	*	*	*
0410	42 13.5	52 4.4	3741	51644	-230	*	*	*
0420	42 12.8	52 5.1	3747	51635	-238	-15	-14	243
0430	42 12.1	52 5.7	3760	51625	-246	-15	-16	242
0440	42 11.4	52 6.3	3756	51621	-249	-15	-17	241
0450	42 10.7	52 7.0	3781	51623	-246	-15	-18	241
0500	42 10.0	52 7.6	3824	51631	-236	*	*	*
0510	42 9.3	52 8.2	3844	51644	-222	-14	-18	246
0520	42 8.6	52 8.8	3866	51655	-209	-14	-19	246
0530	42 7.9	52 9.4	3888	51659	-203	-14	-19	248
0540	42 7.2	52 10.0	3906	51667	-194	-14	-19	249
0550	42 6.5	52 10.6	3908	51687	-172	-14	-19	249
0600	42 5.8	52 11.2	3930	51711	-147	*	*	*
0610	42 5.1	52 11.9	3944	51728	-129	-18	-23	248
0620	42 4.4	52 12.7	3966	51710	-146	-18	-25	247
0630	42 3.7	52 13.4	4021	51677	-178	-18	-25	251
0640	42 3.0	52 14.1	4037	51632	-222	-18	-26	251
0650	42 2.3	52 14.9	4103	51595	-258	-18	-29	253
0700	42 1.6	52 15.6	4131	51568	-284	-18	-29	255
0710	42 .9	52 16.3	4081	51561	-290	-18	-31	249
0720	42 .2	52 17.1	4178	51569	-281	-18	-31	256
0730	41 59.5	52 17.8	4184	51578	-271	-18	-31	256
0740	41 58.8	52 18.5	4239	51586	-262	-18	-32	259
0750	41 58.1	52 19.3	4262	51595	-252	-18	-31	262
0800	41 57.4	52 20.0	*	51612	-234	-18	-32	*
0810	41 56.7	52 20.7	*	51643	-202	-18	-31	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	H.A.
J82J	41 55.9	52 21.5	*	51687	-157	-18	-31	*
0830	41 55.2	52 22.2	*	51745	-98	-18	-31	*
0840	41 54.5	52 22.9	*	51819	-22	-18	-31	*
0850	41 53.7	52 23.7	*	519J6	65	-18	-32	*
0900	41 53.0	52 24.4	4429	51986	146	*	*	*
0910	41 52.3	52 25.0	4462	52025	187	-14	-27	279
0920	41 51.5	52 25.6	4434	52025	189	-14	-27	277
J93J	41 5J.8	52 26.2	4495	51985	150	-14	-27	282
0940	41 50.0	52 26.8	4480	51922	89	-14	-27	281
0950	41 49.3	52 27.4	4500	51847	16	-14	-26	283
1000	41 48.5	52 28.0	4515	51786	-42	*	*	*
1010	41 47.8	52 28.7	4542	51745	-81	-16	-29	283
1020	41 47.0	52 29.3	4582	51713	-112	-16	-28	287
1030	41 46.3	52 30.0	4619	51678	-145	*	*	*
1040	41 45.5	52 30.7	4650	5163J	-191	*	*	*
1050	41 44.8	52 31.3	4681	51579	-241	*	*	*
1100	41 44.0	52 32.0	4703	51539	-279	*	*	*
1110	41 43.2	52 32.5	4736	51526	-289	-12	-26	299
112J	41 42.4	52 33.0	4754	51529	-283	-12	-27	299
1130	41 41.6	52 33.5	4784	51548	-262	-12	-29	299
1140	41 40.8	52 34.0	4806	51562	-245	-12	-29	301
1150	41 40.0	52 34.5	4835	51585	-219	*	*	*
12JJ	41 39.2	52 35.0	4855	51604	-197	*	*	*
1210	41 38.4	52 35.5	4853	51631	-168	-13	-34	299
1220	41 37.6	52 36.1	4890	51658	-138	*	*	*
1230	41 36.8	52 36.6	4892	51677	-117	*	*	*
1240	41 36.1	52 37.2	4912	51680	-112	*	*	*
1250	41 35.3	52 37.9	4912	51678	-112	*	*	*
1300	41 34.6	52 38.5	4912	51668	-121	*	*	*
1310	41 33.8	52 39.1	4915	51663	-124	*	*	*
1320	41 33.1	52 39.7	4915	51652	-133	-15	-39	298
1330	41 32.3	52 40.4	4915	51639	-144	-15	-39	298
1340	41 31.6	52 41.0	4919	51628	-153	-15	-38	3JJ
135J	41 3J.8	52 41.6	4923	51619	-160	-15	-38	300
1400	41 30.1	52 42.2	4926	51613	-164	-15	-37	301
1410	41 29.3	52 42.9	4930	51608	-167	-15	-37	301
1420	41 28.6	52 43.5	4928	51598	-175	-15	-36	3J2
1430	41 27.8	52 44.1	4926	51585	-186	-15	-36	302
1440	41 27.1	52 44.7	4926	51573	-196	-15	-34	304
1450	41 26.3	52 45.3	4930	51564	-204	-15	-33	305
15JJ	41 25.6	52 45.9	4934	51555	-211	-15	-32	307
1510	41 24.9	52 46.5	4935	51547	-217	-15	-30	309
1520	41 24.1	52 47.1	4934	51539	-223	-15	-29	310
1530	41 23.4	52 47.7	4934	51533	-227	-15	-28	311
154J	41 22.7	52 48.3	4934	51522	-236	-15	-28	311
1550	41 21.9	52 48.9	4930	51509	-247	-15	-26	312
1600	41 21.2	52 49.5	4928	51500	-254	*	*	*
1610	41 20.5	52 50.0	4928	51491	-261	-12	-2J	318
162J	41 19.8	52 50.5	4932	51490	-260	*	*	*
1630	41 19.1	52 51.0	4932	51490	-258	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1640	41 18.4	52 51.5	4941	51495	-251	*	*	*
1650	41 17.7	52 52.0	4935	51497	-247	*	*	*
1700	41 17.0	52 52.5	4930	51502	-239	-12	-29	309
1710	41 16.3	52 53.0	4923	51505	-234	*	*	*
1720	41 15.6	52 53.5	4928	51504	-233	*	*	*
1730	41 14.9	52 54.0	4930	51498	-237	*	*	*
1800	41 11.9	52 49.0	4939	51404	-288	*	*	*
1810	41 10.9	52 46.7	4945	51375	-300	59	-33	307
1820	41 9.9	52 44.4	4946	51367	-291	59	-38	302
1830	41 9.0	52 42.1	4948	51374	-267	59	-36	304
1840	41 8.0	52 39.8	4956	51336	-288	59	-33	307
1850	41 7.0	52 37.5	4963	51278	-328	59	-29	312
1900	41 6.0	52 35.2	4967	51268	-321	*	*	*
1910	41 4.9	52 33.0	4974	51276	-296	56	-29	313
1920	41 3.8	52 30.8	4981	51278	-277	56	-28	314
1930	41 2.7	52 28.6	4988	51295	-242	56	-26	316
1940	41 1.8	52 26.5	4990	51244	-277	53	-29	314
1950	41 .8	52 24.5	4990	51175	-330	*	*	*
2000	40 59.9	52 22.4	4992	51120	-370	*	*	*
2010	40 58.9	52 20.1	4994	51164	-308	*	*	*
2020	40 57.9	52 17.8	4857	51310	-145	*	*	*
2030	40 56.8	52 15.4	4334	51366	-71	60	-5	293
2040	40 55.8	52 13.1	3822	51194	-226	60	5	267
2050	40 54.8	52 10.8	3624	51034	-368	60	15	264
2100	40 53.8	52 8.5	3419	50982	-403	*	*	*
2110	40 52.9	52 6.3	3291	51098	-270	57	32	258
2120	40 51.9	52 4.1	3227	51316	-36	57	32	253
2130	40 51.0	52 1.9	3485	51389	53	57	18	257
2140	40 50.1	51 59.7	4041	51259	-60	57	0	277
2150	40 49.5	51 58.2	4433	51198	-110	*	*	*
2200	40 49.1	51 57.1	4798	51166	-134	*	*	*
2210	40 48.8	51 56.0	5021	51116	-177	*	*	*
2220	40 48.2	51 55.5	5029	51074	-213	*	*	*
2230	40 47.6	51 54.9	5032	51054	-226	*	*	*
2240	40 46.9	51 54.4	5040	51028	-245	14	-29	317
2250	40 46.3	51 53.8	5043	51004	-263	14	-30	316
2300	40 45.7	51 53.3	5040	50984	-276	14	-30	316
2310	40 45.0	51 52.7	5040	50963	-290	14	-31	315
2320	40 44.3	51 52.2	5043	50932	-314	14	-32	314
2330	40 43.6	51 51.6	5047	50885	-354	14	-33	314
2340	40 43.0	51 51.1	5054	50840	-392	14	-32	315
2350	40 42.3	51 50.5	5045	50797	-427	14	-34	312

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
JJ JJ	40 41.6	51 50.0	5043	50764	-453	13	-34	312
0010	40 41.0	51 49.5	5042	50750	-461	13	-35	311
0020	40 40.4	51 49.0	5034	50754	-450	13	-35	311
JJ3J	4J 39.7	51 48.5	5025	50777	-421	13	-35	310
0040	40 39.1	51 47.9	5018	50805	-386	13	-36	309
0050	40 38.5	51 47.4	5014	50829	-356	13	-37	307
0100	40 37.9	51 46.9	*	50846	-332	0	0	*
J11J	4J 37.3	51 46.3	*	50857	-314	16	-31	*
0120	40 36.7	51 45.7	*	50863	-301	16	-33	*
0130	40 36.0	51 45.0	*	50863	-294	16	-38	*
0140	40 35.4	51 44.4	*	50860	-290	16	-34	*
0150	40 34.8	51 43.8	*	50850	-293	16	-40	*
J200	40 34.2	51 43.2	4992	50841	-295	*	*	*
0210	40 33.6	51 42.6	4985	50827	-303	*	*	*
J22J	4J 33.0	51 42.1	4981	50803	-320	*	*	*
0230	40 32.4	51 41.5	4983	50778	-338	*	*	*
0240	40 31.8	51 41.0	4981	50750	-360	13	-35	307
0250	40 31.2	51 40.4	4992	50721	-382	13	-38	305
0300	40 30.6	51 39.9	5012	50694	-403	*	*	*
0310	40 30.0	51 39.2	5010	50673	-417	17	-26	318
0320	40 29.3	51 38.6	5014	50633	-449	17	-30	314
J33J	4J 28.7	51 37.9	4996	50586	-489	17	-22	321
0340	40 28.1	51 37.2	4678	50557	-510	17	-20	301
0350	40 27.4	51 36.6	4456	50555	-505	17	-17	289
0400	40 26.8	51 35.9	4480	50575	-478	*	*	*
J41J	4J 26.1	51 35.3	4217	50602	-443	16	-13	276
0420	40 25.4	51 34.6	4220	50640	-397	16	-9	281
0430	40 24.7	51 34.0	4067	50692	-338	16	-5	274
0440	40 24.0	51 33.4	3893	50742	-280	16	2	269
0450	40 23.3	51 32.7	3869	50789	-225	16	2	268
0500	40 22.6	51 32.1	3783	50808	-199	*	*	*
0510	40 21.7	51 31.6	3840	50789	-209	11	1	265
0520	40 21.8	51 31.2	3849	50754	-236	11	0	264
0530	40 19.9	51 30.8	3942	50708	-274	11	-1	270
0540	40 19.0	51 30.3	4034	50639	-335	11	-4	273
0550	40 18.1	51 29.8	4200	50555	-411	11	-5	283
J6JJ	4J 17.2	51 29.4	4171	50469	-489	*	*	*
0610	40 16.2	51 28.9	4239	50382	-566	12	-6	285
0620	40 15.1	51 28.4	4306	50308	-631	12	-8	288
0630	40 14.1	51 27.9	4319	50254	-676	12	-9	287
J64J	4J 13.0	51 27.5	4301	50247	-673	12	-9	286
0650	40 12.0	51 27.0	4204	50299	-612	12	-11	278
0700	40 10.9	51 26.5	4209	50406	-495	*	*	*
J71J	4J 9.7	51 25.9	4350	50560	-330	16	-15	284
0720	40 8.4	51 25.3	4443	50754	-125	16	-18	287
0730	40 7.2	51 24.7	4636	50930	61	16	-20	298
0740	40 6.0	51 24.1	4800	51039	181	16	-22	308
J75J	4J 4.8	51 23.4	4912	51098	251	16	-21	316
0800	40 3.6	51 22.8	4985	51128	293	*	*	*
0810	40 2.4	51 22.0	5087	51101	278	20	-19	330

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	40 1.1	51 21.3	5153	50982	171	20	-20	334
0830	39 59.9	51 20.5	5179	50885	86	*	*	*
0840	39 58.7	51 19.8	5179	50862	74	19	-20	336
0850	39 57.4	51 19.0	5179	50852	76	19	-23	333
0900	39 56.2	51 18.3	5182	50820	56	*	*	*
0910	39 55.0	51 17.7	5182	50783	30	15	-24	332
0920	39 53.8	51 17.1	5184	50763	21	15	-22	334
0930	39 52.6	51 16.5	5186	50761	30	15	-19	337
0940	39 51.4	51 16.0	5182	50764	44	*	*	*
0950	39 50.2	51 15.4	5182	50781	72	15	-16	340
1000	39 49.0	51 14.8	5186	50801	103	*	*	*
1010	39 47.6	51 14.0	5190	50808	123	20	-8	348
1020	39 46.3	51 13.3	5190	50797	125	20	-11	345
1030	39 44.9	51 12.5	5190	50755	96	20	-9	347
1040	39 43.6	51 11.8	5190	50677	31	20	-9	347
1050	39 42.2	51 11.0	5191	50600	-32	*	*	*
1100	39 42.6	51 10.6	5190	50561	-72	*	*	*
1110	39 43.2	51 10.9	5190	50585	-53	*	*	*
1120	39 43.7	51 11.2	5191	50617	-27	-7	-19	337
1130	39 44.3	51 11.4	5190	50653	3	-7	-17	339
1140	39 44.9	51 11.7	5190	50688	33	-7	-17	339
1150	39 45.4	51 12.0	5190	50719	59	-7	-17	339
1200	39 46.0	51 12.3	5190	50745	79	*	*	*
1210	39 46.6	51 12.6	5191	50763	92	-8	-17	339
1220	39 47.1	51 13.0	5190	50771	95	-8	-16	340
1230	39 47.7	51 13.3	5190	50776	94	-8	-15	341
1240	39 48.3	51 13.6	5188	50773	85	-8	-16	340
1250	39 48.9	51 14.0	5186	50770	77	-8	-16	340
1300	39 49.5	51 14.3	5186	50761	62	*	*	*
1310	39 50.1	51 14.5	5184	50750	46	-6	-16	340
1320	39 50.6	51 14.8	5184	50738	29	-6	-17	339
1330	39 51.2	51 15.0	5184	50729	15	*	*	*
1340	39 51.9	51 15.1	5186	50726	7	-1	-21	335
1350	39 52.6	51 15.2	5186	50724	0	-1	-20	336
1400	39 53.2	51 15.2	5186	50724	-4	3	-21	335
1410	39 53.9	51 15.0	5188	50730	-1	3	-21	335
1420	39 54.5	51 14.9	5188	50738	2	3	-21	335
1430	39 55.1	51 14.8	5188	50749	9	*	*	*
1440	39 55.7	51 14.6	5190	50764	21	4	-21	335
1450	39 56.3	51 14.5	5188	50780	34	4	-24	332
1500	39 56.9	51 14.3	5190	50800	50	*	*	*
1510	39 57.6	51 14.2	5190	50820	66	2	-24	332
1520	39 58.3	51 14.1	5188	50838	80	2	-25	331
1530	39 58.9	51 14.1	5186	50853	90	2	-25	331
1540	39 59.6	51 14.0	5190	50865	98	2	-25	331
1550	40 .3	51 13.9	5188	50870	99	2	-26	330
1600	40 1.0	51 13.8	5190	50867	92	*	*	*
1610	40 1.8	51 13.8	5191	50858	77	0	-29	327
1620	40 2.5	51 13.7	5190	50846	60	0	-29	327
1630	40 3.3	51 13.7	5184	50837	46	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	LOTVOS	F.A.	B.A.
1640	40 4.1	51 13.7	5153	50834	38	*	*	*
1650	40 4.8	51 13.6	5115	50841	40	0	-24	327
17J0	4J 5.6	51 13.6	5J87	5J861	55	*	*	*
1710	40 6.5	51 13.7	5031	50897	85	-1	-28	317
1720	40 7.4	51 13.7	4970	50936	118	-1	-27	314
173J	4J 8.3	51 13.8	4923	5J969	144	-1	-27	311
1740	40 9.1	51 13.8	4868	50990	159	-1	-26	308
1750	40 10.0	51 13.8	4791	50995	158	-1	-27	302
18J0	4J 1J.9	51 13.9	4679	50987	144	*	*	*
1810	40 11.8	51 13.9	4570	50971	121	0	-24	290
1820	40 12.8	51 13.9	4390	50957	101	0	-22	279
1830	40 13.7	51 13.9	4294	50946	84	0	-2J	275
184J	4J 14.6	51 13.9	4226	50918	49	0	-19	271
1850	40 15.6	51 13.9	4189	50850	-24	0	-18	270
1900	40 16.5	51 13.9	4198	50742	-138	*	*	*
191J	4J 17.5	51 13.9	4169	50619	-268	1	-14	272
1920	40 18.4	51 13.8	4129	50512	-381	1	-13	270
1930	40 19.4	51 13.8	4100	50432	-467	1	-12	269
1940	40 20.4	51 13.8	4025	50380	-526	1	-11	265
1950	40 21.3	51 13.7	3972	50355	-557	1	-12	261
2000	40 22.3	51 13.7	3873	50351	-567	1	-13	253
2010	4J 23.3	51 13.6	384J	5J371	-554	1	-13	251
2020	40 24.2	51 13.6	3972	50412	-519	1	-14	259
2030	40 25.2	51 13.5	4096	50474	-463	1	-15	266
2040	40 26.2	51 13.4	4134	50548	-395	1	-14	270
2J5J	4J 27.1	51 13.4	4162	5J63J	-319	1	-16	270
2100	40 28.1	51 13.3	4202	50710	-245	*	*	*
2110	40 29.1	51 13.4	4204	50780	-183	-2	-18	271
2120	40 30.2	51 13.5	4204	50824	-146	-2	-19	27J
213J	4J 31.2	51 13.5	4231	50836	-141	-2	-20	270
2140	40 32.2	51 13.6	4264	50813	-172	-2	-21	272
2150	40 33.3	51 13.7	4299	50781	-211	-2	-24	271
2200	40 34.3	51 13.8	4336	50765	-234	*	*	*
2210	40 35.3	51 13.8	4389	50768	-238	0	-26	275
2220	40 36.4	51 13.8	4434	50782	-231	0	-28	276
2230	40 37.4	51 13.8	4454	50799	-221	0	-27	279
2240	40 38.4	51 13.9	4436	50818	-2J9	J	-27	278
2250	40 39.5	51 13.9	4418	50822	-212	0	-29	274
2300	40 40.5	51 13.9	4462	50806	-235	*	*	*
2310	40 41.4	51 13.8	4546	50787	-260	1	-28	284
232J	4J 42.3	51 13.8	4575	5J772	-281	*	*	*
2330	40 41.2	51 12.1	4528	50752	-286	*	*	*
2340	40 40.1	51 10.4	4418	50737	-286	*	*	*
235J	4J 39.1	51 8.8	4334	5J671	-337	43	-36	262

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	40 38.0	51 7.1	4487	50662	-331	49	-28	280
0010	40 36.5	51 5.2	4299	50761	-213	49	-22	273
0020	40 35.0	51 3.3	4036	50834	-121	49	-11	266
0030	40 33.5	51 1.4	3897	51000	63	*	*	*
0040	40 32.0	50 59.5	4028	51120	202	49	-5	271
0050	40 30.5	50 57.7	4059	51085	186	49	-3	276
0100	40 29.0	50 55.8	4045	51019	138	*	*	*
0110	40 27.3	50 54.1	4023	50932	71	45	-8	268
0120	40 25.7	50 52.3	4016	50862	20	45	-7	269
0130	40 24.0	50 50.6	4074	50818	-4	45	-8	272
0140	40 22.3	50 48.9	4151	50808	5	45	-15	270
0150	40 20.5	50 47.2	4279	50879	96	45	-18	276
0200	40 18.8	50 45.5	4394	50778	14	45	-19	283
0210	40 17.1	50 43.8	4462	50629	-114	45	-17	289
0220	40 15.3	50 42.1	4502	50657	-66	45	-17	292
0230	40 13.6	50 40.4	4568	50760	55	*	*	*
0240	40 11.9	50 38.8	4668	50867	181	43	-12	308
0250	40 10.2	50 37.1	4860	50921	255	43	-13	321
0300	40 8.5	50 35.5	4950	51032	385	43	-16	324
0310	40 6.8	50 33.8	5043	50994	366	43	-18	328
0320	40 5.1	50 32.2	5120	50906	297	43	-20	332
0330	40 3.4	50 30.6	5193	50806	217	43	-21	336
0340	40 1.7	50 28.9	5223	50696	126	43	-21	338
0350	40 .0	50 27.3	5226	50631	80	43	-20	339
0400	39 58.3	50 25.7	5224	50563	31	43	-20	339
0410	39 56.6	50 24.0	5224	50500	-11	44	-22	337
0420	39 56.8	50 23.3	5226	50462	-47	*	*	*
0430	39 58.8	50 23.4	5226	50500	-23	*	*	*
0440	40 .8	50 23.5	5226	50563	24	*	*	*
0450	40 2.8	50 23.7	5228	50653	100	*	*	*
0500	40 4.8	50 23.8	5223	50739	172	*	*	*
0510	40 6.8	50 24.0	5115	50843	262	-3	-22	329
0520	40 8.7	50 24.1	4983	50866	270	-3	-18	324
0530	40 10.7	50 24.3	4791	50850	240	-3	-16	313
0540	40 12.7	50 24.5	4659	50810	186	-3	-14	306
0550	40 14.6	50 24.6	4593	50744	106	-3	-8	307
0600	40 16.6	50 24.8	4411	50697	45	*	*	*
0610	40 18.5	50 24.9	4257	50670	4	-2	0	292
0620	40 20.4	50 25.0	4200	50620	-58	-2	0	288
0630	40 22.3	50 25.2	4131	50557	-134	-2	0	284
0640	40 24.2	50 25.3	4041	50501	-204	-2	0	277
0650	40 26.1	50 25.4	3979	50533	-185	-2	0	273
0700	40 28.0	50 25.5	3902	50612	-119	-2	0	268
0710	40 29.9	50 25.6	3855	50609	-136	-2	0	265
0720	40 31.8	50 25.7	3785	50599	-159	-2	-1	259
0730	40 33.7	50 25.8	3738	50577	-194	-2	0	257
0740	40 35.6	50 26.0	3668	50545	-240	-2	1	253
0750	40 37.5	50 26.1	3536	50549	-249	-2	0	243
0800	40 39.4	50 26.2	3577	50591	-220	*	*	*
0810	40 41.3	50 26.1	3657	50579	-244	3	1	252

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	40 43.2	50 26.0	3719	50579	-257	3	-2	253
0830	40 45.1	50 25.9	3789	50725	-123	3	-6	254
0840	40 47.1	50 25.8	3840	50914	52	3	-11	253
0850	40 49.1	50 25.7	3913	51017	142	3	-15	254
0900	40 51.2	50 25.5	3935	51042	155	3	-19	251
0910	40 53.2	50 25.4	4030	50948	48	3	-23	254
0920	40 55.2	50 25.3	3986	50799	-113	3	-30	244
0930	40 57.2	50 25.2	4085	50667	-258	3	-34	246
0940	40 59.3	50 25.1	4114	50602	-336	3	-37	245
0950	41 1.3	50 25.0	4136	50519	-432	3	-41	243
1000	41 3.3	50 24.9	4136	50455	-508	3	-42	242
1010	41 5.3	50 24.7	4173	50472	-504	3	-45	241
1020	41 7.3	50 24.6	4224	50552	-437	3	-45	245
1030	41 9.4	50 24.5	4250	50681	-321	3	-42	250
1040	41 11.4	50 24.4	4169	50755	-259	3	-38	248
1050	41 13.4	50 24.3	4103	50871	-156	3	-35	247
1100	41 15.4	50 24.1	3950	51003	-37	3	-29	242
1110	41 17.5	50 24.0	3880	51169	116	3	-19	247
1120	41 19.5	50 23.9	3547	51326	260	*	*	*
1130	41 21.5	50 23.8	3472	51455	377	*	*	*
1140	41 23.7	50 23.5	3456	51208	117	*	*	*
1150	41 25.8	50 23.3	3483	50840	-263	7	3	242
1200	41 28.0	50 23.0	3608	50719	-397	*	*	*
1210	41 30.3	50 22.7	3778	50722	-407	8	-17	242
1220	41 32.5	50 22.4	3785	50675	-467	8	-27	233
1230	41 34.8	50 22.1	3997	50480	-675	8	-36	238
1240	41 37.0	50 21.8	3902	50309	-860	8	-47	221
1300	41 37.3	50 24.5	3899	50305	-878	*	*	*
1310	41 35.3	50 24.7	3968	50374	-797	-1	-55	217
1320	41 33.2	50 24.8	3906	50571	-587	-1	-36	232
1330	41 31.1	50 24.9	3840	50703	-442	-1	-28	236
1340	41 29.0	50 24.8	3672	50751	-380	3	-13	239
1350	41 27.0	50 24.7	3547	50794	-323	3	-1	242
1400	41 25.5	50 24.5	3441	50934	-173	4	7	243
1410	41 24.7	50 24.3	3408	51051	-49	4	9	243
1420	41 23.8	50 24.0	3430	51202	108	*	*	*
1430	41 22.8	50 23.8	3357	51348	261	3	11	241
1440	41 21.8	50 23.7	3525	51419	339	0	8	250
1450	41 20.8	50 23.7	3546	51392	318	0	3	246
1500	41 19.8	50 23.7	3551	51312	245	0	-2	242
1510	41 18.9	50 23.8	3610	51235	174	0	-8	240
1520	41 17.9	50 23.8	3864	51170	115	0	-14	251
1530	41 16.9	50 23.9	3822	51119	70	-3	-20	242
1540	41 15.9	50 24.0	3909	51062	19	*	*	*
1550	41 14.9	50 24.0	3939	51005	-31	0	-26	244
1600	41 14.0	50 24.1	3928	50950	-80	0	-27	243
1610	41 13.0	50 24.1	4059	50902	-122	0	-32	247
1620	41 12.1	50 24.2	4122	50850	-168	0	-35	248
1640	41 12.0	50 24.5	4142	*	*	*	*	*
1650	41 14.3	50 24.4	3957	*	*	0	-35	0

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.→	M.A.	EOTVOS	F.A.	B.A.
1700	41 16.5	50 24.4	3944	*	*	0	-22	249
1710	41 18.7	50 24.4	3624	*	*	-2	-11	238
205J	41 22.5	50 23.5	*	51394	311	-33	0	*
2100	41 20.7	50 24.8	3474	51547	469	*	*	*
2110	41 18.8	50 26.1	3648	51510	438	*	*	*
2120	41 16.9	50 27.4	3957	51347	281	-32	-27	245
2130	41 15.0	50 28.7	4257	51139	80	-32	-41	251
2140	41 13.2	50 30.1	4301	51000	-52	-32	-35	260
2150	41 11.3	50 31.4	4230	50914	-132	-32	-42	248
2200	41 9.4	50 32.7	4261	50794	-246	-32	-46	246
2210	41 7.5	50 34.0	4277	50695	-338	-32	-51	243
2220	41 5.6	50 35.3	4292	50657	-370	-32	-51	244
2230	41 3.7	50 36.6	4297	50619	-402	-32	-49	246
2240	41 1.8	50 37.9	4341	50538	-477	-32	-46	252
2250	40 59.9	50 39.2	4312	50521	-487	-32	-43	253
2300	40 58.1	50 40.6	4323	50594	-408	-33	-41	256
2310	40 56.2	50 41.9	4369	50701	-295	-33	-39	261
2320	40 54.3	50 43.2	4339	50702	-287	-33	-36	262
2330	40 52.4	50 44.5	4220	50650	-333	*	*	*
2340	40 50.5	50 45.8	4134	50572	-404	*	*	*
2350	40 48.5	50 47.1	4111	50495	-474	*	*	*

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TIME	LATITUDE		LONGITUDE		BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	40	46.6	50	48.4	4070	50454	-509	-41	-25	254
0010	40	44.7	50	50.0	4041	50409	-549	-41	-15	262
0020	40	42.8	50	51.7	3997	50328	-625	-41	-12	262
0030	40	40.9	50	53.3	3961	50291	-657	*	*	*
0040	40	39.0	50	55.0	3917	50349	-594	-42	-8	261
0050	40	37.1	50	56.6	3902	50494	-444	-42	0	268
0100	40	35.2	50	58.3	3723	50850	-83	*	*	*
0110	40	33.4	51	.3	3840	51104	173	*	*	*
0120	40	31.6	51	2.3	4244	50961	33	*	*	*
0130	40	29.8	51	4.3	4361	50815	-110	*	*	*
0140	40	28.1	51	6.5	4211	50753	-171	-55	-14	275
0150	40	26.5	51	8.6	4109	50693	-230	-55	-12	270
0200	40	24.8	51	10.8	4114	50576	-346	-55	-10	272
0210	40	23.1	51	13.0	4001	50421	-499	-55	-9	266
0220	40	21.4	51	15.2	3957	50306	-613	-55	-6	266
0230	40	20.1	51	17.5	3902	50185	-737	*	*	*
0240	40	20.3	51	20.5	4220	50160	-777	*	*	*
0250	40	20.5	51	23.5	4294	50281	-672	*	*	*
0300	40	20.8	51	26.6	4184	50424	-545	*	*	*
0610	40	20.8	51	34.0	3672	*	*	*	*	*
0620	40	21.5	51	37.2	3728	51006	-17	*	*	*
0630	40	22.2	51	40.3	3836	50936	-106	*	*	*
0640	40	22.8	51	43.5	4312	50769	-293	*	*	*
0650	40	23.5	51	46.6	5047	50661	-420	*	*	*
0700	40	24.2	51	49.8	5025	50689	-411	*	*	*
0710	40	24.9	51	52.8	5034	50756	-363	*	*	*
0720	40	25.6	51	55.9	5047	50821	-317	-78	-33	314
0730	40	26.3	51	58.9	5056	50840	-317	-78	-32	315
0740	40	27.1	52	1.9	5056	50860	-316	-78	-31	316
0750	40	27.8	52	4.9	5071	50917	-278	*	*	*
0800	40	28.5	52	8.0	5054	50933	-281	-77	-32	315
0810	40	29.2	52	11.0	5045	50943	-290	-77	-31	315
0820	40	29.9	52	14.0	5040	50994	-258	-77	-31	315
0830	40	30.6	52	17.0	5038	51097	-174	-77	-31	315
0840	40	31.3	52	20.1	5038	51147	-143	-77	-30	316
0850	40	32.0	52	23.1	5042	51175	-134	-77	-31	315
0900	40	32.8	52	26.1	5036	51129	-199	-77	-32	314
0910	40	33.5	52	29.1	5031	51057	-290	-77	-33	312
0920	40	34.2	52	32.2	5029	51048	-318	-77	-34	311
0930	40	34.9	52	35.2	5023	51038	-347	*	*	*
0940	40	35.4	52	38.0	5020	51009	-393	-71	-25	320
0950	40	36.0	52	40.8	5018	51041	-378	-71	-24	321
1000	40	36.6	52	43.6	5012	51098	-337	-71	-23	321
1010	40	37.1	52	46.4	5005	51121	-331	-71	-22	322
1020	40	37.6	52	49.2	5003	51162	-307	-71	-23	321
1030	40	38.2	52	52.0	4992	51237	-249	*	*	*
1040	40	39.0	52	54.9	4987	51303	-202	-74	-26	316
1050	40	39.9	52	57.8	4985	51322	-202	-73	-24	318
1100	40	40.7	53	.7	4974	51335	-208	-73	-23	319
1110	40	41.6	53	3.6	4967	51362	-200	-73	-19	322

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1120	40 42.4	53 6.4	4957	51396	-186	-73	-16	324
1130	40 43.3	53 9.3	4952	51404	-197	-73	-12	328
114J	4J 44.1	53 12.2	4943	51383	-237	-73	-11	328
1150	40 45.0	53 15.1	4937	51360	-279	-73	-12	327
1200	40 45.8	53 18.0	4930	51339	-319	*	*	*
1210	40 46.5	53 21.9	4928	51335	-342	-74	-19	319
1220	40 47.3	53 23.9	4919	51340	-355	-74	-22	316
1230	40 48.0	53 26.8	4930	51351	-363	-74	-22	316
1240	40 48.8	53 29.7	4937	51388	-344	-74	-20	319
125J	4J 49.5	53 32.6	4934	51416	-335	-74	-16	323
1300	40 50.2	53 35.6	4908	51490	-280	-74	-12	325
1310	40 51.0	53 38.5	4904	51593	-195	-74	-11	326
1320	40 51.7	53 41.4	4919	51632	-175	-74	-10	328
133J	40 52.5	53 44.3	4934	51605	-220	*	*	*
1340	40 53.2	53 47.2	4901	51617	-226	-73	-11	326
1350	40 53.9	53 50.1	4899	51582	-279	-73	-11	325
1400	40 54.6	53 53.0	4897	51557	-323	-73	-13	323
1410	40 55.3	53 55.8	4882	51624	-274	-73	-11	324
1420	40 56.0	53 58.7	4868	51728	-188	-73	-12	322
1430	40 56.7	54 1.6	4860	51807	-127	*	*	*
144J	4J 57.4	54 4.5	4860	51830	-122	-72	-10	324
1450	40 58.1	54 7.3	4860	51748	-222	-72	-12	322
1500	40 58.8	54 10.2	4853	51693	-295	*	*	*
1510	40 59.6	54 13.2	4851	51767	-24J	-76	-19	314
1520	41 .5	54 16.2	4853	51875	-152	-76	-20	313
1530	41 1.3	54 19.2	4853	51931	-115	*	*	*
1540	41 2.1	54 22.2	4846	51956	-109	-75	-21	312
1550	41 3.0	54 25.2	4822	51957	-128	-75	-21	310
1600	41 3.8	54 28.2	4820	51937	-167	-75	-20	311
1610	41 4.6	54 31.2	4824	51908	-216	-75	-21	310
1620	41 5.5	54 34.2	4822	51887	-256	-75	-21	310
163J	41 6.3	54 37.2	4822	51873	-289	-75	-20	311
1640	41 7.1	54 40.2	4820	51828	-354	-75	-19	312
1650	41 8.0	54 43.1	4813	51790	-411	-75	-17	313
1700	41 8.8	54 46.1	4804	51825	-395	-75	-17	313
171J	41 9.6	54 49.1	4796	51907	-333	-75	-17	312
1720	41 10.5	54 52.1	4784	52013	-246	-75	-19	309
1730	41 11.3	54 55.1	4767	52081	-197	-75	-21	306
1740	41 12.1	54 58.1	4754	521J5	-193	-75	-24	3J2
1750	41 13.0	55 1.1	4736	52098	-219	-75	-24	301
1800	41 13.8	55 4.1	4721	52078	-258	*	*	*
1810	41 14.7	55 7.0	4705	52069	-287	-74	-26	297
1820	41 15.5	55 10.0	4687	52086	-289	-74	-25	297
1830	41 16.4	55 12.9	4678	52131	-263	-74	-24	297
1840	41 17.3	55 15.9	4661	52180	-233	-74	-23	297
1850	41 18.1	55 18.9	4646	52215	-218	-74	-23	296
19JJ	41 19.0	55 21.8	4623	52242	-210	*	*	*
1910	41 19.7	55 24.5	4621	52255	-214	-68	-16	301
1920	41 20.5	55 27.3	4610	52255	-232	-68	-16	300
1930	41 21.2	55 30.0	4604	52265	-239	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1940	41 21.5	55 32.9	4621	52290	-229	-71	-20	297
1950	41 21.9	55 35.7	4637	52329	-206	-71	-22	296
2J4J	41 22.2	55 38.6	4648	52373	-177	*	*	*
2010	41 22.5	55 41.4	4676	52401	-164	-69	-24	297
2020	41 22.8	55 44.1	4690	52414	-166	-69	-25	297
2030	41 23.1	55 46.9	4709	52423	-172	*	*	*
2J4J	41 23.3	55 49.8	4731	52423	-187	-73	-29	296
2050	41 23.5	55 52.8	4749	52418	-206	-73	-27	299
2100	41 23.7	55 55.7	4769	52430	-209	-73	-28	299
2110	41 23.9	55 58.6	4769	5246J	-194	-73	-29	298
2120	41 24.1	56 1.6	4776	52491	-178	-73	-30	298
2130	41 24.3	56 4.5	4789	52512	-172	*	*	*
2140	41 24.4	56 7.6	4798	52520	-179	-77	-35	294
215J	41 24.5	56 1J.7	48J7	52531	-183	-77	-35	295
2200	41 24.6	56 13.8	4818	52542	-187	-77	-35	296
2210	41 24.7	56 16.8	4828	52557	-187	-77	-33	298
2220	41 24.8	56 19.9	4831	52575	-184	-77	-33	299
223J	41 24.9	56 23.J	4839	52597	-177	*	*	*
2240	41 25.0	56 26.1	4840	52621	-168	-78	-33	299
2250	41 25.1	56 29.3	4846	52637	-167	-78	-32	301
2300	41 25.3	56 32.4	4849	52648	-172	-78	-32	3J1
2310	41 25.4	56 35.5	4851	52657	-178	-78	-32	301
2320	41 25.5	56 38.7	4857	52665	-185	-78	-33	300
2330	41 25.6	56 41.8	4859	52678	-187	-78	-35	299
2340	41 25.8	56 44.9	4857	52698	-183	*	*	*
2350	41 25.9	56 48.1	4864	52714	-182	-78	-36	298

HUDSON 72-021 DAY 212 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	41 26.0	56 50.9	4864	52728	-182	*	*	*
0010	41 26.2	56 54.0	4879	52749	-176	-76	-37	298
0020	41 26.3	56 57.0	4886	52773	-167	-76	-37	298
0030	41 26.5	57 .0	4893	52793	-162	-76	-35	301
0040	41 26.7	57 3.1	4897	52806	-164	-76	-35	301
0050	41 26.8	57 6.2	4860	52818	-167	-76	-35	299
0100	41 27.0	57 9.2	4853	52833	-167	*	*	*
0110	41 27.1	57 12.4	4853	52847	-169	-80	-37	296
0120	41 27.2	57 15.6	4849	52851	-180	-80	-36	297
0130	41 27.3	57 18.8	4846	52857	-189	-80	-35	298
0140	41 27.4	57 22.0	4849	52877	-185	-80	-34	299
0150	41 27.5	57 25.2	4833	52894	-183	-80	-34	298
0200	41 27.6	57 28.5	4828	52912	-181	-80	-34	297
0210	41 27.7	57 31.7	4826	52941	-167	-80	-34	297
0220	41 27.8	57 34.9	4818	52971	-153	-80	-34	297
0230	41 27.9	57 38.1	4813	52973	-166	-80	-35	295
0240	41 28.0	57 41.4	4815	52964	-190	-80	-37	294
0250	41 28.1	57 44.6	4831	52975	-195	-80	-38	294
0300	41 28.2	57 47.8	4806	52992	-193	*	*	*
0310	41 28.4	57 51.1	4809	53010	-192	-83	-42	288
0320	41 28.6	57 54.5	*	53028	-190	-83	-42	*
0330	41 28.8	57 57.8	*	53043	-192	0	0	*
0340	41 30.2	58 .5	*	53062	-194	-67	0	*
0350	41 31.7	58 3.2	4809	53084	-193	-67	-38	292
0400	41 33.1	58 5.9	4787	53106	-193	-67	-37	292
0410	41 34.5	58 8.6	4782	53128	-192	-67	-38	290
0420	41 36.0	58 11.4	4784	53162	-179	-67	-37	291
0430	41 37.4	58 14.1	4782	53210	-153	-67	-37	291
0440	41 38.9	58 16.8	4776	53238	-146	-67	-35	293
0450	41 40.3	58 19.5	4769	53234	-171	-67	-35	292
0500	41 41.7	58 22.2	4765	53235	-191	-67	-35	292
0510	41 43.2	58 25.0	4749	53262	-186	-67	-35	291
0520	41 44.6	58 27.7	4751	53303	-166	-67	-37	289
0530	41 46.1	58 30.4	4736	53342	-148	-67	-37	288
0540	41 47.5	58 33.2	4721	53363	-148	-67	-39	285
0550	41 49.0	58 35.9	4707	53371	-162	-67	-42	281
0600	41 50.4	58 38.6	4700	53385	-169	*	*	*
0610	41 51.8	58 41.4	4692	53411	-164	-69	-45	277
0620	41 53.3	58 44.2	4674	53429	-168	-69	-46	275
0630	41 54.7	58 47.0	4670	53440	-178	-69	-45	276
0640	41 56.1	58 49.8	4659	53455	-184	-69	-48	272
0650	41 57.6	58 52.7	4645	53466	-195	-69	-47	272
0700	41 59.0	58 55.5	4603	53475	-207	-68	-49	267
0710	42 .4	58 58.3	4572	53494	-210	-68	-50	264
0720	42 1.9	59 1.1	4582	53517	-208	-68	-51	264
0730	42 3.3	59 3.9	4582	53544	-202	*	*	*
0740	42 4.7	59 6.7	4564	53571	-196	-69	-55	258
0750	42 6.1	59 9.6	4550	53600	-189	-69	-58	254
0800	42 7.5	59 12.4	4546	53627	-183	-69	-59	253
0810	42 8.9	59 15.2	4524	53655	-176	-69	-60	251

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HUDSON 72-021 DAY 212 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	42 10.3	59 18.1	4517	53676	-176	-69	-60	250
0830	42 11.7	59 20.9	4465	53698	-175	*	*	*
0840	42 13.1	59 23.7	4440	53725	-169	-68	-59	246
0850	42 14.5	59 26.5	4407	53749	-166	-68	-61	242
0900	42 15.9	59 29.4	4400	53770	-166	-68	-59	243
0910	42 17.2	59 32.2	4376	53791	-165	-68	-57	243
0920	42 18.6	59 35.0	4328	53813	-164	-68	-58	239
0930	42 20.0	59 37.8	4315	53832	-166	-68	-71	225

HUDSON 72-J21 DAY 213 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0320	42 20.9	59 29.6	4306	53803	-164	*	*	*
0330	42 20.4	59 31.8	4283	53813	-161	*	*	*
J34J	42 20.0	59 34.0	4295	53819	-162	*	*	*
0350	42 19.4	59 36.2	4317	53824	-163	-53	-57	239
0400	42 18.8	59 38.4	4350	53828	-166	*	*	*
0410	42 18.2	59 40.7	4286	53831	-169	-54	-56	238
0420	42 17.7	59 42.9	4272	53835	-172	-54	-55	238
0430	42 17.1	59 45.2	4244	53842	-172	-54	-54	237
0440	42 16.5	59 47.4	4228	53849	-171	*	*	*
0450	42 15.9	59 49.6	4206	53855	-172	-53	-51	238
0500	42 15.3	59 51.8	4198	53859	-174	-53	-52	236
0510	42 14.8	59 54.0	4191	53864	-175	-53	-51	237
0520	42 14.2	59 56.2	4187	53870	-176	*	*	*
0530	42 13.6	59 58.5	4166	53879	-173	-55	-51	235
0540	42 13.0	60 .7	4162	53888	-171	-55	-49	237
J550	42 12.4	60 3.0	4147	53898	-167	-55	-48	237
0600	42 11.8	60 5.2	4145	53904	-168	*	*	*
0610	42 11.2	60 7.4	4142	53910	-168	-53	-46	238
0620	42 10.6	60 9.6	4136	53915	-169	-53	-46	238
J630	42 10.0	60 11.8	4129	53921	-169	-53	-45	238
0640	42 9.4	60 14.0	4123	53927	-169	-53	-44	239
0650	42 8.7	60 16.2	4111	53933	-169	-53	-43	239
J700	42 8.0	60 18.4	4074	53940	-168	*	*	*
0710	42 7.4	60 20.6	4059	53947	-167	-54	-41	238
0720	42 6.8	60 22.8	4074	53955	-165	*	*	*
0730	42 6.3	60 24.9	4114	53962	-164	*	*	*
1J20	42 6.7	60 21.9	4067	*	*	*	*	*
1040	42 7.9	60 17.6	4089	*	*	*	*	*
1100	42 9.1	60 13.3	4131	*	*	*	*	*
1110	42 9.7	60 11.1	4138	*	*	53	-42	242
1120	42 10.3	60 9.0	4140	*	*	53	-43	241
1130	42 11.0	60 6.9	4151	*	*	53	-44	241
1140	42 11.6	60 4.7	4166	*	*	53	-46	240
1150	42 12.1	60 2.6	4156	*	*	53	-46	239
1200	42 12.6	60 .4	4166	*	*	*	*	*
1210	42 13.2	59 58.3	4176	*	*	52	-48	239
1220	42 13.8	59 56.2	4197	*	*	52	-47	241
1230	42 14.4	59 54.1	4198	*	*	52	-51	237
1240	42 15.0	59 52.0	4202	*	*	*	*	*
1250	42 15.6	59 49.9	4200	*	*	50	-54	234
1300	42 16.3	59 47.9	4224	*	*	*	*	*
1310	42 16.9	59 45.8	4239	*	*	52	-53	238
1320	42 17.5	59 43.7	4273	*	*	*	*	*
1330	42 18.2	59 41.7	4272	*	*	49	-57	236
1340	42 18.8	59 39.7	4312	*	*	*	*	*
1350	42 18.9	59 36.8	4323	*	*	*	*	*
1400	42 19.1	59 33.9	4314	*	*	*	*	*
1820	42 20.7	59 33.9	4292	53850	-135	*	*	*
1830	42 20.4	59 34.9	4297	53855	-133	*	*	*
1840	42 20.1	59 36.0	4304	53862	-129	-25	-65	230

HUDSON 72-021 DAY 213 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
1850	42 19.8	59 37.0	4314	53864	-129	-25	-65	231
1900	42 19.5	59 38.1	4341	53863	-133	*	*	*
1910	42 19.2	59 39.3	4345	53865	-135	-28	-67	231
1920	42 18.9	59 40.4	*	53871	-132	0	0	*
1930	42 18.6	59 41.5	*	53870	-136	-26	-63	*
1940	42 18.3	59 42.6	*	53864	-145	0	0	*
1950	42 18.0	59 43.7	*	53859	-154	-25	-56	*
2000	42 17.8	59 44.7	4250	53857	-159	*	*	*
2010	42 17.5	59 45.7	4237	53852	-167	-24	-53	238
2020	42 17.2	59 46.7	4226	53856	-165	-24	-53	237
2030	42 16.8	59 47.7	4219	53858	-166	-24	-52	238
2040	42 16.5	59 48.7	4209	53852	-174	*	*	*
2050	42 16.2	59 49.8	4202	53856	-173	-25	-52	236
2100	42 15.8	59 50.8	4204	53860	-171	*	*	*
2110	42 15.4	59 51.7	4200	53864	-169	-23	-52	236
2120	42 15.0	59 52.7	4204	53863	-172	*	*	*
2130	42 14.6	59 53.6	4200	53866	-171	-22	-49	239
2140	42 14.2	59 54.5	4198	53871	-167	*	*	*
2150	42 13.8	59 55.5	4200	53874	-167	-25	-51	237
2200	42 13.5	59 56.6	4189	53875	-168	*	*	*
2210	42 13.1	59 57.6	4187	53876	-169	-24	-50	237
2220	42 12.7	59 58.6	4187	53881	-167	-24	-49	238
2230	42 12.3	59 59.6	4175	53877	-173	-24	-48	239
2240	42 11.9	60 .6	4173	53883	-169	-24	-48	238
2250	42 11.5	60 1.6	4162	53885	-169	-24	-47	239
2300	42 11.2	60 2.6	4173	53887	-169	*	*	*
2310	42 10.8	60 3.7	4176	53890	-169	-27	-49	238
2320	42 10.5	60 4.8	4176	53895	-167	*	*	*
2330	42 10.2	60 5.9	4167	53902	-163	-25	-46	240
2340	42 10.0	60 6.9	4164	53906	-162	*	*	*
2350	42 9.7	60 8.0	4160	53913	-159	-28	-44	242

HUDSON 72-021 DAY 214 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	42 9.5	60 9.2	4162	*	*	*	*	*
0010	42 9.3	60 10.5	4147	53924	-156	-30	-45	240
0020	42 9.1	60 11.7	4140	53928	-156	*	*	*
0030	42 8.9	60 12.9	4133	53933	-155	-28	-43	241
0040	42 8.7	60 14.0	4131	53935	-157	*	*	*
0050	42 8.4	60 15.3	4122	53937	-159	-30	-44	239
0100	42 8.2	60 16.5	4111	53934	-166	*	*	*
0110	42 7.9	60 17.7	4089	53938	-166	-28	-39	242
0120	42 7.7	60 18.8	4074	53939	-169	-28	-40	240
0130	42 7.3	60 19.9	4063	53938	-173	-28	-40	239
0140	42 7.0	60 21.1	4065	53940	-174	-28	-40	239
0340	42 2.6	60 19.4	4198	*	*	*	*	*
0350	42 4.2	60 20.9	4155	53882	-214	*	*	*
0400	42 5.8	60 22.3	4107	53897	-215	*	*	*
0410	42 7.3	60 24.3	4059	53929	-201	-50	-38	241
0420	42 8.9	60 26.4	4021	53957	-191	*	*	*
0430	42 10.4	60 28.5	3975	53987	-180	-52	-41	232
0440	42 12.0	60 30.7	3950	54022	-164	-52	-43	228
0450	42 13.5	60 32.9	3880	54078	-126	*	*	*
0500	42 15.0	60 35.0	3858	54154	-69	*	*	*
0510	42 16.3	60 37.0	3864	54222	-17	-49	-56	209
0520	42 17.6	60 39.1	3928	54257	0	*	*	*
0530	42 18.2	60 40.1	3803	54259	-4	*	*	*
0540	42 18.7	60 41.0	3752	54255	-16	*	*	*
0820	42 18.4	60 40.5	3780	54279	11	11	-59	200
0830	42 19.1	60 40.1	3789	54277	7	11	-59	201
0840	42 19.8	60 39.6	3811	54276	4	*	*	*
0850	42 20.5	60 39.2	3844	54271	-3	9	-60	204
0900	42 21.3	60 38.8	3851	54263	-13	9	-59	205
0910	42 22.0	60 38.4	3796	54254	-25	9	-62	199
0920	42 22.8	60 38.0	3738	54246	-36	*	*	*
0930	42 23.6	60 37.7	3677	54241	-44	8	-62	190
0940	42 24.4	60 37.3	3610	54235	-53	*	*	*
0950	42 24.7	60 36.4	3567	54233	-53	*	*	*
1000	42 25.1	60 35.5	3529	54234	-50	*	*	*
1010	42 25.3	60 34.5	3482	54233	-48	25	-61	178
1020	42 25.6	60 33.4	3505	54231	-47	*	*	*
1040	42 26.1	60 31.4	3547	*	*	*	*	*
1100	42 26.7	60 29.0	3551	*	*	*	*	*
1120	42 27.3	60 26.8	3524	*	*	*	*	*
1140	42 28.0	60 24.5	3496	*	*	*	*	*
1200	42 28.6	60 22.0	3569	*	*	*	*	*
1220	42 29.3	60 19.7	3602	*	*	*	*	*
1240	42 30.0	60 17.3	3679	*	*	*	*	*
1300	42 30.6	60 14.9	3851	*	*	*	*	*
1320	42 31.2	60 12.7	3752	*	*	*	*	*
1340	42 31.9	60 10.3	3730	*	*	*	*	*
1400	42 32.6	60 8.0	3701	*	*	*	*	*
1420	42 33.2	60 5.8	3650	*	*	*	*	*
1440	42 33.8	60 3.5	3686	*	*	*	*	*

HUDSON 72-021 DAY 214 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
1500	42 34.4	60 1.2	3732	*	*	*	*	*
154J	42 35.8	59 56.6	3904	*	*	*	*	*
1600	42 36.4	59 54.2	3922	54098	-69	*	*	*
1610	42 36.7	59 53.0	3924	53994	-170	30	-49	220
162J	42 37.1	59 51.7	3911	5399J	-17J	*	*	*
1630	42 37.3	59 50.4	3902	53987	-169	31	-50	218
1640	42 37.6	59 49.1	3900	53986	-166	31	-50	218
1650	42 37.8	59 47.8	3895	53984	-163	31	-49	218
1700	42 38.0	59 46.5	3893	53986	-156	*	*	*
1710	42 37.2	59 46.2	3909	53983	-154	*	*	*
1720	42 36.5	59 46.0	3930	53979	-152	*	*	*
1730	42 35.7	59 45.9	3944	53974	-152	*	*	*
1740	42 34.9	59 45.7	3972	53972	-149	3	-51	222
1820	42 32.8	59 45.3	4030	53958	-149	*	*	*
1830	42 34.9	59 44.4	3953	53964	-151	*	*	*
184J	42 37.0	59 43.4	3893	53970	-153	*	*	*
1850	42 39.0	59 42.3	3882	53979	-150	27	-51	215
1900	42 40.9	59 41.2	3869	53985	-150	*	*	*
1910	42 42.9	59 4J.1	3889	53994	-148	28	-5J	217
1920	42 44.8	59 38.9	3840	54007	-141	*	*	*
1930	42 46.8	59 38.0	3646	54009	-146	23	-46	204
1940	42 48.7	59 37.0	3478	54013	-149	*	*	*
195J	42 5J.7	59 36.1	354J	54J17	-152	22	-43	200
2000	42 52.7	59 35.2	3478	54022	-155	*	*	*
2010	42 54.6	59 34.2	3335	54032	-152	23	-41	188
2020	42 56.6	59 33.3	3269	54J42	-149	*	*	*
2030	42 58.7	59 32.4	3189	54051	-148	22	-38	181
2040	43 .8	59 31.5	3160	54057	-149	22	-38	179
2050	43 2.9	59 30.6	3028	54066	-148	22	-37	171
21JJ	43 5.J	59 29.7	2958	54J68	-154	*	*	*
2110	43 7.0	59 28.8	3054	54086	-144	*	*	*
2120	43 9.1	59 27.8	3169	54100	-137	*	*	*
2130	43 11.0	59 26.7	3119	54113	-130	25	-37	177
214J	43 12.9	59 25.7	2754	54128	-121	*	*	*
2150	43 14.2	59 24.9	2545	54137	-116	*	*	*
2200	43 15.6	59 24.1	2329	54147	-110	*	*	*
2210	43 17.1	59 23.0	2351	54154	-107	*	*	*
2220	43 18.7	59 21.9	2326	54164	-101	*	*	*
2230	43 20.6	59 20.5	2331	54178	-91	*	*	*
224J	43 22.5	59 19.1	2468	54194	-79	*	*	*
2250	43 24.4	59 18.0	2269	54213	-66	26	-13	143
2300	43 26.3	59 16.9	2249	54231	-54	*	*	*

HUDSON 72-021 DAY 215 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0400	43 27.3	59 23.7	1673	54295	-26	*	*	*
0410	43 26.7	59 26.3	2066	54291	-37	*	*	*
0420	43 26.0	59 28.8	1810	54290	-46	-59	1	125
0430	43 25.3	59 31.3	1872	54288	-56	-59	1	129
0440	43 24.7	59 33.9	2011	54286	-66	*	*	*
0450	43 24.0	59 36.4	2136	54283	-76	-58	-3	143
0500	43 23.4	59 38.9	2201	54276	-91	-58	-5	146
0510	43 22.8	59 41.4	2136	54263	-111	-58	-3	143
0520	43 22.1	59 43.9	2112	54254	-127	*	*	*
0530	43 21.5	59 46.3	1858	54243	-146	-56	0	127
0540	43 20.9	59 48.7	2033	54235	-161	*	*	*
0550	43 20.2	59 51.0	2042	54230	-173	-55	1	141
0600	43 19.6	59 53.4	1565	*	*	*	*	*
0610	43 18.8	59 56.1	1693	54241	-176	*	*	*
0620	43 17.9	59 58.8	1647	54261	-163	*	*	*
0630	43 17.0	60 1.0	1583	54289	-142	-66	14	122
0640	43 16.1	60 4.4	1605	54319	-119	-66	11	121
0650	43 15.1	60 7.2	1642	54350	-96	-66	14	126
0700	43 14.2	60 10.0	1271	54386	-67	-66	22	109
0710	43 13.3	60 12.8	1415	54419	-41	-66	18	115
0720	43 12.4	60 15.6	1858	54456	-11	*	*	*
0730	43 11.7	60 18.5	1993	54489	12	-67	-1	136
0740	43 10.9	60 21.3	2143	54512	27	-67	-9	138
0750	43 10.1	60 24.1	1894	54524	31	-67	-9	121
0800	43 9.3	60 27.0	2097	54523	22	-67	-11	133
0810	43 8.6	60 29.8	1697	54512	2	-67	-7	109
0820	43 7.8	60 32.7	1859	54495	-22	*	*	*
0830	43 7.2	60 35.6	1982	54479	-47	-68	-14	122
0840	43 6.6	60 38.5	1675	54459	-77	*	*	*
0850	43 6.0	60 41.3	1499	54431	-113	-65	-2	101
0900	43 5.3	60 44.0	1448	54399	-153	*	*	*
0910	43 4.6	60 46.8	1548	54375	-186	-66	-12	94
0920	43 4.0	60 49.6	1675	54361	-209	-66	-14	101
0930	43 3.3	60 52.4	1755	54355	-223	*	*	*
0940	43 2.5	60 55.2	1499	54359	-227	*	*	*
0950	43 1.7	60 57.9	1503	54366	-227	-65	-13	90
1000	43 .9	61 .7	1616	54379	-222	*	*	*
1010	43 .1	61 3.3	2011	54392	-216	-63	-32	106
1020	42 59.3	61 6.0	1843	54404	-211	-63	-35	91
1030	42 58.6	61 8.7	1733	54413	-209	-63	-33	86
1040	42 57.9	61 11.3	2090	54423	-207	-63	-37	106
1050	42 57.3	61 13.9	1865	54440	-198	-63	-35	93
1100	42 56.6	61 16.6	1960	54459	-187	*	*	*
1110	42 56.0	61 19.2	1850	54477	-177	*	*	*
1120	42 55.4	61 21.9	1565	*	*	*	*	*
1150	42 56.5	61 14.4	2017	*	*	*	*	*
1800	42 57.0	61 12.8	1858	*	*	*	*	*
1810	42 57.9	61 10.2	2011	*	*	64	-34	104
1820	42 58.9	61 7.5	1638	*	*	*	*	*
1830	42 59.7	61 4.8	2304	*	*	*	*	*

HUDSON 72-021 DAY 215 1972

TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	ECTVOS	F.A.	B.A.
184J	43 .4	61 2.J	1715	*	*	66	-26	91
1850	43 1.1	60 59.2	1598	*	*	66	-16	93
1900	43 1.8	60 56.5	1554	*	*	66	-11	95
1910	43 2.7	6J 53.7	1865	*	*	66	-15	113
1920	43 3.5	60 51.0	1609	*	*	66	-12	98
1930	43 4.4	60 48.3	1942	*	*	66	-14	119
1940	43 5.3	60 45.5	1514	*	*	66	-6	98
195J	43 6.1	60 42.8	1344	*	*	66	-1	91
2000	43 6.9	60 40.0	1503	*	*	*	*	*
2010	43 7.6	60 37.2	1843	*	*	67	-7	119
2020	43 8.4	60 34.4	1598	*	*	*	*	*
2030	43 9.2	60 31.7	1691	*	*	65	-3	113
2040	43 10.0	60 29.0	1777	*	*	65	-5	117
2050	43 10.8	60 26.3	2163	*	*	65	-9	139
21J0	43 11.6	6J 23.6	1843	*	*	*	*	*
2110	43 12.3	60 20.8	2125	*	*	*	*	*
2120	43 13.0	60 18.0	1768	*	*	*	*	*
2130	43 13.7	6J 15.2	1817	*	*	68	11	135
2140	43 14.3	60 12.3	1404	*	*	*	*	*
2150	43 15.0	60 9.6	1276	*	*	66	25	112
2200	43 15.6	60 6.8	1675	*	*	66	16	131
2210	43 16.3	60 4.0	1598	*	*	66	15	124
2220	43 17.0	60 1.3	1583	*	*	66	17	125
2230	43 17.7	59 58.5	1662	*	*	66	15	129
224J	43 18.4	59 55.8	17J4	*	*	*	*	*
2250	43 19.0	59 53.1	1653	*	*	64	8	121
2300	43 19.7	59 50.4	2114	*	*	*	*	*
2310	43 20.5	59 47.7	2119	*	*	64	1	146
2320	43 21.4	59 45.0	1898	*	*	64	1	131
2330	43 22.2	59 42.3	2245	*	*	64	-1	153
2340	43 22.9	59 39.6	2227	*	*	*	*	*
235J	43 23.6	59 36.8	2194	*	*	67	0	150

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
J000	43 24.3	59 34.0	2018	*	*	*	*	*
0010	43 25.0	59 31.2	1872	*	*	*	*	*
0020	43 25.7	59 28.4	1845	*	*	*	*	*
0030	43 26.4	59 25.7	2176	*	*	*	*	*
0040	43 26.3	59 23.9	1741	*	*	*	*	*
0200	43 17.5	59 26.6	2602	*	*	*	*	*
0210	43 18.8	59 25.8	2501	*	*	*	*	*
J22J	43 21.0	59 25.1	2362	*	*	*	*	*
0230	43 21.9	59 24.3	2037	*	*	20	-7	133
0240	43 23.9	59 23.4	1858	*	*	*	*	*
0250	43 25.9	59 22.6	1805	*	*	*	*	*
J30J	43 25.4	59 24.8	1856	*	*	*	*	*
0310	43 24.6	59 27.6	2070	*	*	*	*	*
0320	43 23.7	59 30.5	1828	*	*	*	*	*
J33J	43 22.9	59 33.3	2086	*	*	*	*	*
0340	43 22.1	59 36.2	2300	*	*	-68	-11	147
0350	43 21.3	59 39.1	2267	*	*	-68	-11	144
0400	43 20.4	59 42.0	2139	*	*	-68	-10	137
J41J	43 19.6	59 44.9	2340	*	*	-68	-8	152
0420	43 18.8	59 47.8	2271	*	*	*	*	*
0430	43 18.1	59 50.6	1766	*	*	-67	0	121
J440	43 17.4	59 53.5	1773	*	*	-67	4	125
J450	43 16.8	59 56.3	1709	*	*	-67	7	124
0500	43 16.1	59 59.2	1655	*	*	-67	10	123
J510	43 15.4	60 2.0	1609	*	*	-67	10	120
J52J	43 14.7	60 4.9	1682	*	*	-67	9	124
0530	43 14.1	60 7.7	1613	*	*	-67	15	125
J540	43 13.4	60 10.5	1347	*	*	-67	22	114
0550	43 12.7	60 13.4	1472	*	*	-67	17	118
0600	43 12.0	60 16.2	1945	*	*	-67	4	137
J610	43 11.4	60 19.1	2018	*	*	-67	-4	134
J620	43 10.7	60 21.9	2097	*	*	-67	-10	134
J63J	43 10.0	60 24.8	2011	*	*	-67	-12	126
0640	43 9.3	60 27.6	2077	*	*	-67	-10	132
J650	43 8.7	60 30.5	1686	*	*	-67	-5	110
J700	43 8.0	60 33.3	1682	*	*	*	*	*
J72J	43 5.0	60 33.0	2264	*	*	*	*	*
0730	43 3.5	60 32.9	2351	*	*	*	*	*
0740	43 3.1	60 34.9	2011	*	*	*	*	*
J75J	43 2.9	60 37.3	1715	*	*	*	*	*
0800	43 2.7	60 39.6	1744	*	*	*	*	*
J810	43 2.6	60 42.8	1704	*	*	-70	-10	107
J820	43 2.6	60 45.7	1711	*	*	-70	-16	101
J83J	43 2.5	60 48.7	1759	*	*	*	*	*
J840	43 2.4	60 51.7	1806	*	*	-71	-19	105
0850	43 2.4	60 54.7	1539	*	*	-71	-16	89
0900	43 2.3	60 57.7	1463	*	*	*	*	*
J910	43 1.5	61 .6	1583	*	*	*	*	*
J920	43 .7	61 3.4	1975	*	*	*	*	*
J930	42 59.8	61 6.2	1876	*	*	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0940	42 59.0	61 9.0	1766	*	*	*	*	*
0950	42 58.3	61 11.8	1890	*	*	-67	-36	93
1000	42 57.6	61 14.7	1720	*	*	*	*	*
1010	42 56.8	61 17.5	1934	*	*	-66	-36	96
1020	42 56.0	61 20.3	1704	*	*	*	*	*
1030	42 54.1	61 19.5	1741	*	*	*	*	*
1040	42 52.2	61 18.8	1914	*	*	*	*	*
1200	42 51.5	61 16.2	2015	*	*	*	*	*
1210	42 50.7	61 16.2	2029	*	*	-1	-39	100
1220	42 49.8	61 16.3	2026	54439	-167	*	*	*
1230	42 49.4	61 17.1	2026	54432	-175	*	*	*
1240	42 49.0	61 17.8	1971	54436	-172	*	*	*
1250	42 49.6	61 18.6	1956	54442	-173	*	*	*
1300	42 50.3	61 19.3	1905	54455	-167	*	*	*
1310	42 51.3	61 19.3	1847	54457	-170	0	-33	94
1320	42 52.3	61 19.3	1872	54455	-178	*	*	*
1330	42 53.3	61 19.2	1817	54454	-184	3	-29	95
1340	42 54.3	61 19.0	1759	54454	-189	*	*	*
1350	42 55.3	61 18.9	1788	54460	-188	2	-32	90
1400	42 56.3	61 18.8	1914	54466	-188	*	*	*
1410	42 56.3	61 17.7	1923	54463	-185	*	*	*
1420	42 56.2	61 16.6	1964	54451	-192	*	*	*
1430	42 56.0	61 15.7	2020	54449	-190	*	*	*
1440	42 55.1	61 15.9	2114	54454	-180	*	*	*
1450	42 54.1	61 15.9	2055	54455	-174	-1	-42	99
1500	42 53.2	61 16.0	1986	54458	-166	*	*	*
1510	42 52.9	61 16.4	1997	54460	-164	*	*	*
1520	42 52.6	61 16.8	1969	54465	-159	*	*	*
1530	42 53.1	61 17.0	1927	54472	-156	*	*	*
1540	42 54.2	61 16.9	1944	54472	-161	*	*	*
1550	42 55.2	61 16.8	2037	54476	-162	3	-36	104
1600	42 56.2	61 16.6	2011	54480	-163	*	*	*
1610	42 56.6	61 15.5	1998	54480	-161	*	*	*
1620	42 57.0	61 14.4	1836	54476	-162	*	*	*
1630	42 57.4	61 13.2	1848	54465	-171	29	-34	93
1640	42 57.9	61 12.0	1854	54458	-175	29	-34	93
1650	42 58.3	61 10.8	2059	54452	-178	30	-35	106
1700	42 58.7	61 9.5	1819	54447	-180	*	*	*
1710	42 59.0	61 8.3	1651	54443	-180	28	-31	82
1720	42 59.4	61 7.2	1609	54439	-181	28	-31	79
1730	42 59.7	61 6.0	1909	54435	-182	28	-33	98
1740	42 59.9	61 4.8	2329	54434	-179	28	-35	125
1750	43 .2	61 3.6	2066	54428	-181	28	-33	109
1800	43 .5	61 2.4	1728	54422	-184	*	*	*
1810	43 .8	61 1.2	1613	54416	-186	29	-21	89
1820	43 1.1	61 .0	1627	54412	-187	*	*	*
1830	43 1.4	60 58.8	1527	54408	-187	27	-15	89
1840	43 1.7	60 57.7	1521	54401	-191	27	-14	90
1850	43 2.0	60 56.5	1532	54394	-195	27	-13	92
1900	43 2.3	60 55.4	1516	54389	-196	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.	
1910	43	2.6	60 54.2	17J4	54384	-198	28	-15	102
1920	43	2.9	60 53.0	1980	54381	-197	28	-18	118
1930	43	3.3	60 51.8	1631	54381	-194	28	-17	95
1940	43	3.6	60 50.6	1620	54384	-188	28	-15	96
1950	43	3.9	60 49.4	1722	54387	-181	28	-15	103
2000	43	4.2	60 48.2	1945	54387	-178	*	*	*
2010	43	4.5	60 47.1	1642	54391	-171	27	-13	99
2020	43	4.9	60 45.9	1506	54400	-159	27	-9	94
2030	43	5.2	60 44.8	1459	54407	-149	27	-6	94
2040	43	5.6	60 43.7	1463	54418	-135	27	-4	96
2050	43	6.0	60 42.6	1349	54432	-118	27	-2	90
2100	43	6.4	60 41.4	1492	54445	-102	27	-2	100
2110	43	6.8	60 40.3	1501	54455	-90	27	-3	100
2120	43	7.2	60 39.2	1527	54466	-76	27	-4	100
2130	43	7.6	60 38.1	1583	54476	-64	27	-7	101
2140	43	8.1	60 36.9	1850	54483	-54	*	*	*
2150	43	8.6	60 35.7	1660	54494	-40	28	-8	106
2200	43	9.0	60 34.5	1550	54504	-28	*	*	*
2210	43	9.4	60 33.3	1839	54511	-17	30	-5	121
2220	43	9.7	60 32.0	1642	54520	-5	30	-4	108
2230	43	10.1	60 30.8	1576	54532	10	30	-2	106
2240	43	10.5	60 29.5	1677	54540	21	30	-4	111
2250	43	10.8	60 28.2	1858	54547	32	30	-7	120
2300	43	11.2	60 27.0	2132	54557	45	*	*	*

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0000	43 11.0	60 24.3	1854	54583	84	*	*	*
0010	43 12.7	60 27.6	1847	54579	56	*	*	*
JJ2J	43 14.4	6J 31.J	115J	54548	1	-78	-3	76
0030	43 16.1	60 34.3	832	54513	-57	*	*	*
0040	43 17.6	60 37.4	618	54481	-111	*	*	*
JJ5J	43 19.1	6J 4J.5	727	54463	-151	*	*	*
0100	43 20.6	60 43.6	245	54456	-180	*	*	*
0110	43 21.8	60 46.3	131	54458	-197	-64	58	67
0120	43 23.0	60 49.1	100	54470	-203	-64	54	60
J13J	43 24.2	6J 51.8	84	545J3	-189	*	*	*
0140	43 25.4	60 54.9	80	54510	-202	-71	36	41
0150	43 26.6	60 57.9	64	54533	-199	-71	35	39
0200	43 27.8	61 1.0	62	54556	-196	*	*	*
J21J	43 29.1	61 4.J	62	54595	-177	-70	26	30
0220	43 30.4	61 7.0	58	54631	-161	-70	19	22
0230	43 31.7	61 10.0	60	54690	-122	-70	14	18
0240	43 33.0	61 13.J	6J	54731	-1J1	-69	9	13
0250	43 34.3	61 16.0	53	54810	-42	-69	3	6
0300	43 35.6	61 19.0	53	54885	11	*	*	*
0310	43 36.8	61 21.9	43	54951	58	-67	3	5
J32J	43 38.1	61 24.8	43	55JJ2	9J	-67	2	4
0330	43 39.3	61 27.7	47	55033	102	-67	4	7
0340	43 40.5	61 30.6	47	55004	54	-67	7	10
0350	43 41.8	61 33.5	47	54931	-38	-67	10	13
J4JJ	43 43.J	61 36.4	43	54756	-232	*	*	*
0410	43 44.3	61 39.2	58	54670	-337	-64	8	11
0420	43 45.5	61 42.0	65	54557	-468	-64	6	10
0430	43 46.8	61 44.8	69	54476	-568	-64	4	8
J44J	43 48.1	61 47.6	73	54302	-761	-64	0	5
0450	43 49.3	61 50.4	91	53933	-1149	-64	0	6
0500	43 50.6	61 53.2	111	54190	-910	*	*	*
0510	43 51.9	61 56.1	117	54482	-638	-67	J	8
0520	43 53.1	61 59.0	120	54746	-393	-67	-1	7
0530	43 54.4	62 1.9	126	54770	-388	-67	0	8
0540	43 55.7	62 4.8	120	54620	-557	-67	2	10
J55J	43 56.9	62 7.8	118	54417	-779	-67	9	17
0600	43 58.2	62 10.7	120	54492	-723	*	*	*
0610	43 59.5	62 13.6	115	54684	-550	-66	3	10
0620	44 .7	62 16.5	113	54864	-389	-66	4	11
J63J	44 2.J	62 19.4	1J9	54911	-361	*	*	*
0640	44 3.3	62 22.3	151	54976	-316	-67	2	12
0650	44 4.7	62 25.3	149	54987	-324	-67	1	11
0700	44 6.0	62 28.2	149	55002	-329	*	*	*
J71J	44 6.8	62 29.8	155	55117	-224	*	*	*
0720	44 7.5	62 31.4	148	55049	-303	*	*	*
J73J	44 8.3	62 33.0	140	55042	-321	-36	-1	8
J74J	44 9.1	62 34.6	126	55159	-215	-36	-1	7
0750	44 9.8	62 36.2	157	55195	-189	-36	-6	4
0800	44 10.6	62 37.8	175	55208	-187	*	*	*
0810	44 11.2	62 39.4	193	55288	-117	-37	-18	-4

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TIME	LATITUDE	LONGITUDE	BATHY	T.F.	M.A.	EOTVOS	F.A.	B.A.
0820	44 11.7	62 41.1	206	55412	-3	-37	-23	-8
0830	44 12.3	62 42.7	219	55418	-7	-37	-26	-10
0840	44 12.9	62 44.4	226	55401	-34	-37	-32	-16
0850	44 13.5	62 46.0	219	55458	12	-37	-31	-15
0900	44 14.1	62 47.7	*	55465	10	-37	-28	*
0910	44 14.6	62 49.3	*	55476	11	-37	-25	*
0920	44 15.2	62 51.0	*	55462	-12	-37	-25	*
0930	44 15.8	62 52.6	*	55454	-30	0	0	*
0940	44 16.4	62 54.3	*	55438	-56	-38	-23	*
0950	44 17.0	62 55.9	*	55430	-74	-38	-20	*
1000	44 17.6	62 57.6	*	55420	-94	-38	-21	*

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DAY	AREA LIMITS		DATA POINTS		
	LATITUDE	LONGITUDE	BATHY	GRAVITY	MAGNETICS
187	44.11-44.50	61.92- 63.42	23	29	34
188	43.21-44.10	60.00- 61.88	108	93	107
189	41.53-43.16	58.27- 60.01	126	112	133
190	40.07-41.52	57.97- 59.73	139	117	139
191	40.19-41.48	59.08- 59.93	112	69	114
192	40.07-41.42	59.54- 60.27	113	68	112
193	40.04-41.43	59.50- 60.19	85	53	87
194	40.10-41.43	59.34- 60.11	130	82	130
195	40.16-41.54	58.94- 59.93	111	75	114
196	40.22-41.39	58.82- 59.46	133	113	135
197	41.47-41.48	59.17- 59.71	94	63	94
198	40.32-41.55	58.77- 59.85	112	74	111
199	40.05-41.41	59.11- 59.79	112	94	130
200	40.99-42.26	59.53- 60.09	123	86	133
201	42.27-43.43	60.09- 60.51	109	68	112
202	42.38-42.63	59.76- 60.70	77	30	5
203	42.47-42.96	59.78- 60.84	77	33	51
204	42.18-42.97	59.68- 61.93	76	41	47
205	42.10-43.55	55.72- 60.30	131	91	119
206	43.59-44.97	53.79- 55.67	127	113	132
207	42.57-44.65	51.30- 53.75	109	92	109
208	41.71-42.56	51.81- 52.91	136	102	142
209	39.70-40.71	51.15- 51.83	138	110	144
210	39.94-41.62	50.36- 51.12	120	98	117
211	40.34-41.43	50.81- 56.80	126	94	125
212	41.43-42.33	56.85- 59.63	55	52	58
213	42.11-42.35	59.49- 60.42	77	49	60
214	42.04-43.44	59.28- 60.68	92	33	75
215	42.92-43.46	59.39- 61.37	82	51	43
216	42.82-43.44	59.38- 61.34	124	64	65
217	43.18-44.29	60.41- 62.96	54	44	61
SUM	39.71-44.97	51.36- 63.42	3231	2293	3038

PART C

DATA PROFILES

TRACK PLOTS AND THE TRACK SCALE OF THE PROFILES ARE GIVEN IN MERCATOR PROJECTION SCALE OF 1/1000000 SUITABLE FOR BRITISH ADMIRALTY GEBCO CHART. THE CHART SERIES ARE LISTED AS BELOW

NO. 3351	LIMITS 00 N TO 30 N	REFERENCE LOCATION 33 N
NO. 3532	LIMITS 30 N TO 48 N	REFERENCE LOCATION 46 N
NO. 3533	LIMITS 48 N TO 60 N	REFERENCE LOCATION 57 N
NO. 3534	LIMITS 60 N TO 66 N	REFERENCE LOCATION 65 N
NO. 3535	LIMITS 66 N TO 72 N	REFERENCE LOCATION 70 N
NO. 3536	LIMITS 72 N TO 78 N	REFERENCE LOCATION 76 N

VERTICAL AND HORIZONTAL LINES ARE ATTACHED TO EACH TRACK PLOT TO CHECK FOR CHANGES IN SCALE DURING COPYING. THE CHART WILL BE AT THE SCALE INDICATED IF THE LENGTHS OF EACH OF THE REFERENCE LINES IS FIVE CENTIMETRES (0.05 M).

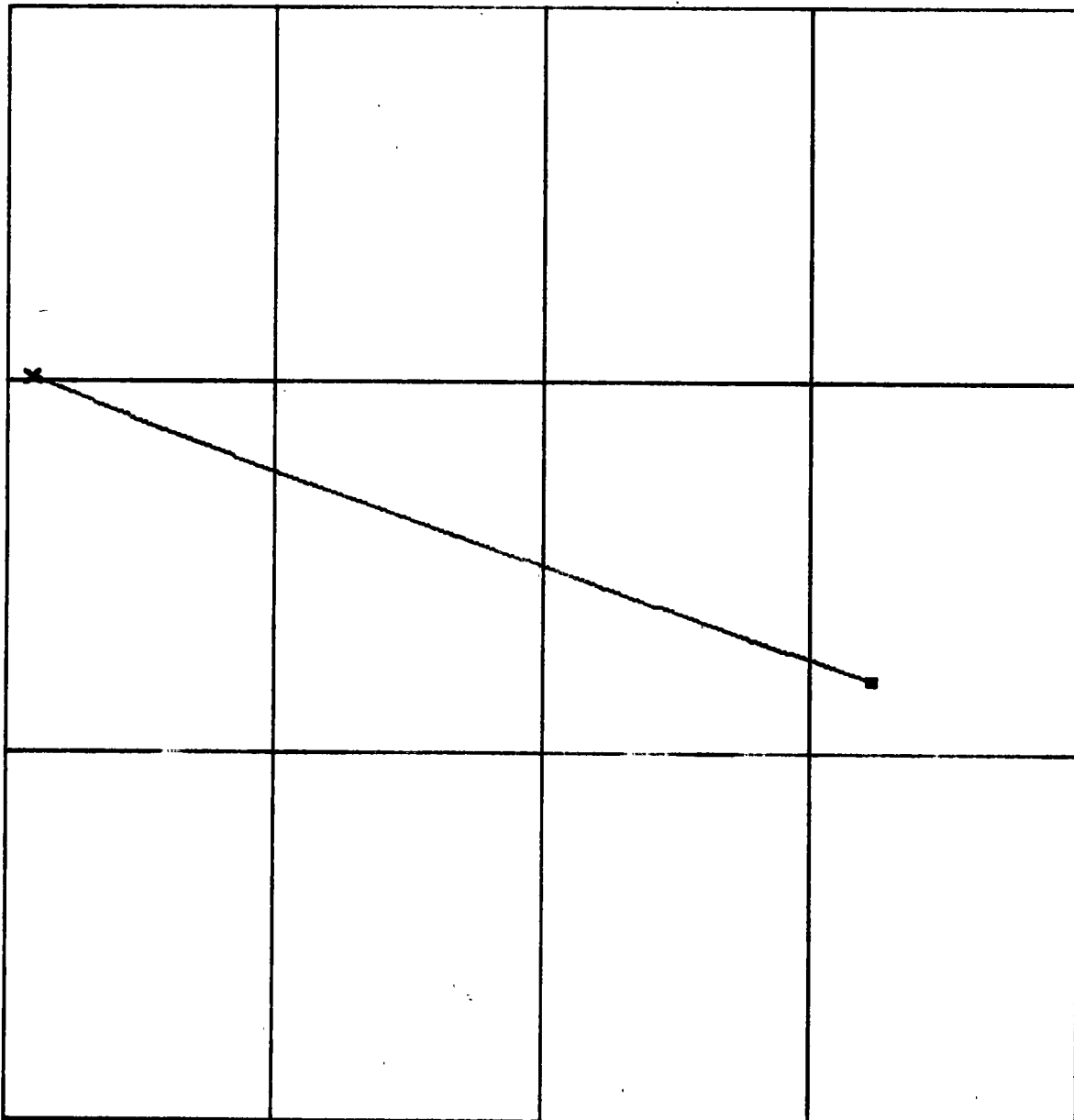
THE SCALES OF THE PROFILES ARE DEFINED AS

1. BATHYMETRIC PROFILE SCALE IS 2000 METRES PER INCH WITH REPHASE AT 4000 METRES.
2. FREE AIR GRAVITY PROFILE SCALE IS 100 MILLIGALS PER INCH WITH REPHASE AT 150 OR -150 MILLIGALS.
3. MAGNETIC ANOMALY PROFILE SCALE IS 500 GAMMAS PER INCH WITH REPHASE AT 750 OR -750 GAMMAS.

NOTE 1 IN PROFILE PLOT +=START REPHASE AND X=END REPHASE

NOTE 2 IN TRACK PLOT X=START OF TRACK AND .=END OF TRACK

1/1000000 AT 46 N



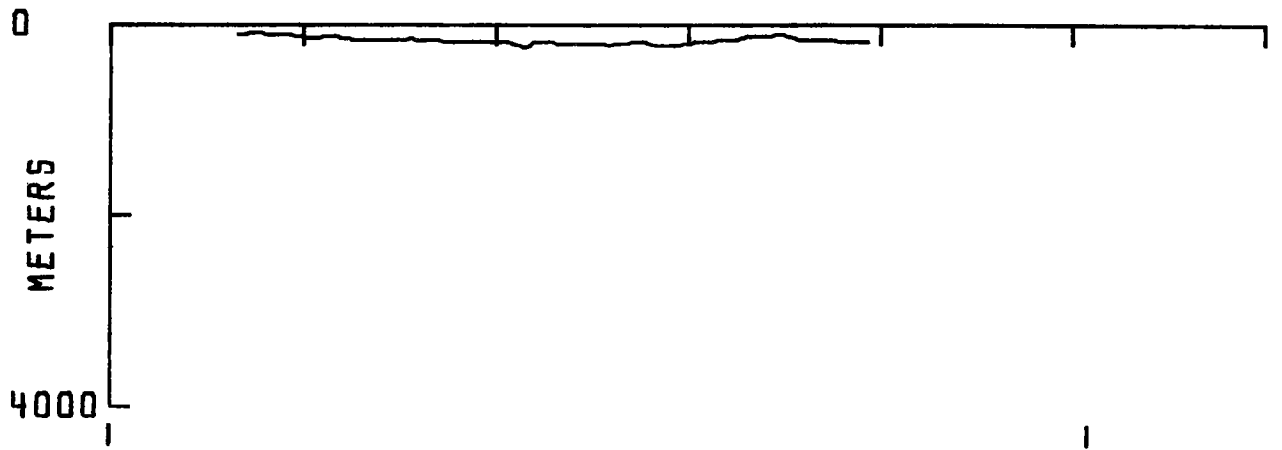
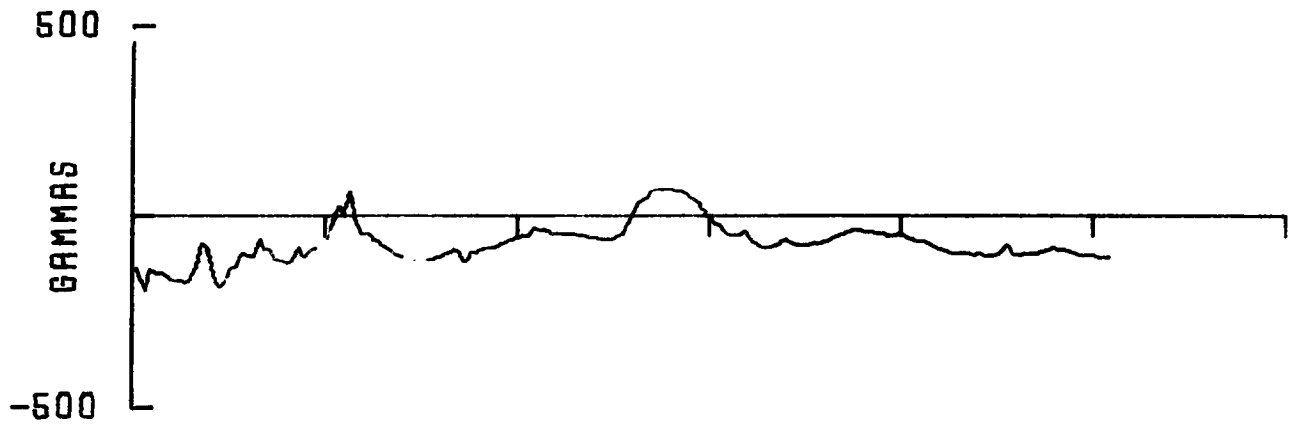
45.0 N



43.5 N

69.5 W

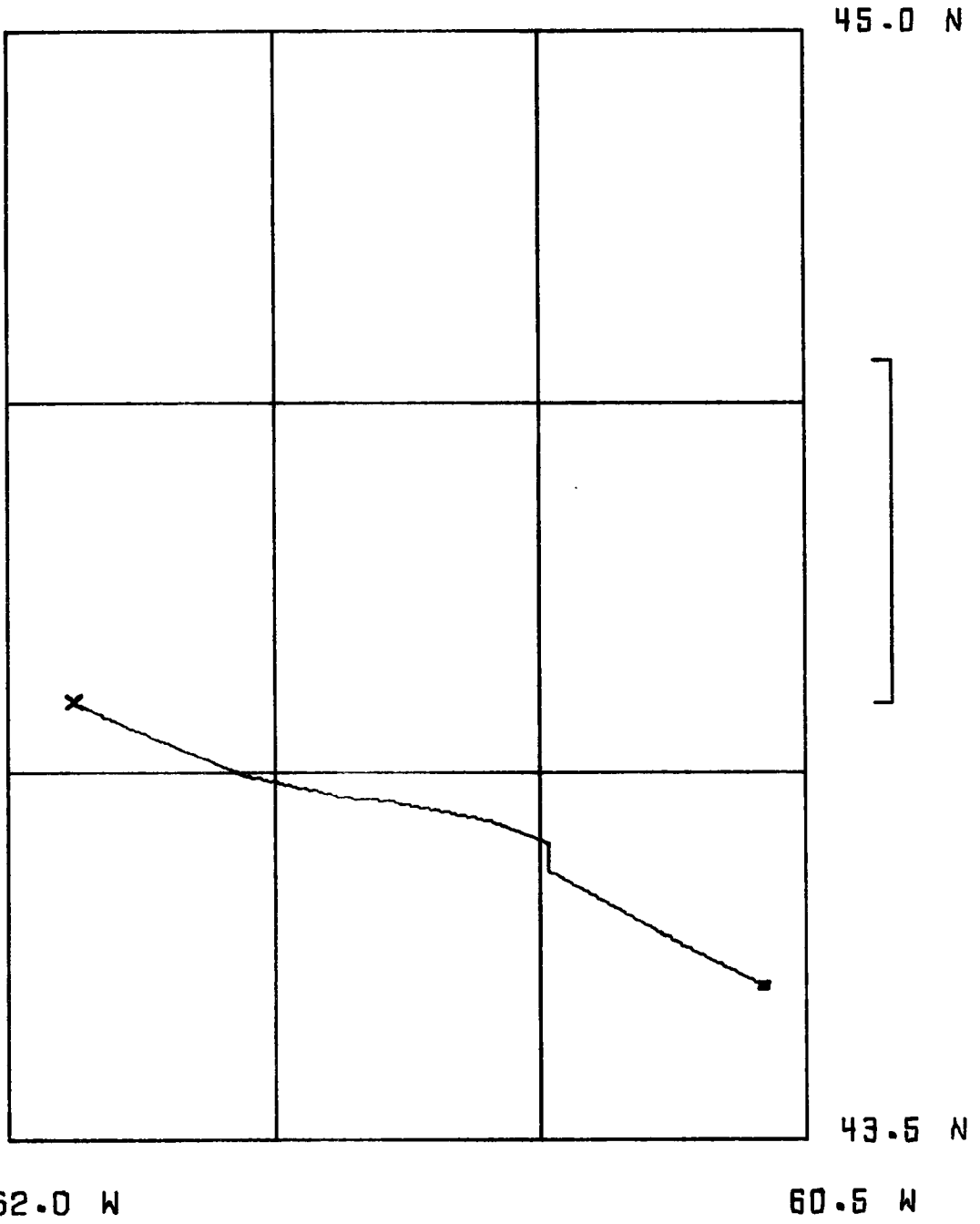
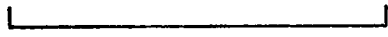
61.5 W

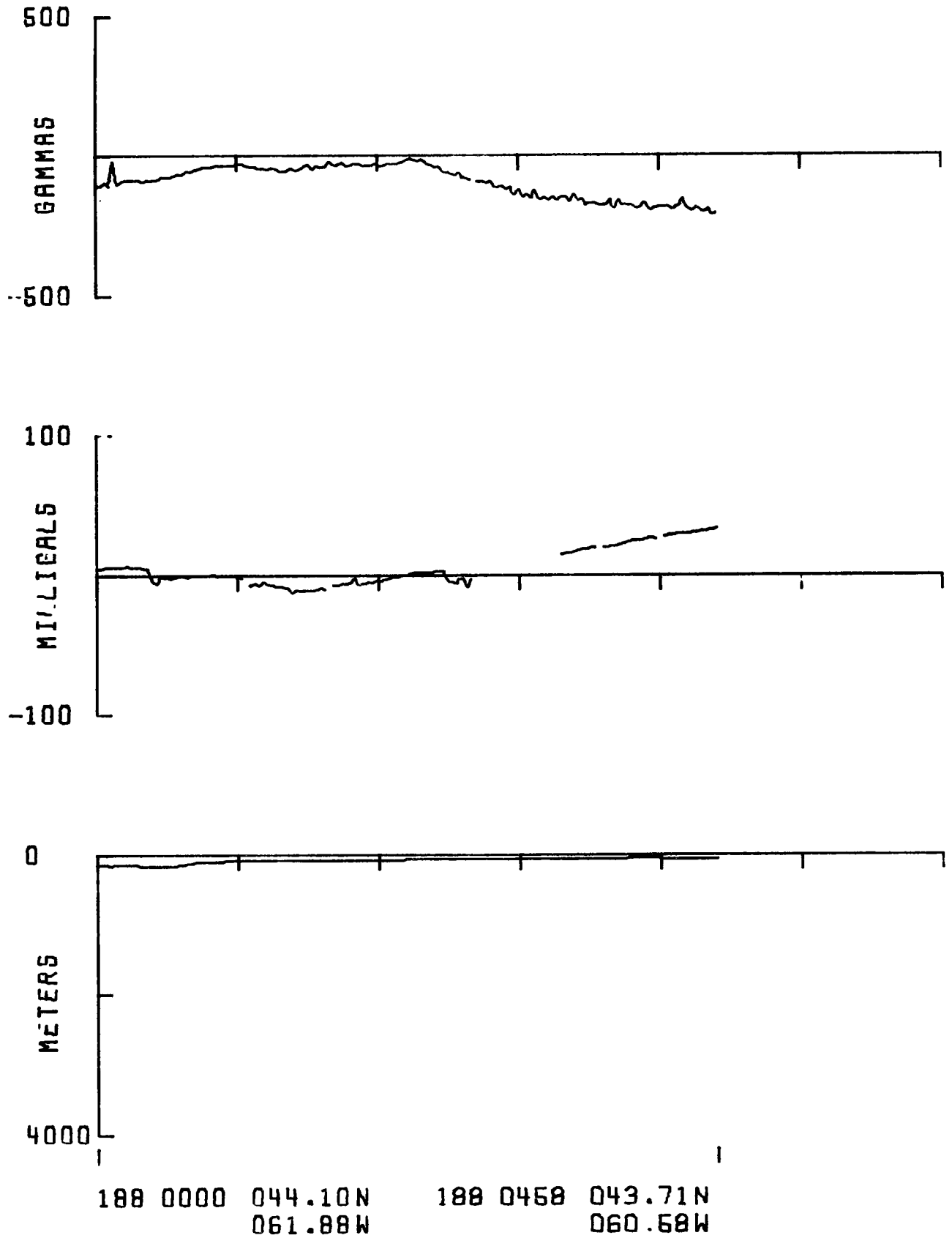


187 1812 044.51N
063.45W

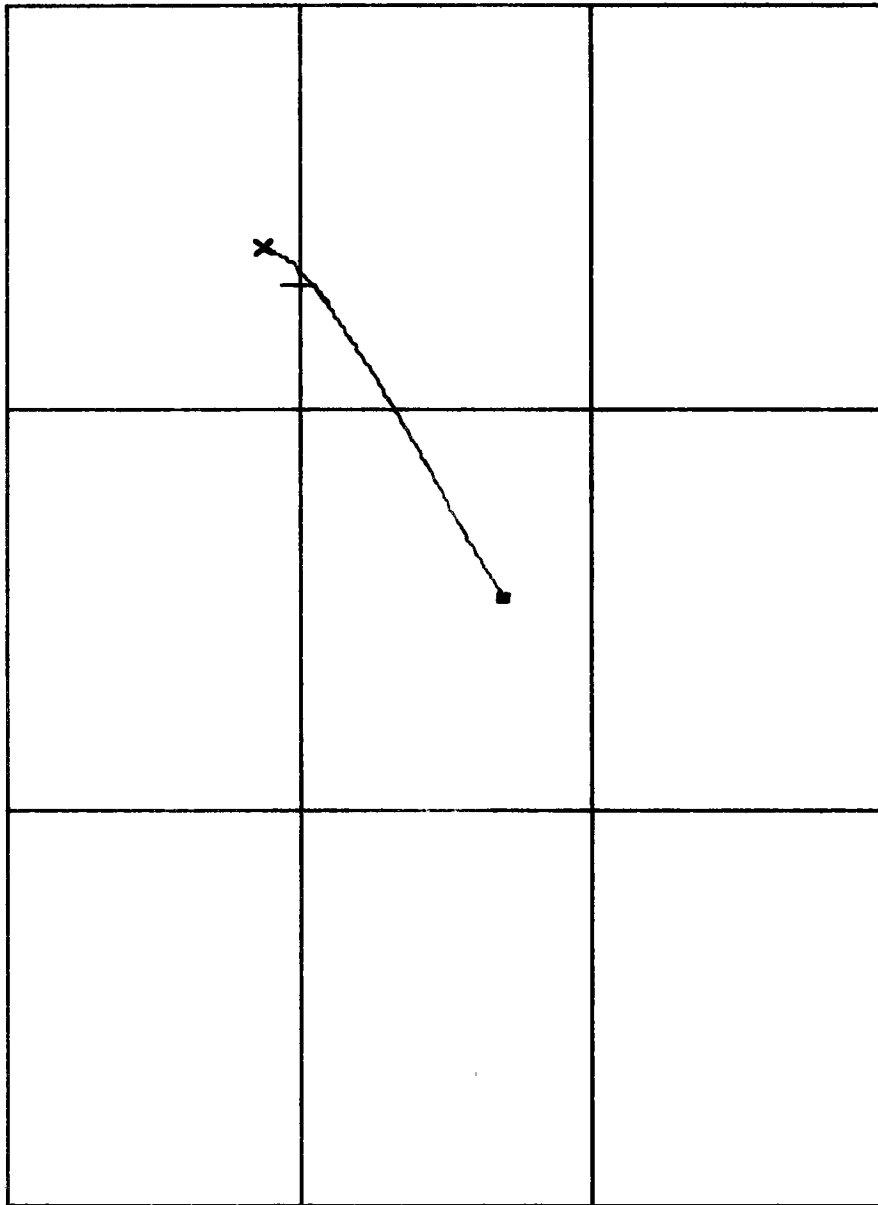
187 2358 044.10N
061.89W

1/1000000 AT 46 N





1/1000000 AT 46 N



44.0 N

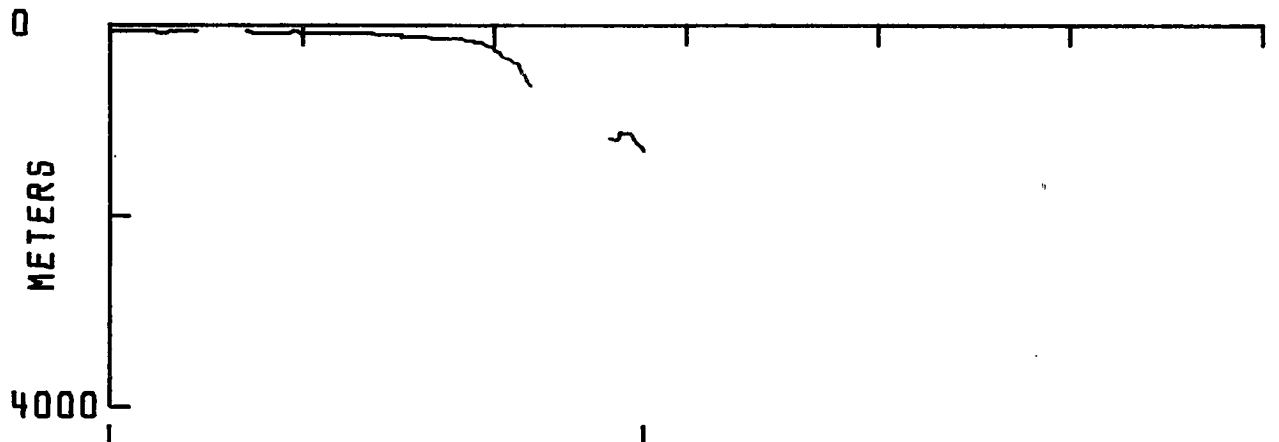
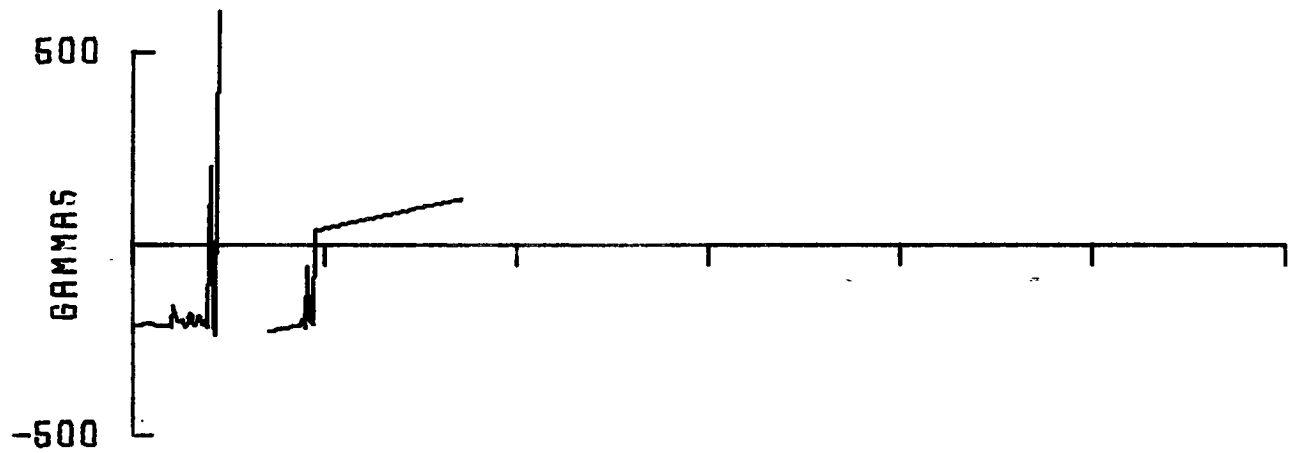


42.5 N

61.0 W

59.5 W

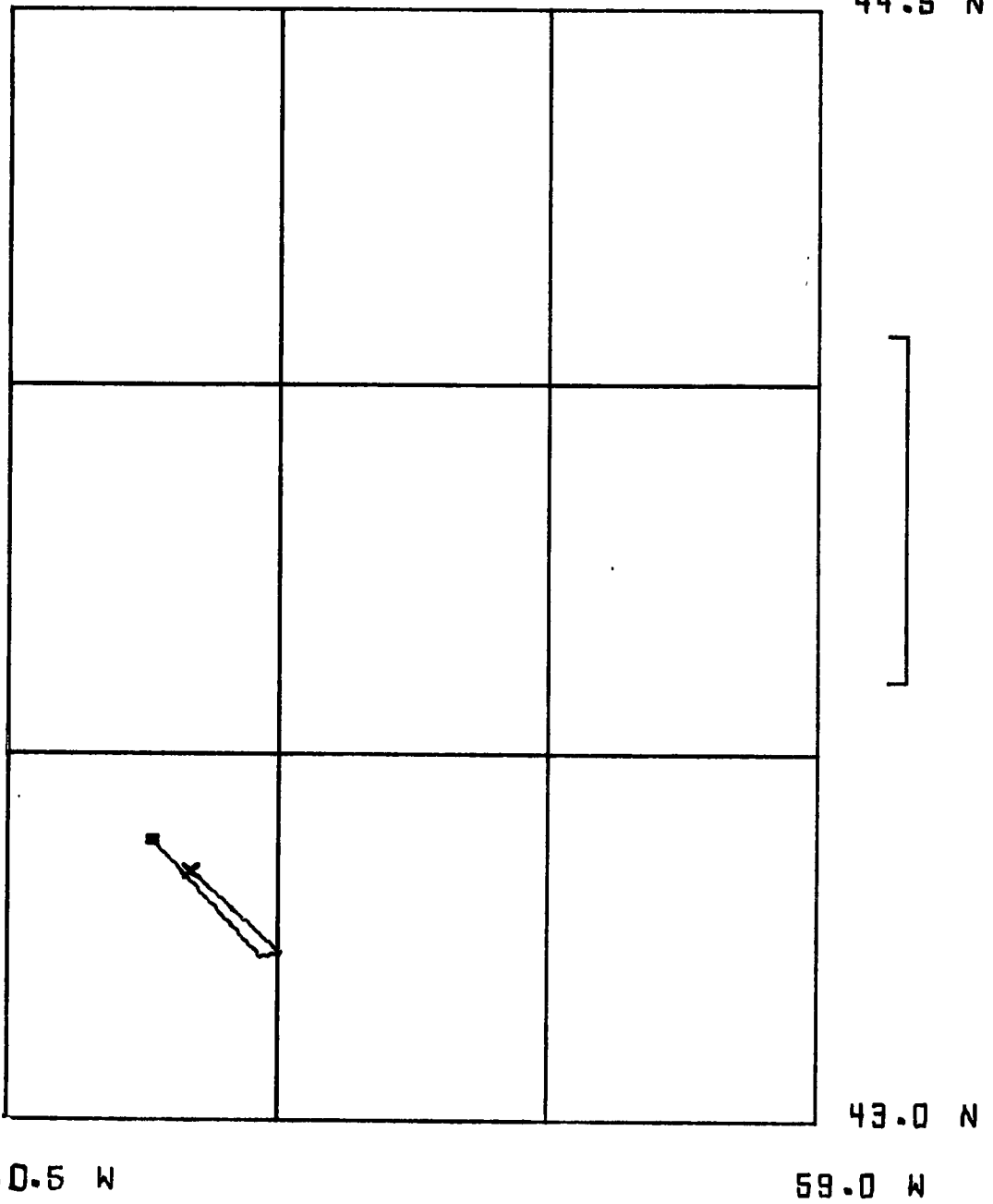
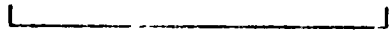
+



188 0506 043.70N
060.56W

188 1200 043.27N
060.15W

1/1000000 AT 46 N

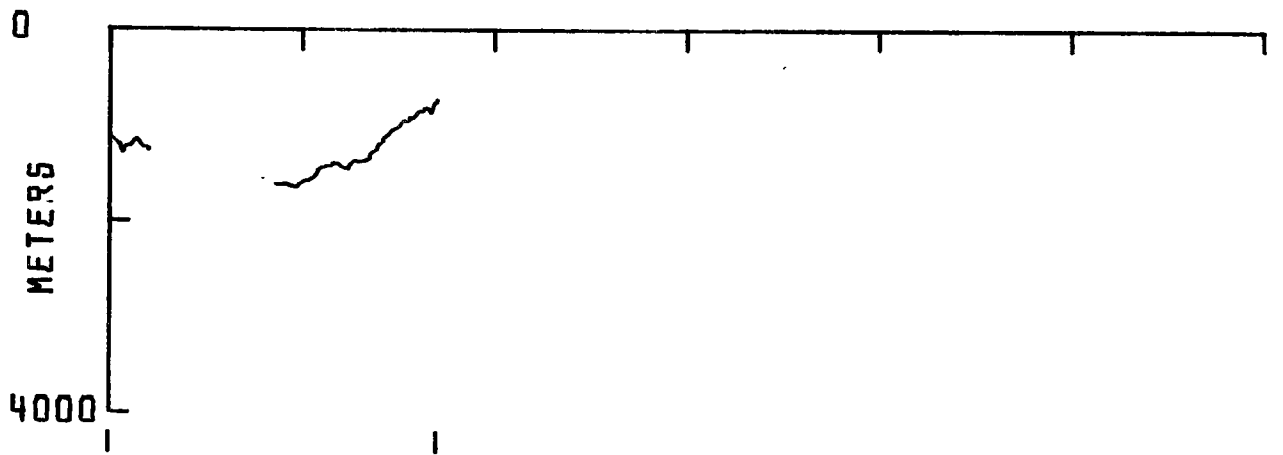
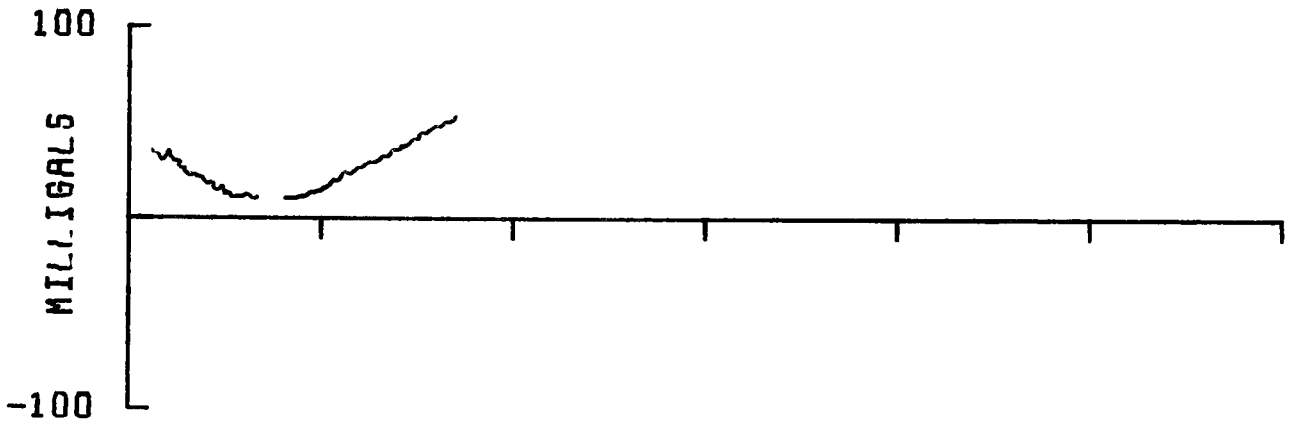
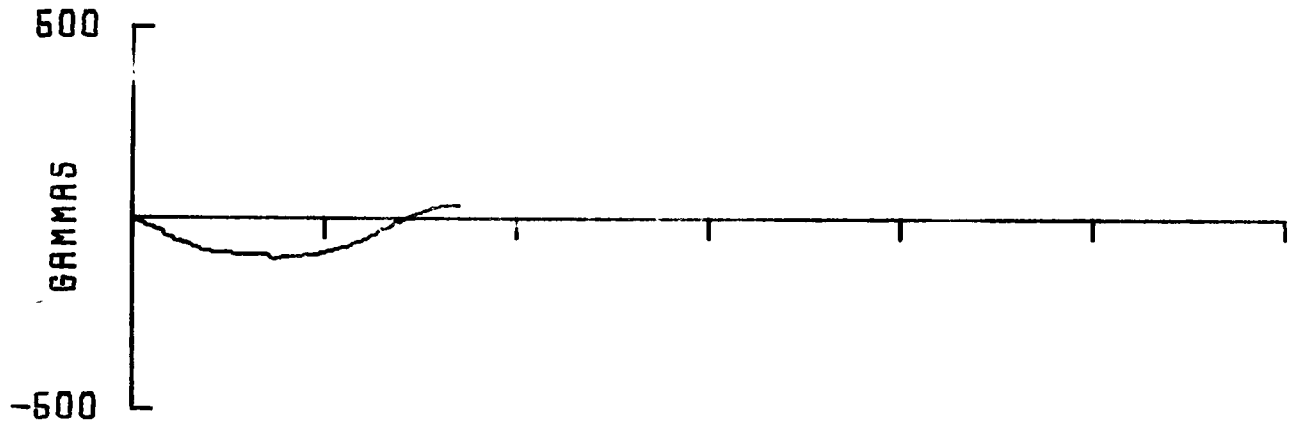


44.5 N

43.0 N

60.5 W

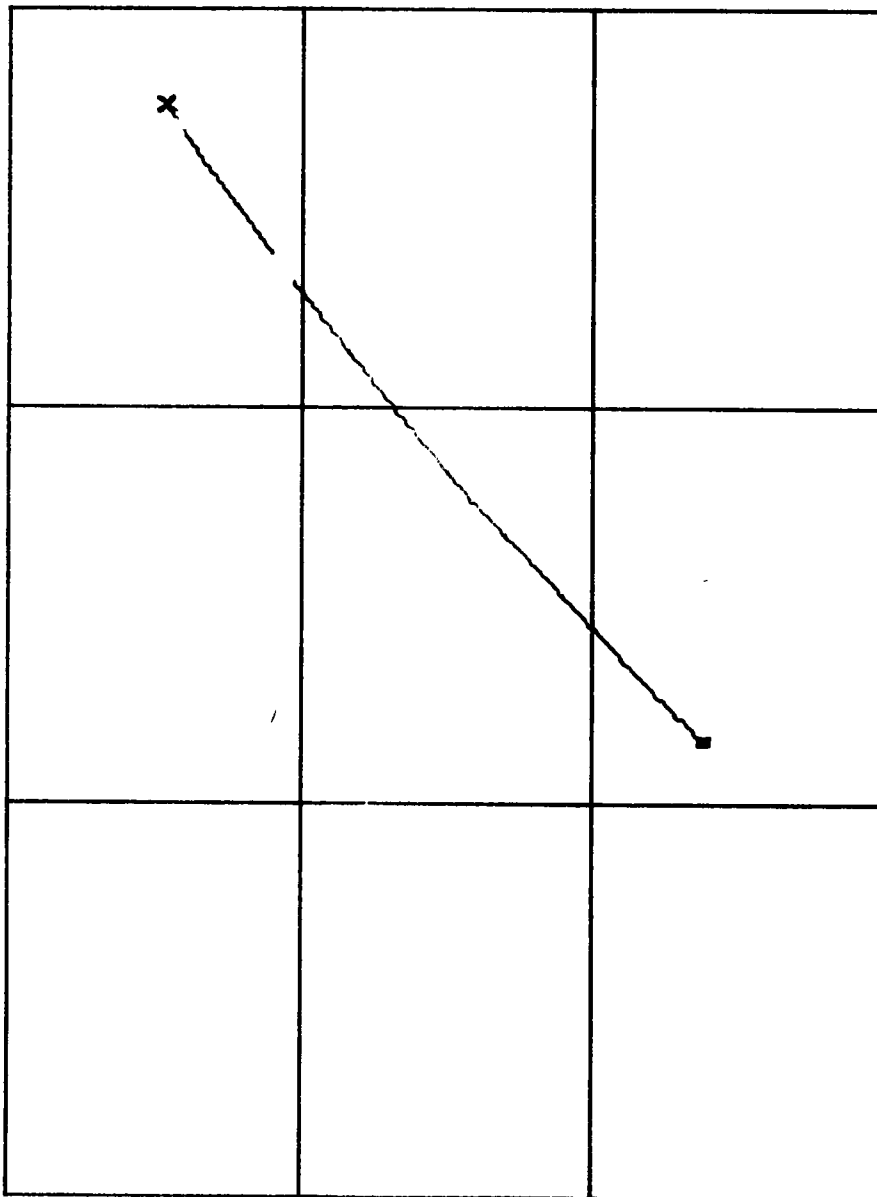
59.0 W



188 1648 043.34N
060.16W

188 2114 043.38N
060.23W

1/1000000 AT 46 N



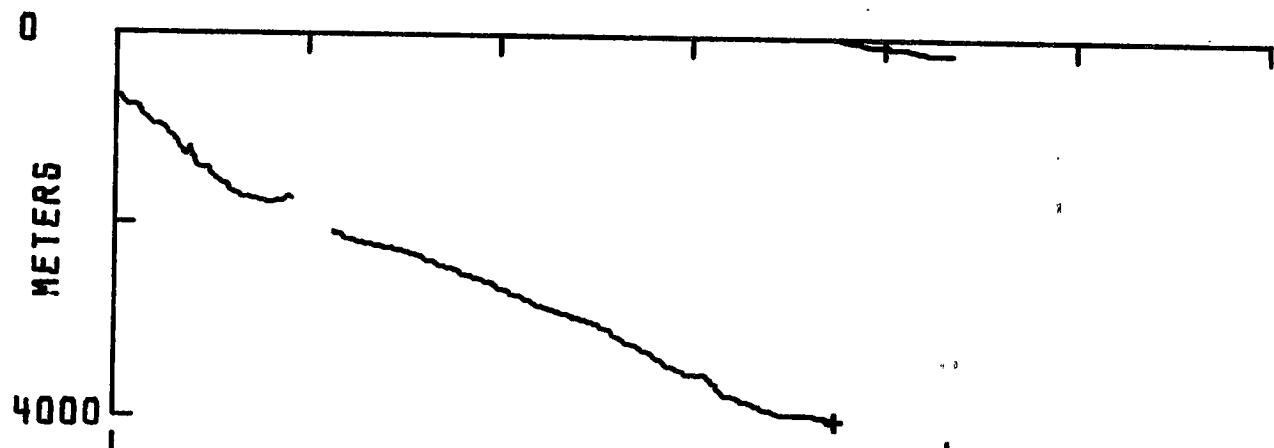
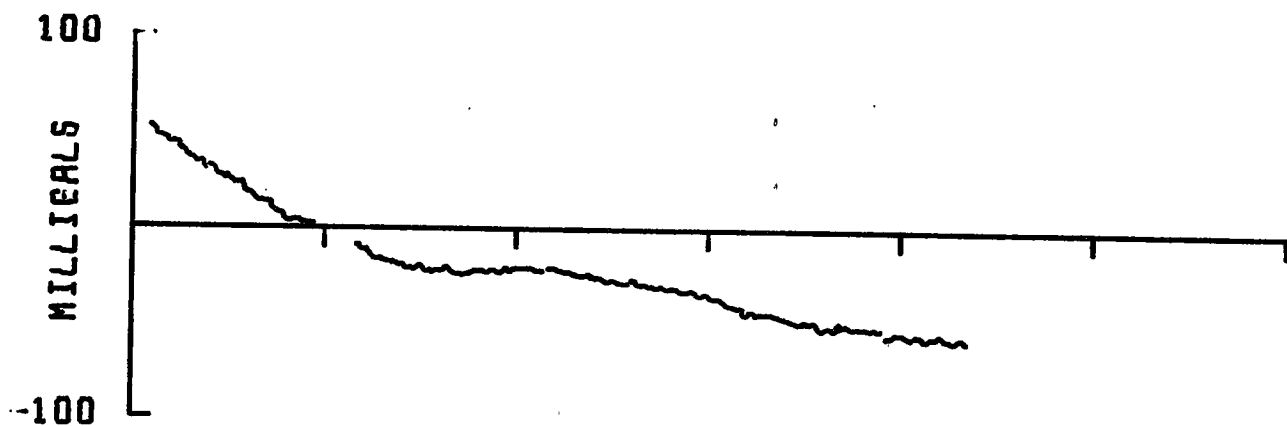
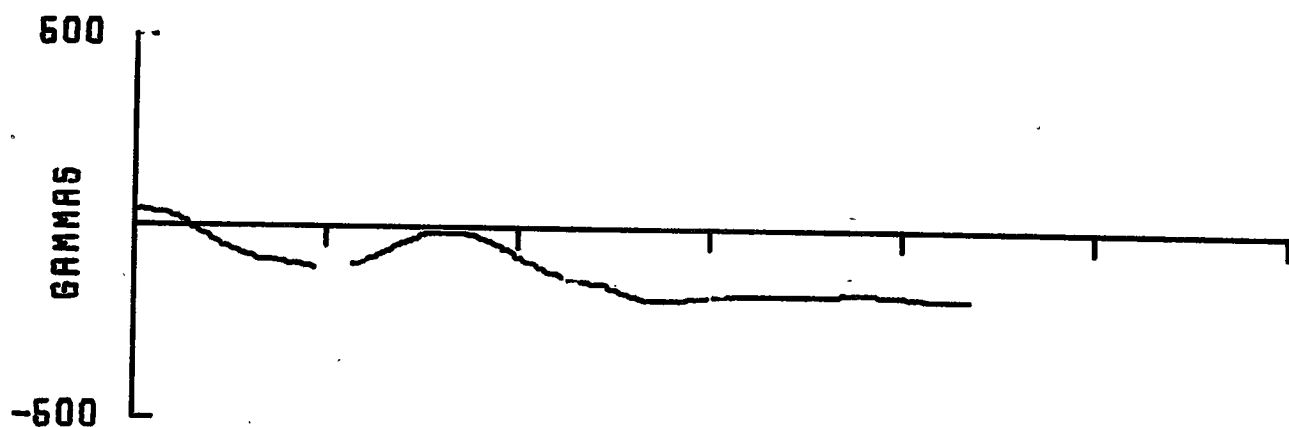
43.5 N



42.0 N

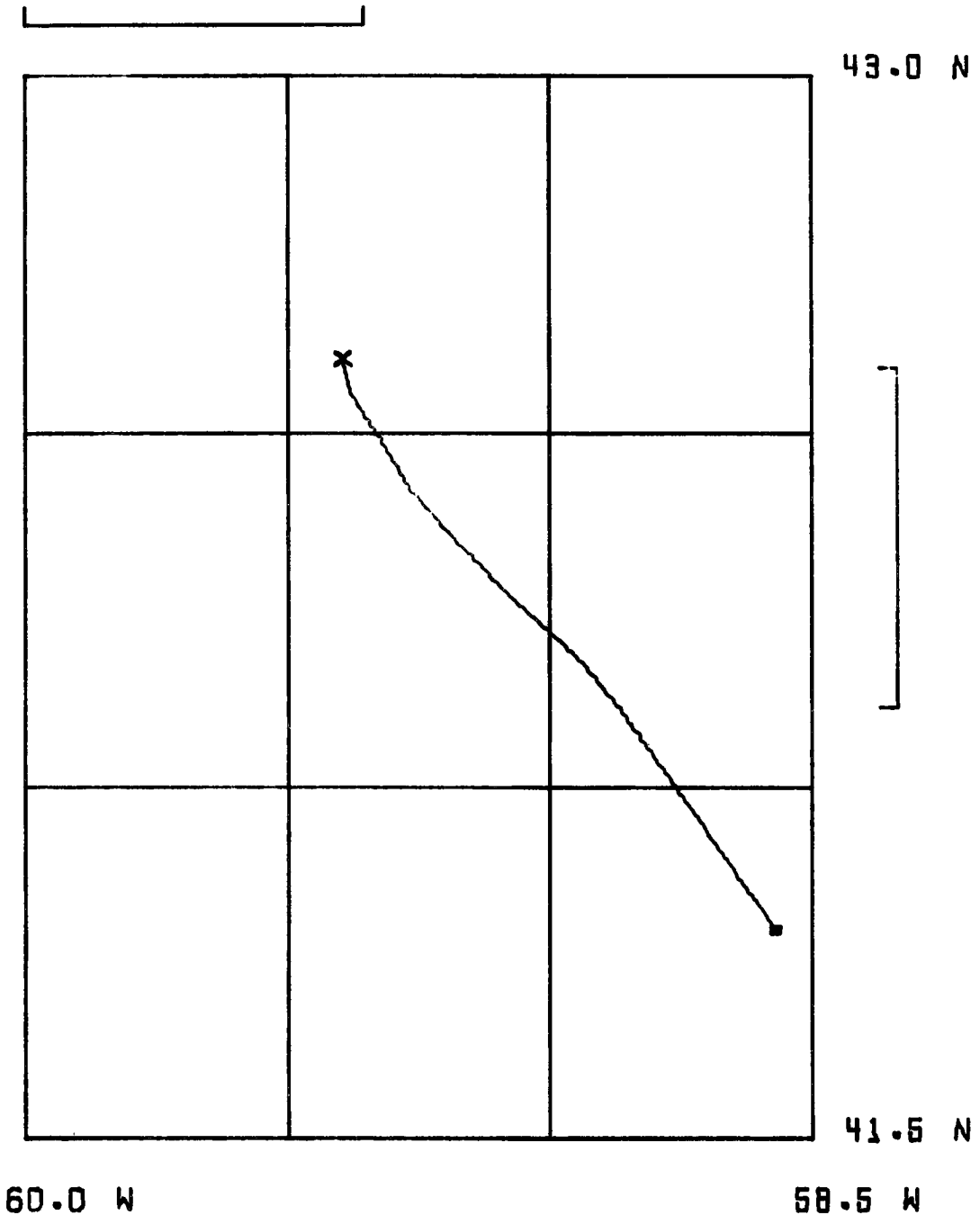
60.5 W

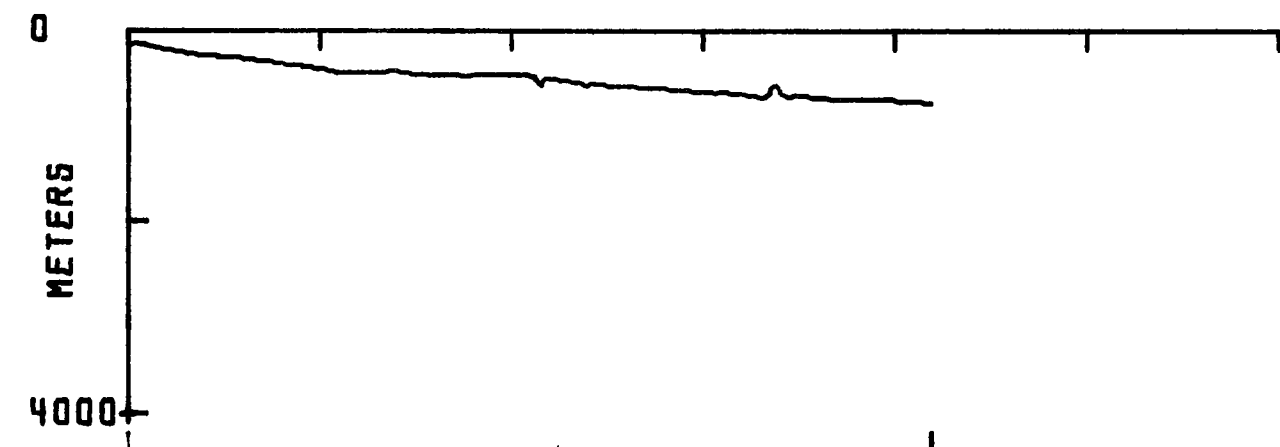
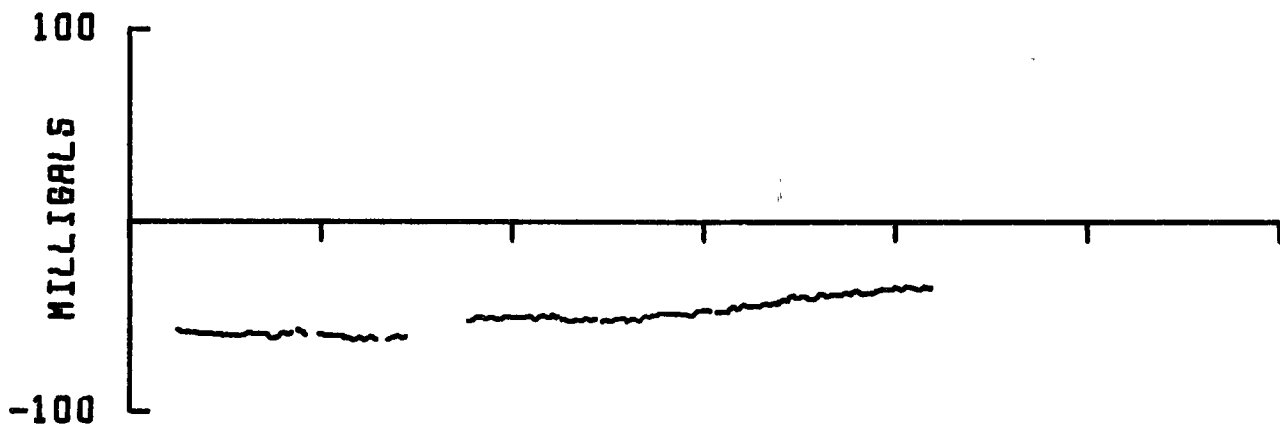
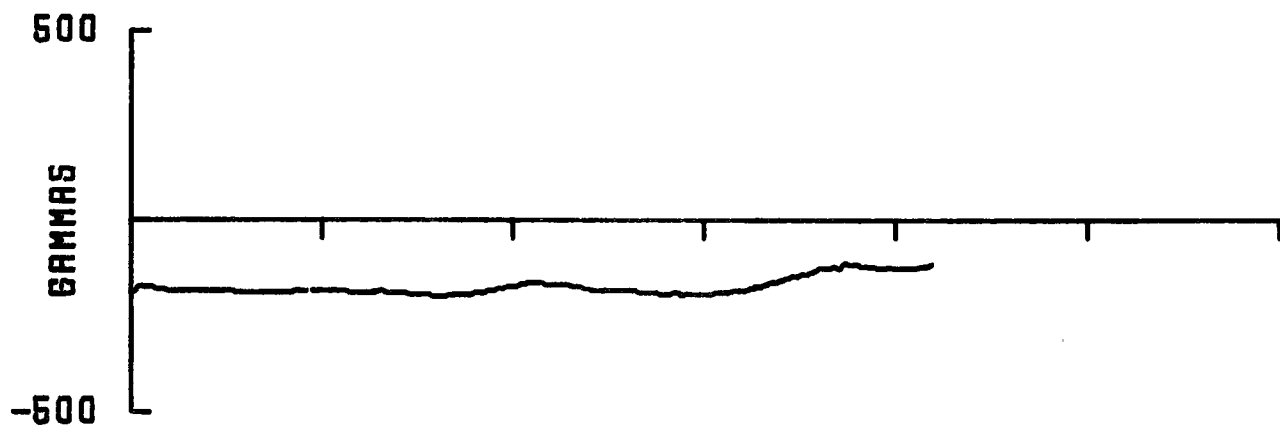
59.0 W



188 2118	043.38N	189 0808	042.58N
	060.23W		069.31W

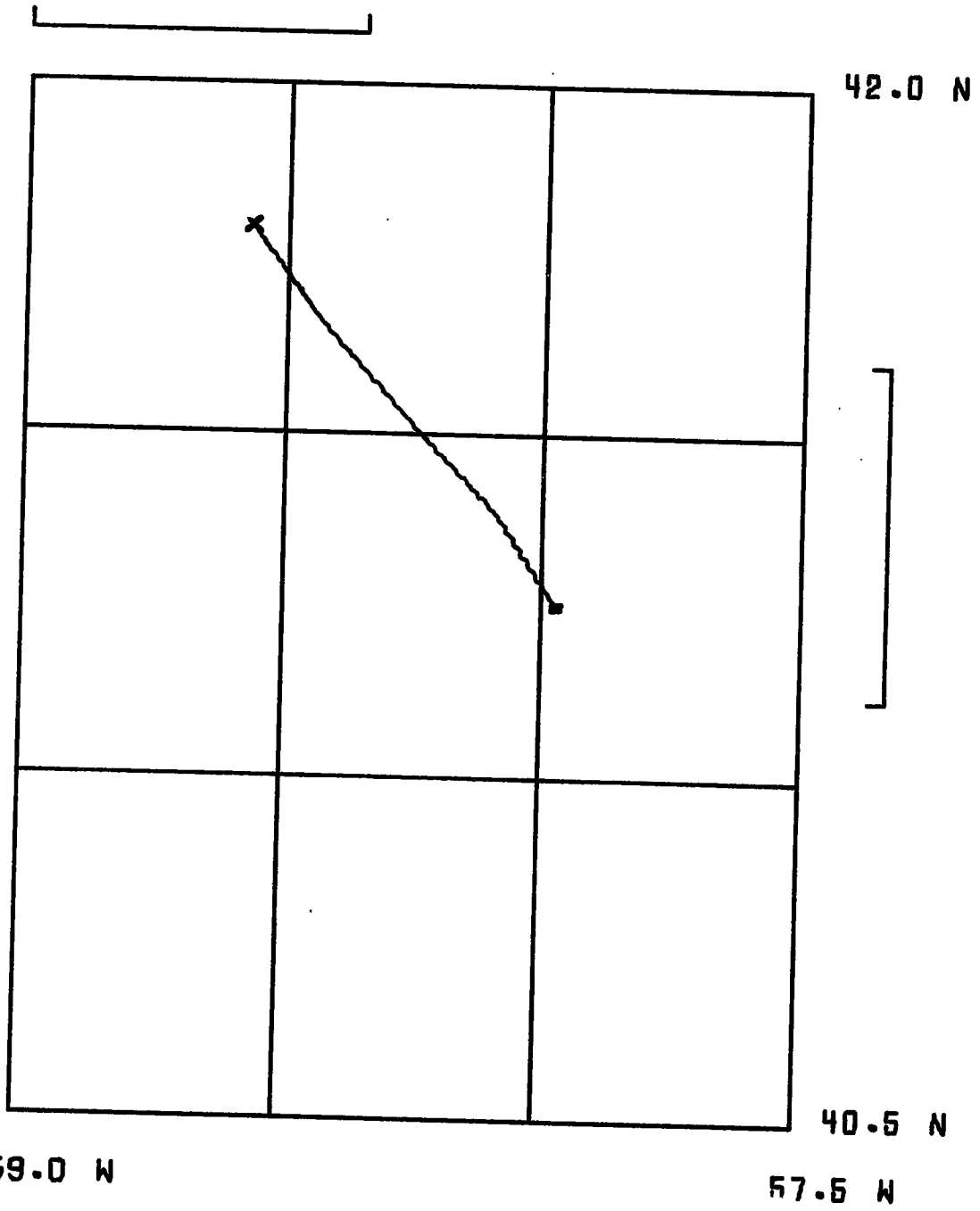
1/1000000 AT 46 N

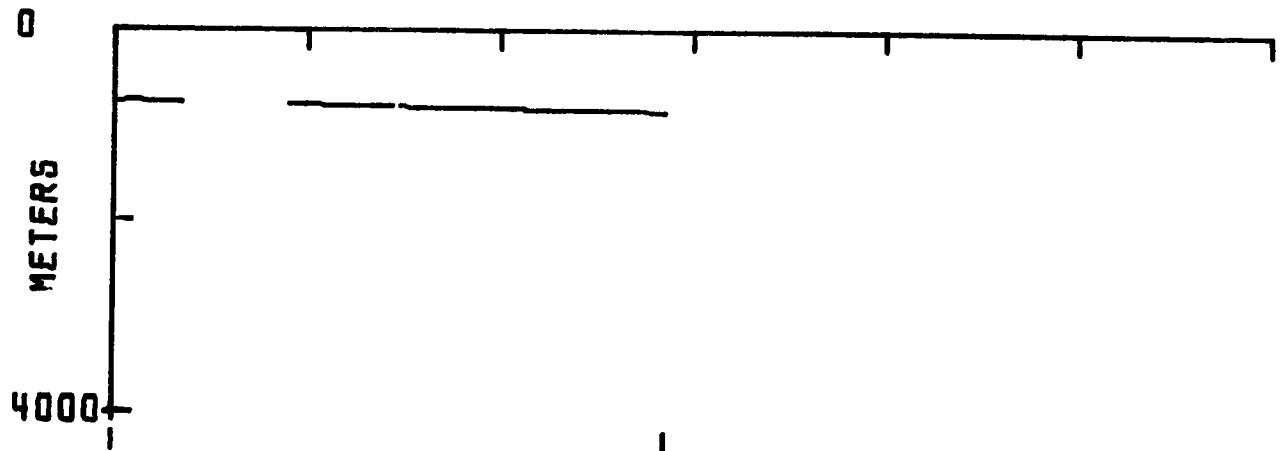
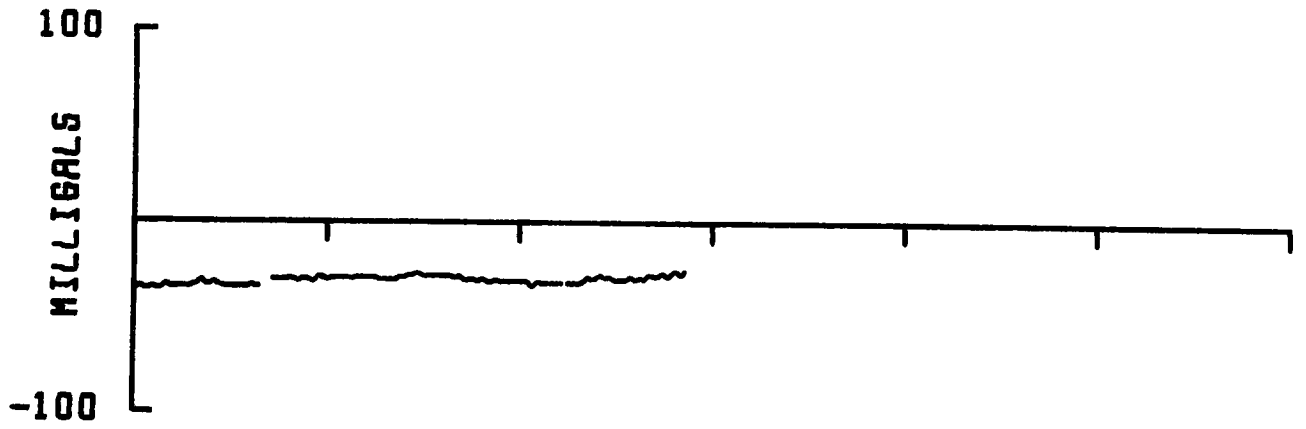
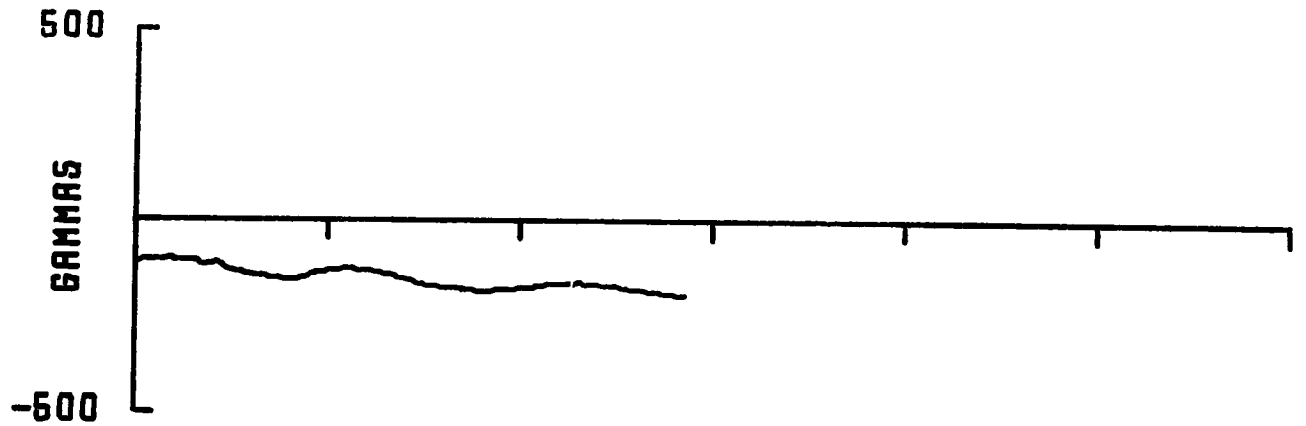




189 0920 042.61N 189 1958 041.80N
069.39W 068.67W

1/1000000 AT 46 N

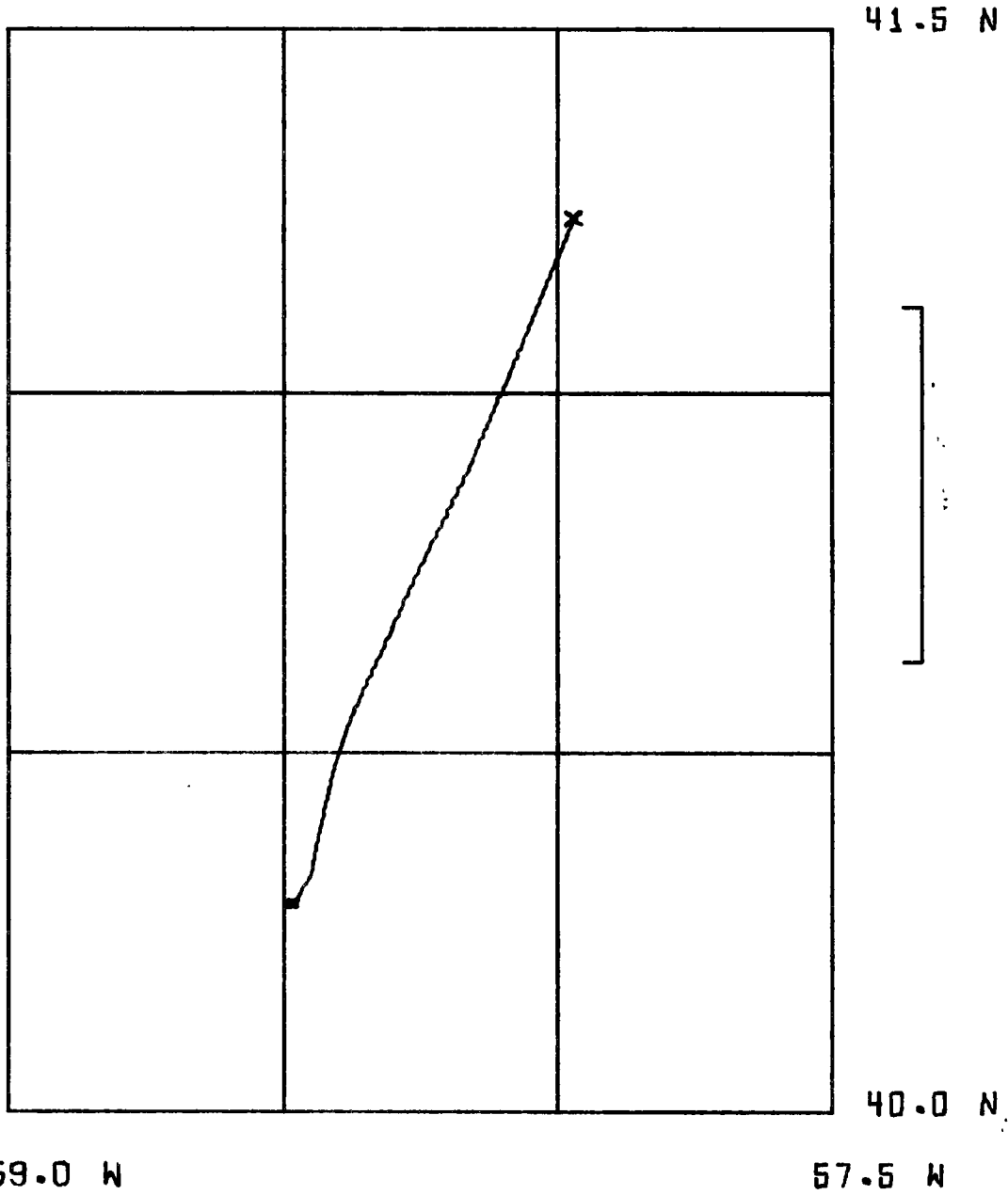


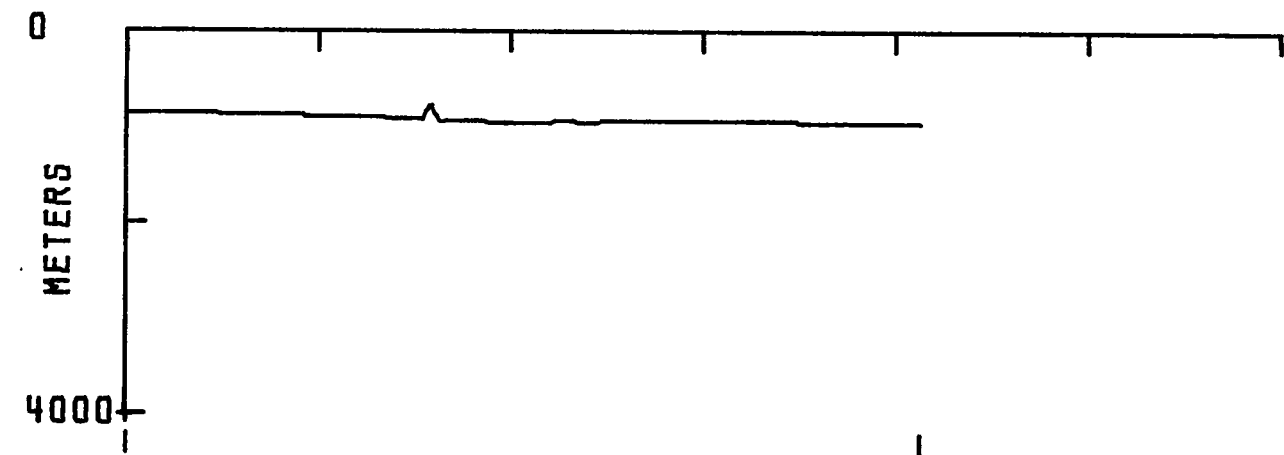
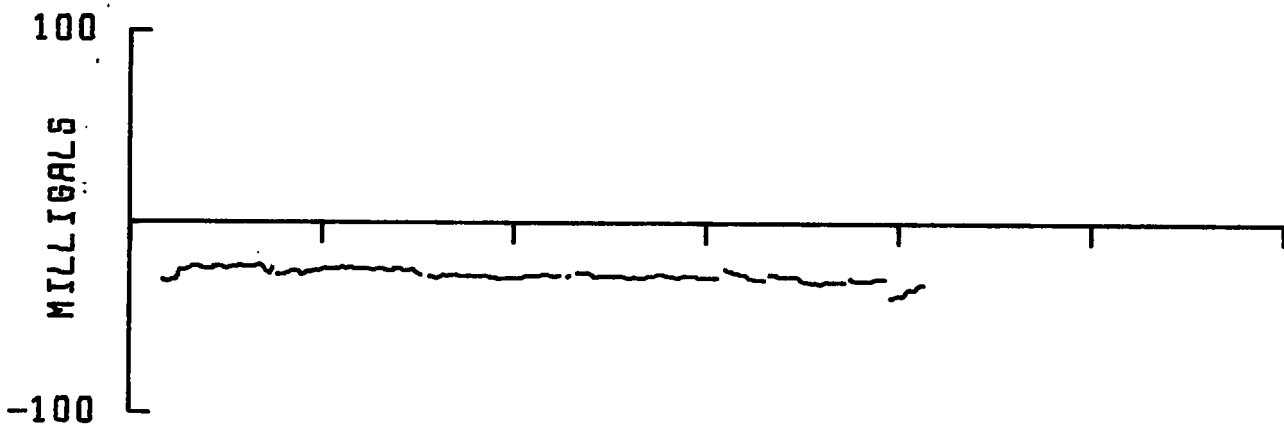
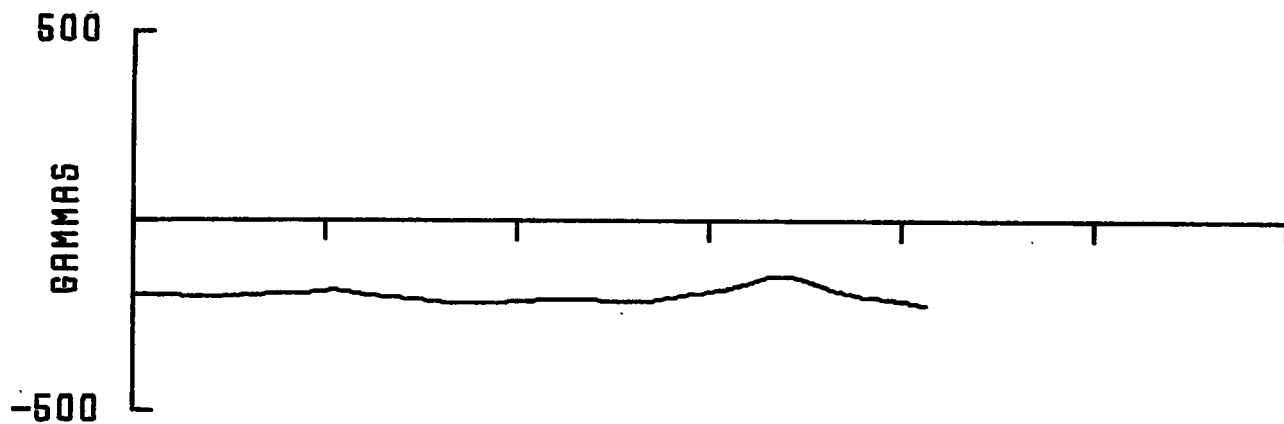


189 2000 041.80N
058.57W

190 0328 041.25N
057.97W

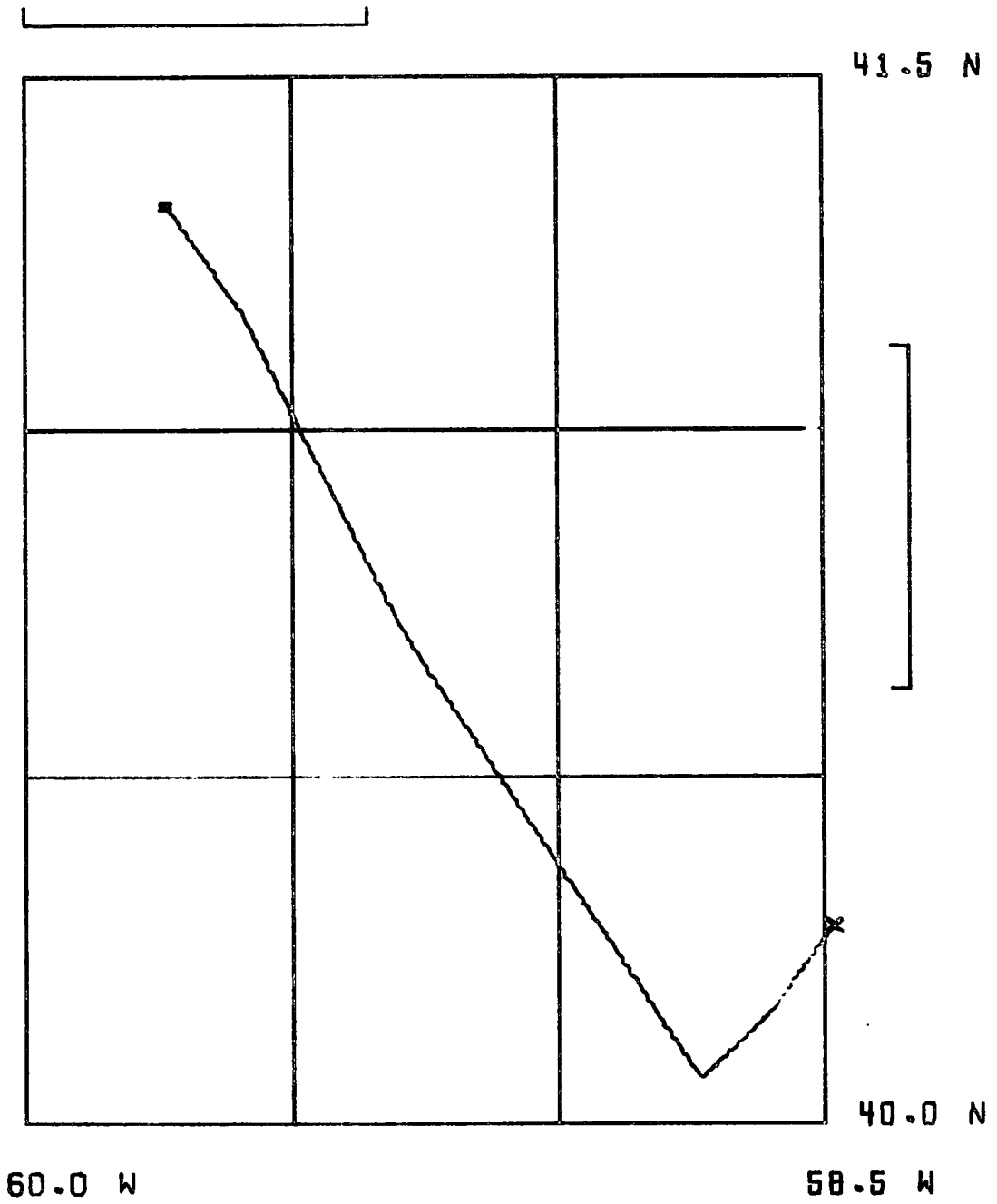
1/1000000 AT 46 N

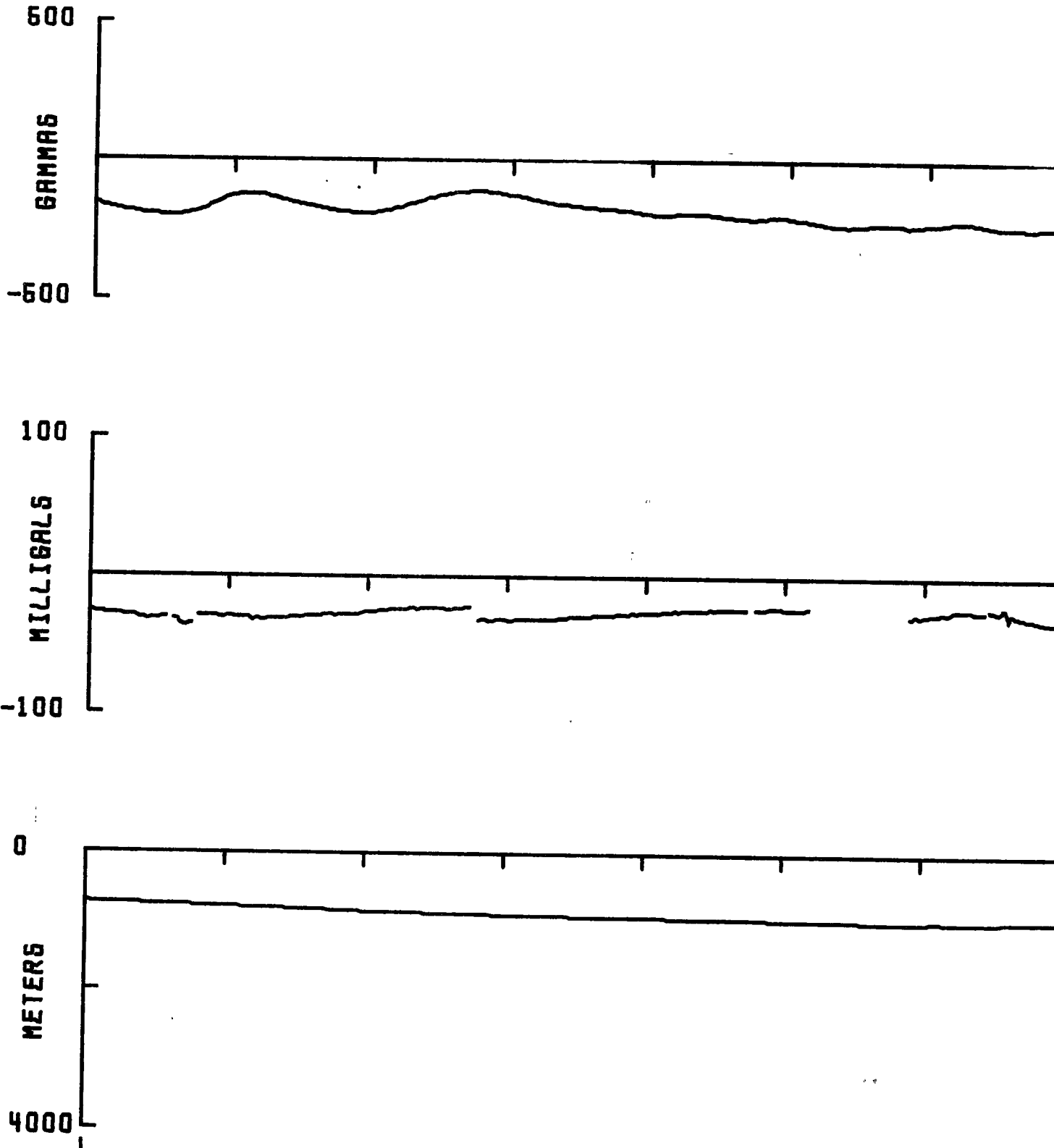




190 0336 041.24N 190 1228 040.29N
057.97W 058.48W

1/1000000 AT 46 N

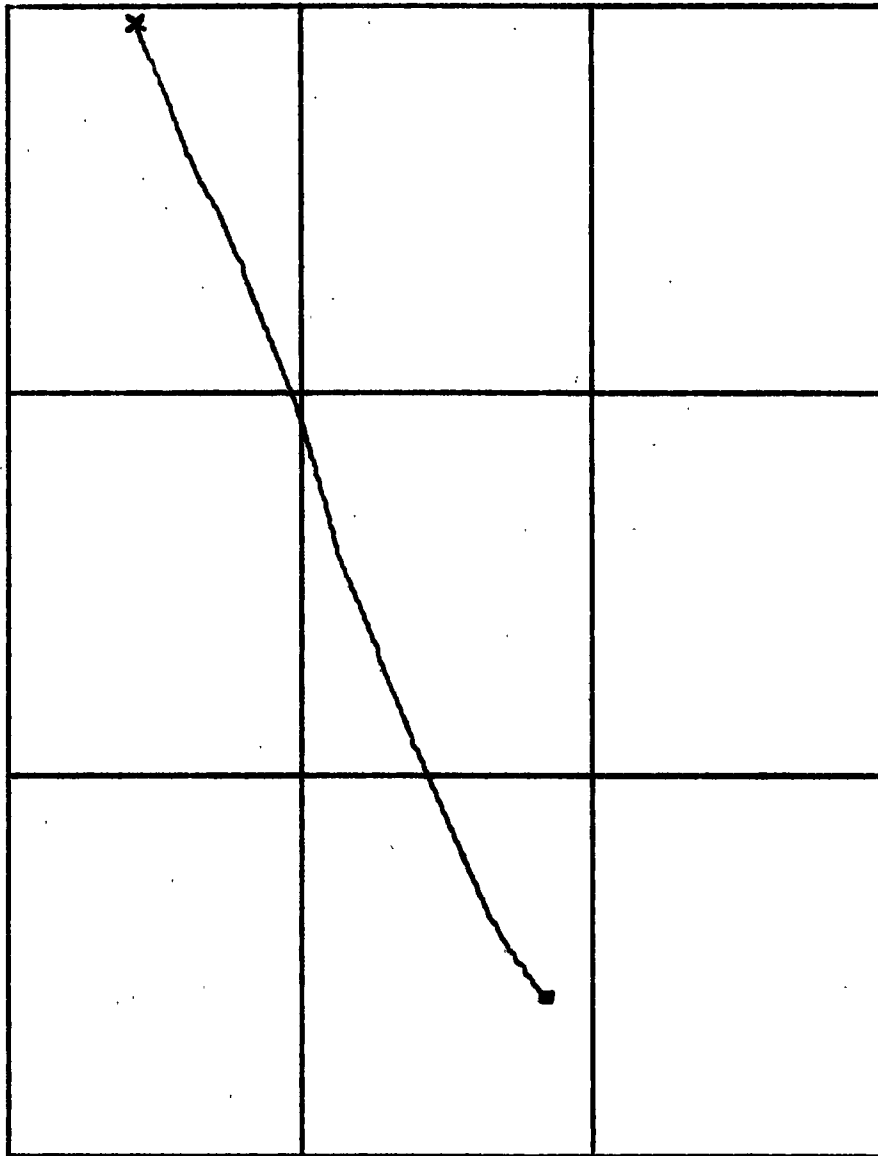




190 2300 041.32N
059.73W

190 1230 040.29N
058.48W

1/1000000 AT 46 N

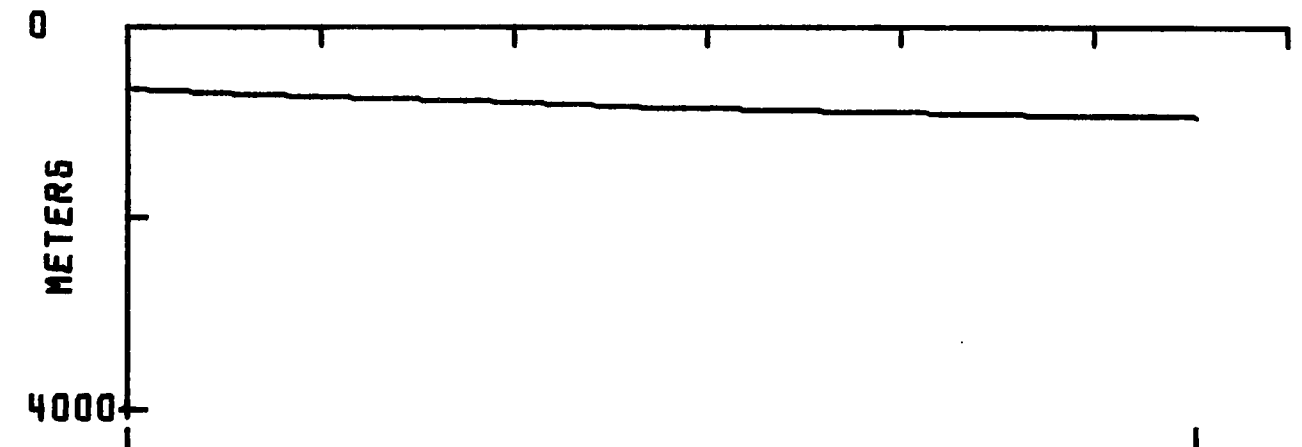
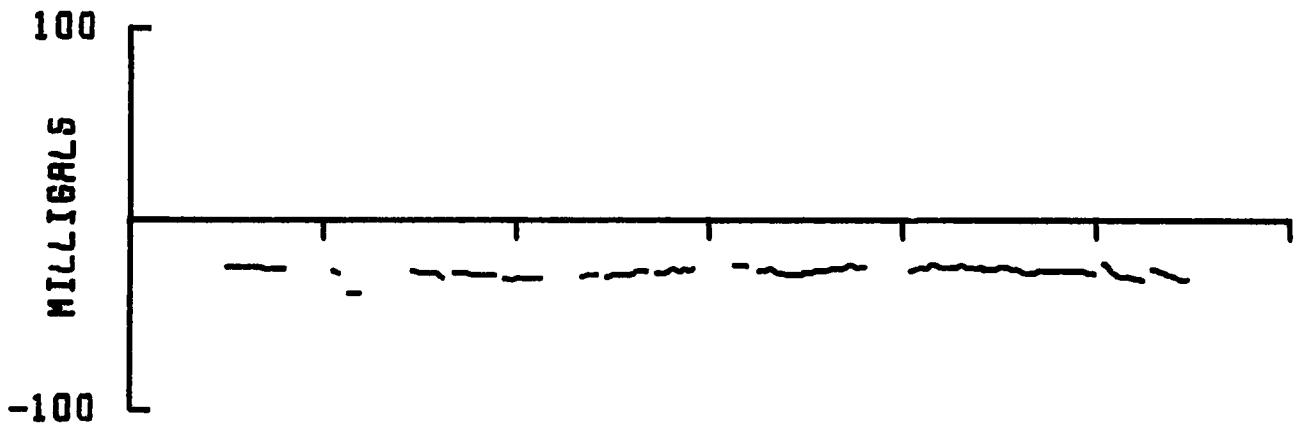
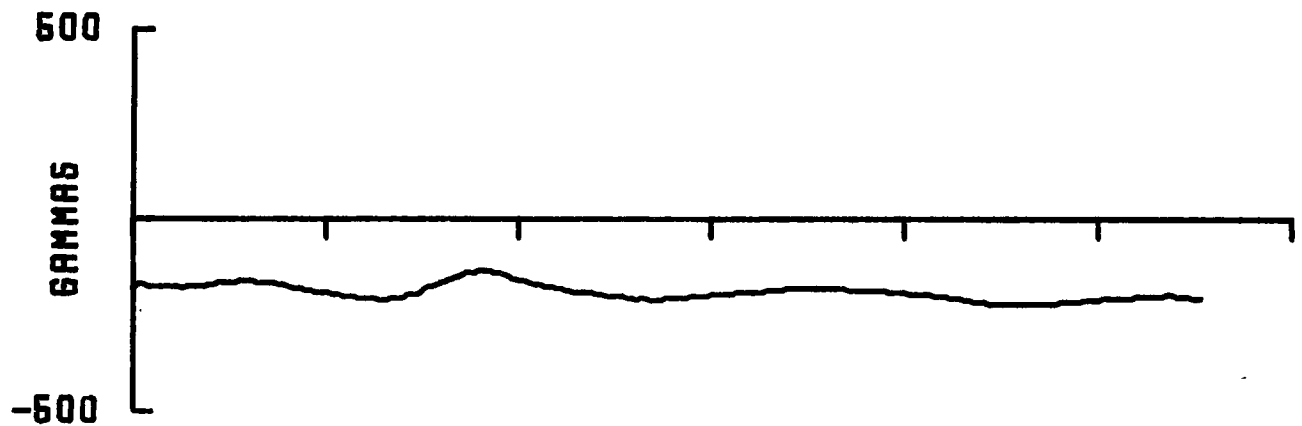


41.5 N

40.0 N

60.0 W

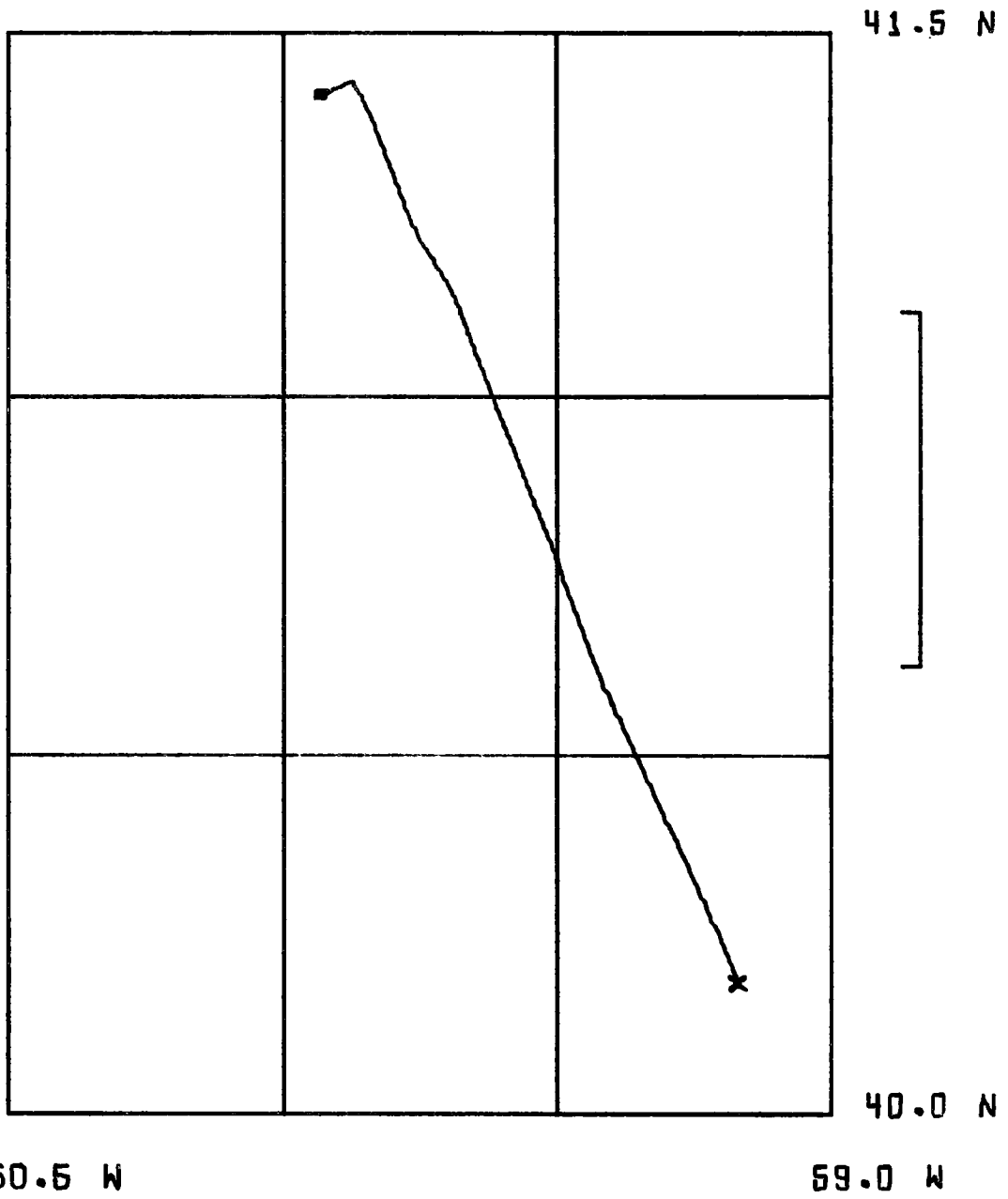
58.5 W

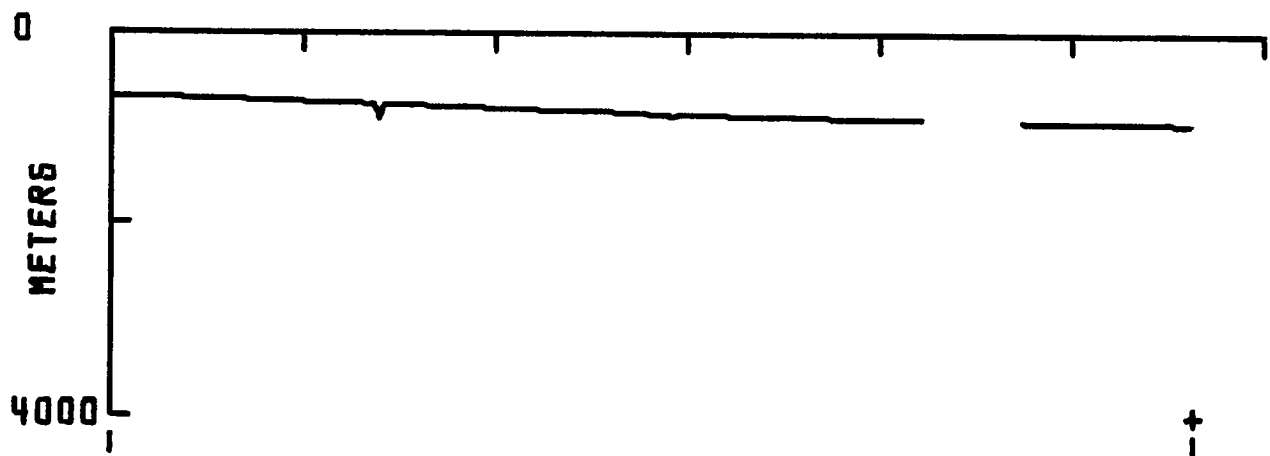
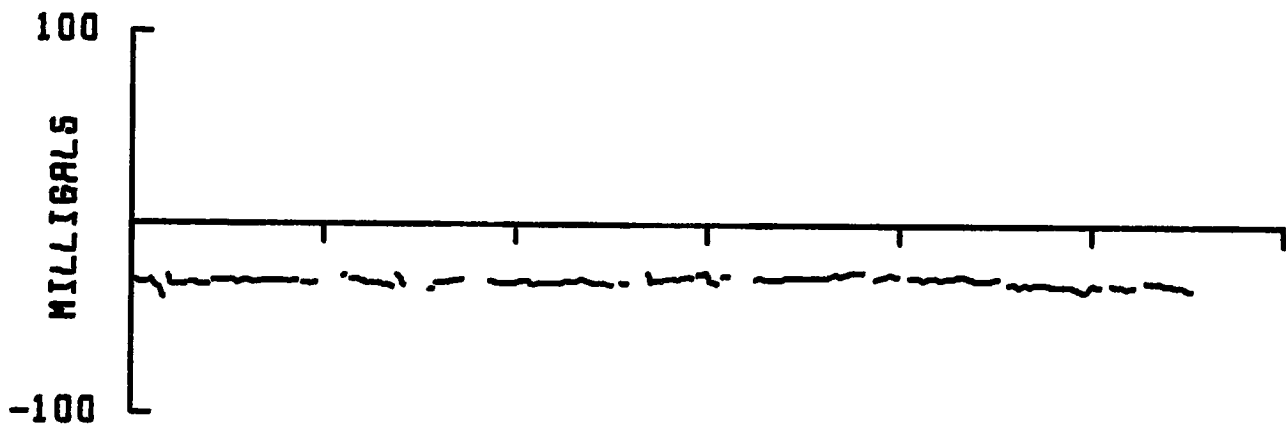


191 0300 041.48N
059.78W

191 1000 040.21N
059.08W

1/1000000 AT 46 N

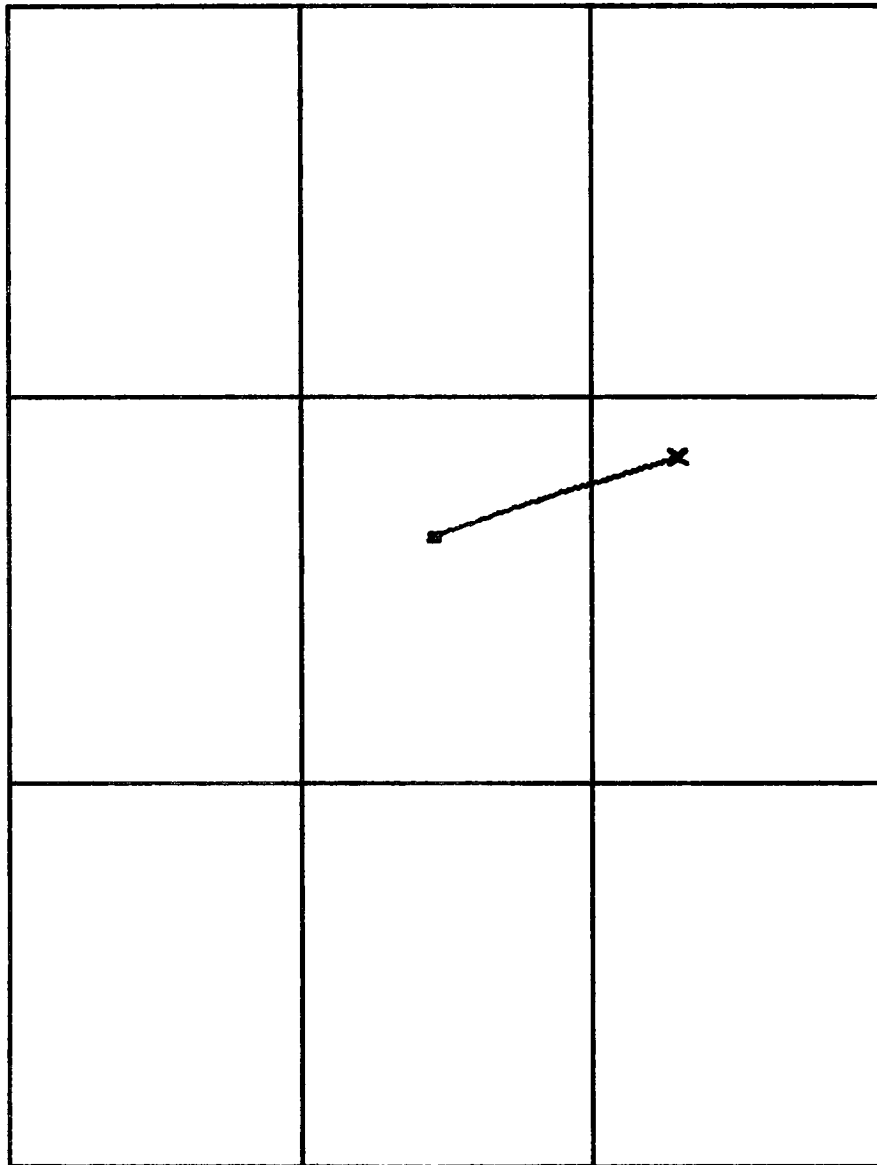




191 2300 041.41N
069.93W

191 1108 040.18N
069.17W

1/1000000 AT 46 N

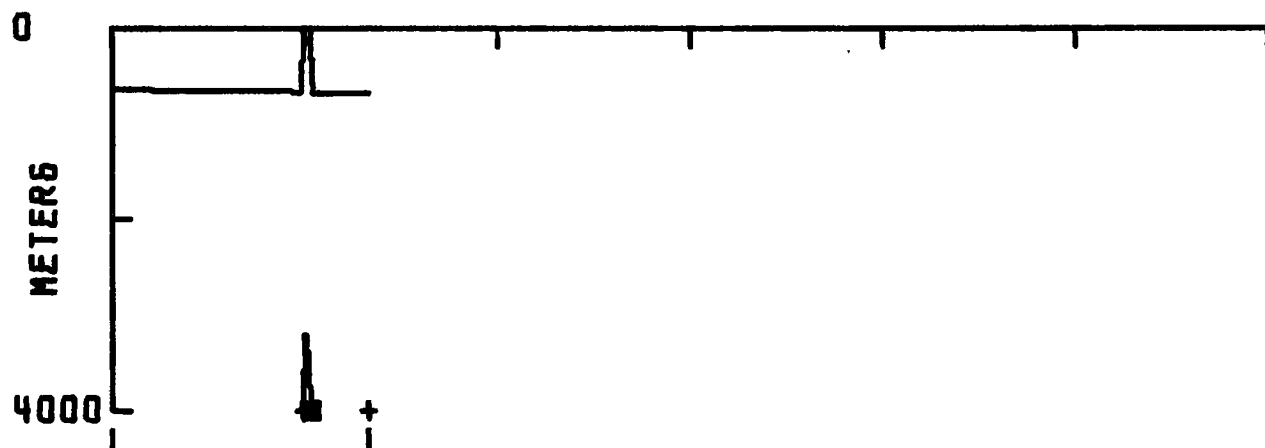
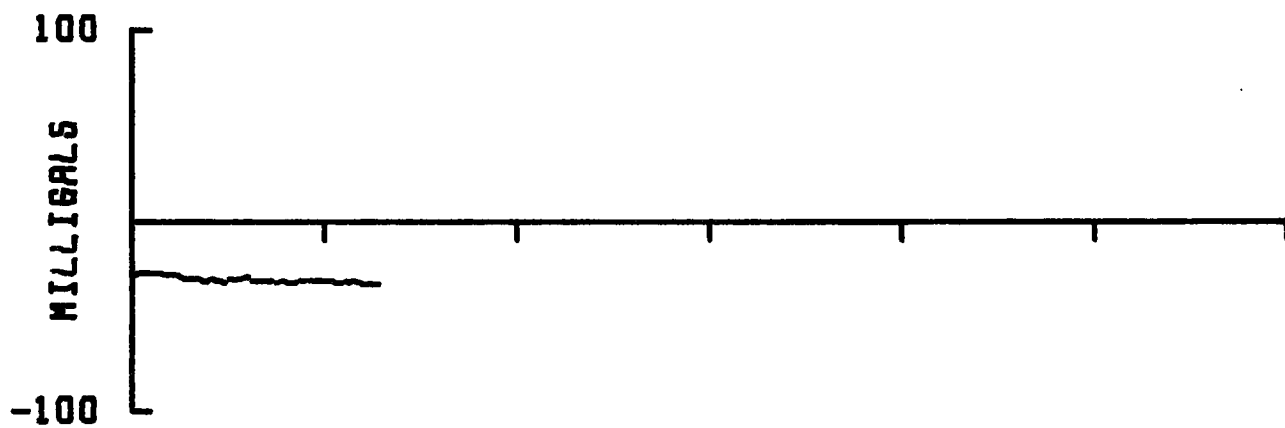
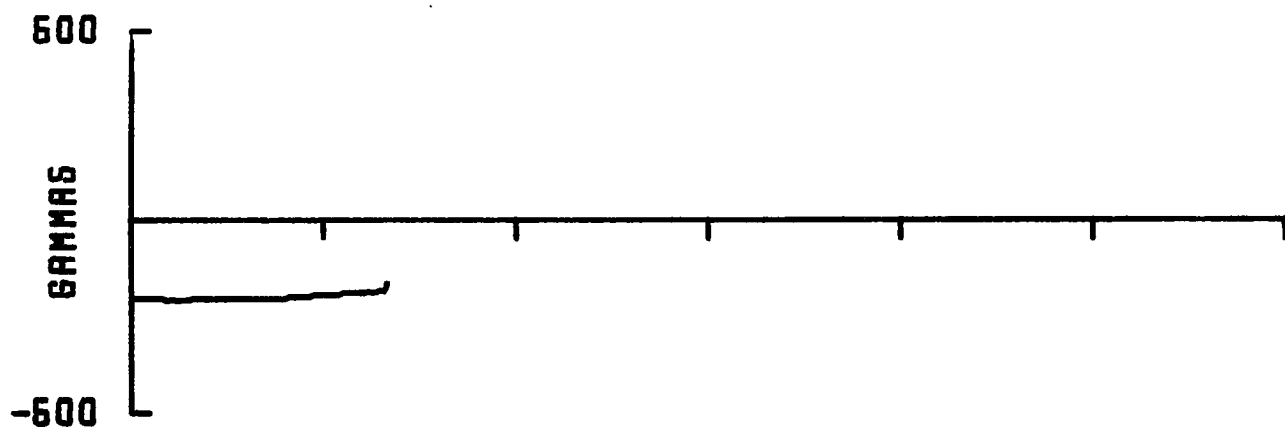


42.0 N

40.5 N

61.0 W

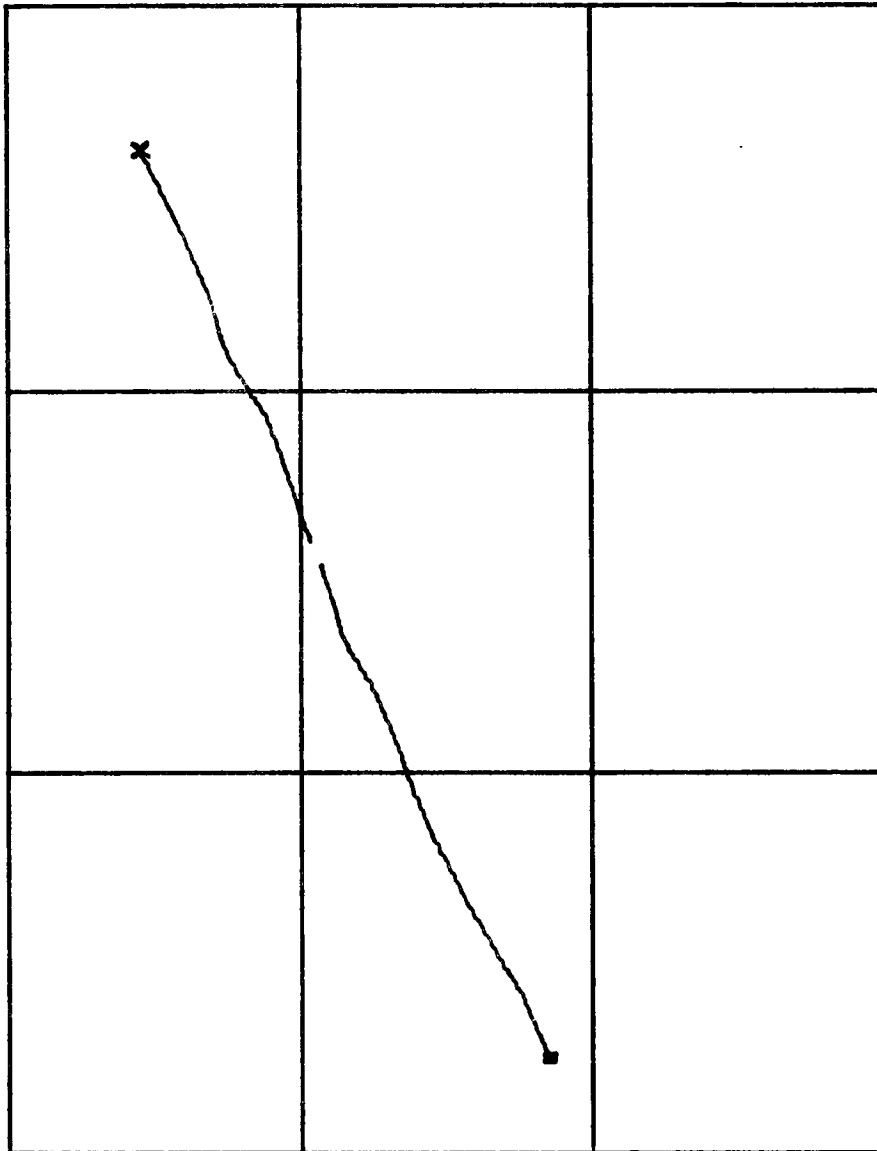
59.5 W



192 0818 041.32N
060.27W

192 0440 041.42N
069.86W

1/1000000 AT 46 N



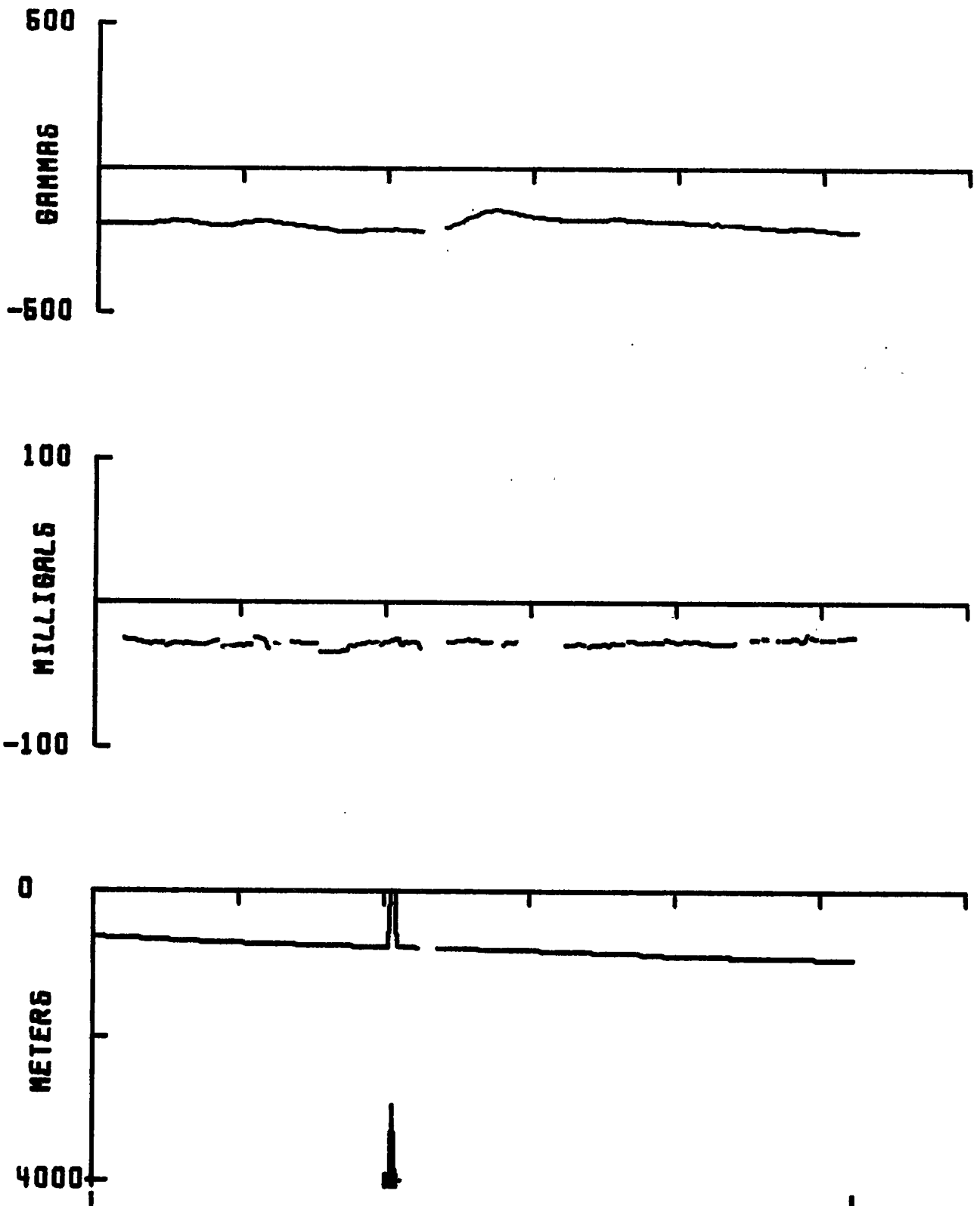
41.5 N



40.0 N

60.5 W

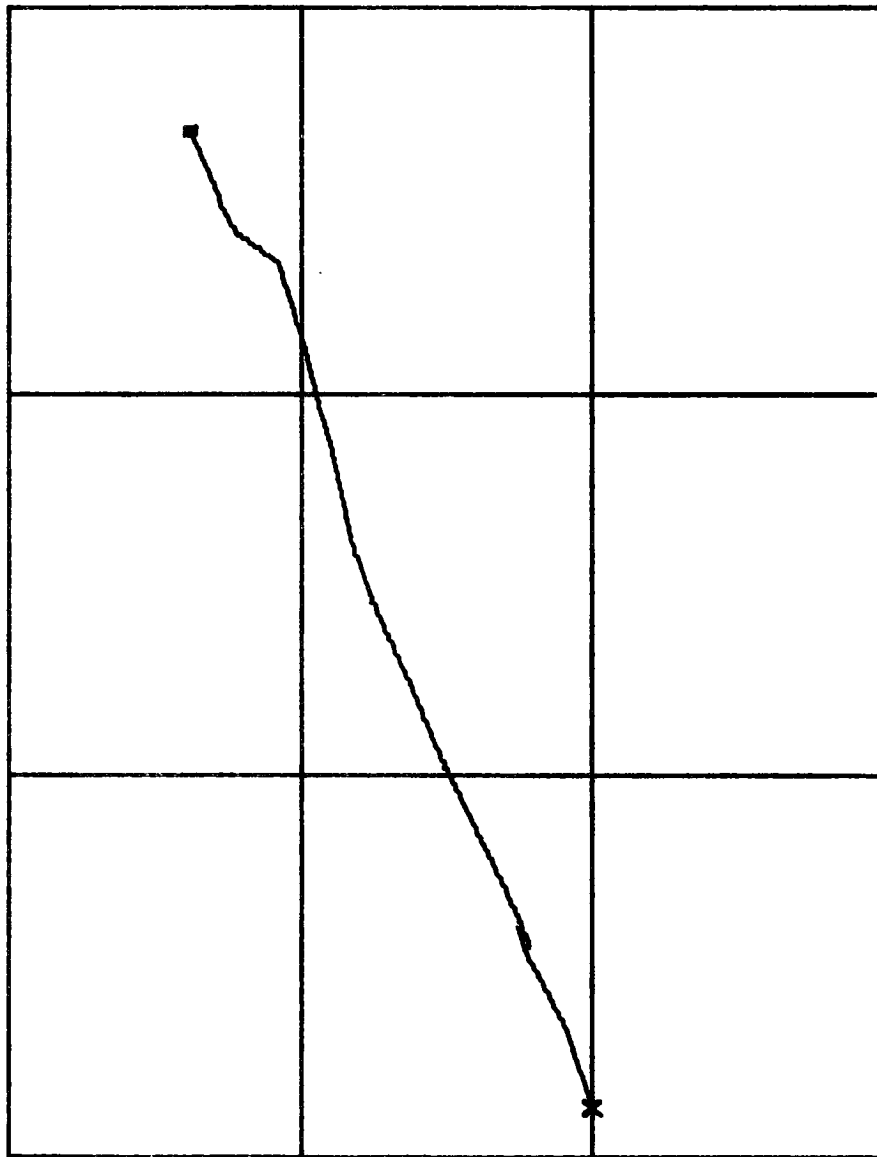
69.0 W



192 0822 041.31N
060.27W

192 2300 040.13N
069.67W

1/1000000 AT 46 N



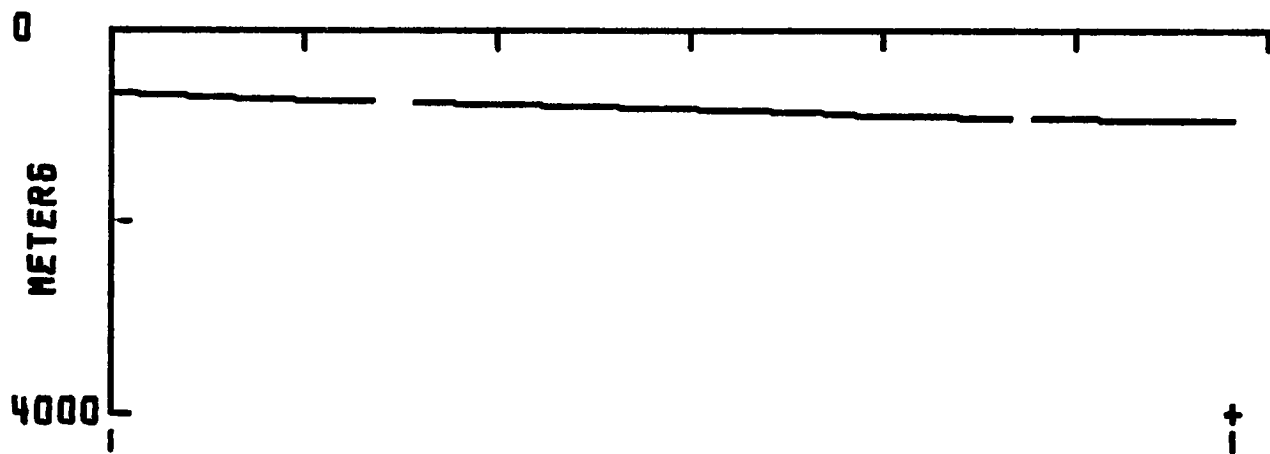
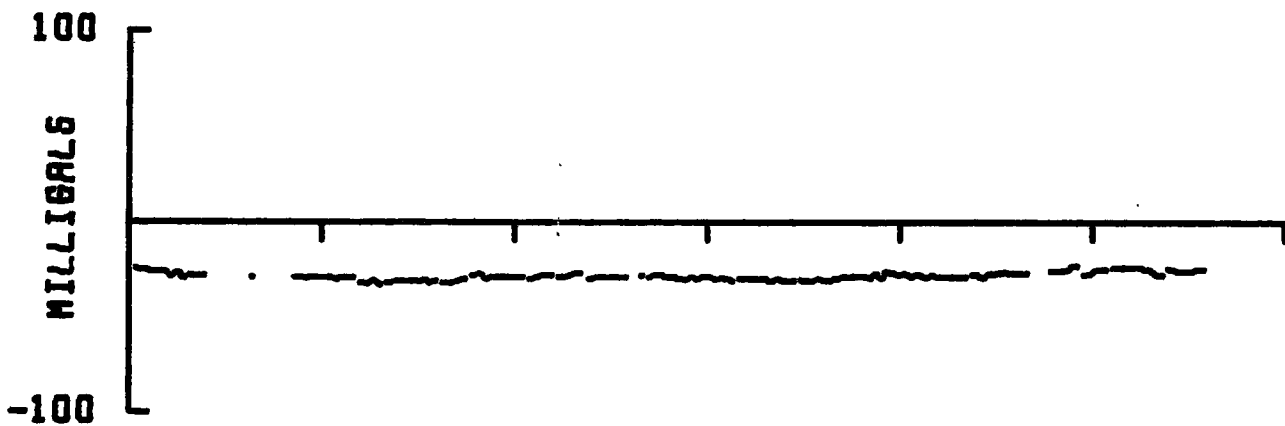
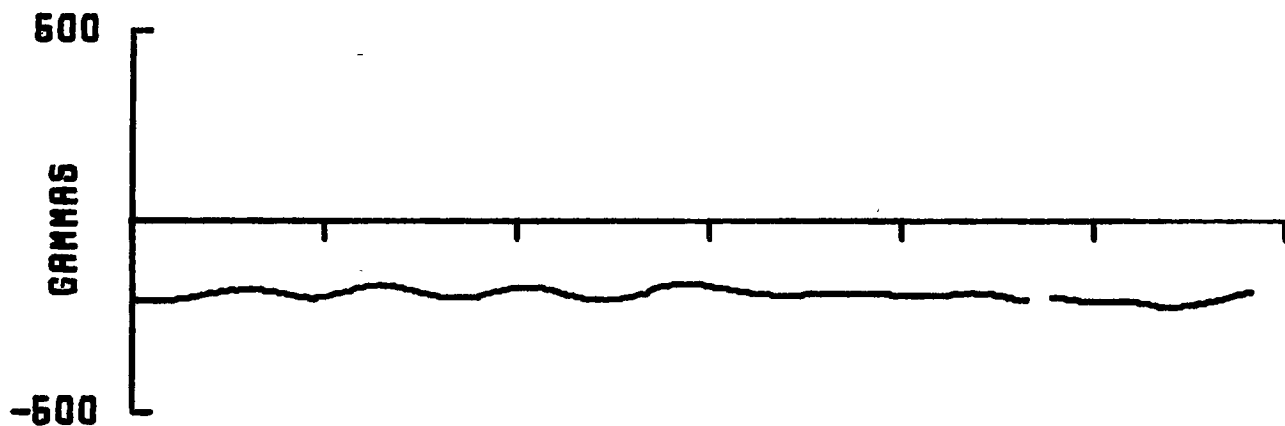
41.5 N



40.0 N

60.5 W

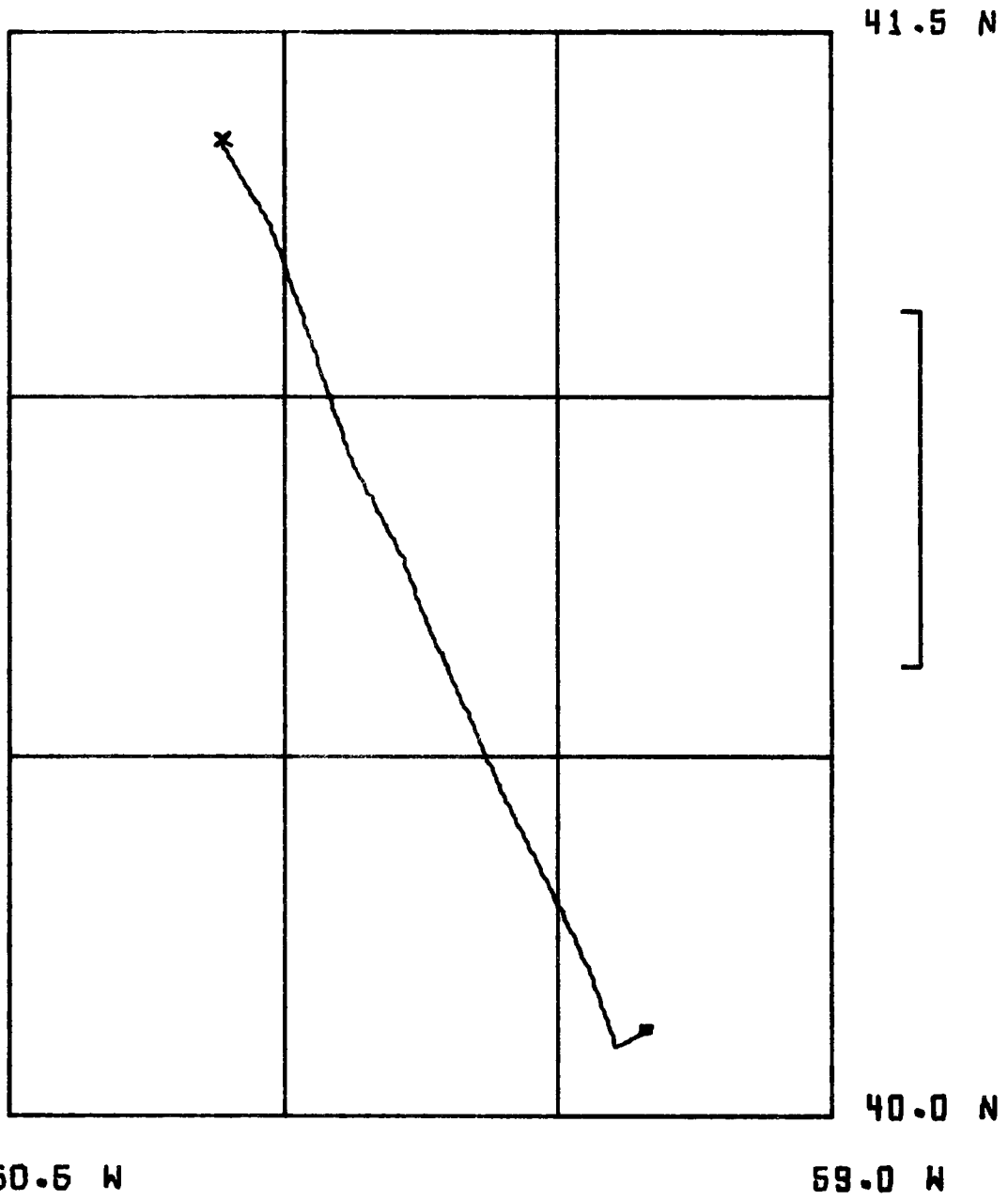
59.0 W

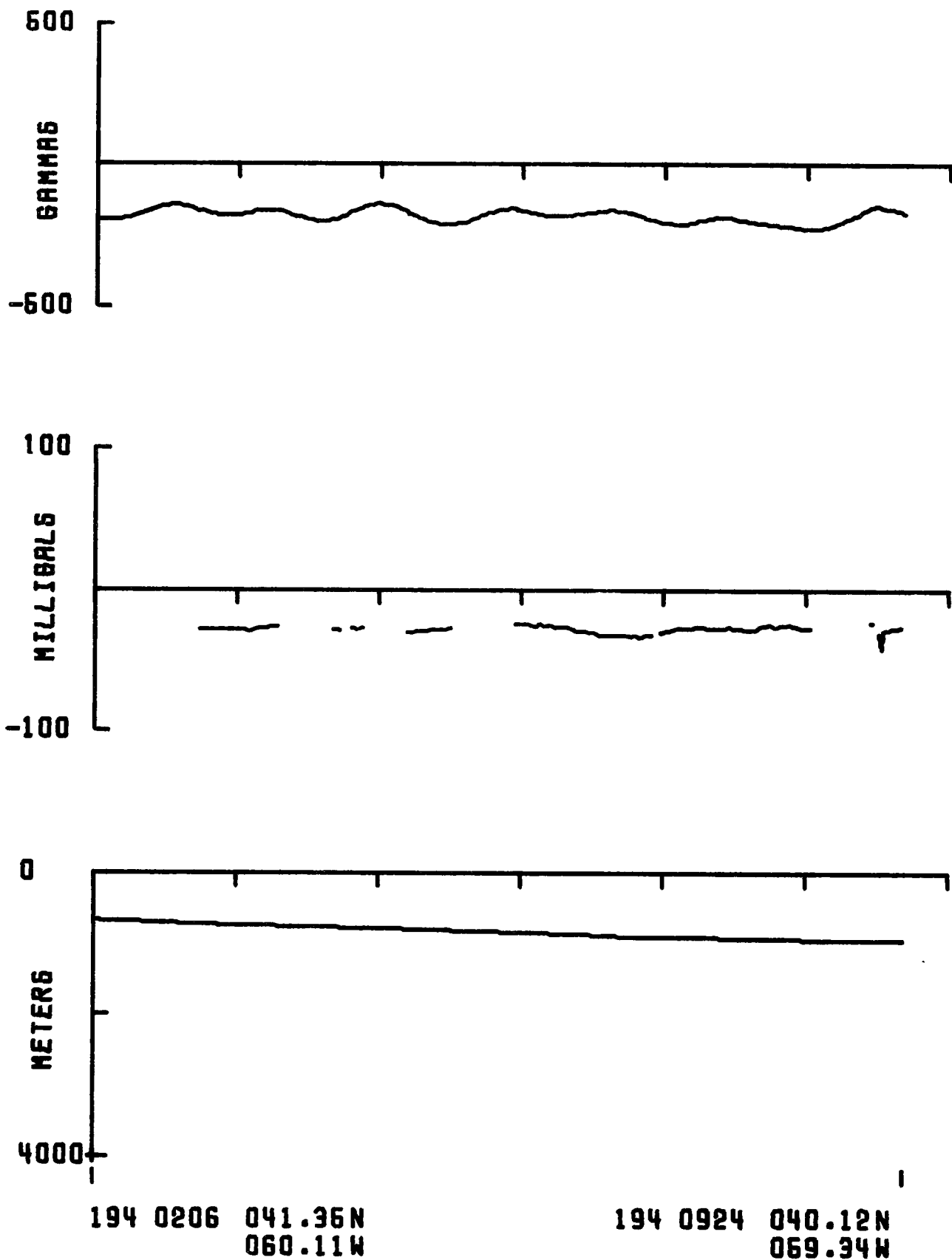


199 1610 041.34N
060.19W

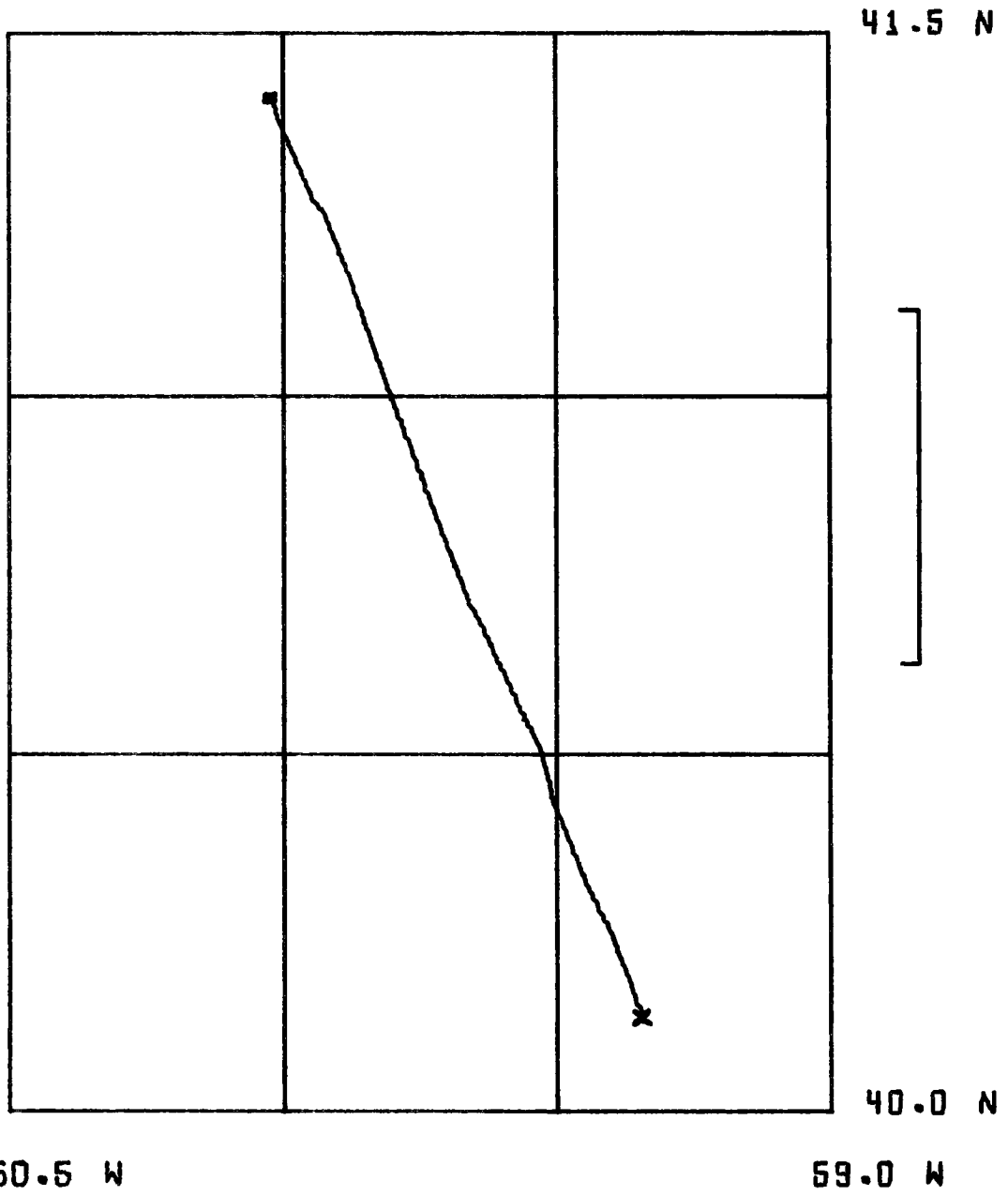
199 0020 040.06N
069.60W

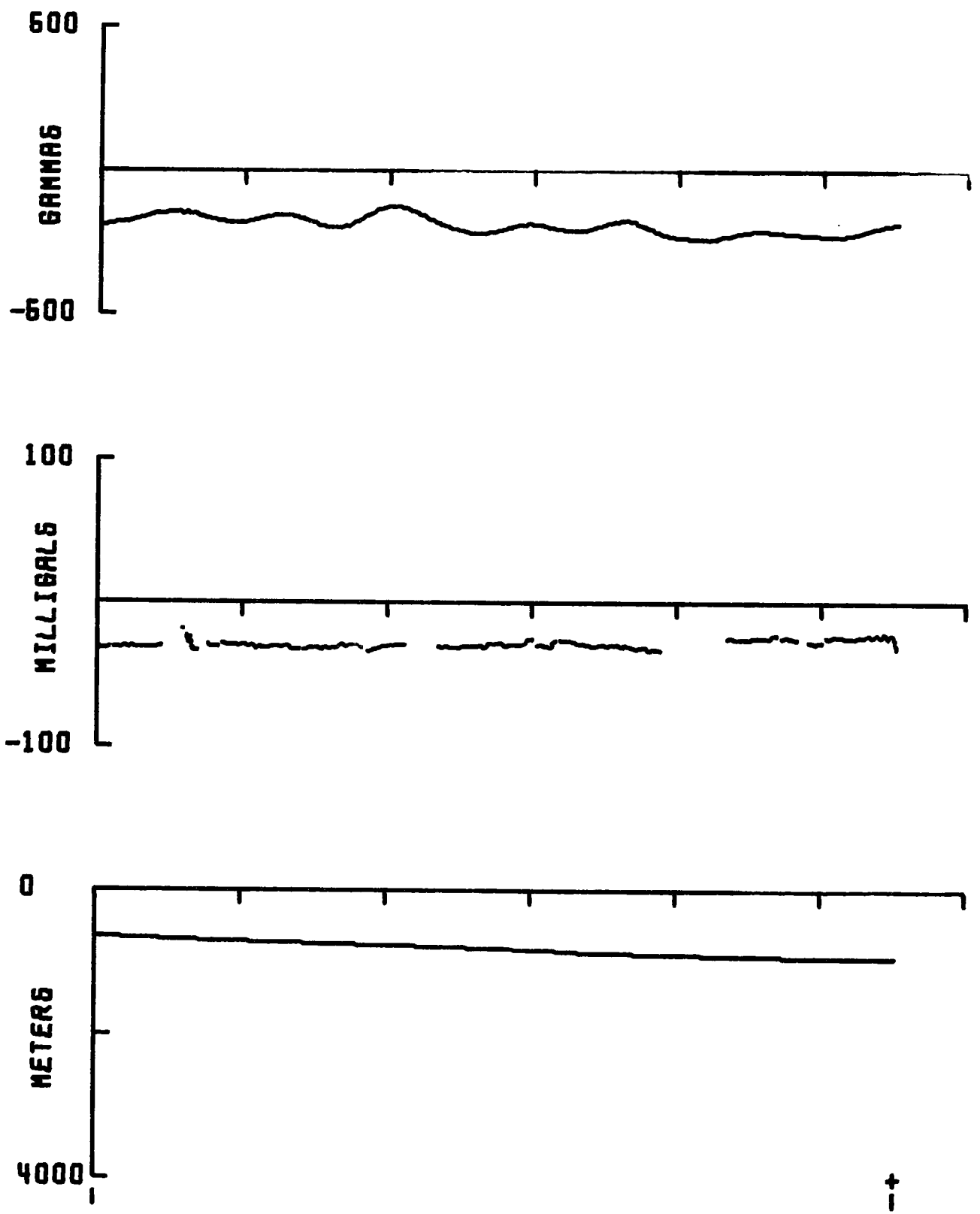
1/1000000 AT 46 N





1/1000000 AT 46 N

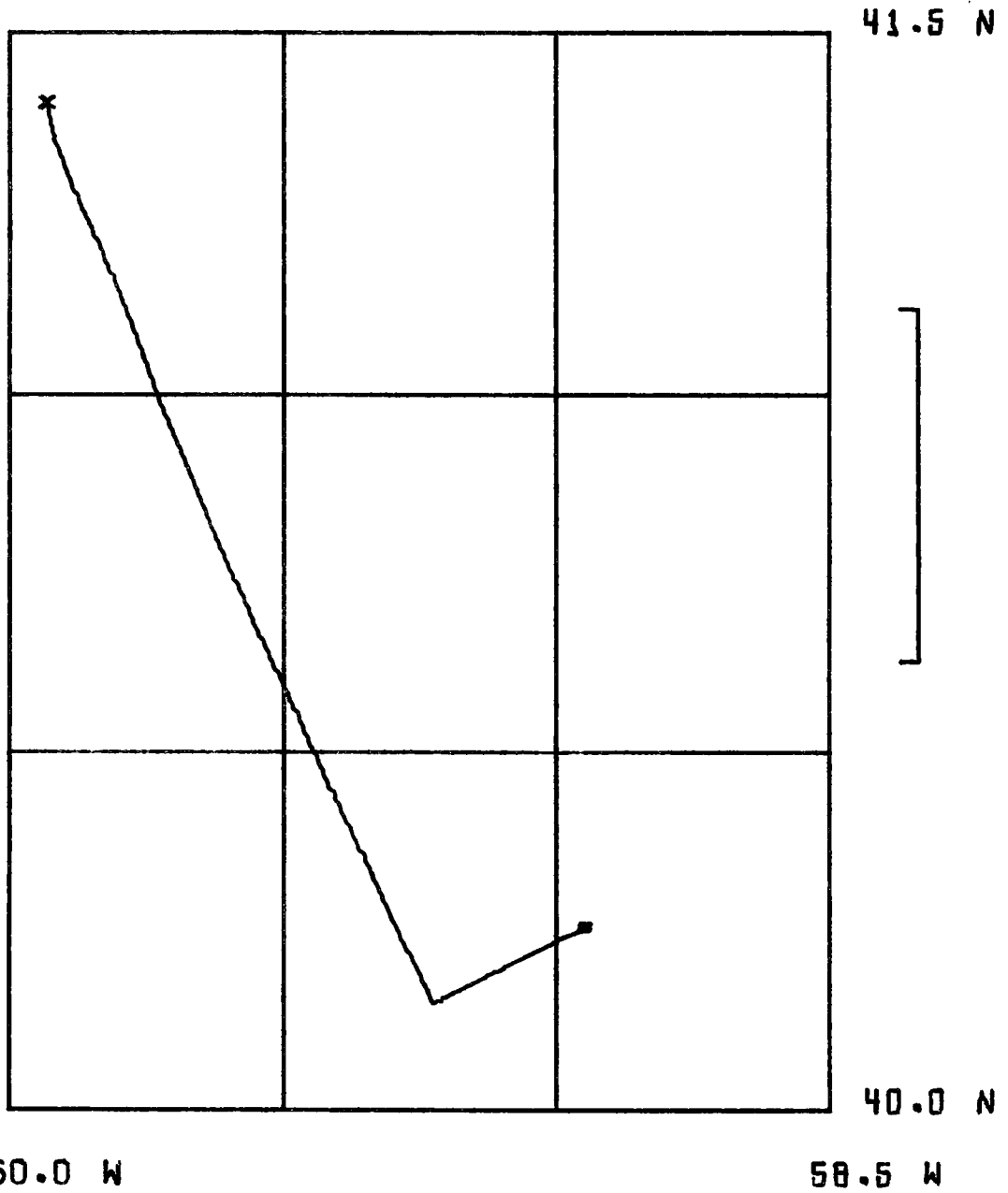


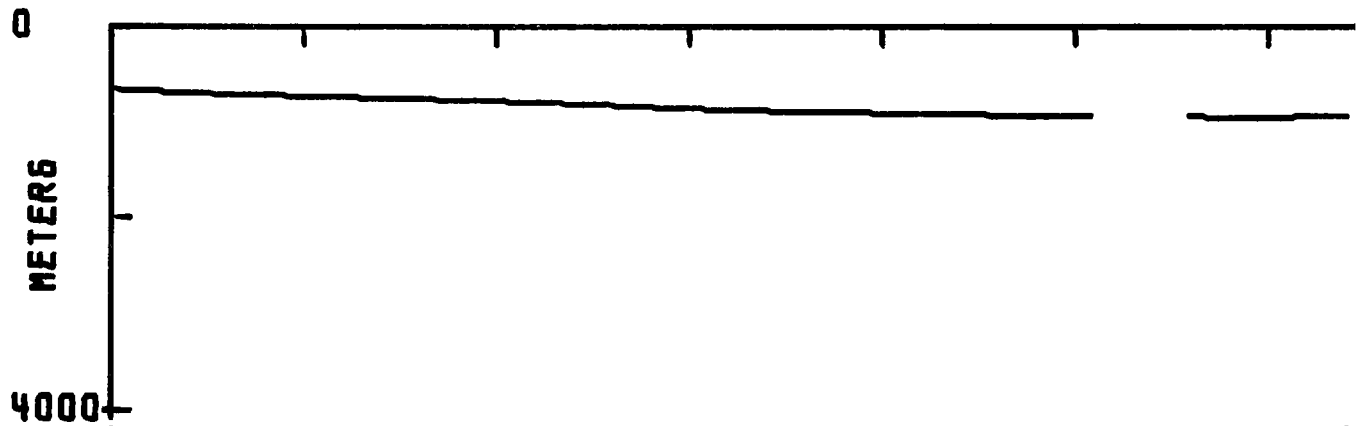
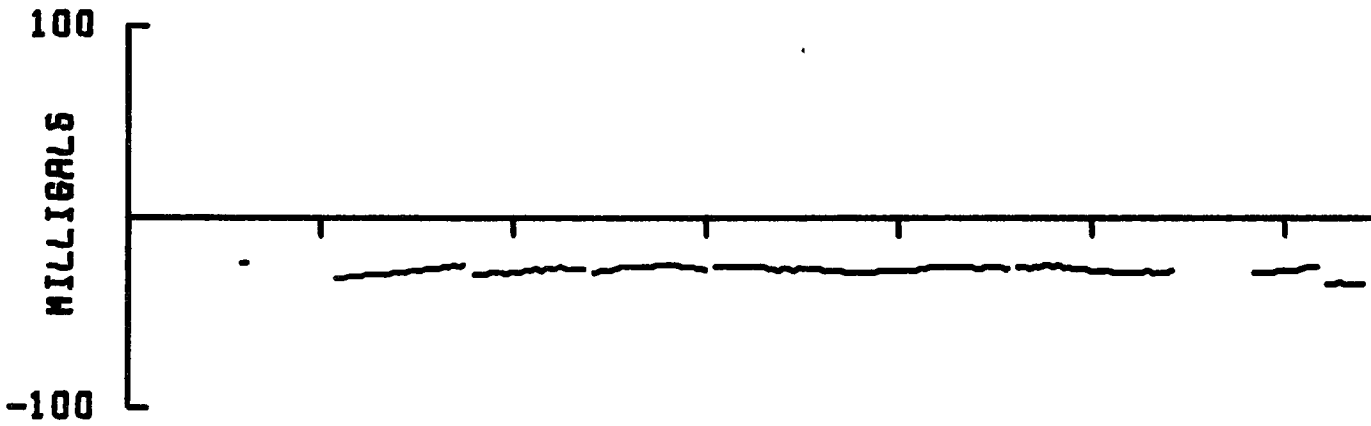
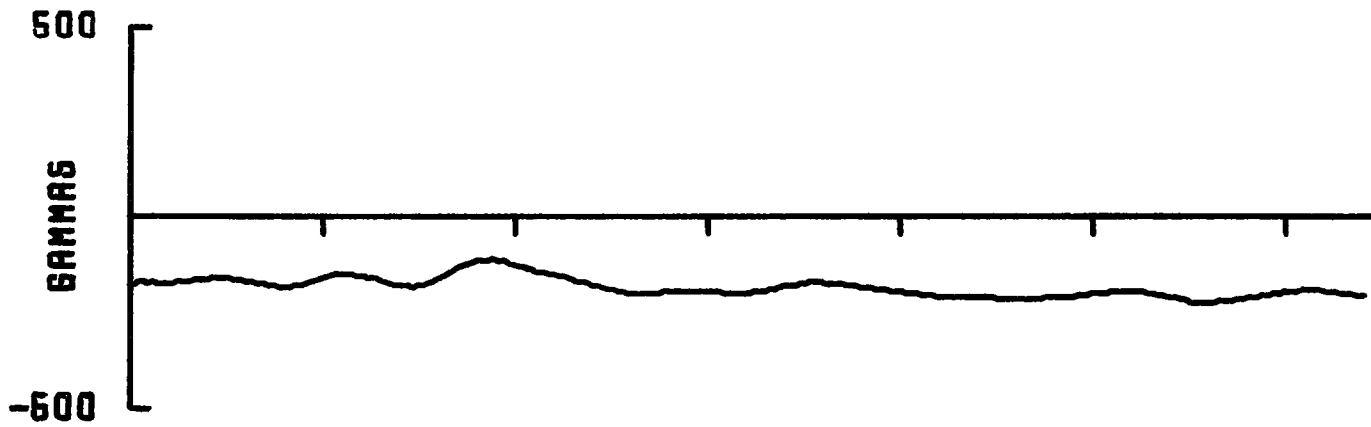


194 2154 041.41N
060.02W

194 0932 040.14N
069.35W

1/1000000 AT 46 N

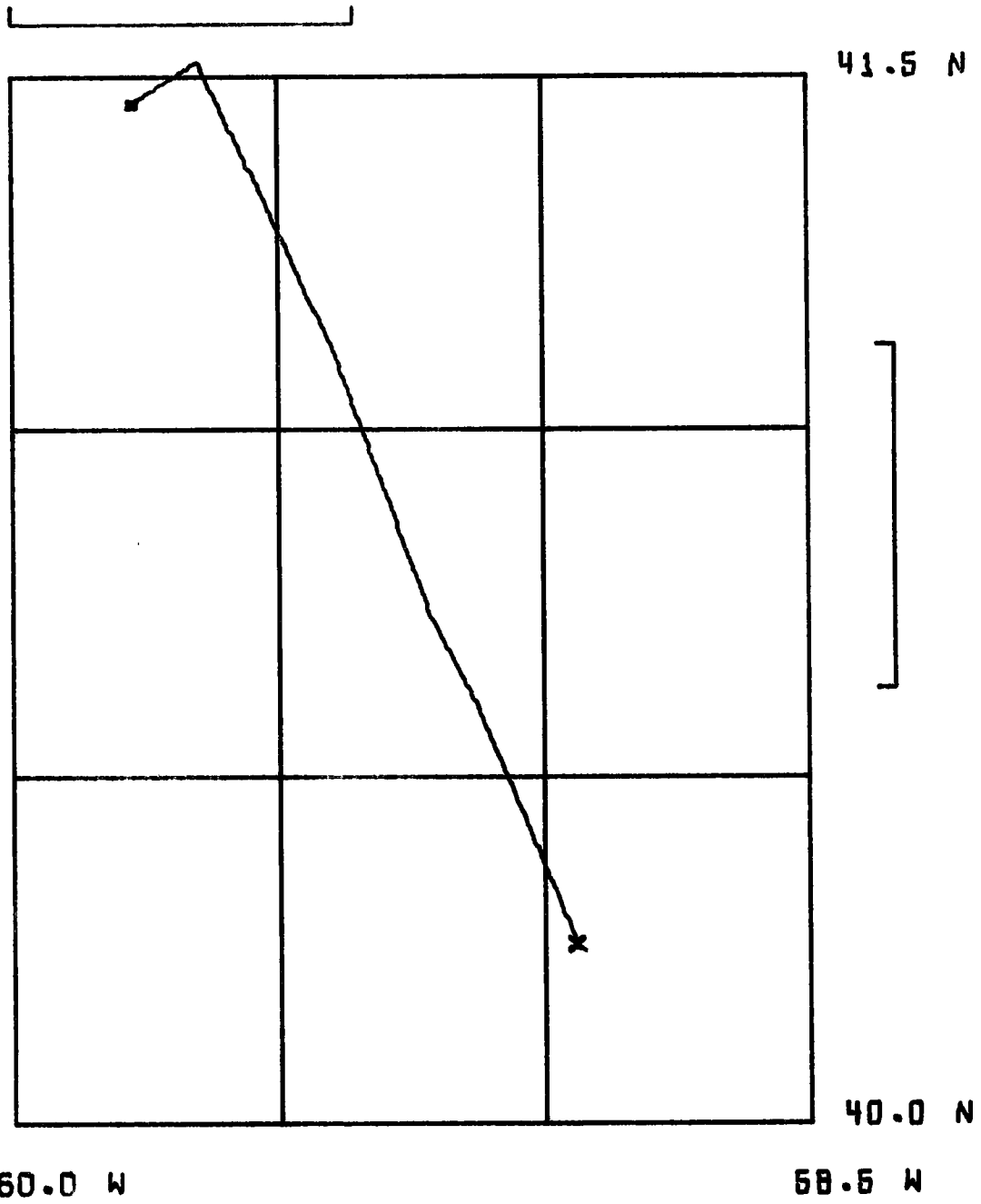


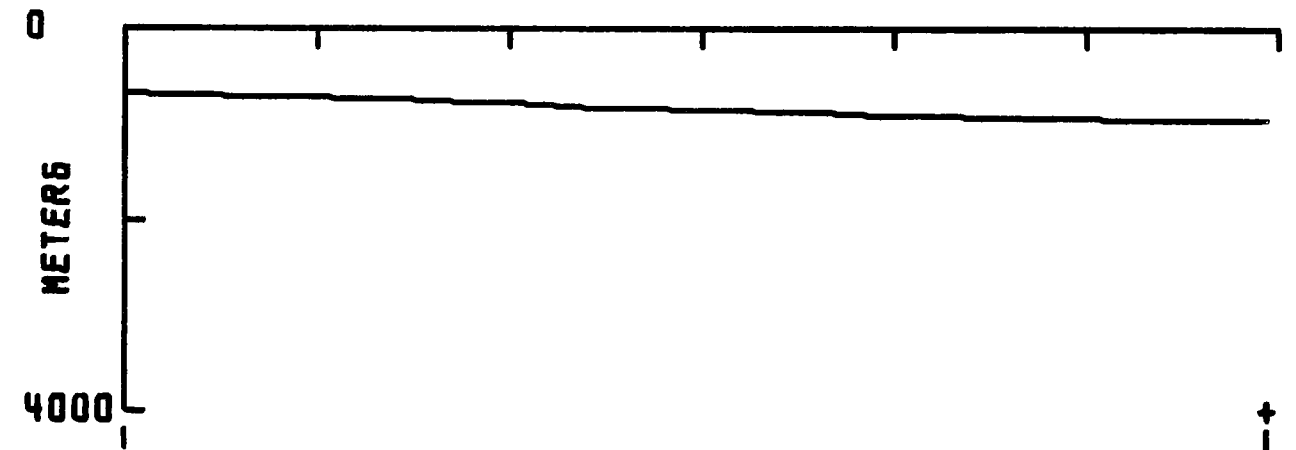
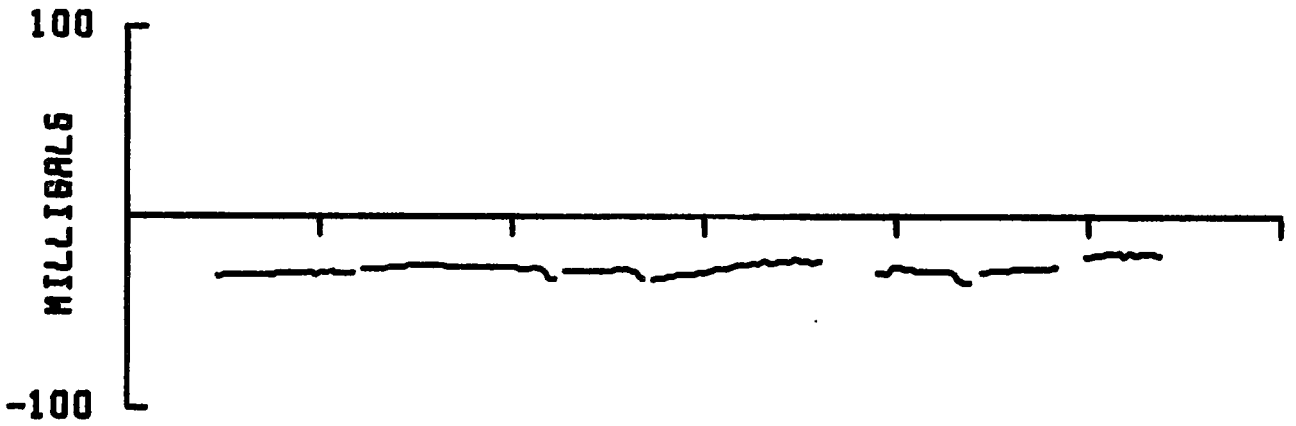
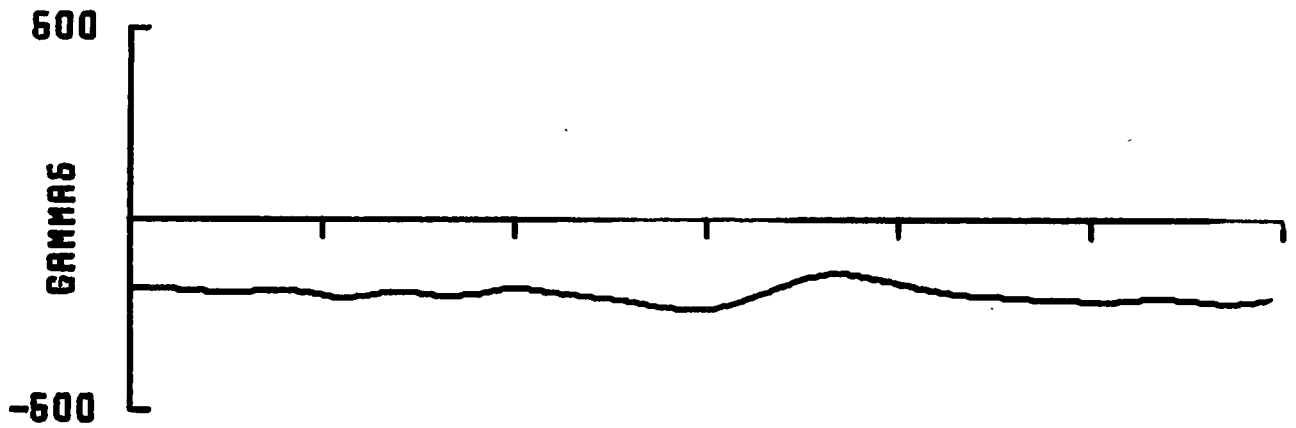


196 0116 041.40N
069.93W

196 0916 040.26N
068.96W

1/1000000 AT 46 N

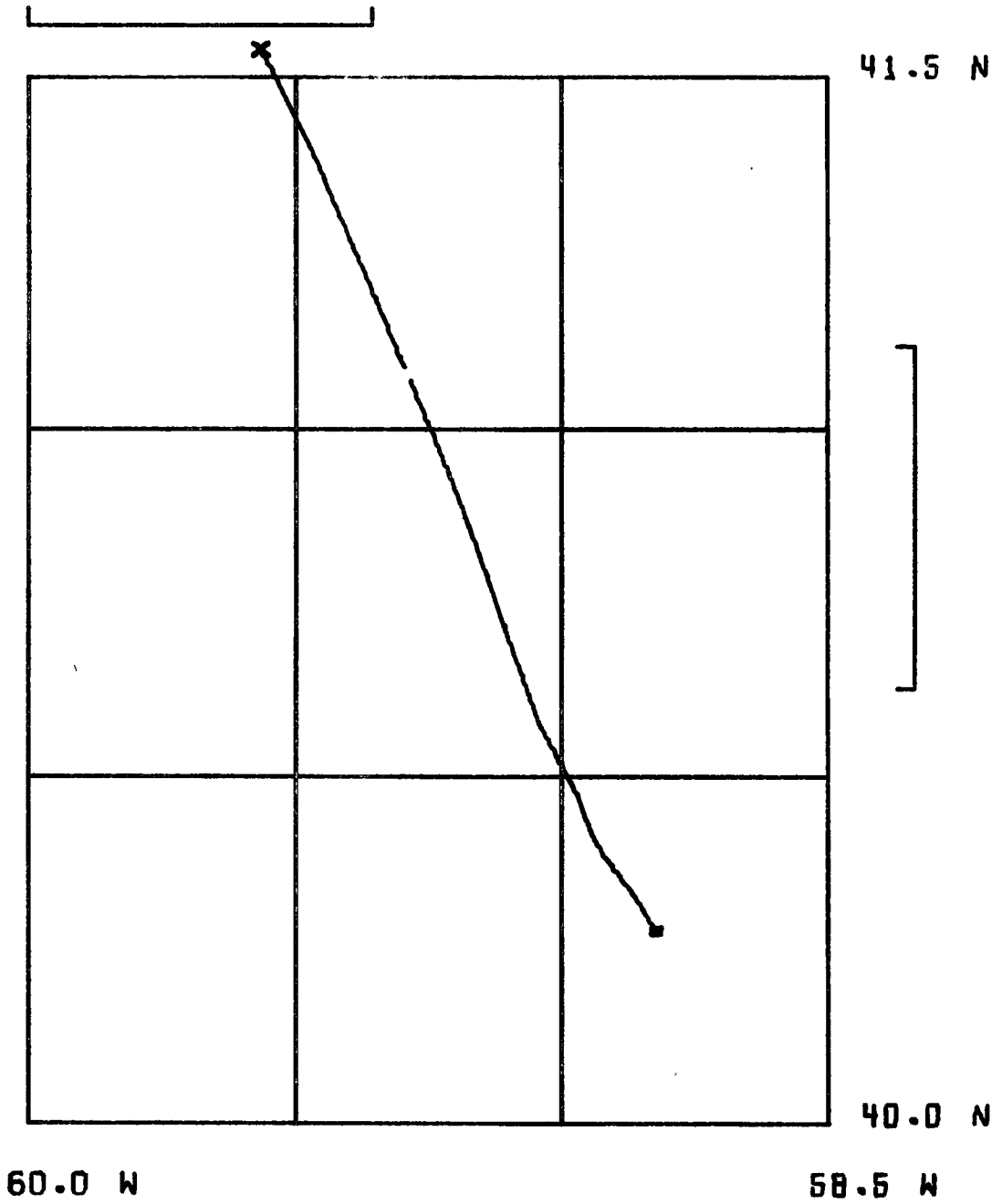


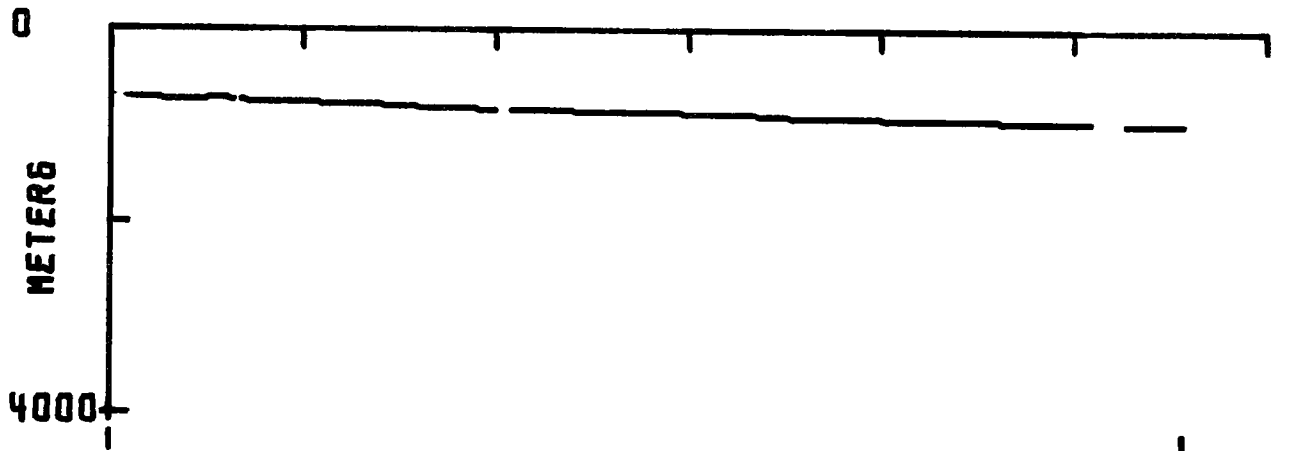
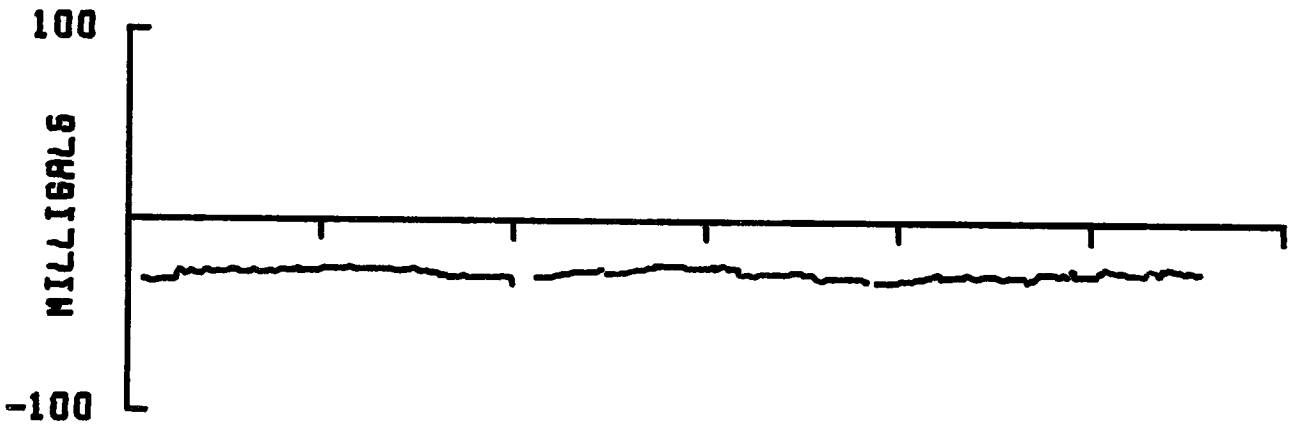


196 1636 041.46N
069.77W

196 0918 040.26N
068.94W

1/1000000 AT 46 N

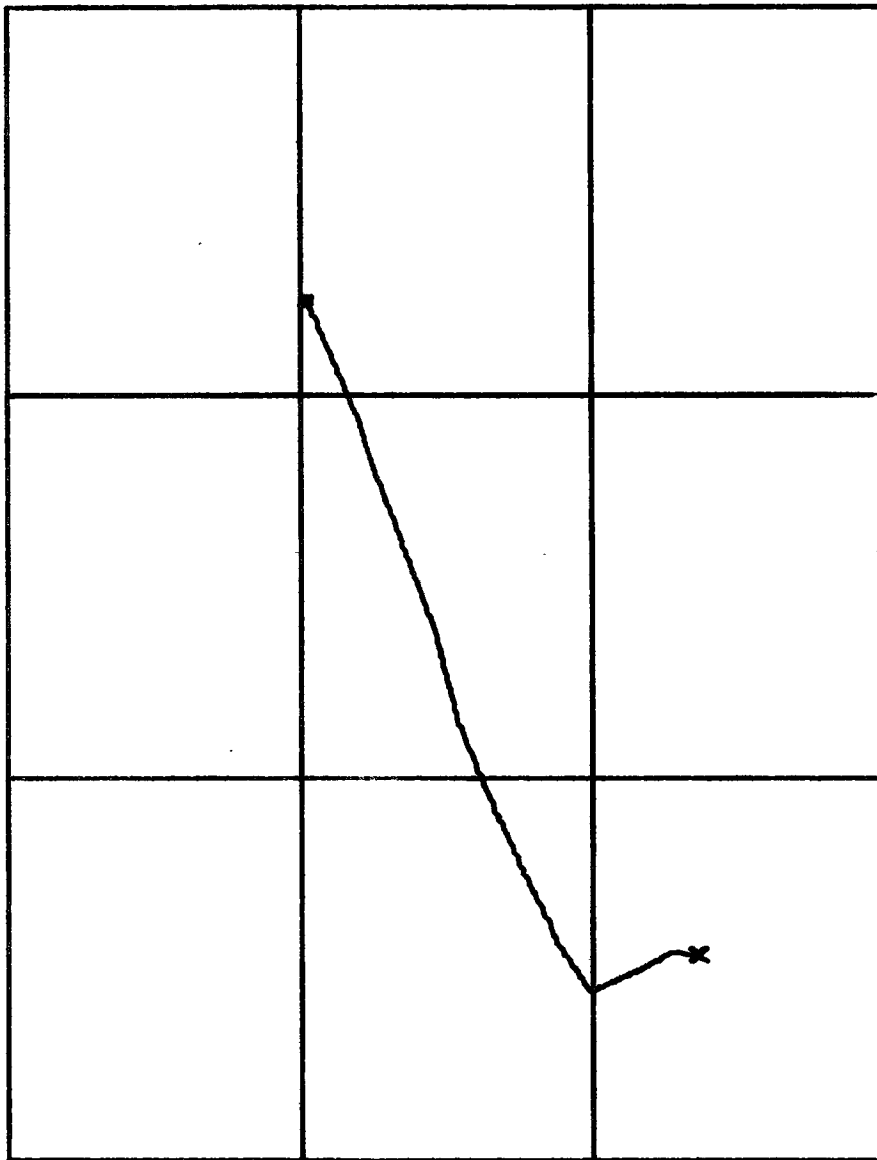




196 2200 041.64N
069.67W

196 1638 040.28N
068.82W

1/1000000 AT 46 N



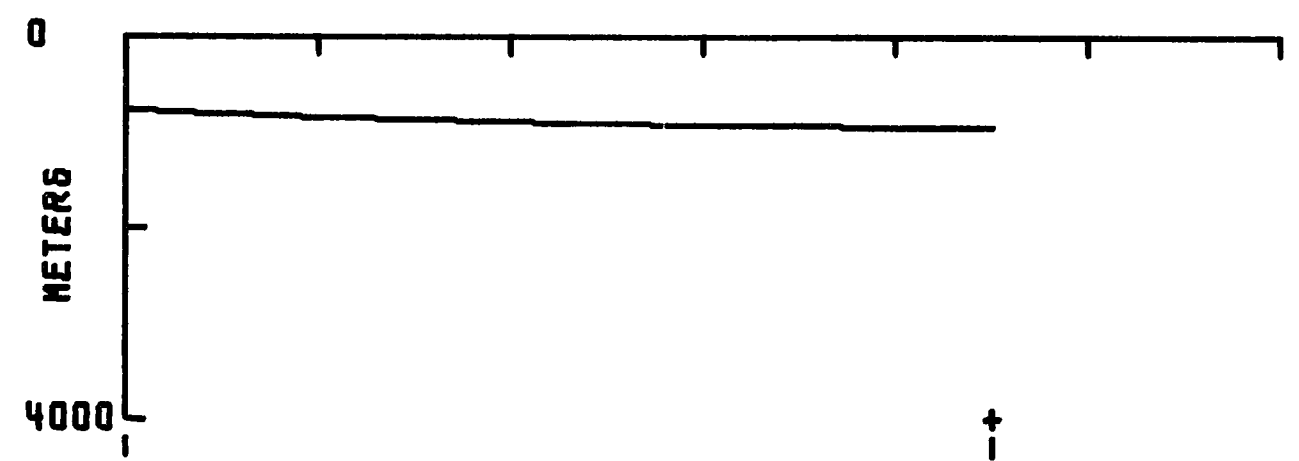
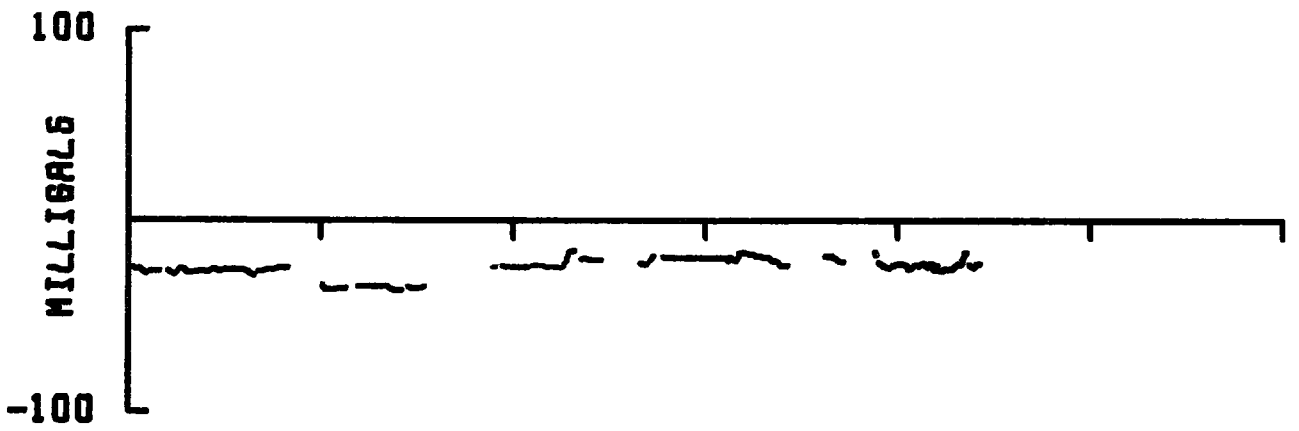
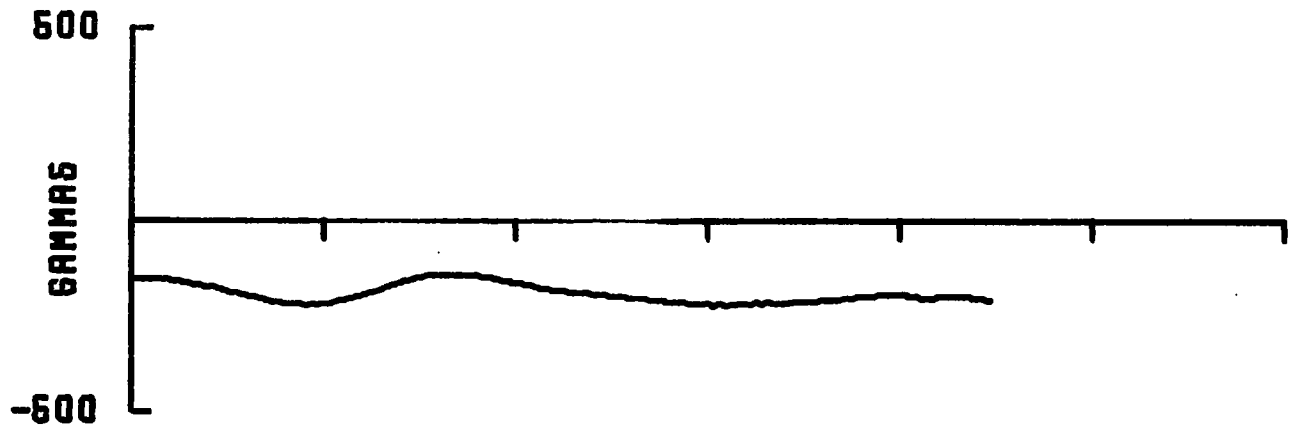
41.5 N



60.0 W

58.5 W

40.0 N

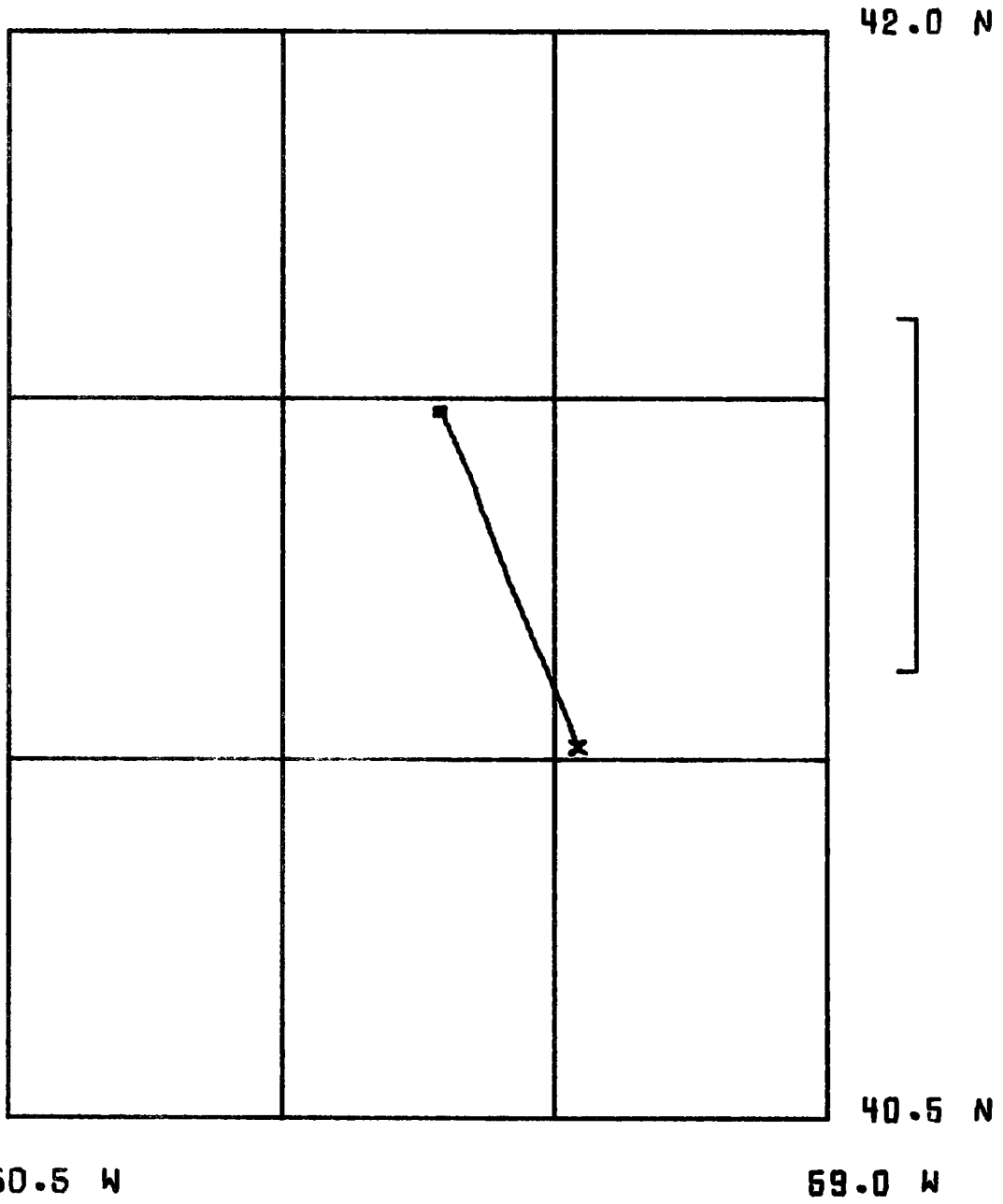


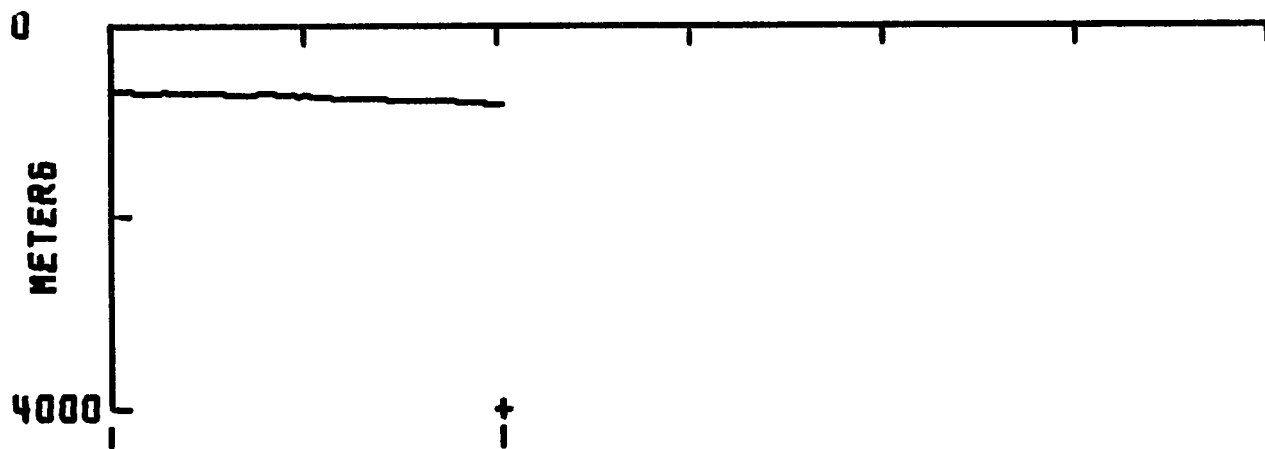
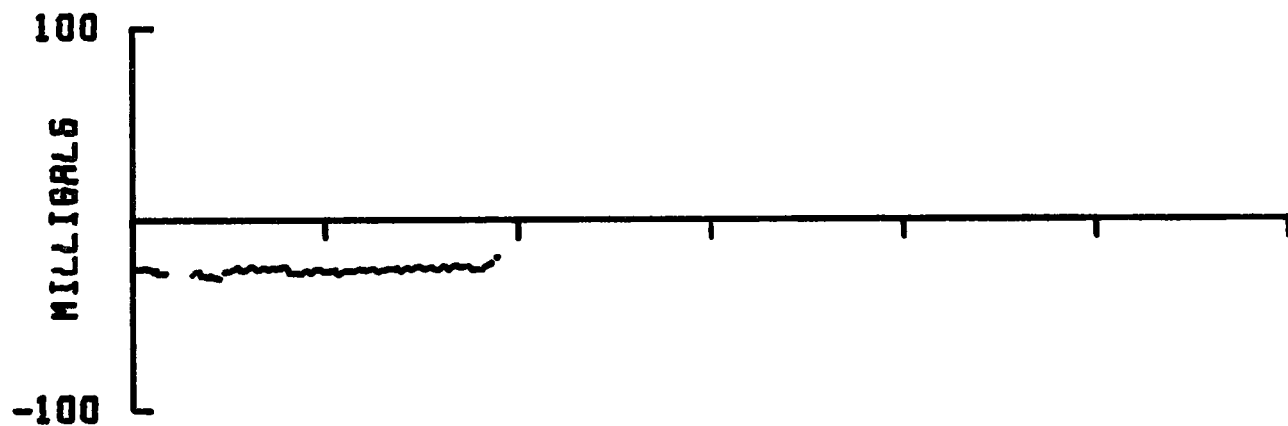
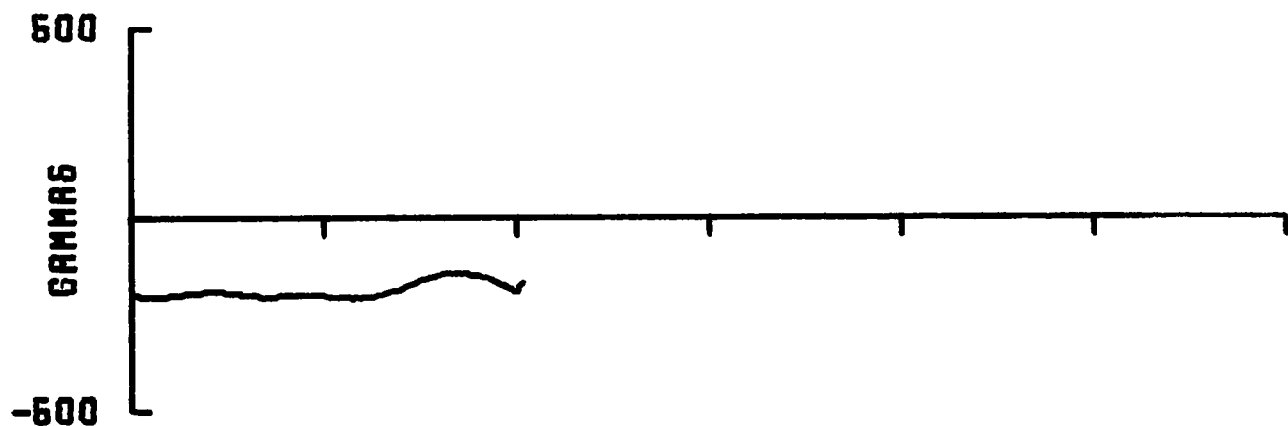
197 0700 041.12N
069.49W

196 1740 040.27N
068.82W

†

1/1030000 AT 46 N

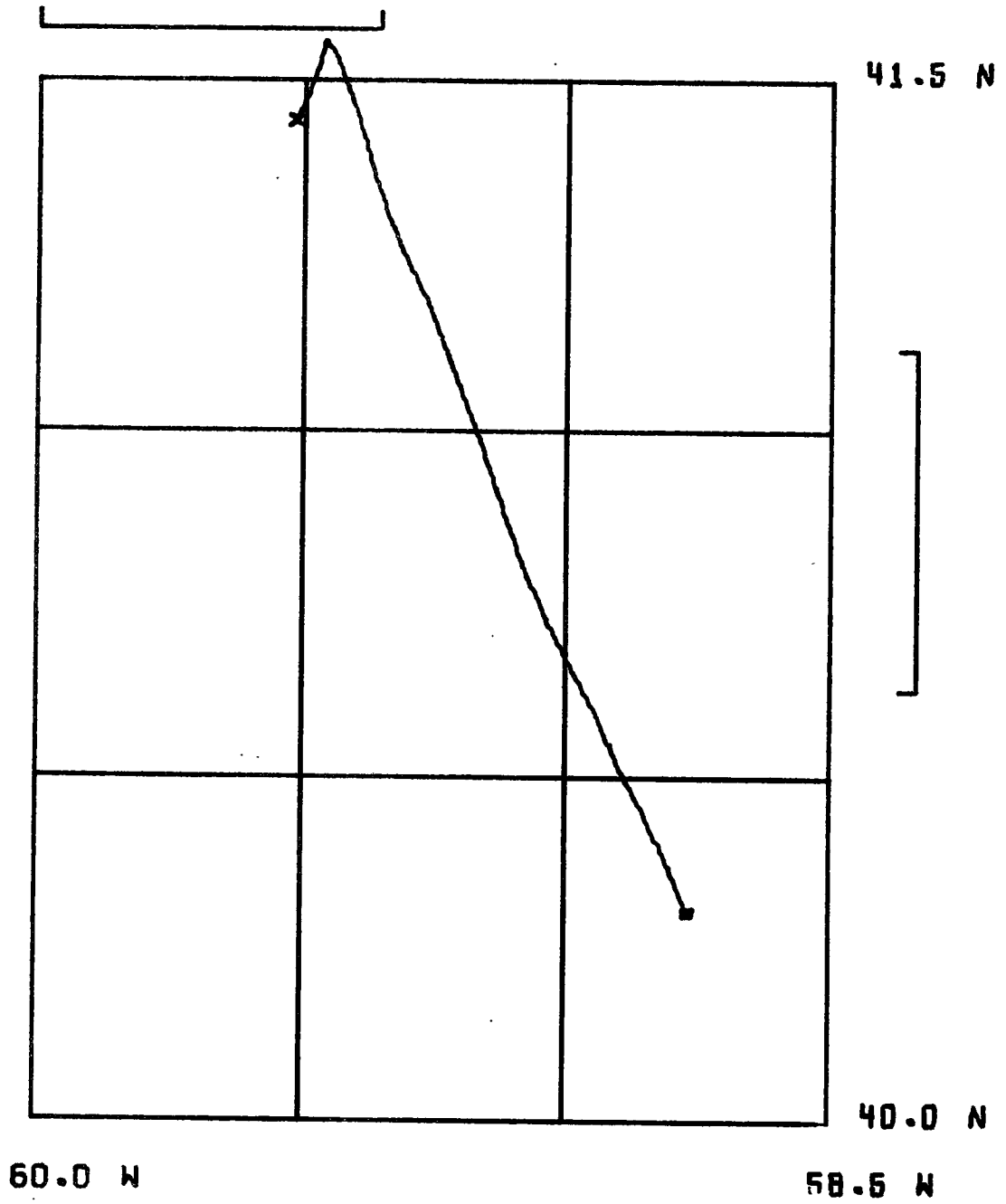


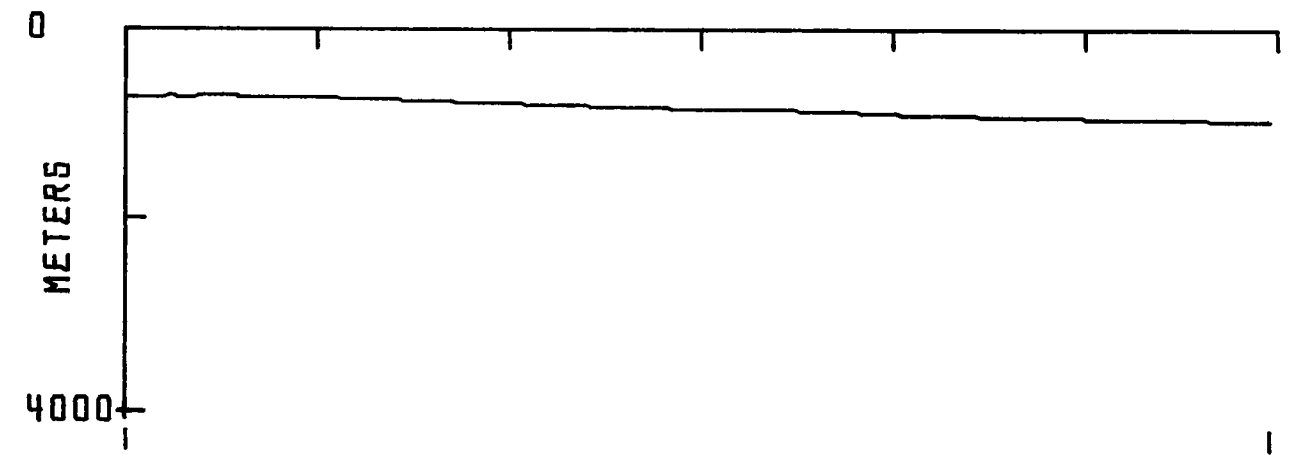
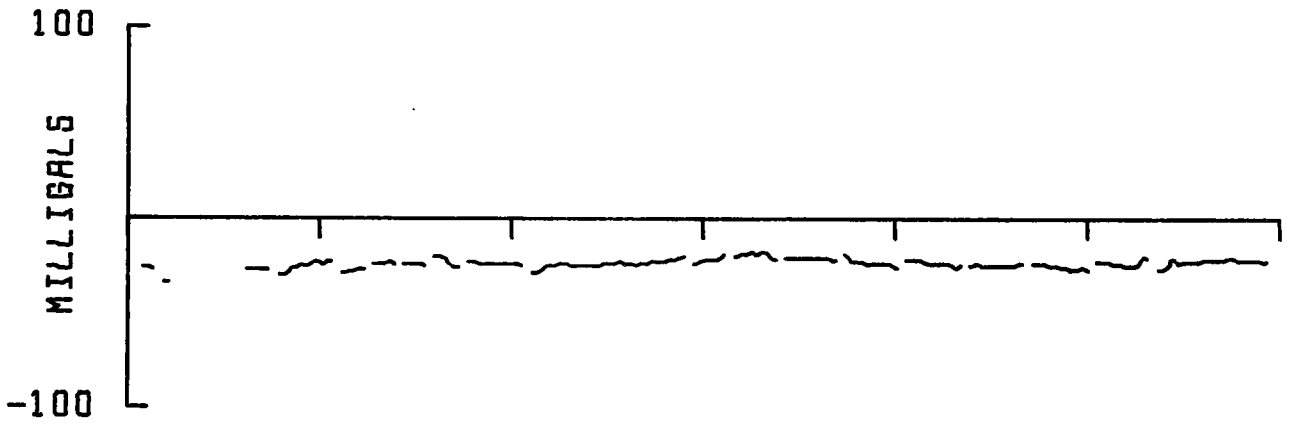
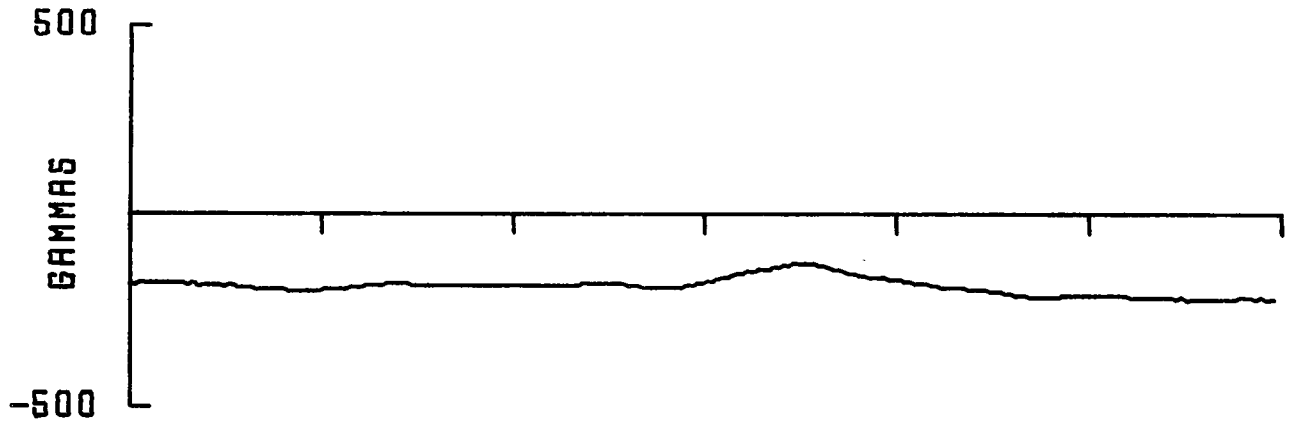


197 1640 041.48N
069.71W

197 0840 041.02N
069.46W

1/1000000 AT 46 N

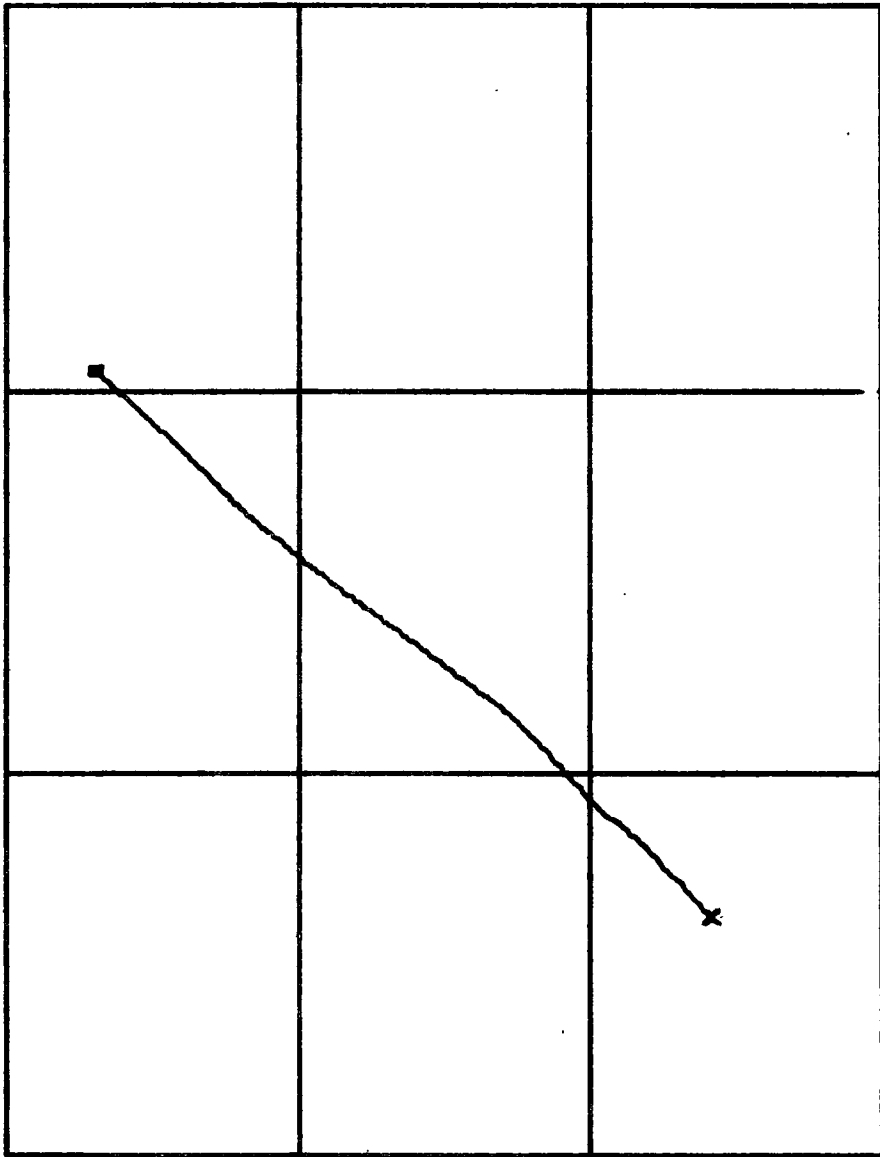




198 0500 041.44N
059.51W

198 1224 040.30N
058.77W

1/1000000 AT 46° N



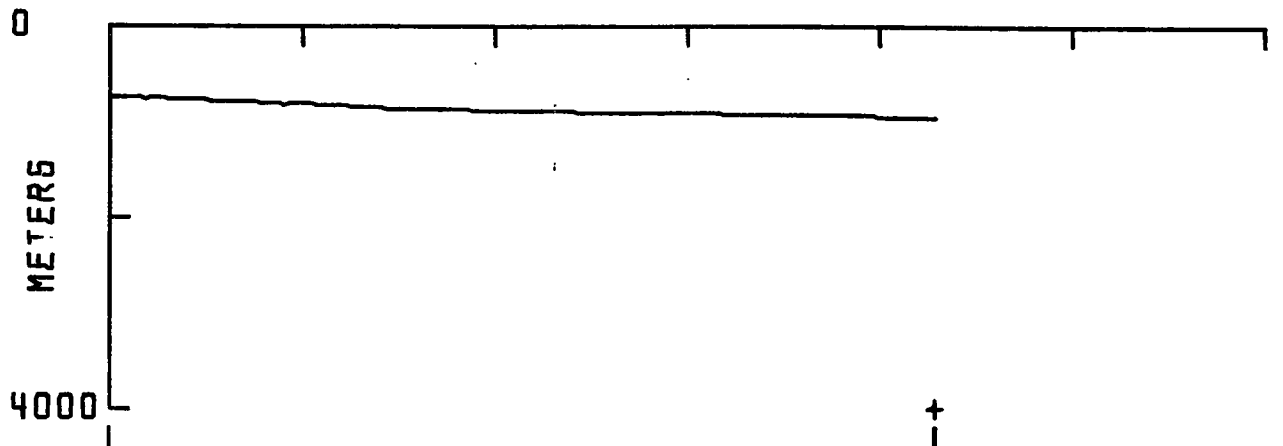
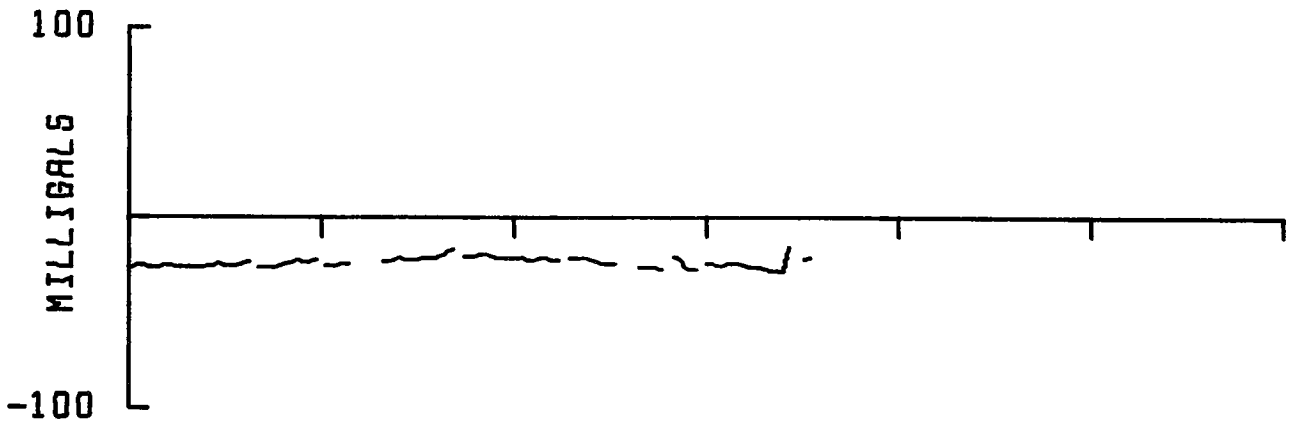
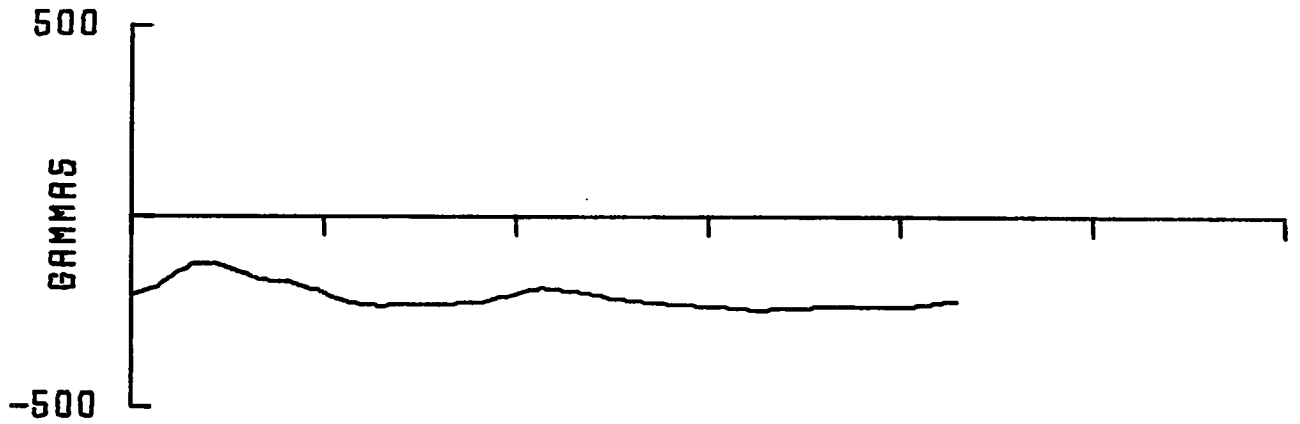
41.5 N



40.0 N

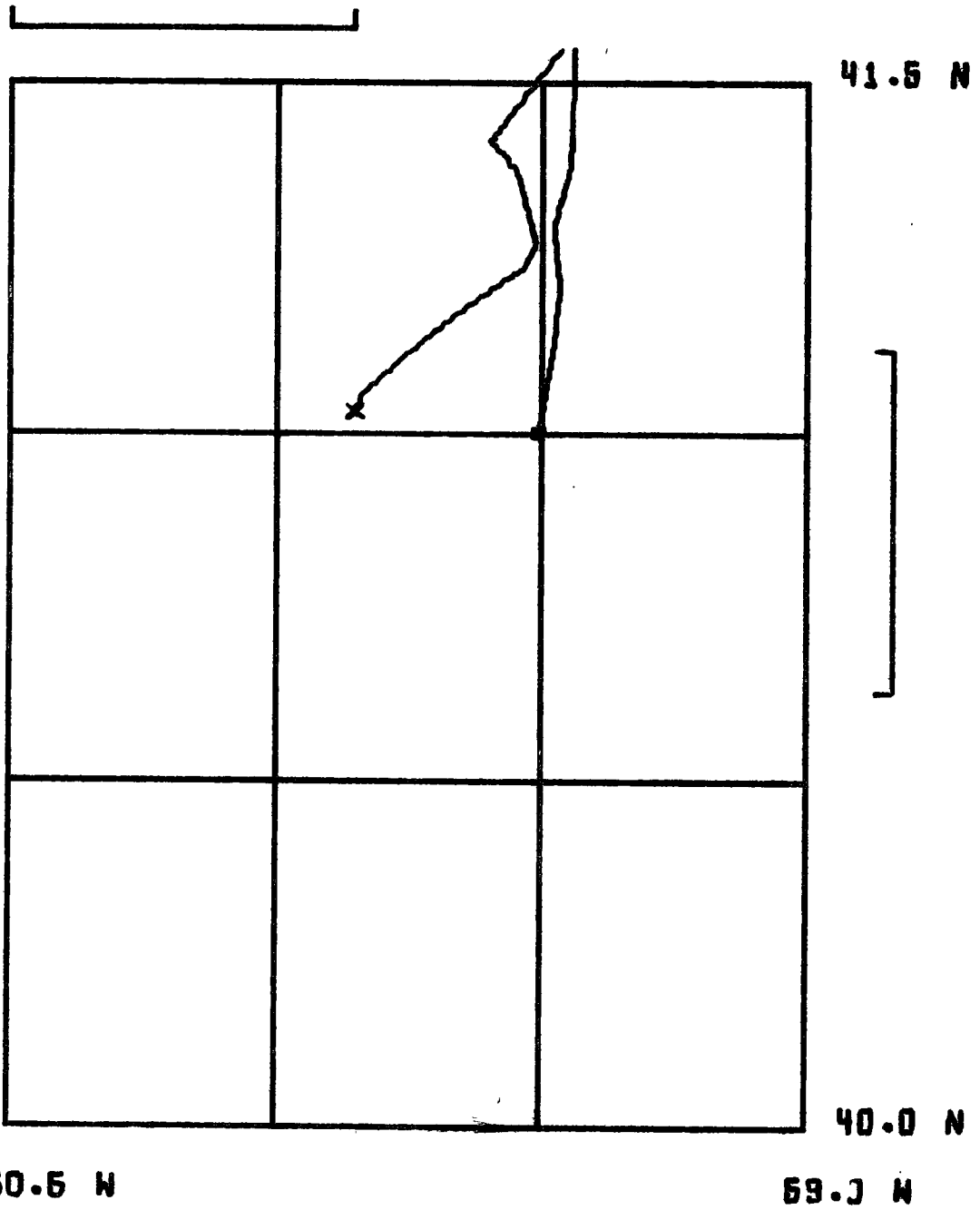
60.0 W

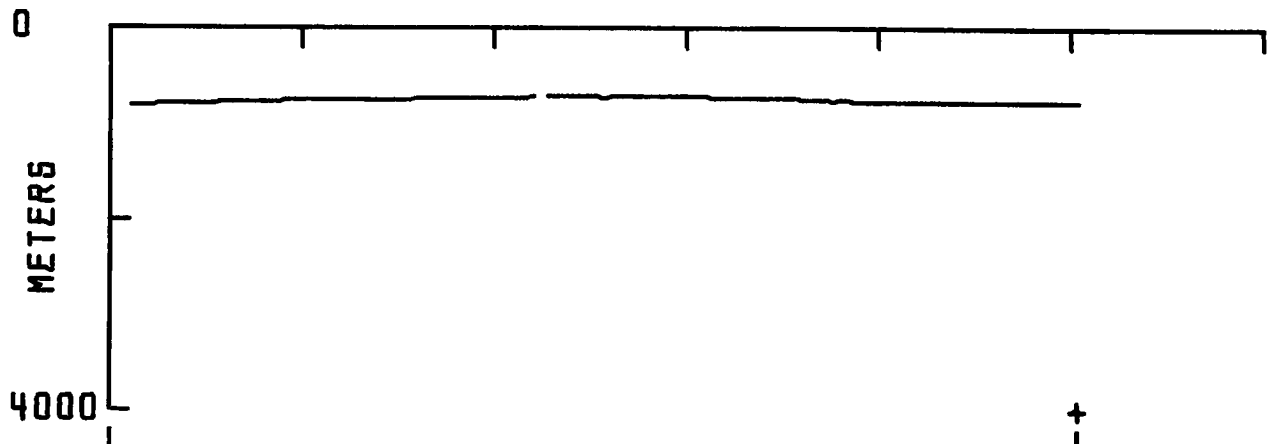
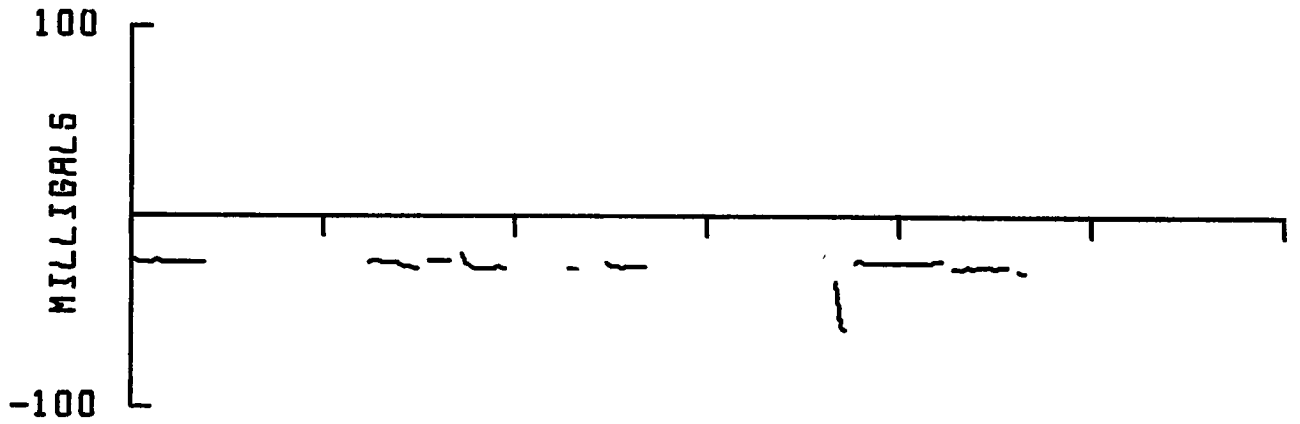
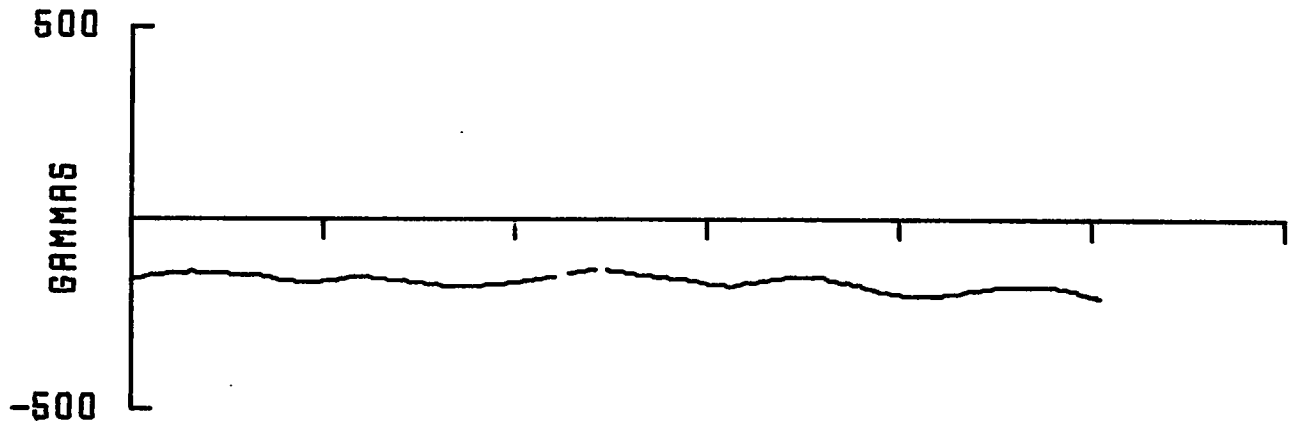
58.5 W



198 1734 041.03N 198 1236 040.32N
059.84W 058.79W

1/1000000 AT 48 N

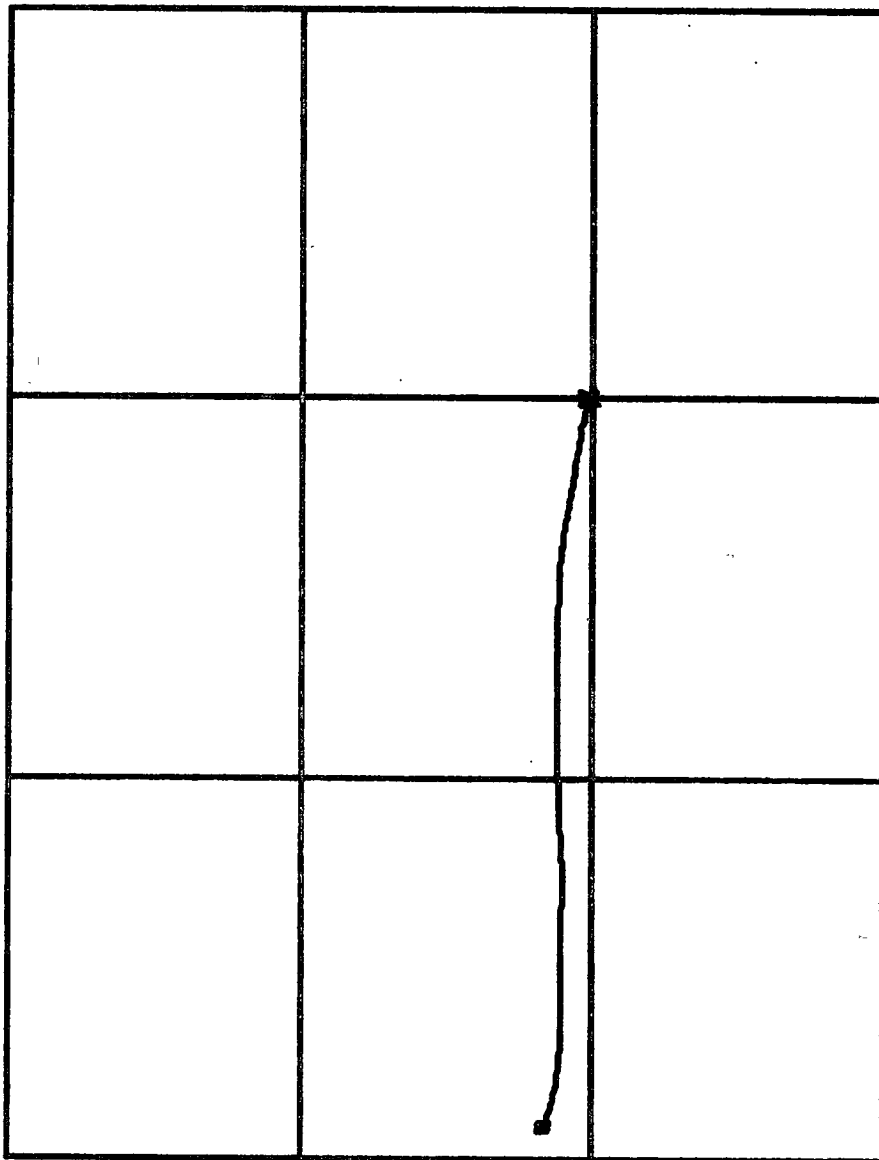




198 2358 041.00N
059.51W

198 1736 041.03N
059.85W

1/1000000 AT 46 N



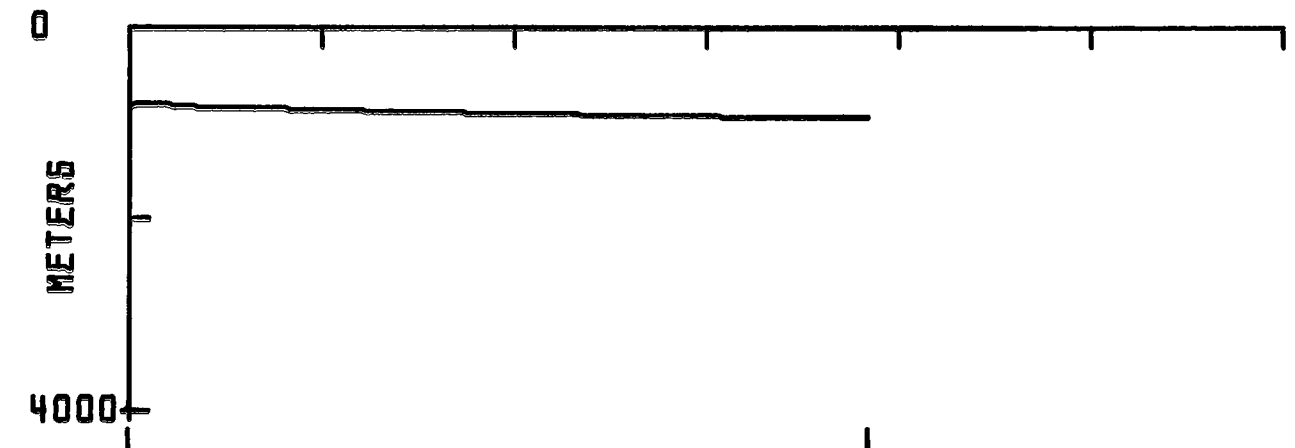
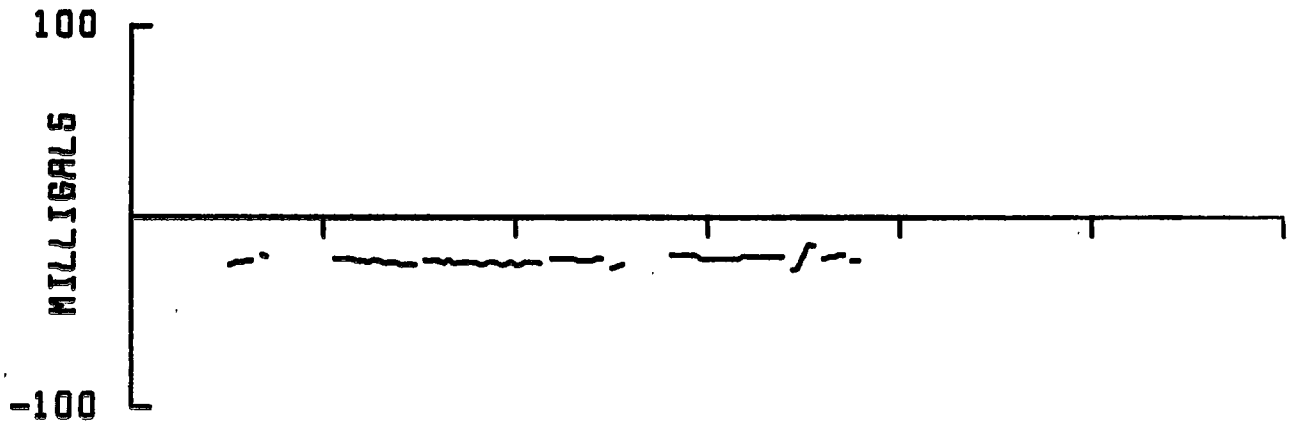
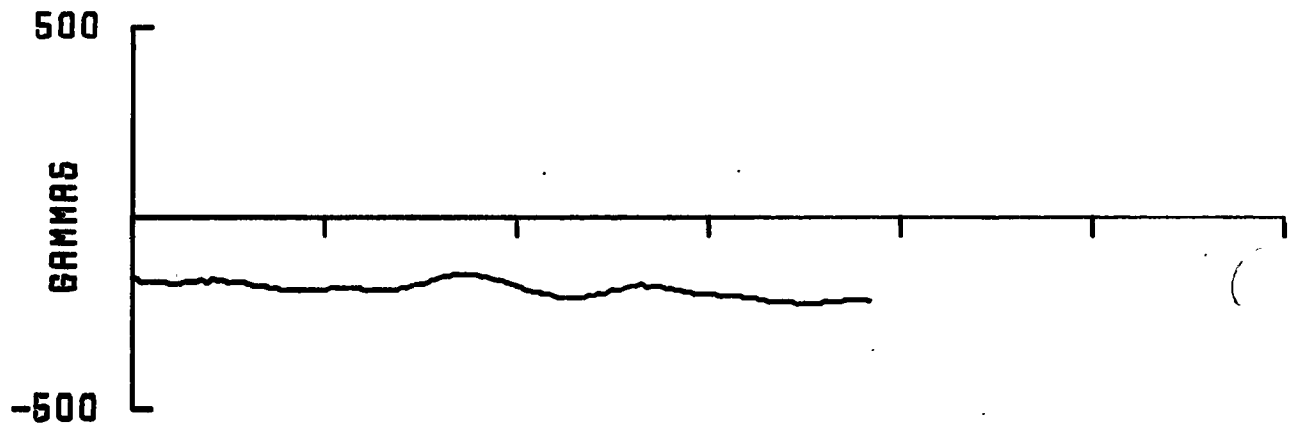
41.5 N



40.0 N

60.5 W

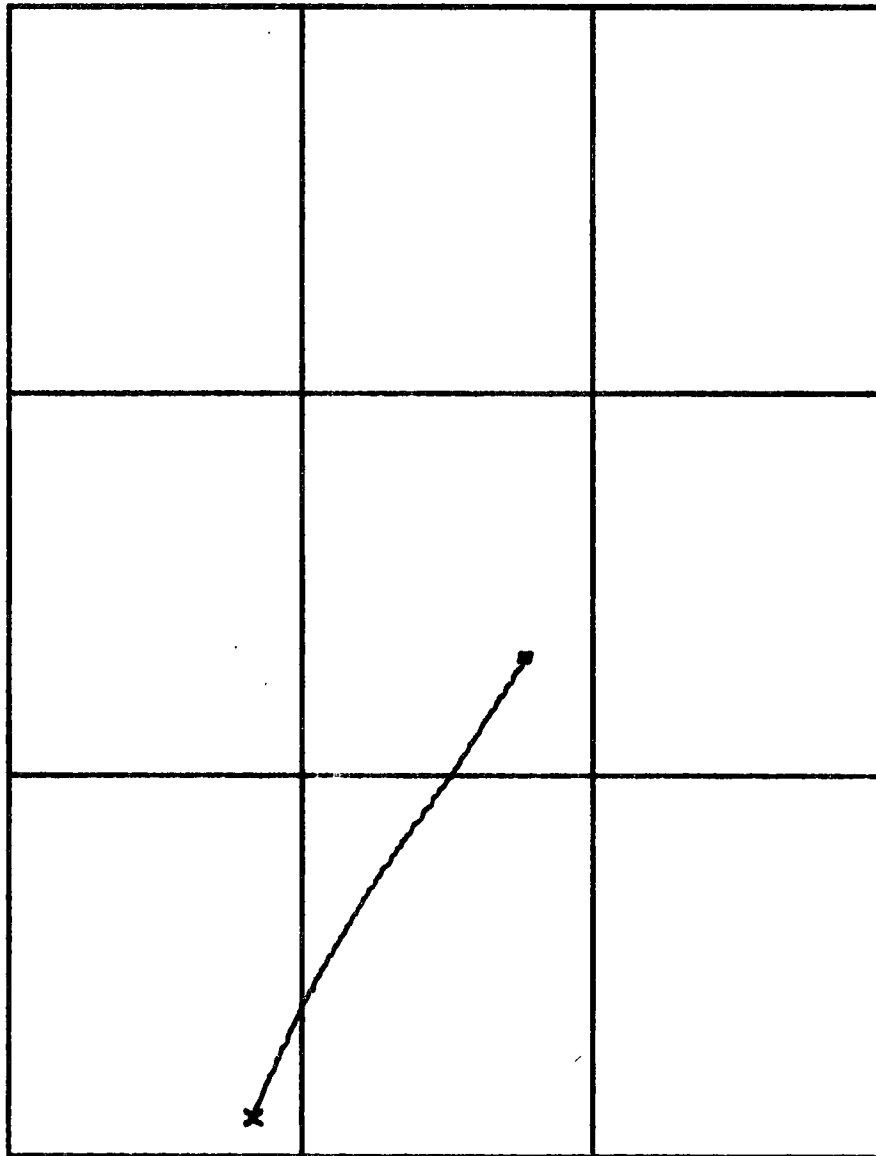
69.0 W



199 0000 041.00N
069.51W

199 0448 040.04N
059.58W

1/1000000 AT 46 N



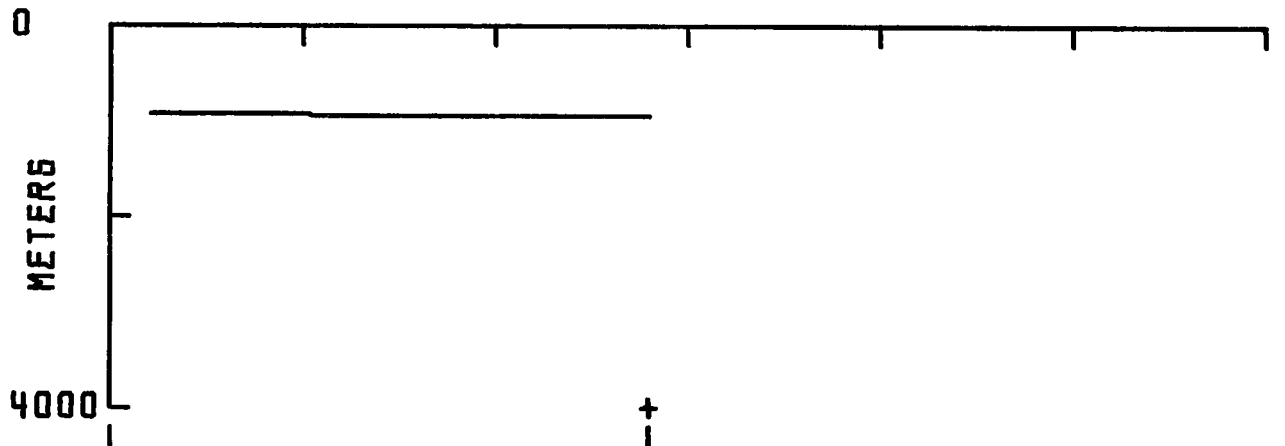
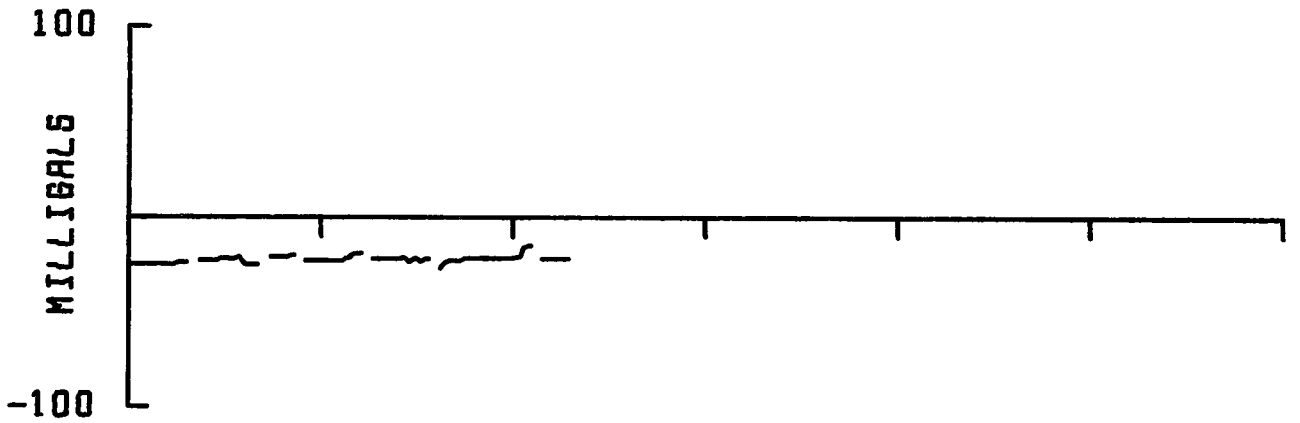
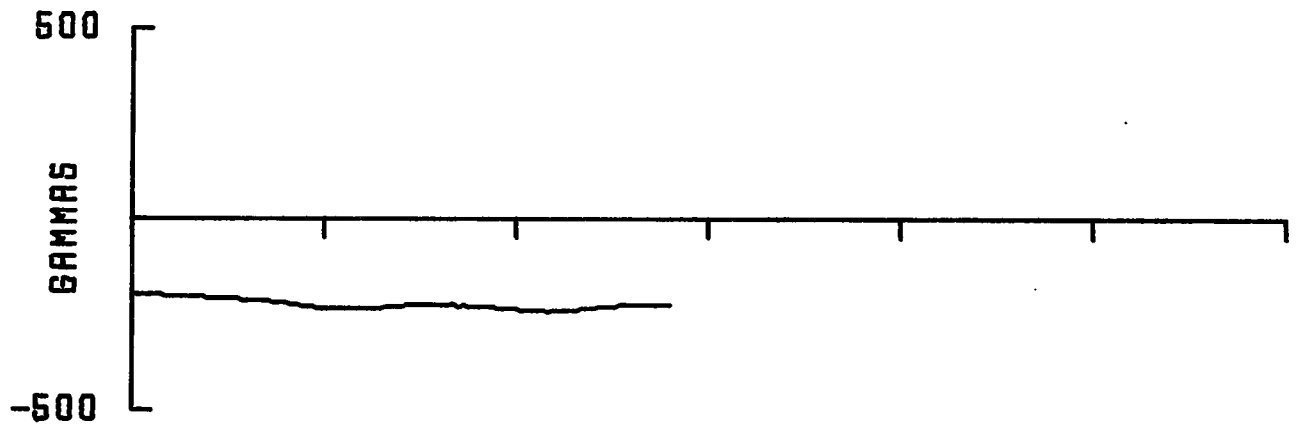
41.5 N



40.0 N

60.0 W

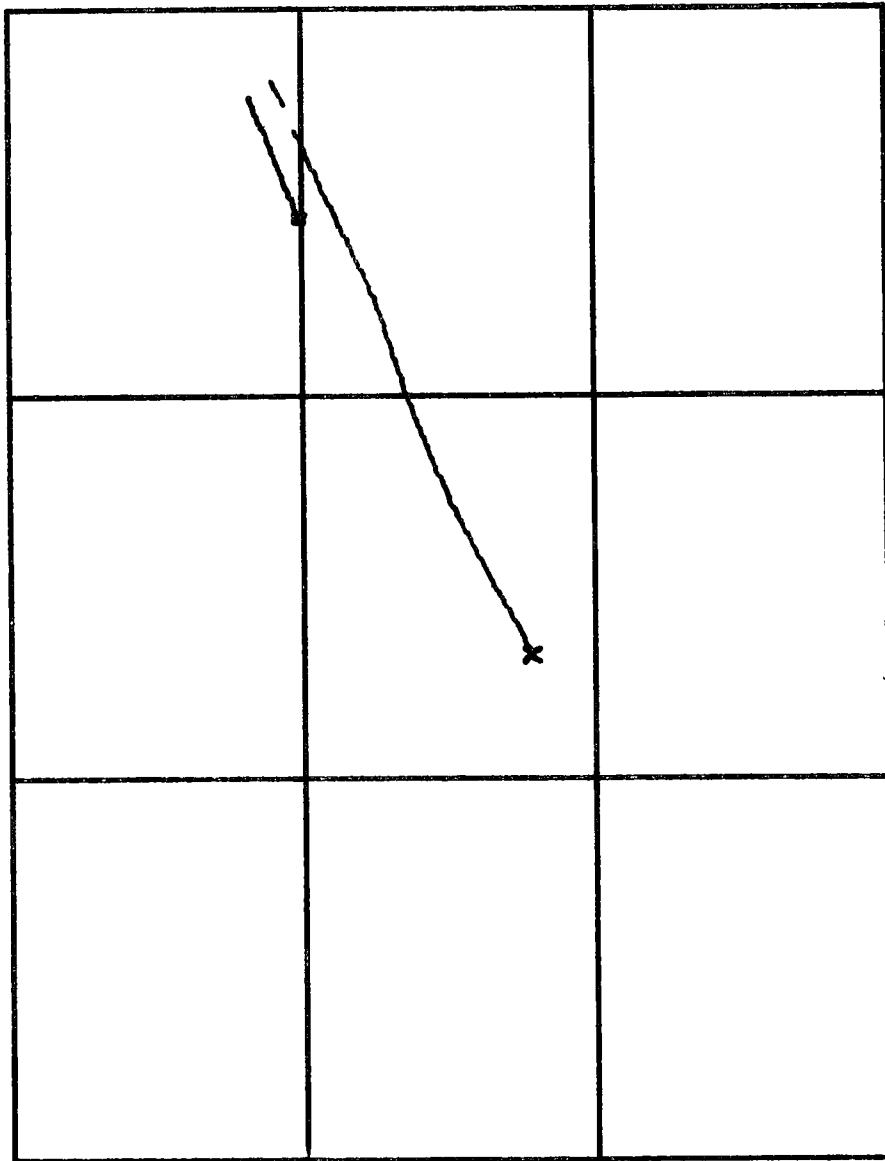
58.6 W



199 0758 040.66N
059.11W

199 0460 040.05N
059.58W

1/1000000 AT 46 N



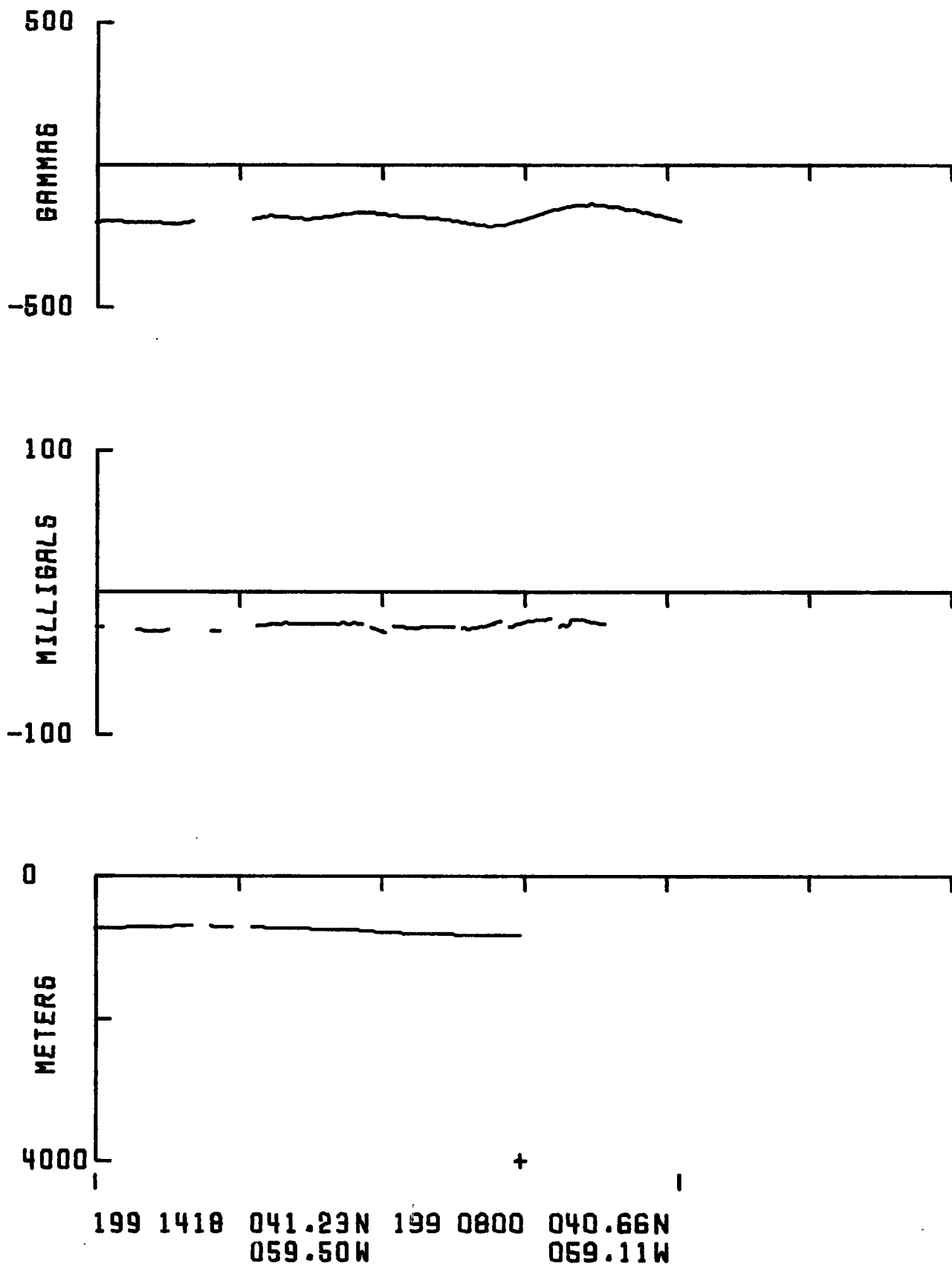
41.5 N



40.0 N

60.0 W

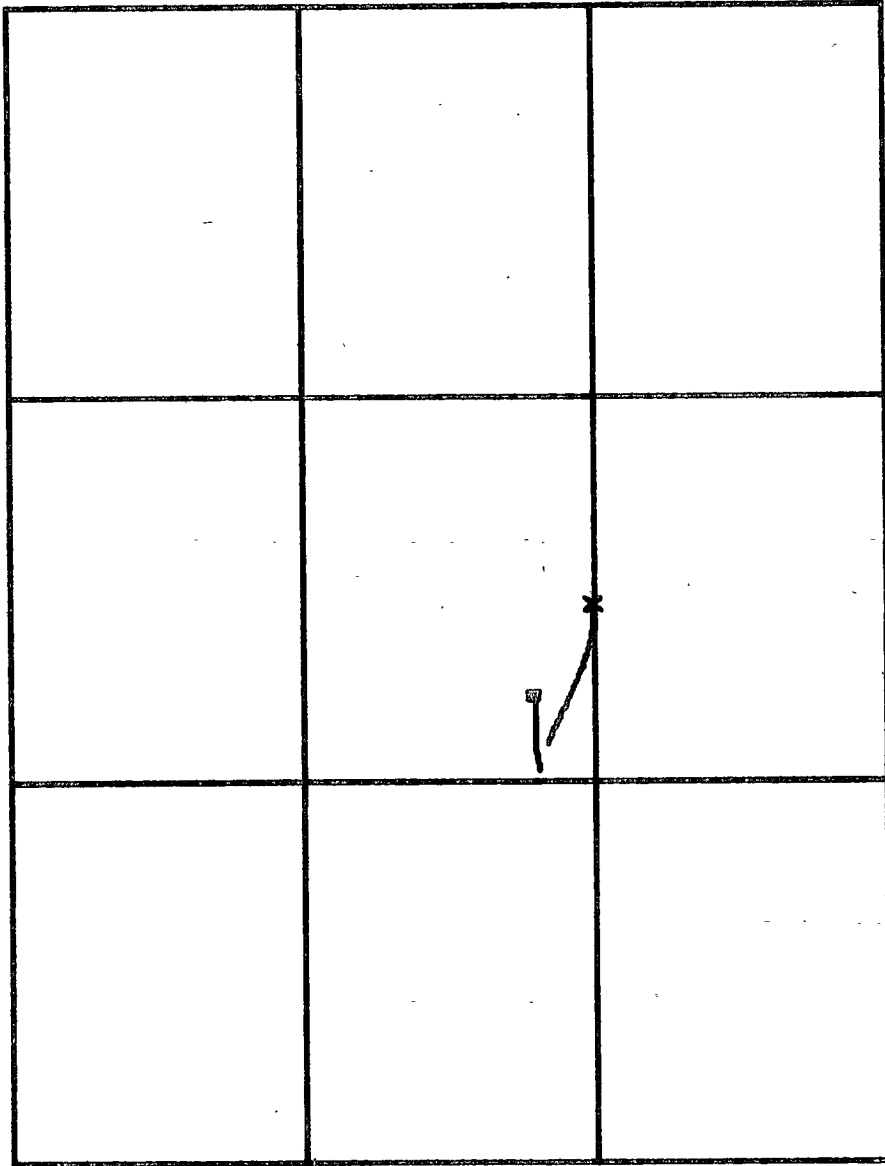
68.5 W



1/1000000 AT 46 N



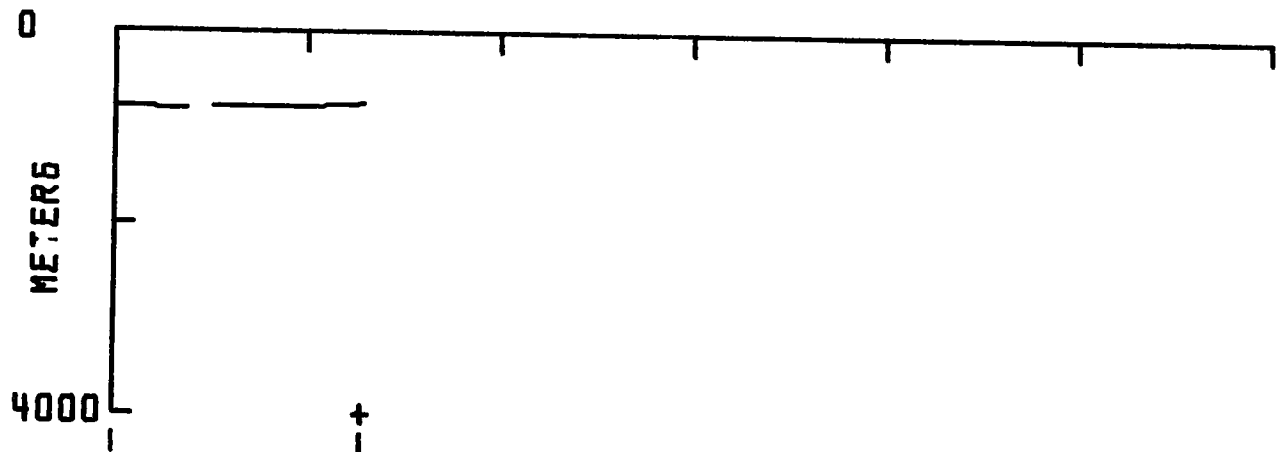
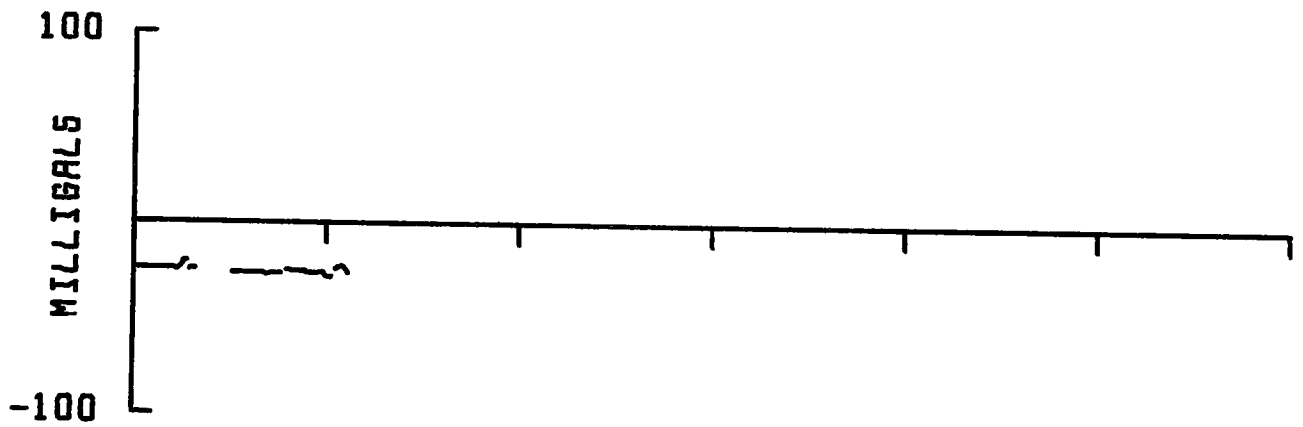
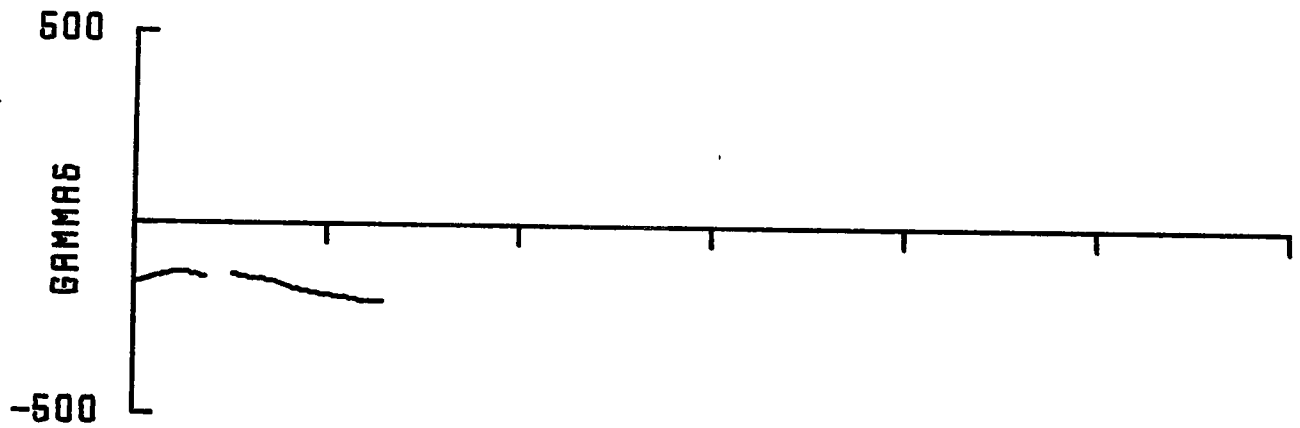
42.0 N



40.5 N

60.5 W

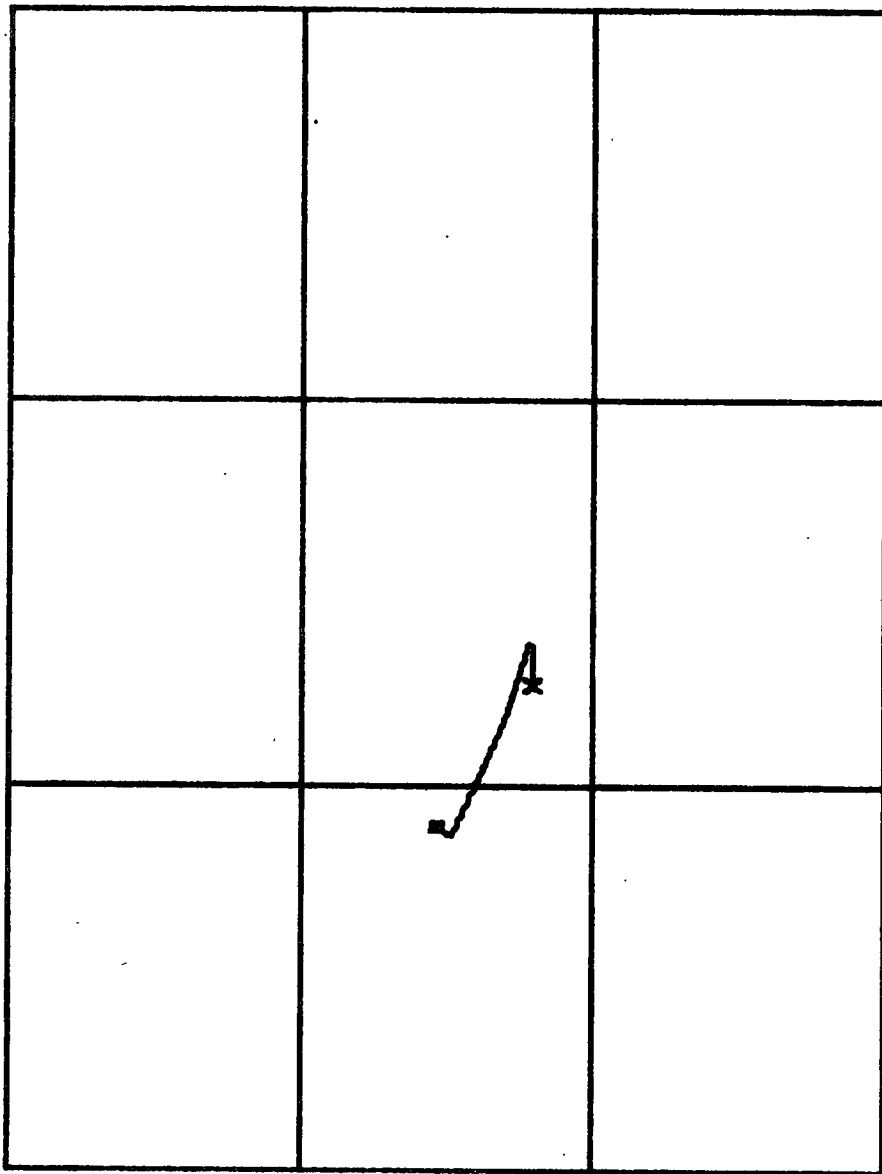
69.0 W



199 1820 041.11N
059.60W

199 1420 041.23N
059.50W

1/1000000 AT 46 N



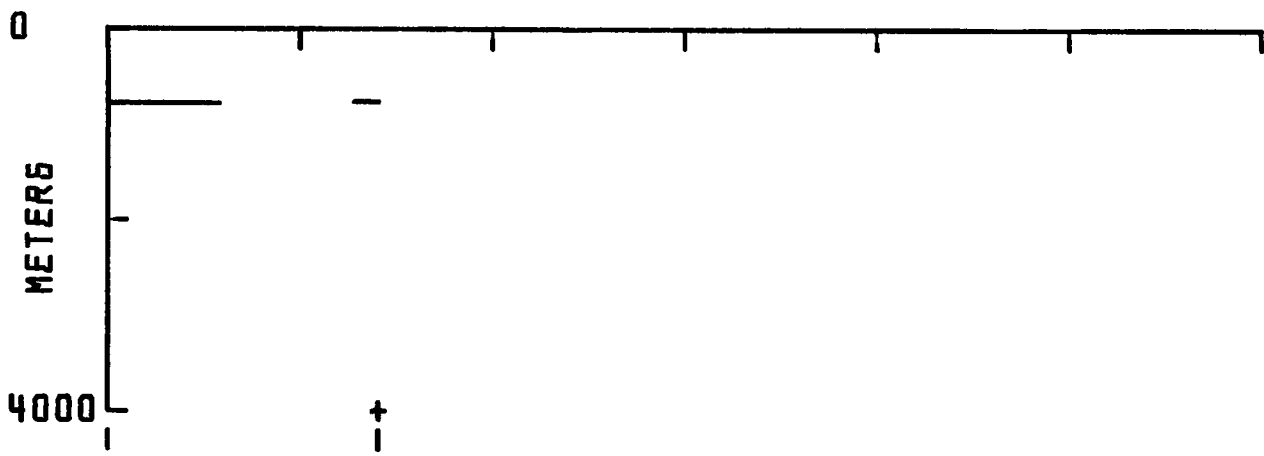
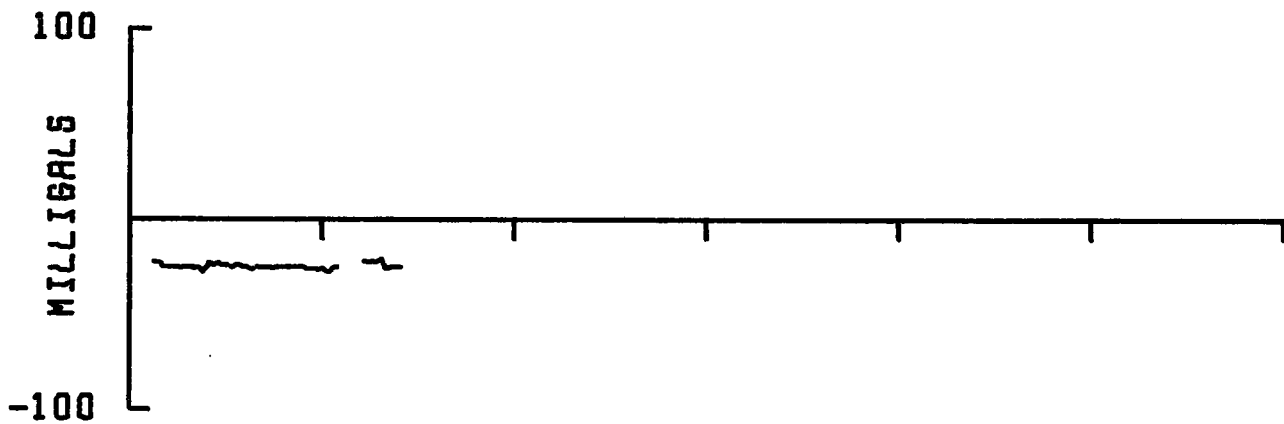
42.0 N



40.6 N

60.5 W

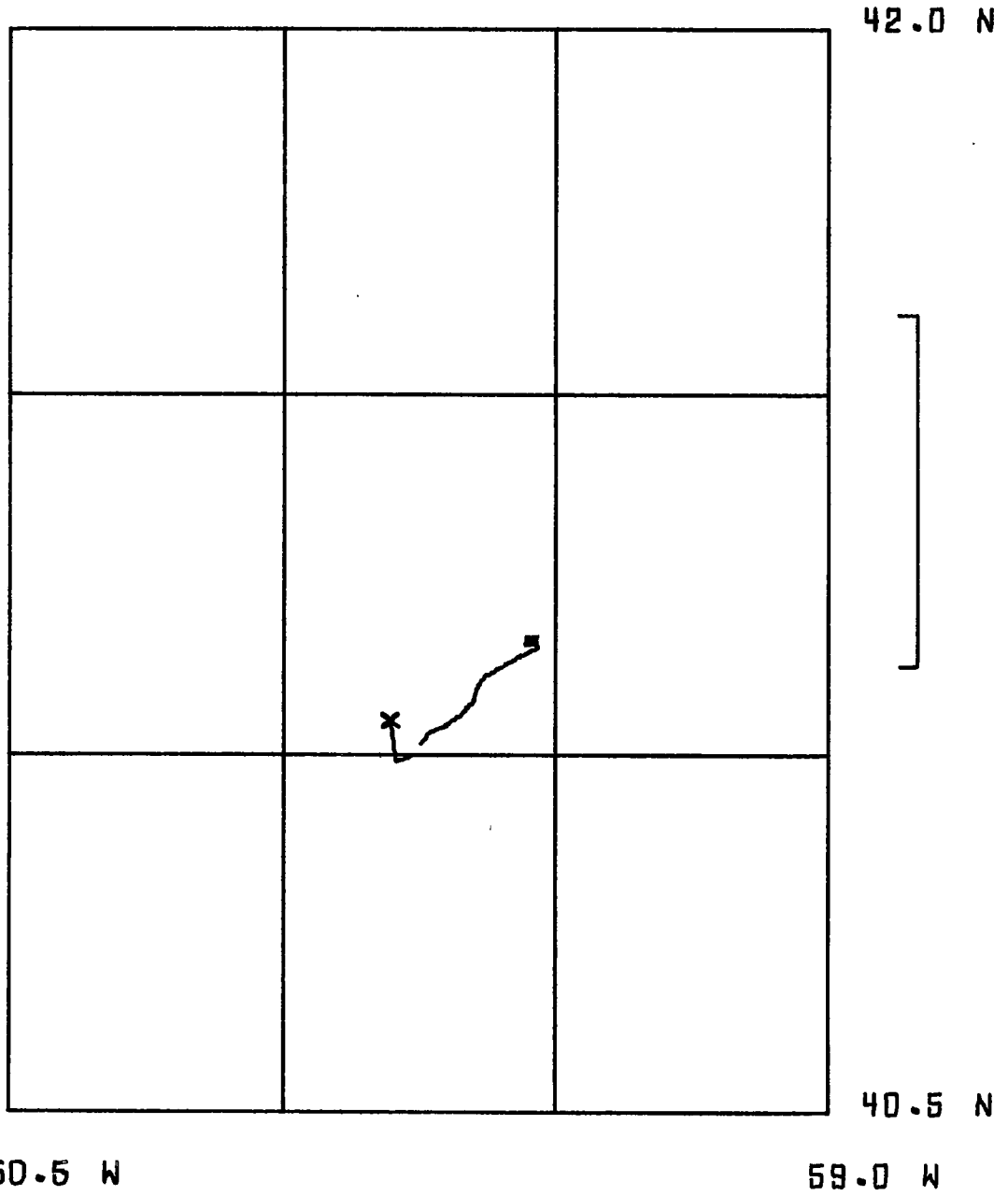
69.0 W

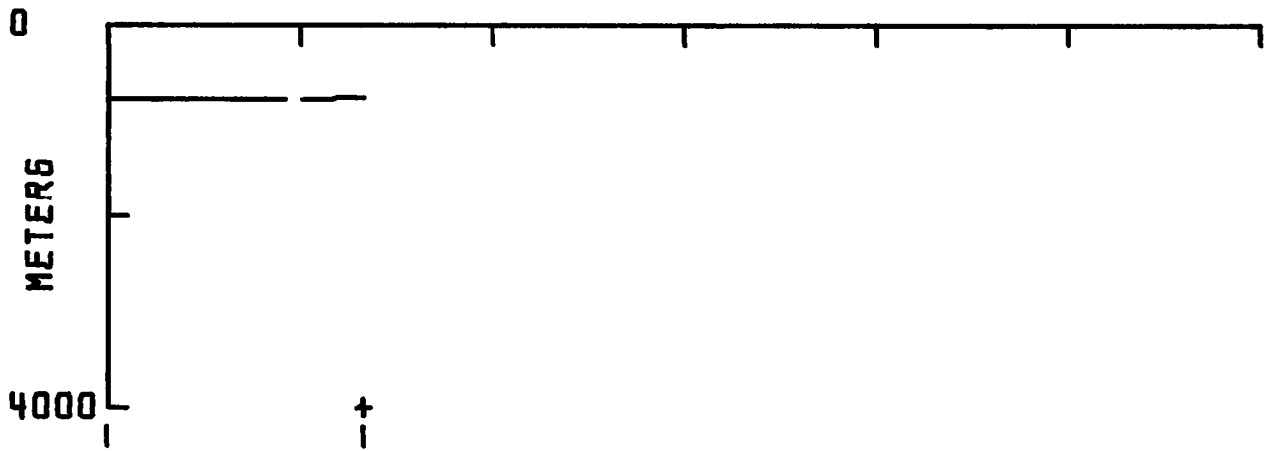
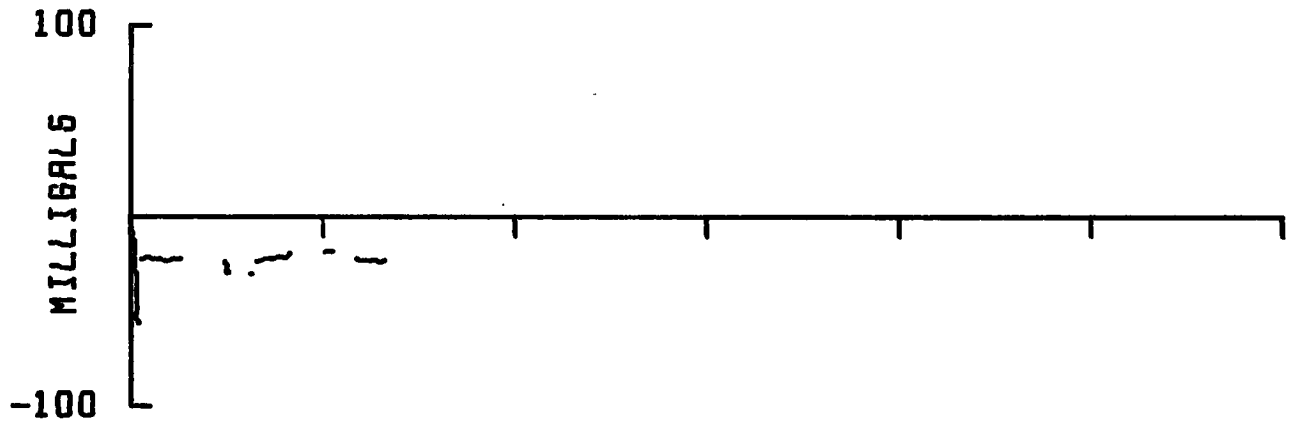
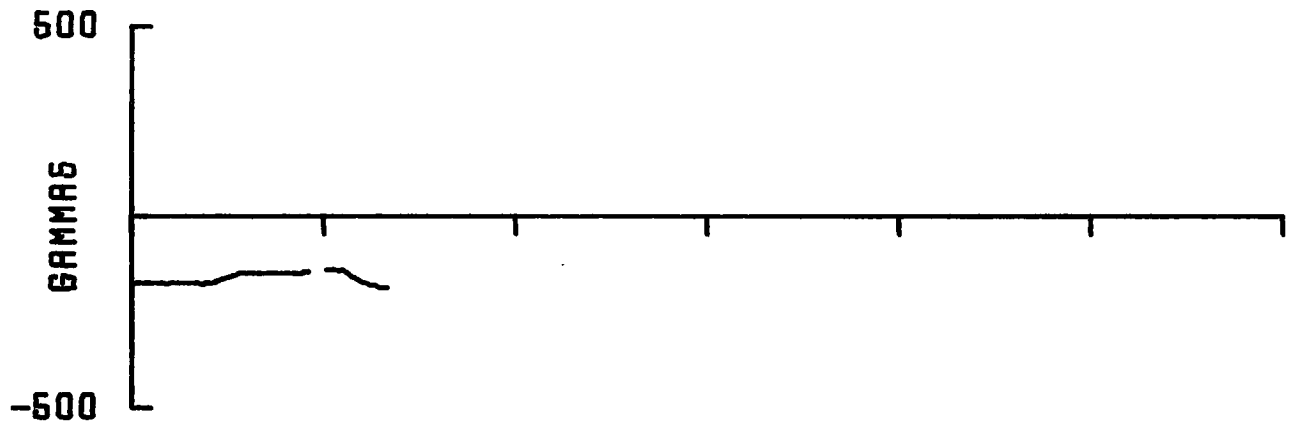


199 2240 040.95N
059.77W

199 1842 041.13N
059.60W

1/1000000 AT 46 N

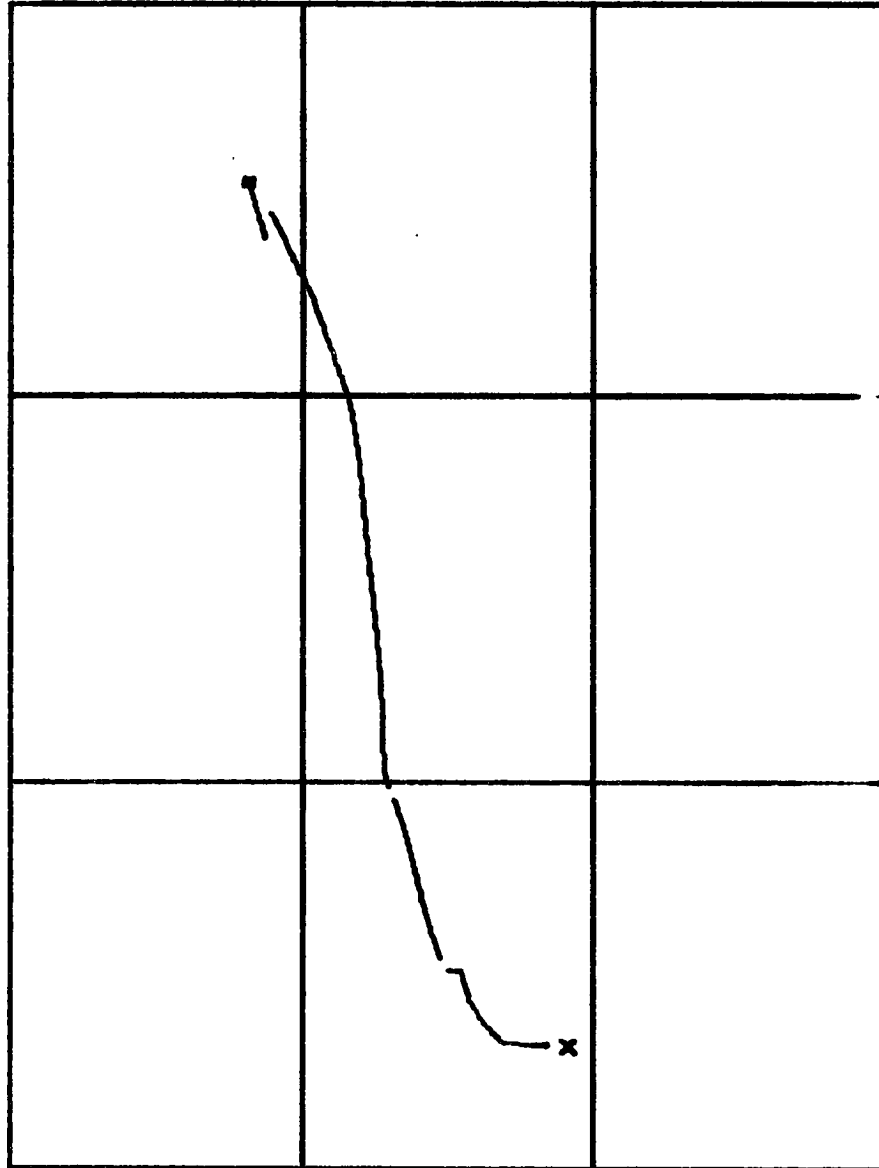




200 0558 041.16N
059.54W

200 0120 041.05N
053.80W

1/1000000 AT 46 N



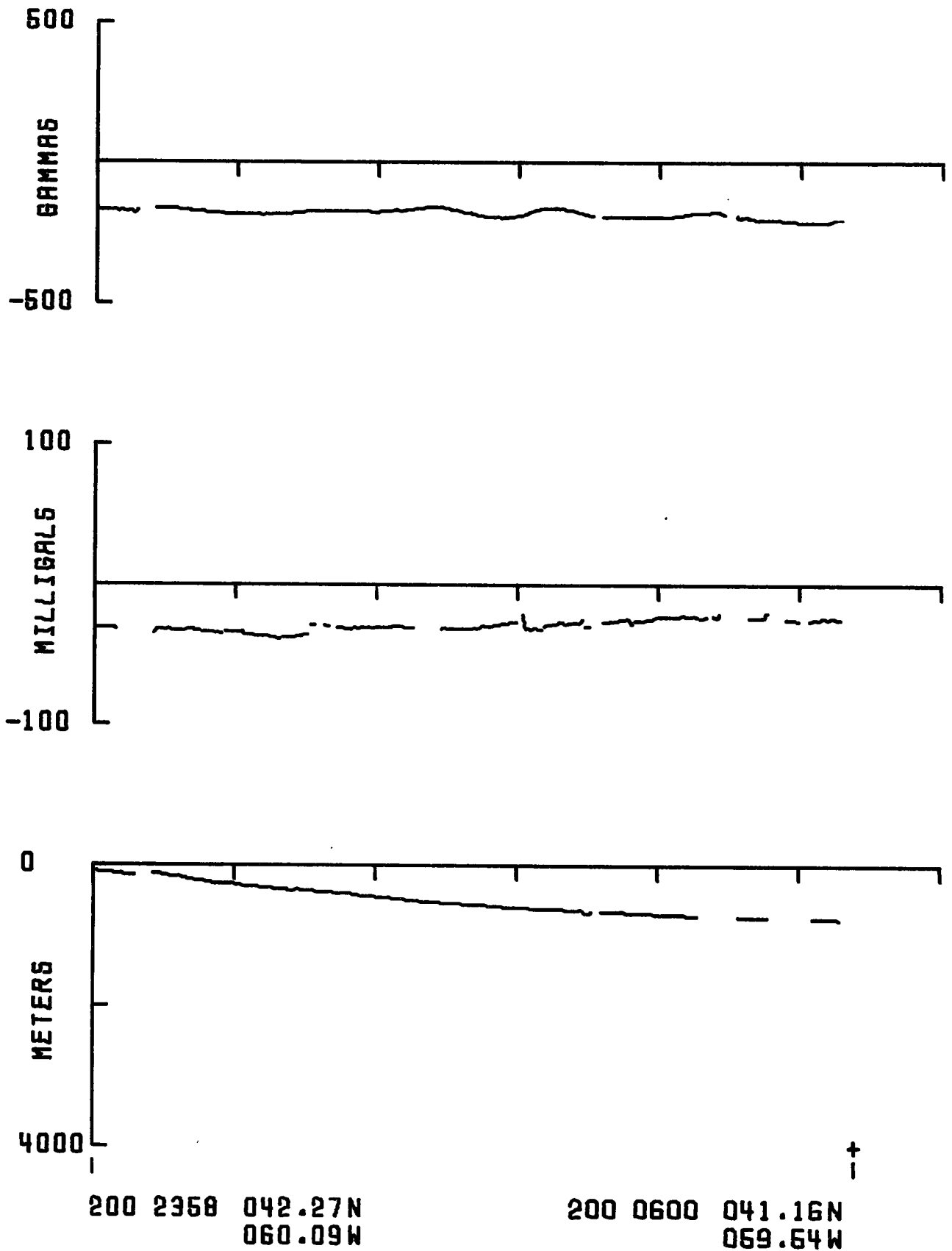
42.6 N



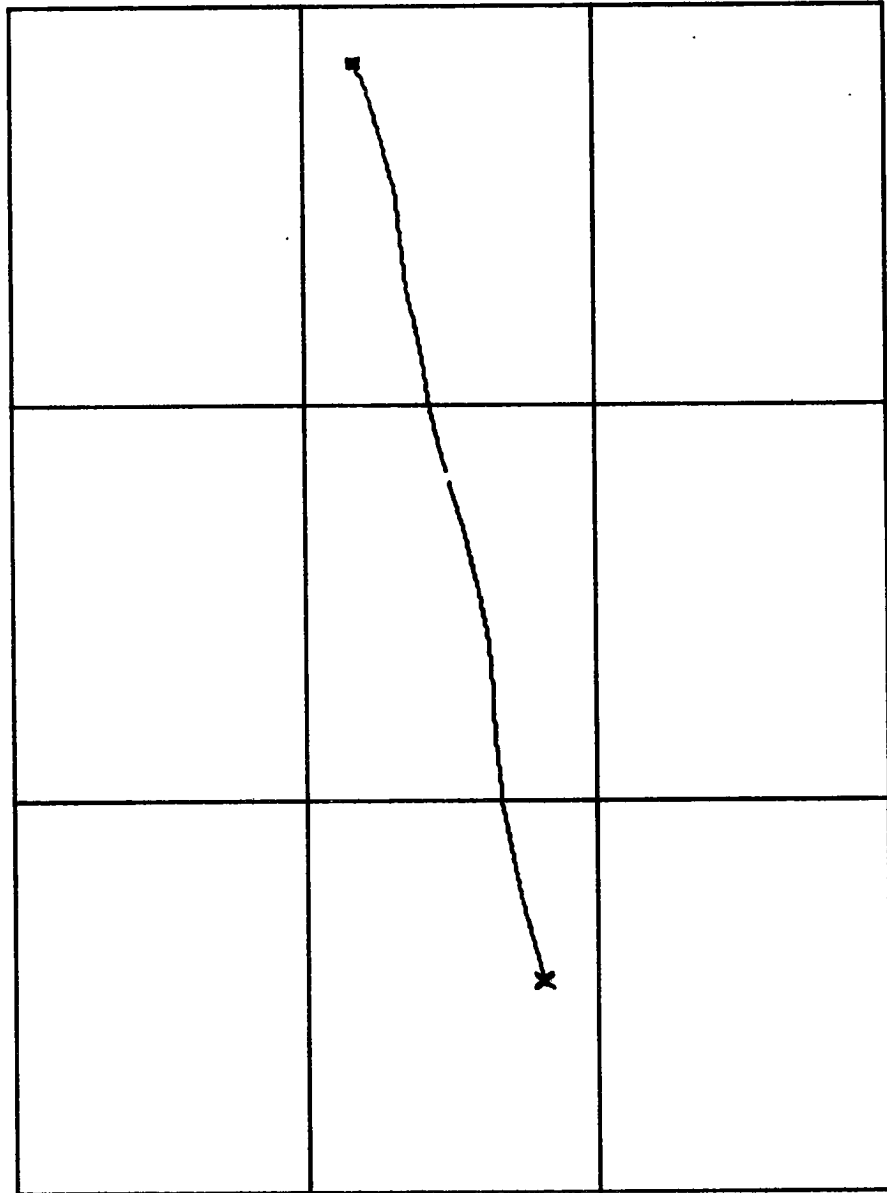
41.0 N

60.5 W

59.0 W



1/1000000 AT 46 N



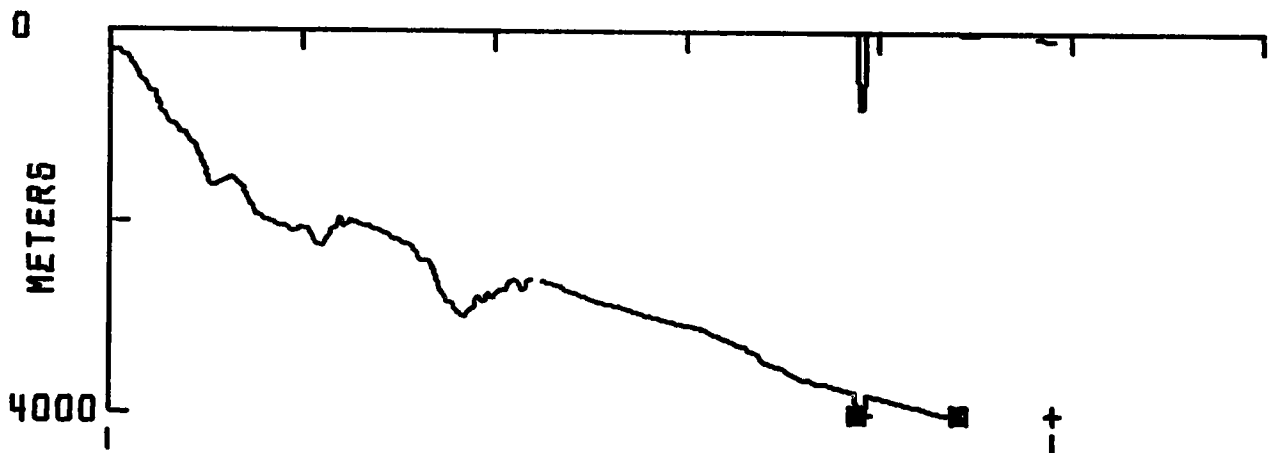
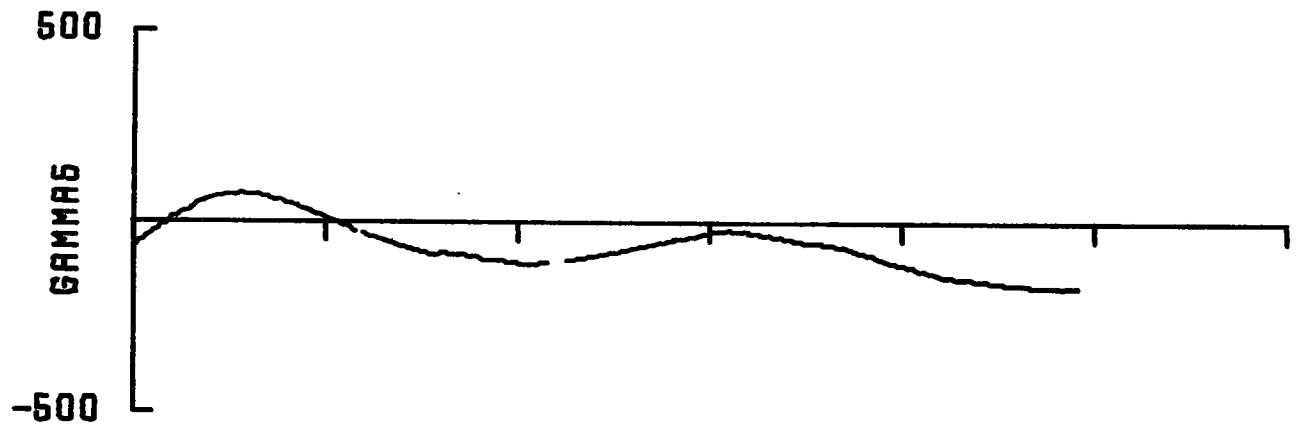
43.5 N



42.0 N

61.0 W

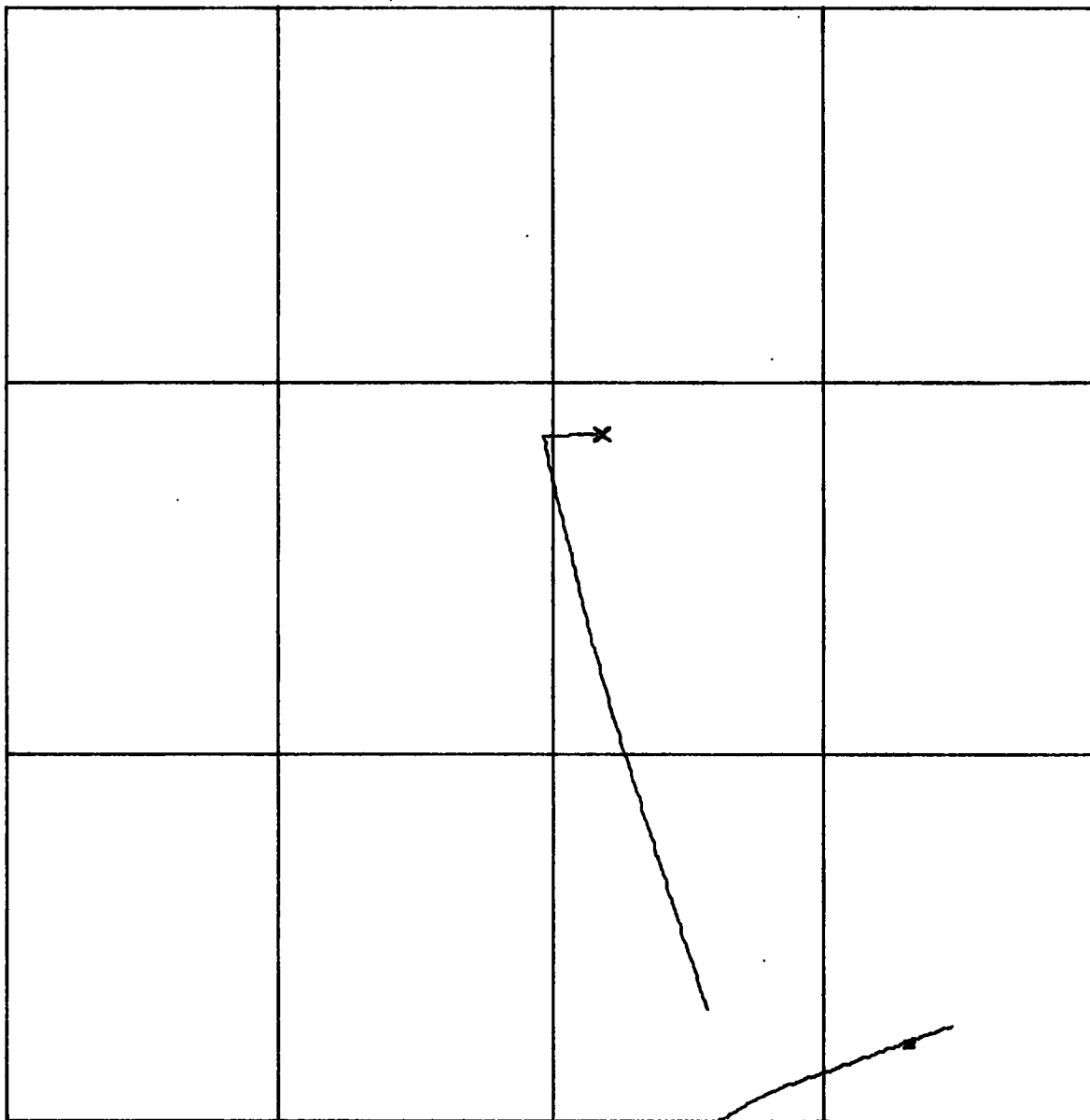
59.5 W



201 1452 043.43N
060.41W

201 0000 042.27N
060.09W

1/1000000 AT 46 N



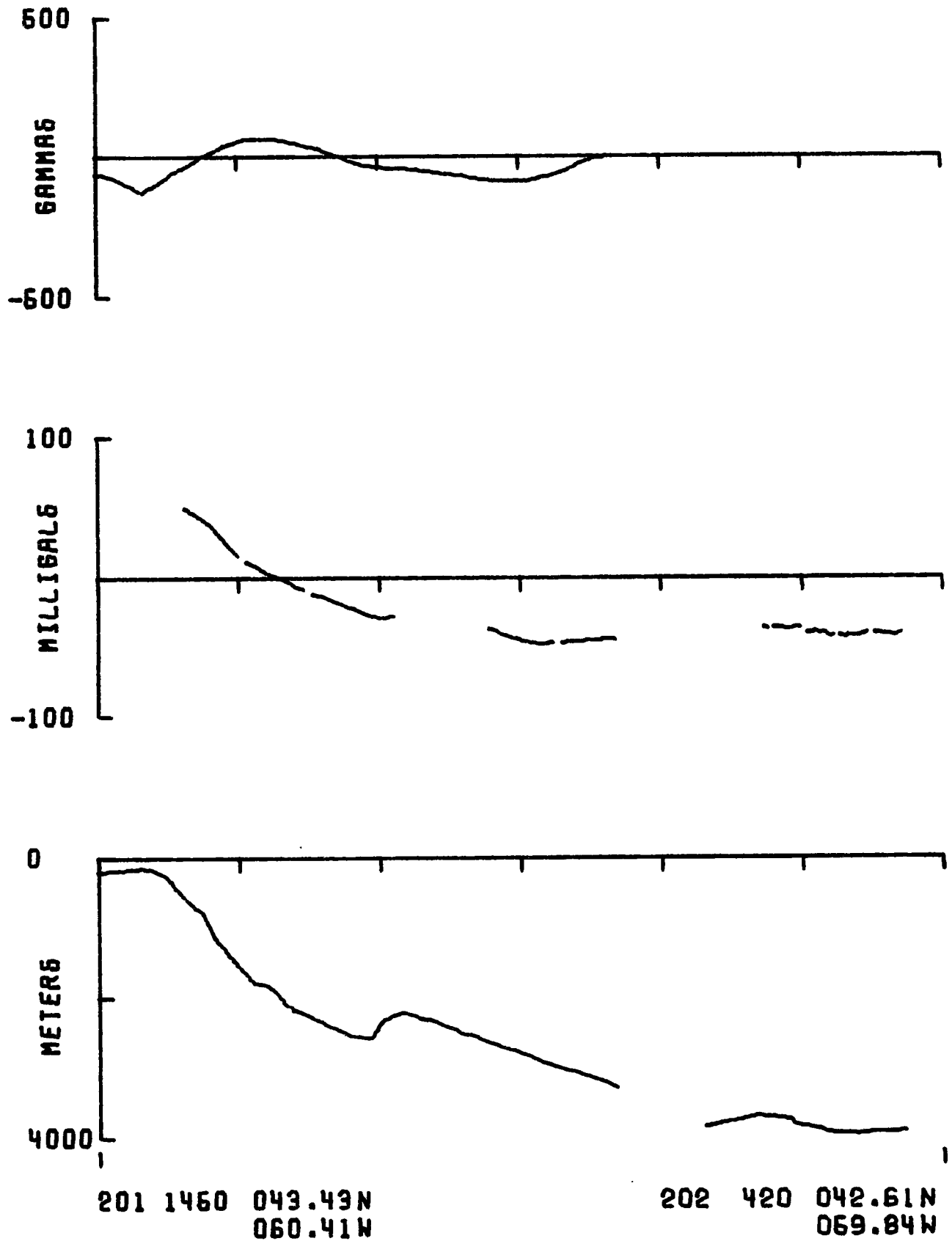
44.0 N



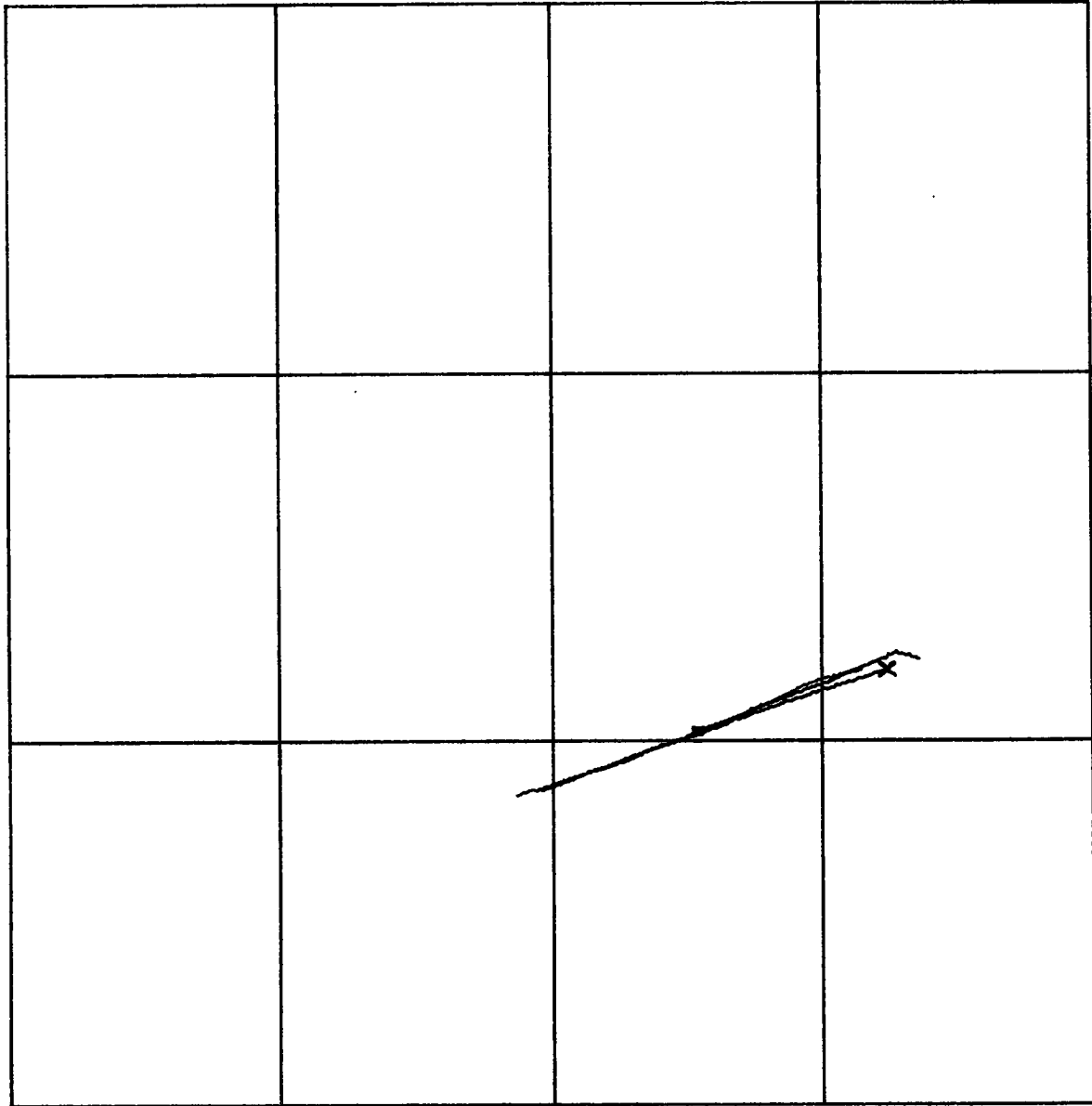
42.5 N

61.5 W

59.5 W



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43.5 N

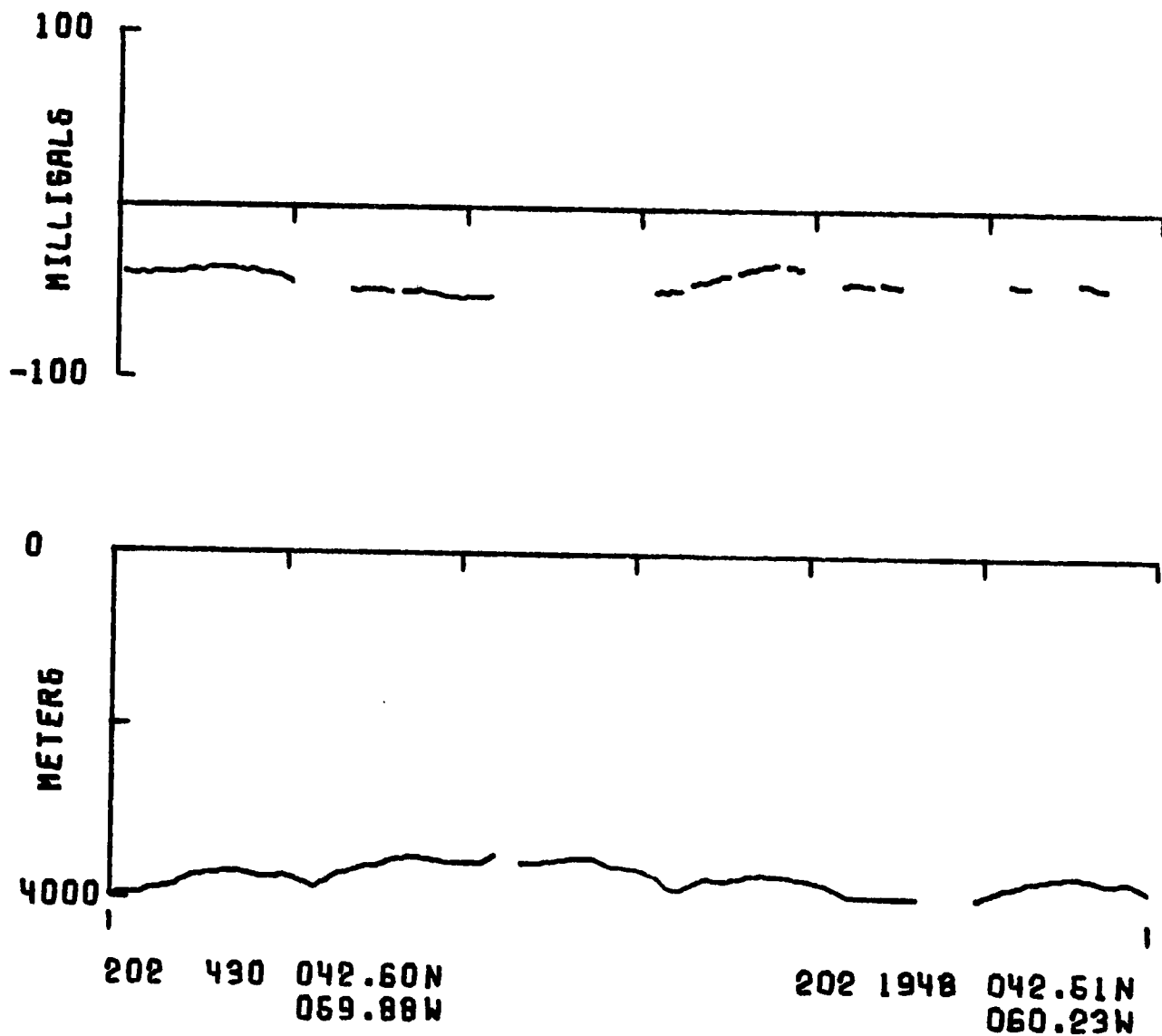


42.0 N

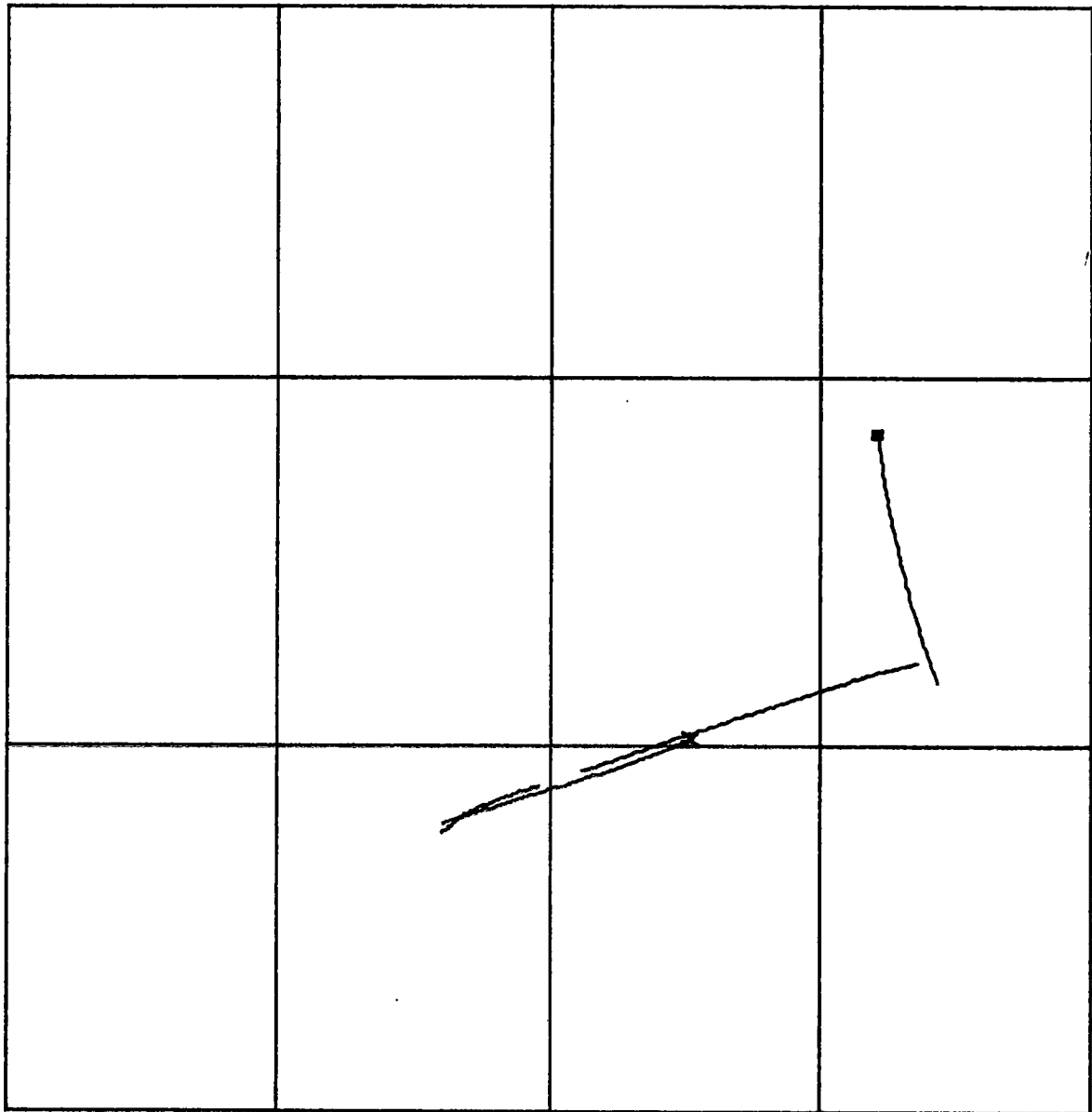
61.5 W

59.5 W

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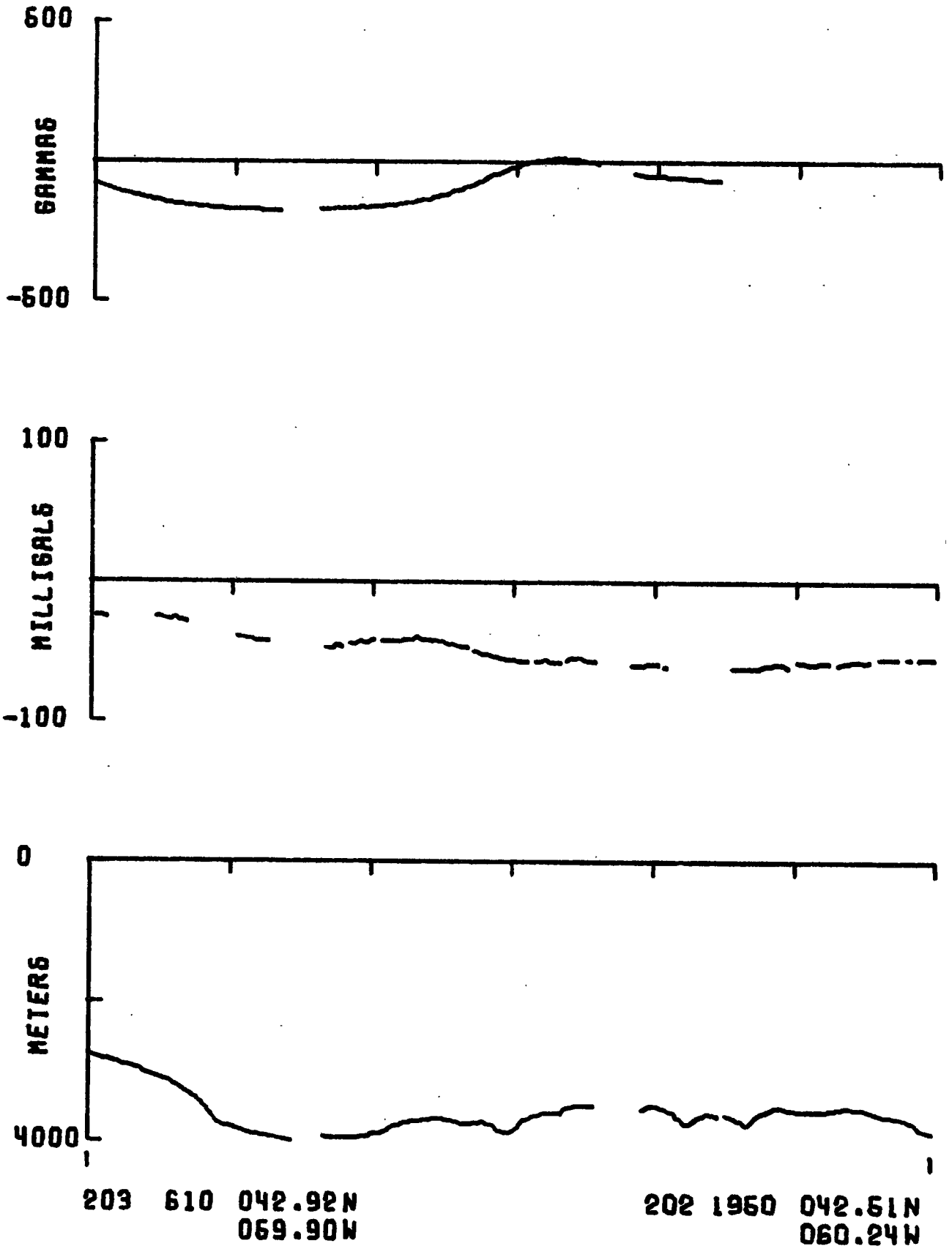
43.5 N



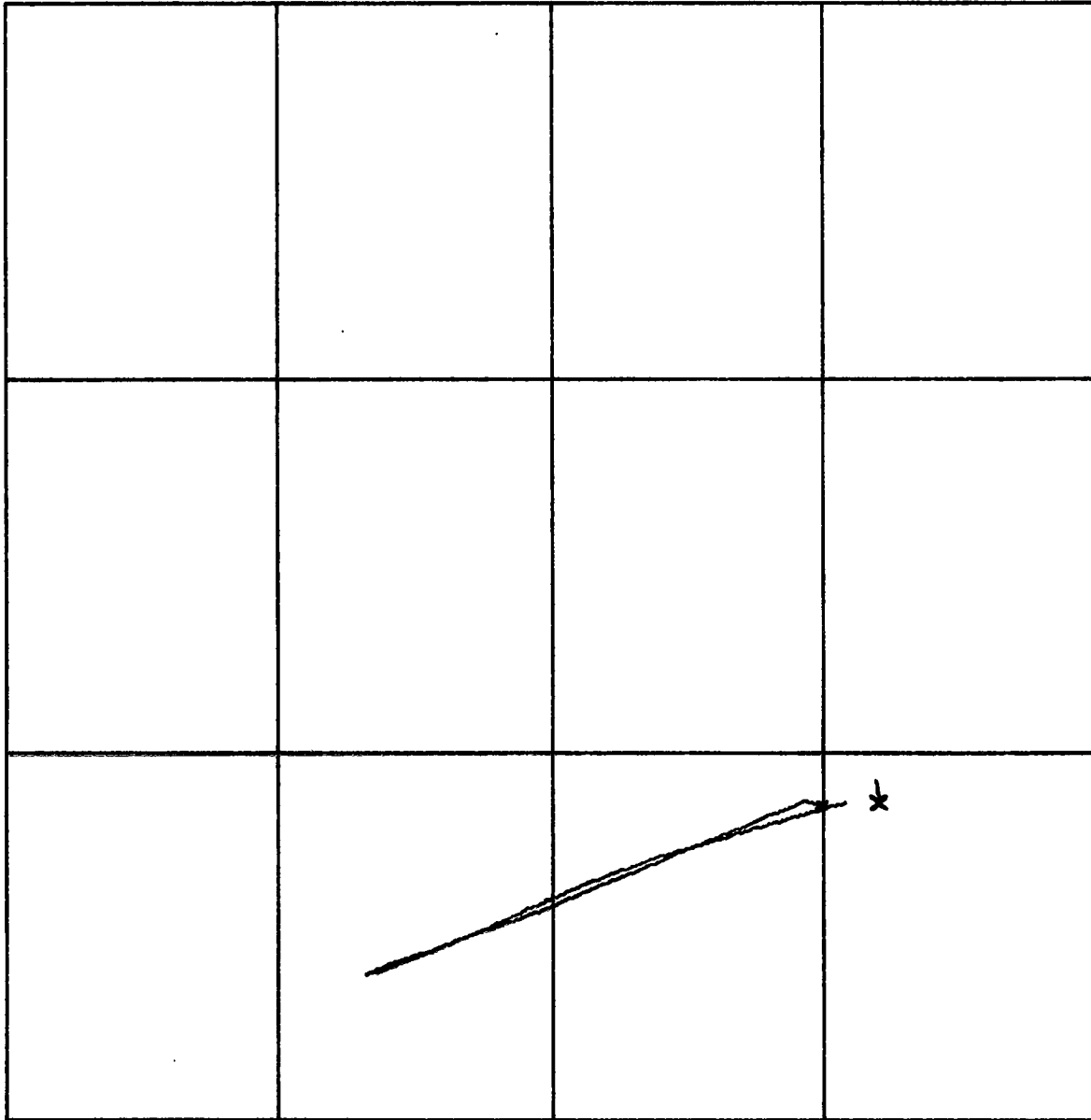
42.0 N

61.5 W

59.5 W



1/1000000 AT 46 N



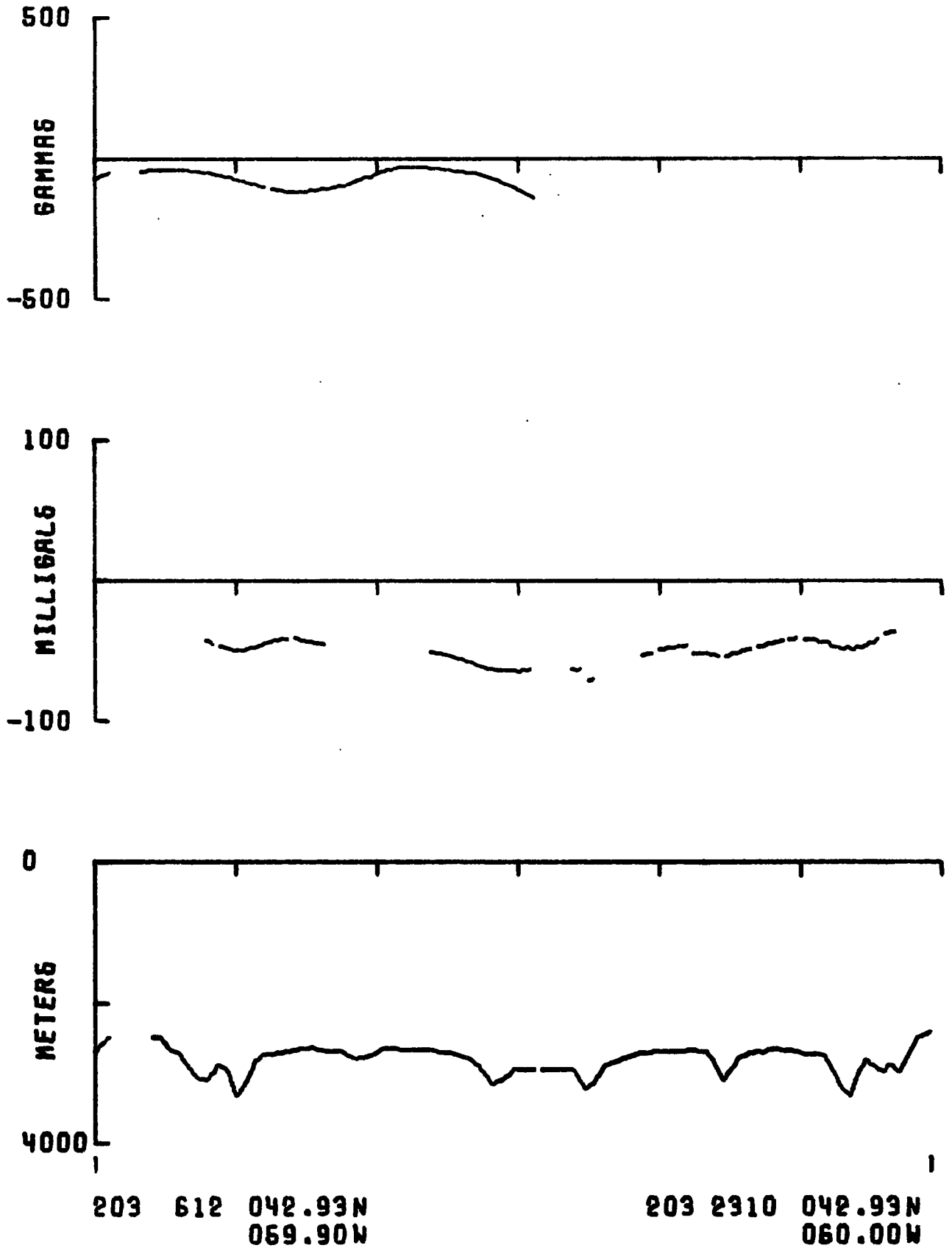
44.0 N



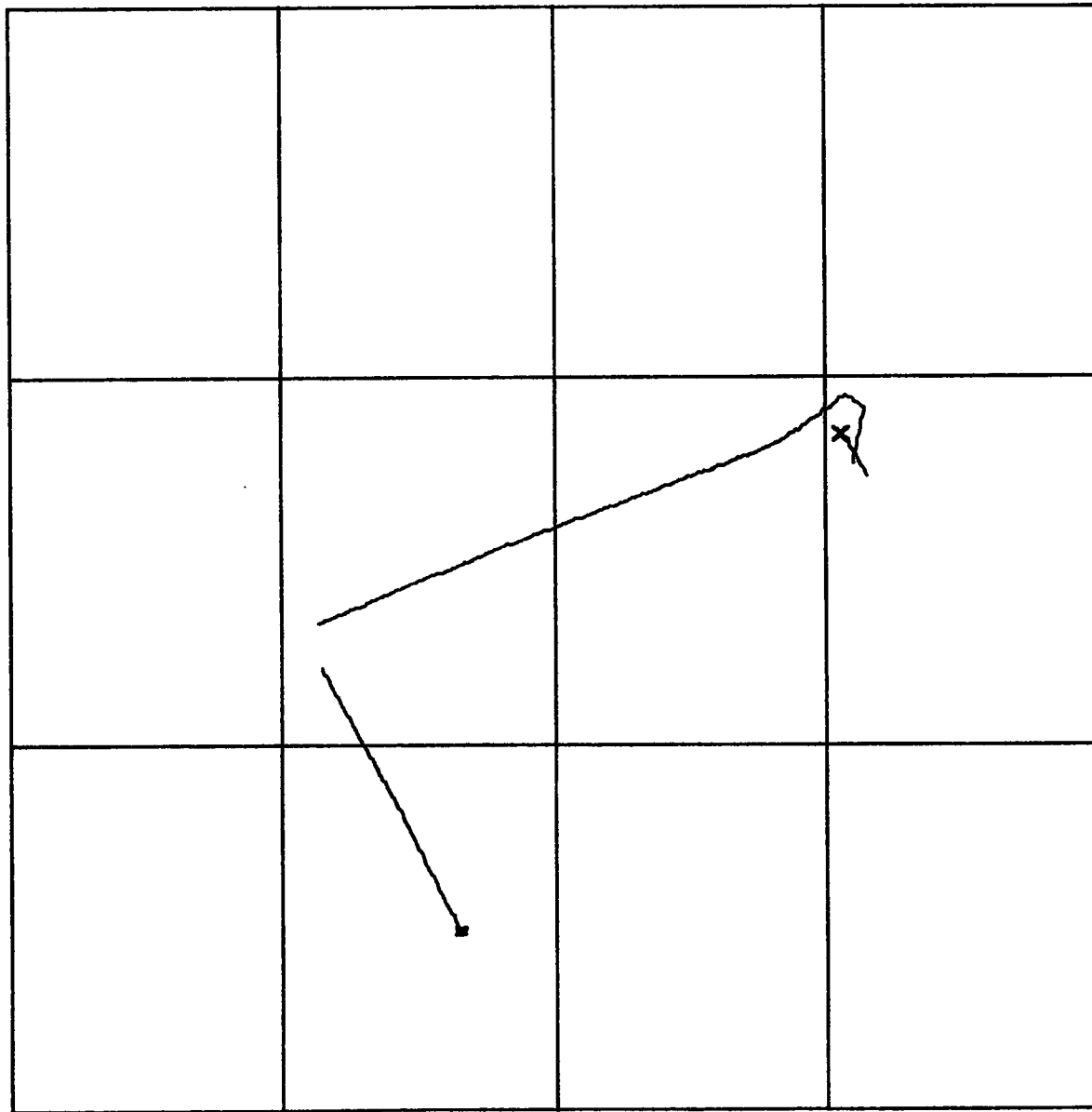
42.5 N

61.5 W

59.5 W



1/1000000 AT 46 N



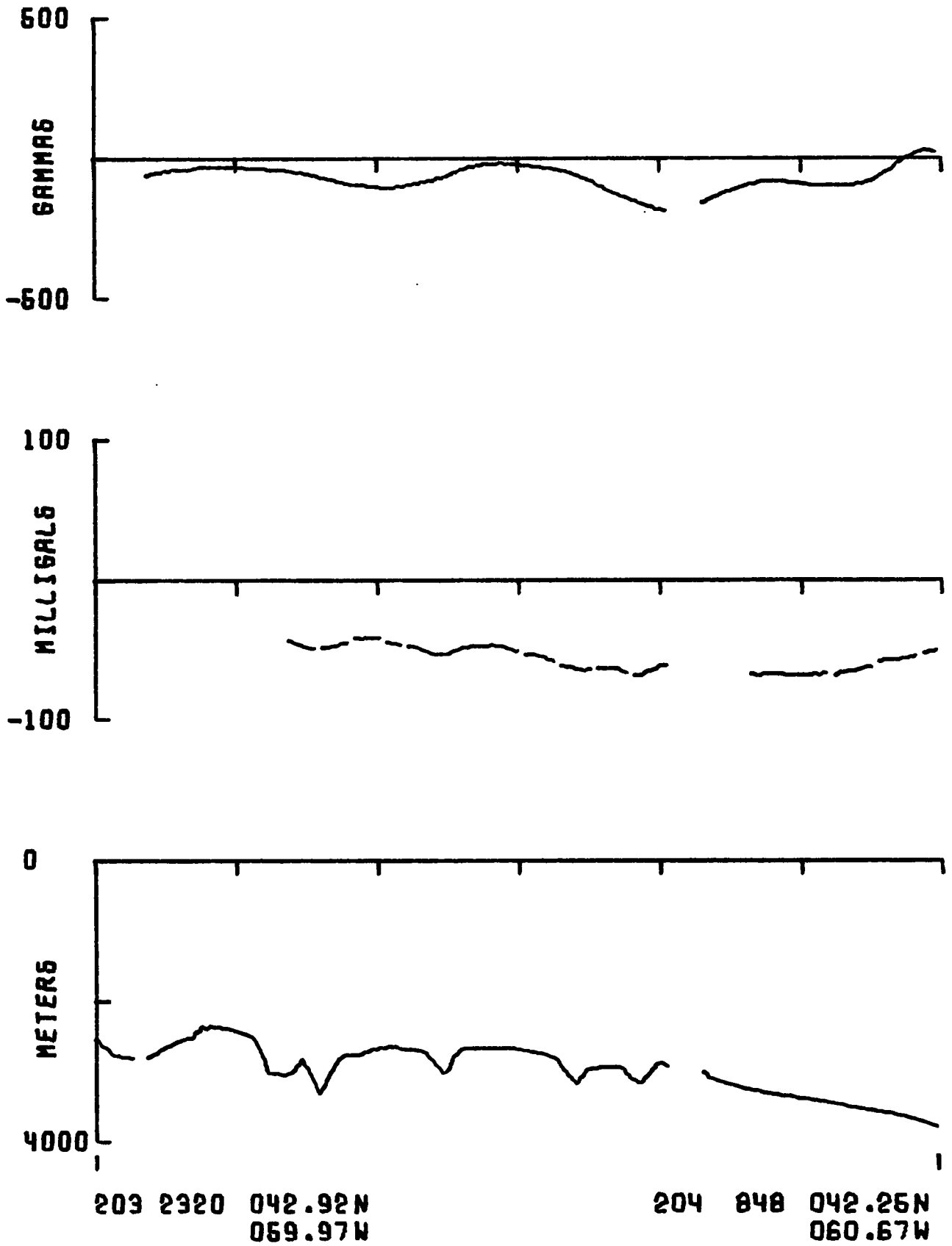
43.5 N



42.0 N

61.5 W

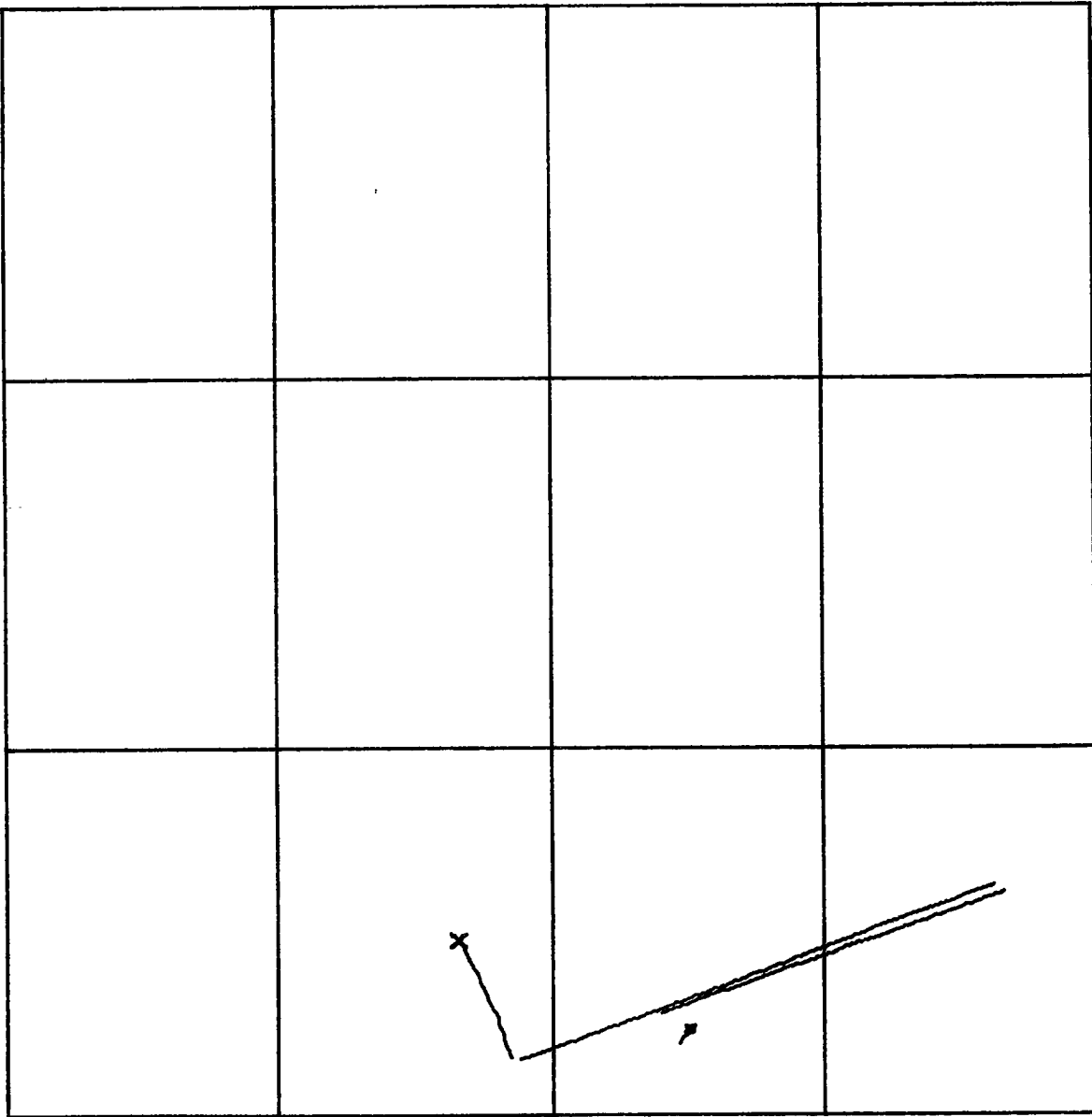
59.5 W



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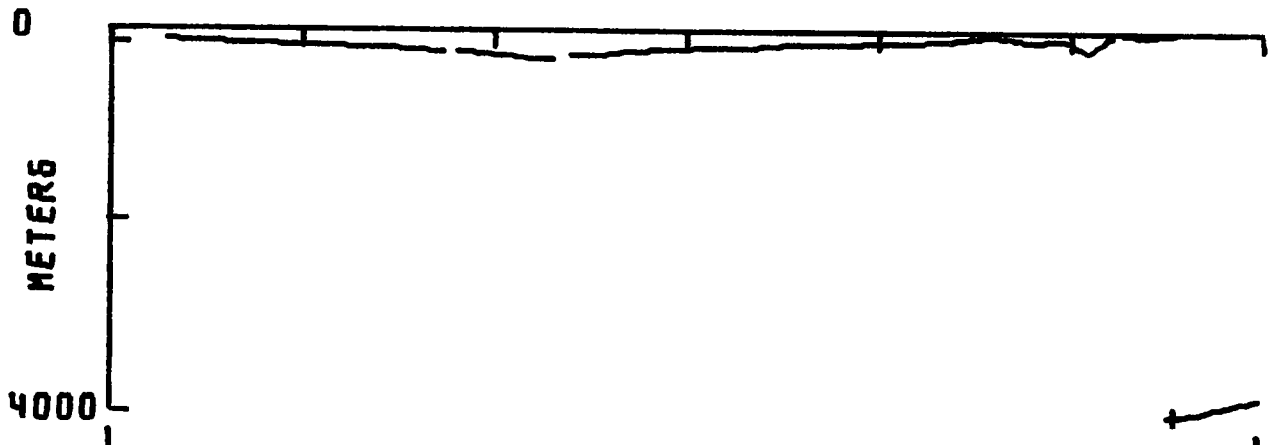
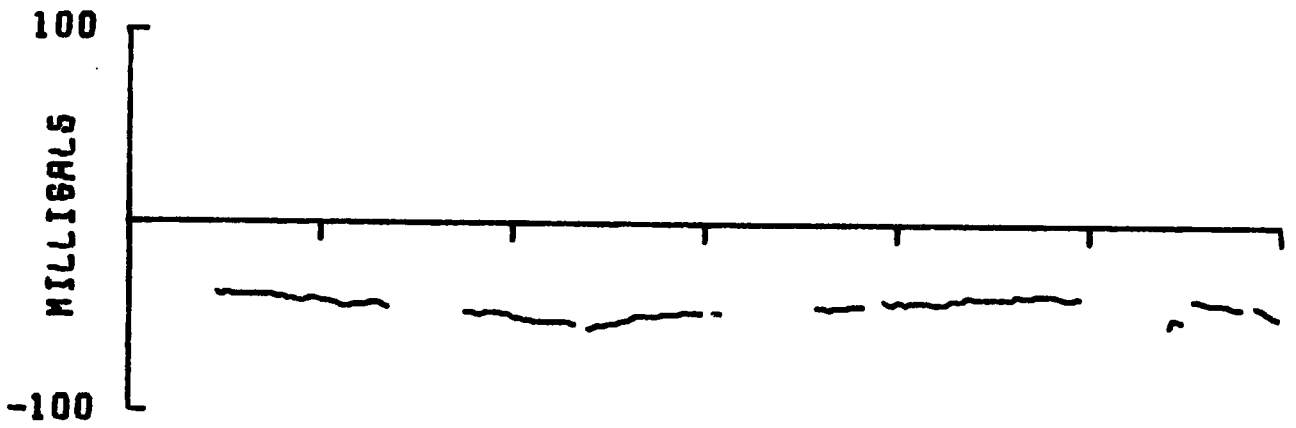
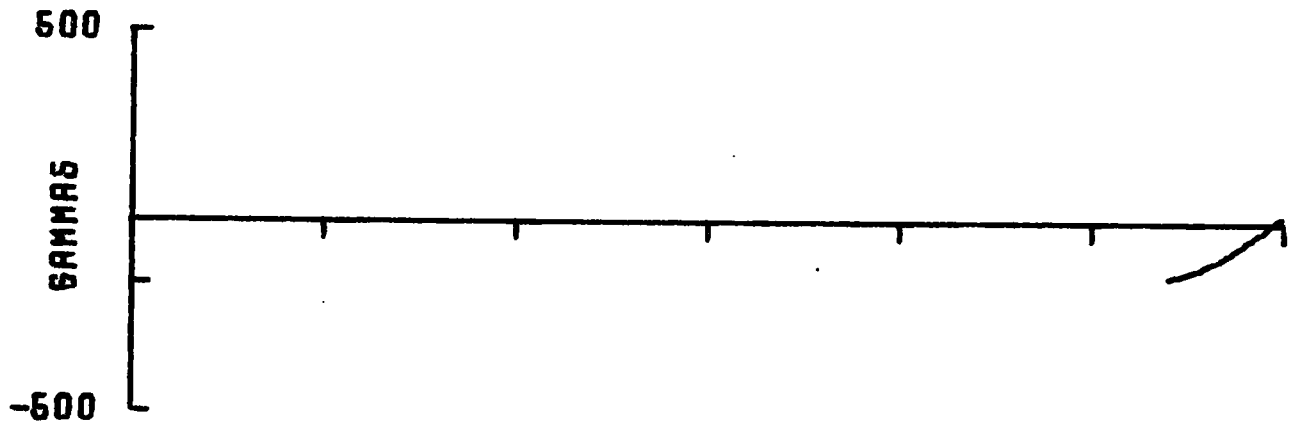
43.5 N



42.0 N

61.5 W

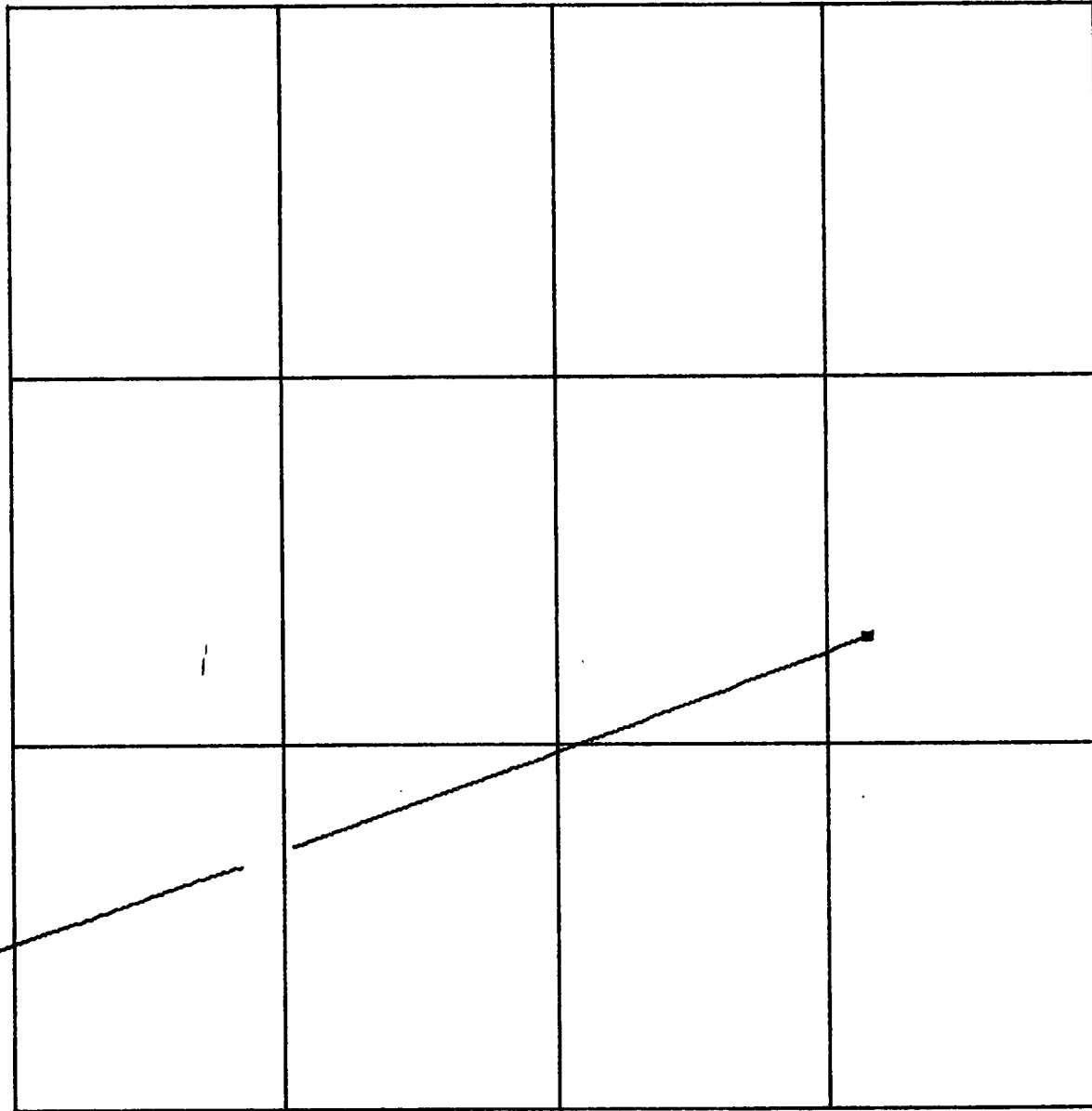
59.5 W



205 306 042.12N
060.25W

204 850 042.24N
060.67W

1/1000000 AT 46 N



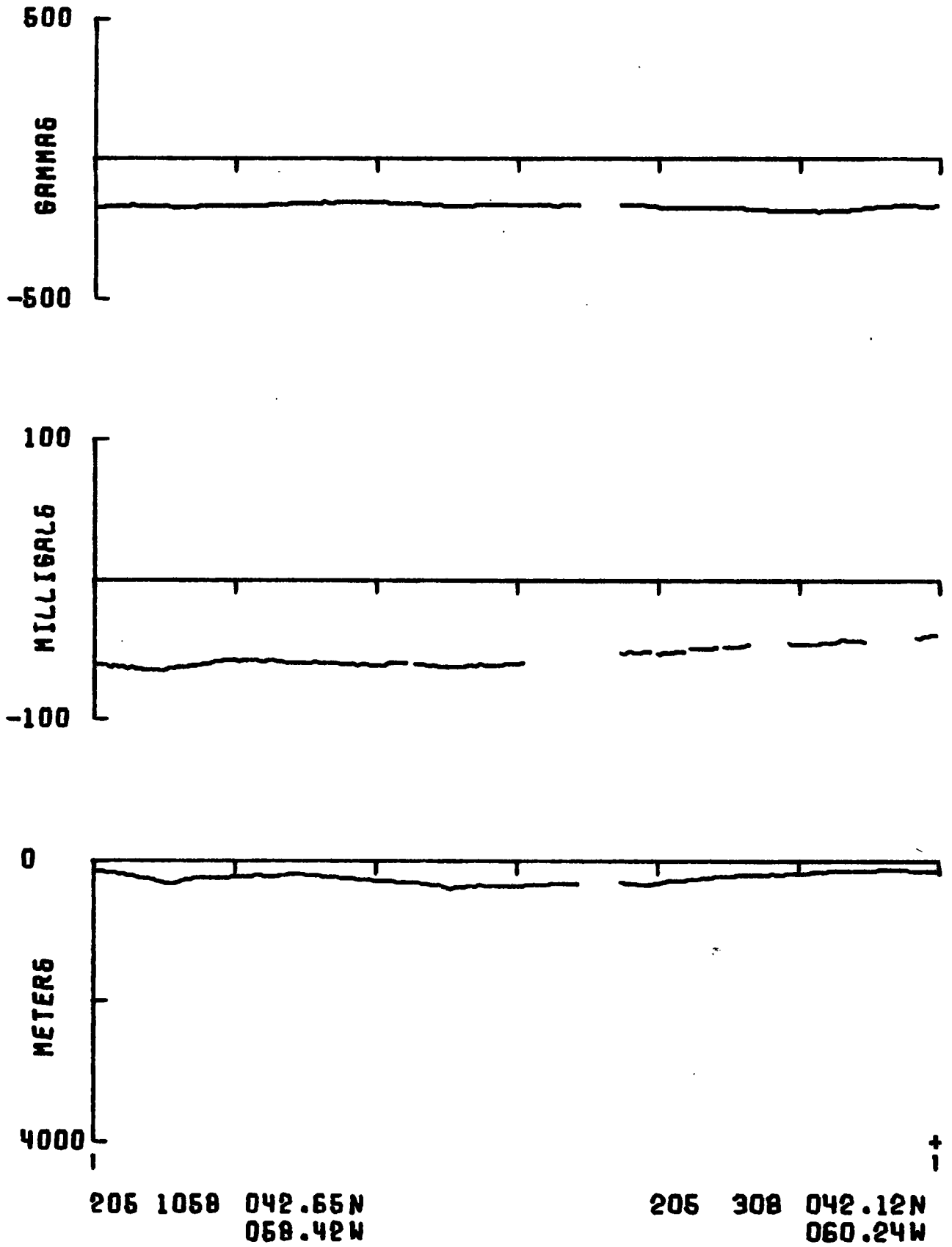
43.5 N



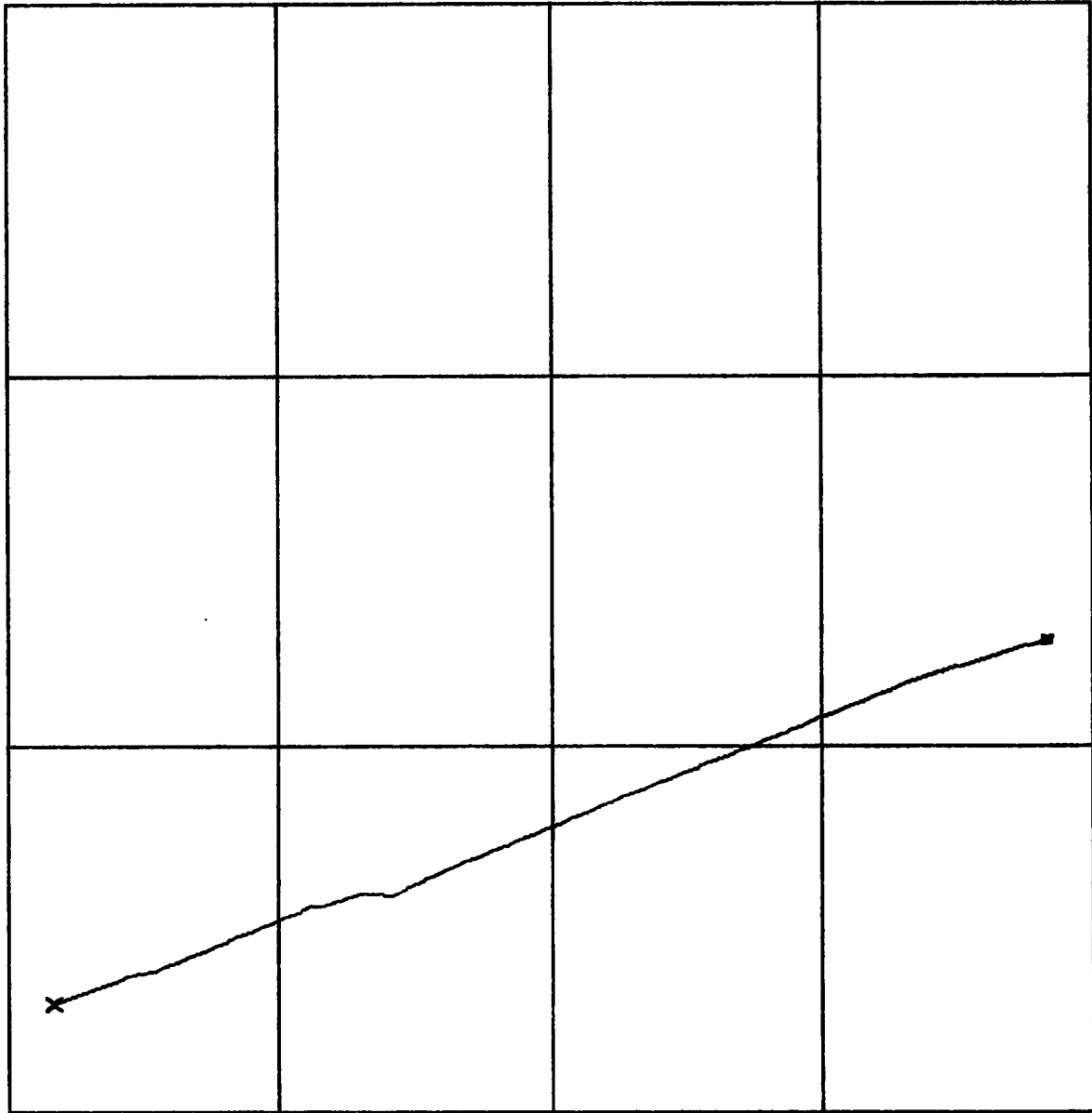
42.0 N

60.0 W

58.0 W



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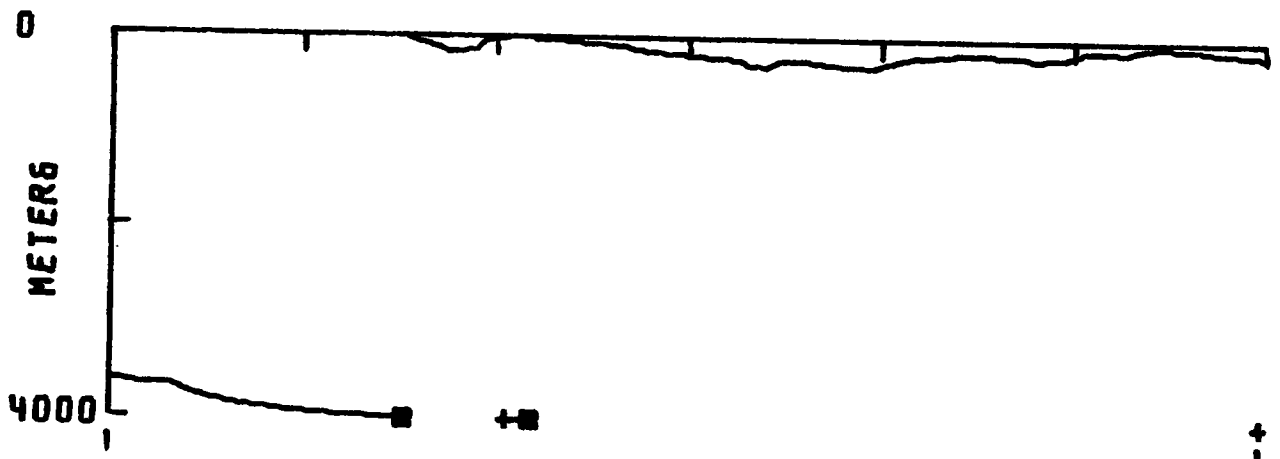
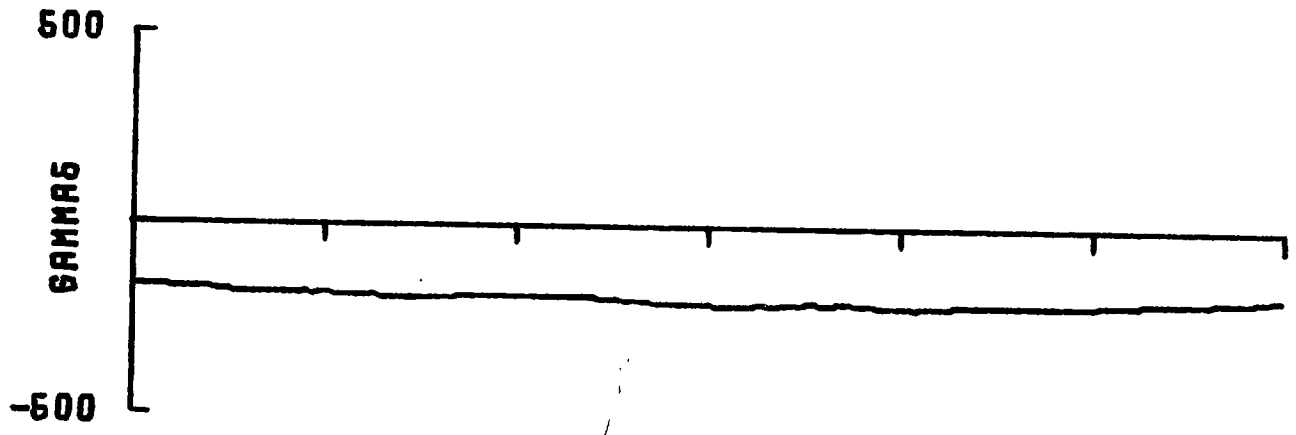
44.0 N



42.5 N

58.5 W

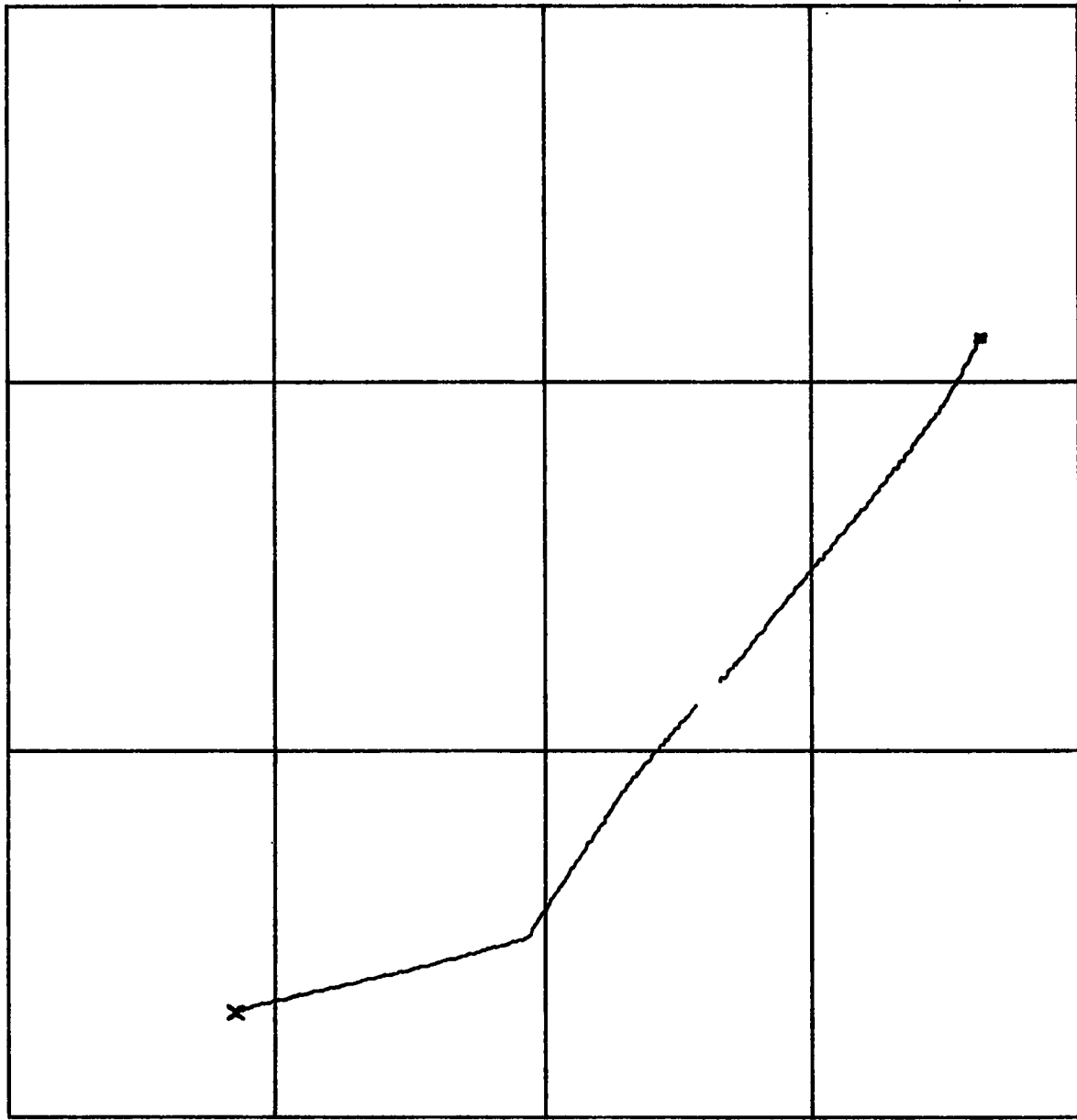
56.5 W



206 1720 043.14N
056.68W

206 1100 042.66N
058.41W

1/1000000 AT 46 N



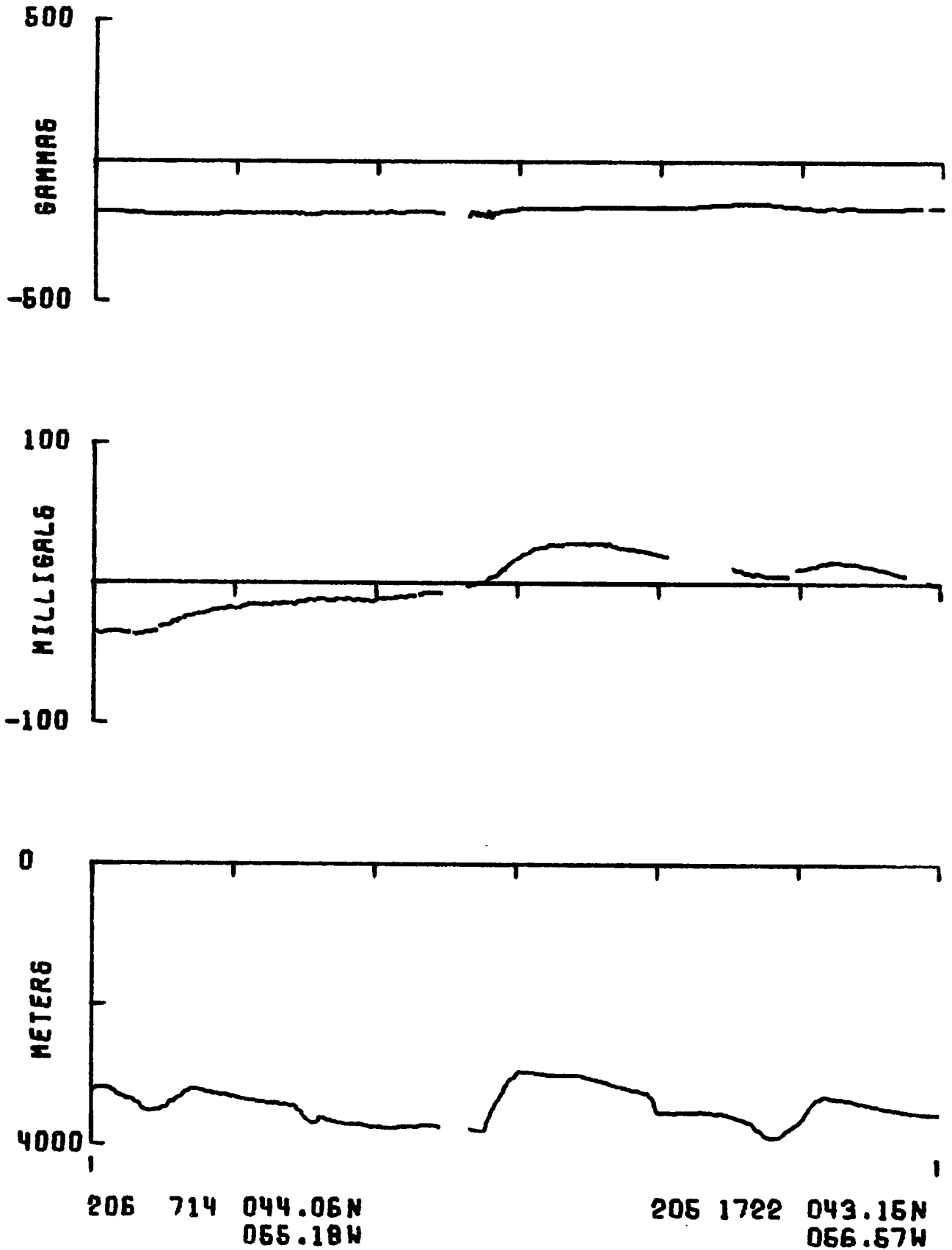
44.5 N



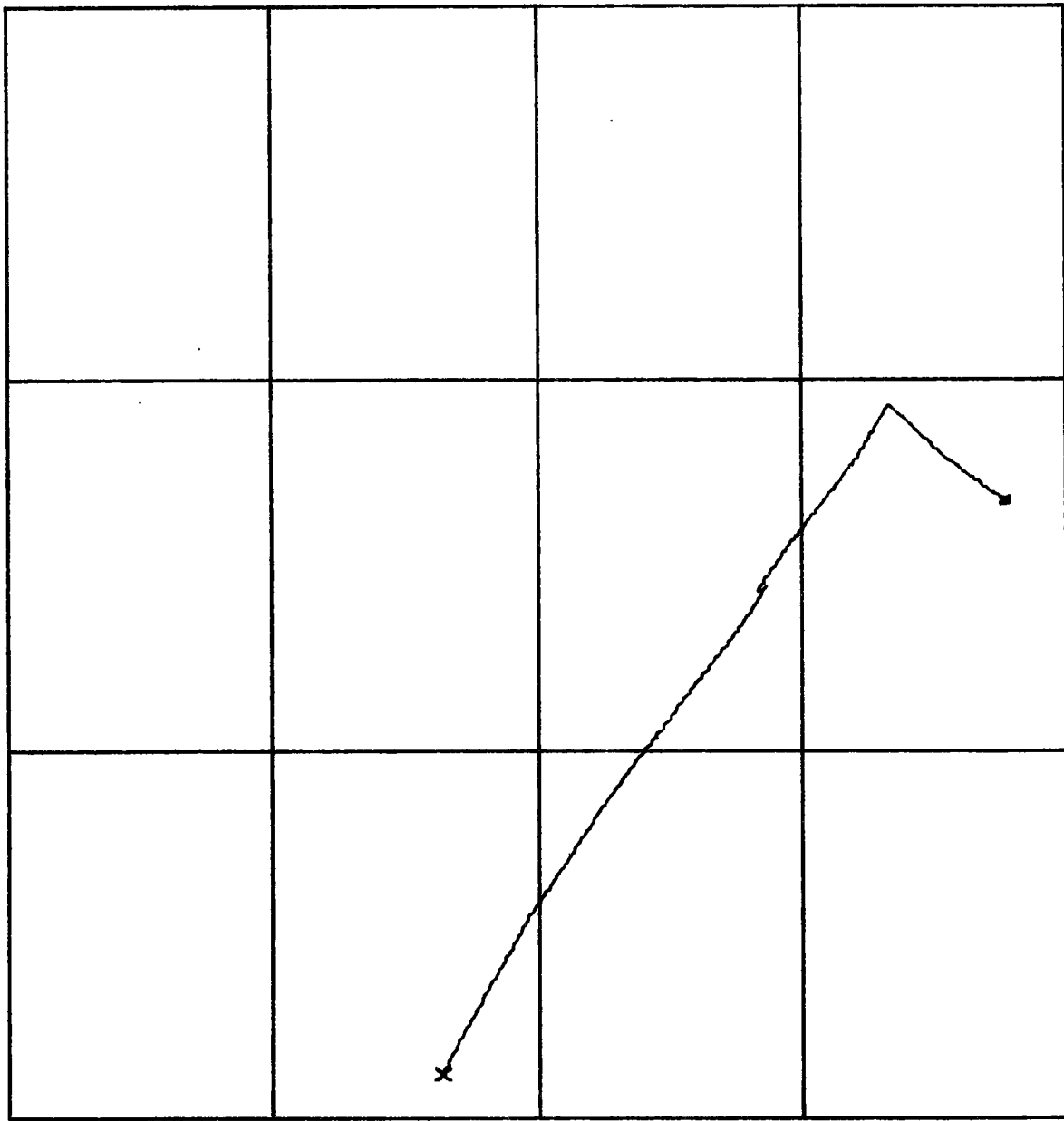
43.0 N

57.0 W

55.0 W



1/1000000 AT 46 N



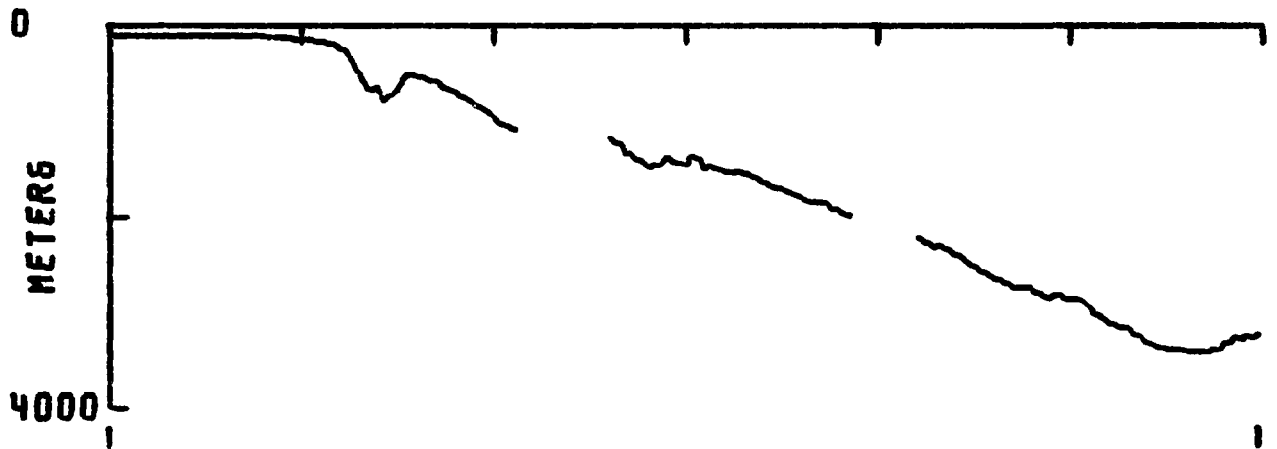
45.5 N



44.0 N

56.0 W

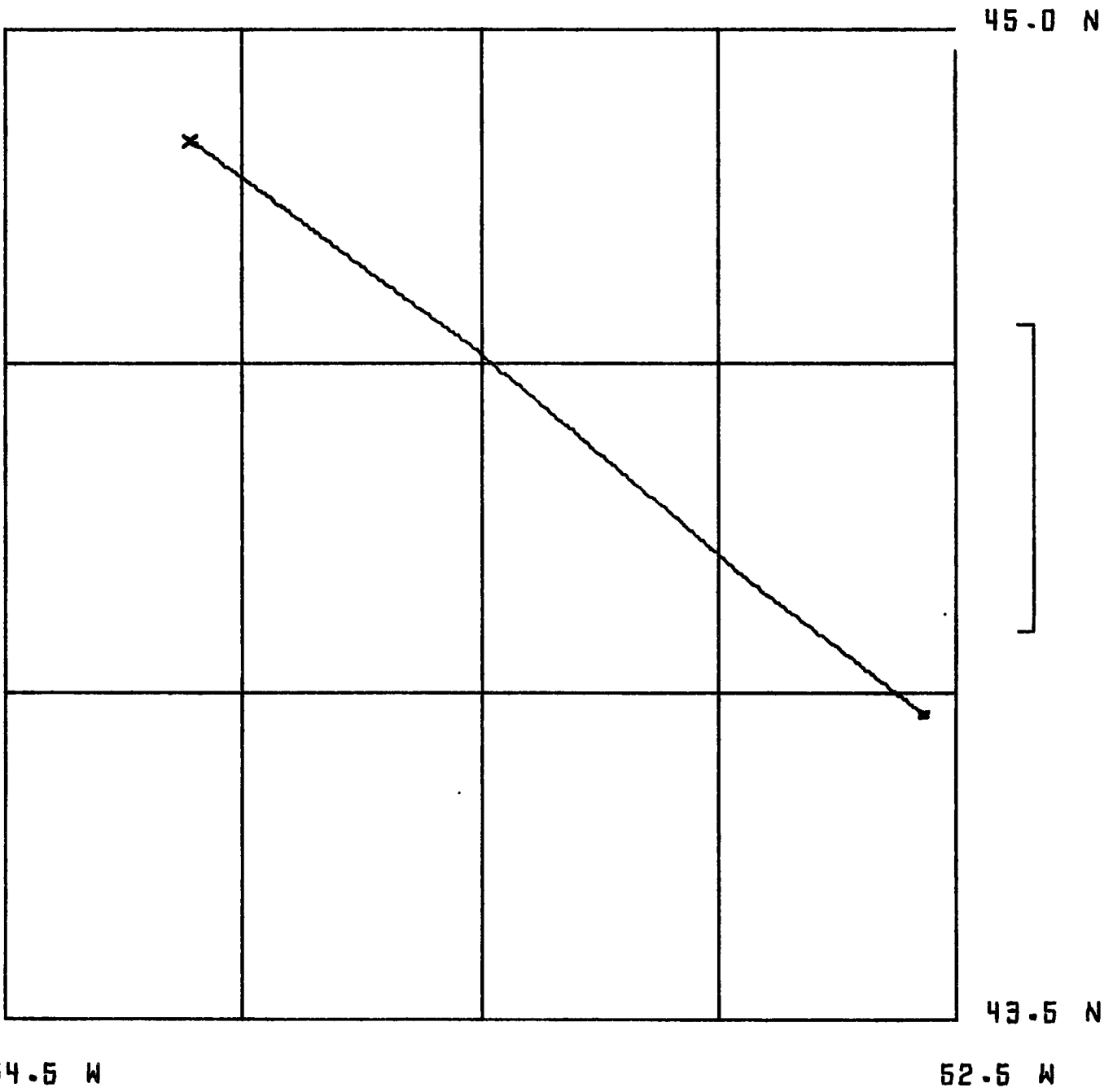
54.0 W

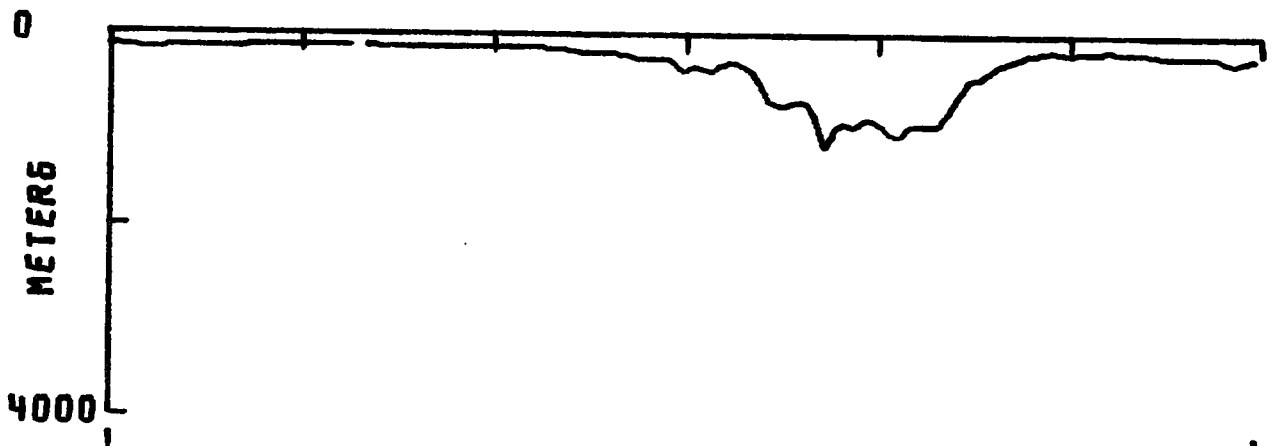
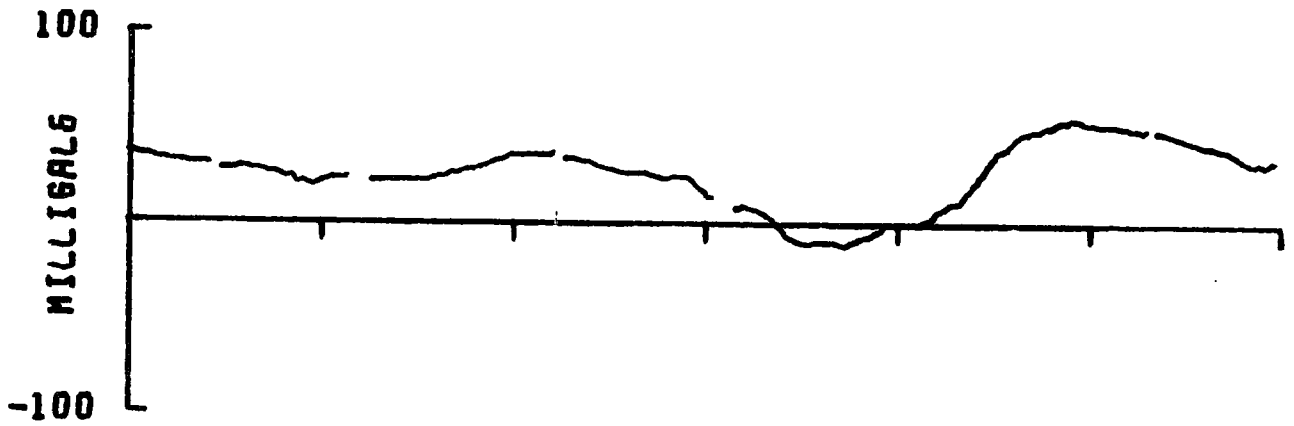
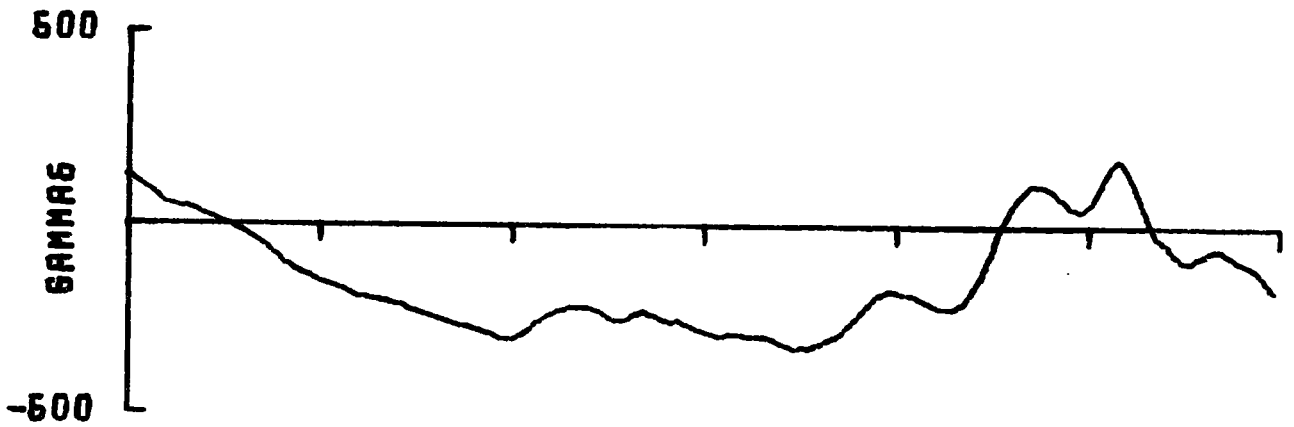


206 2228 044.84N
054.11W

206 716 044.06N
065.18W

1/1000000 AT 46 N

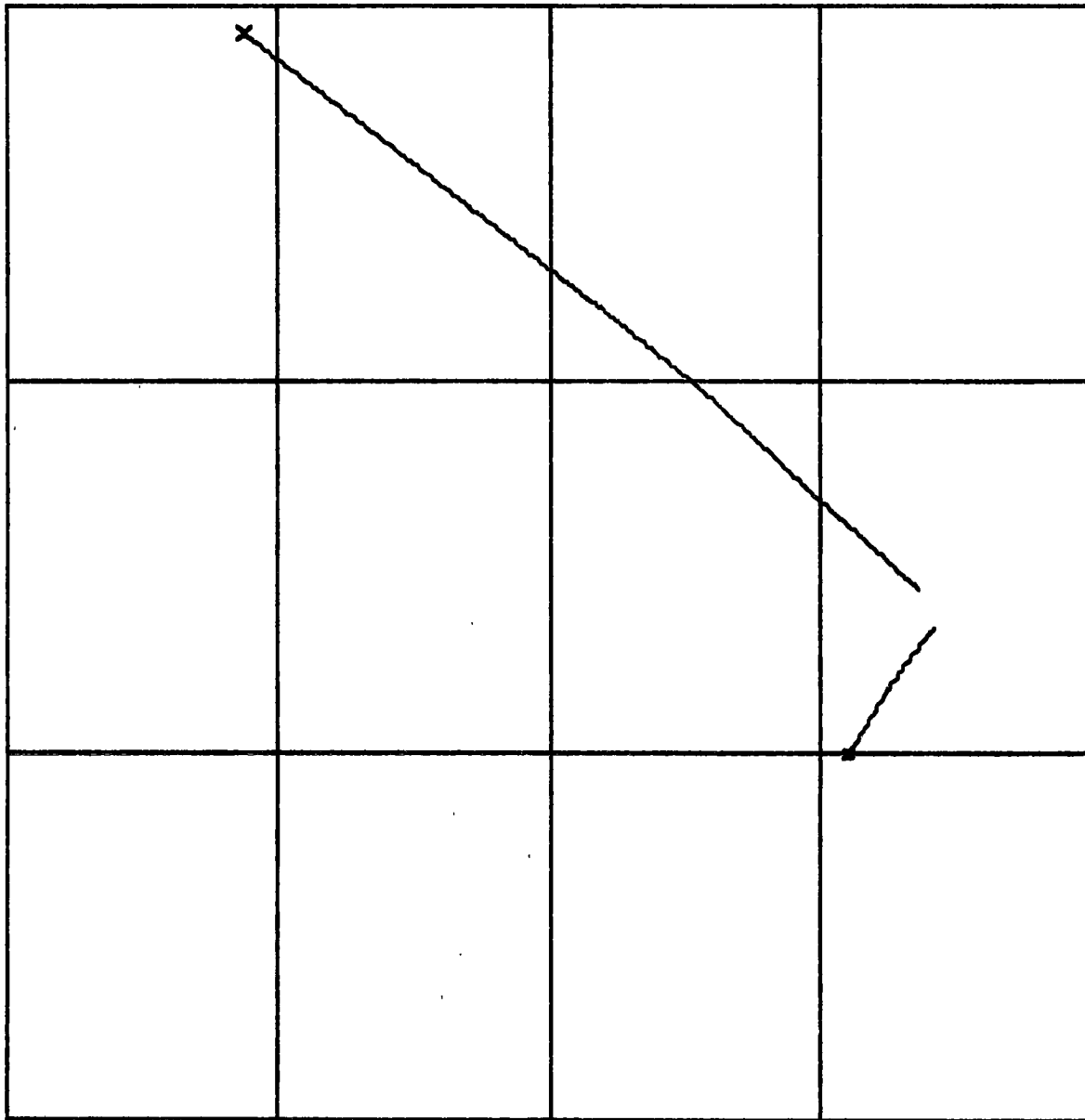




206 2230 044.83N
054.11W

207 514 043.97N
052.57W

1/1000000 AT 46 N



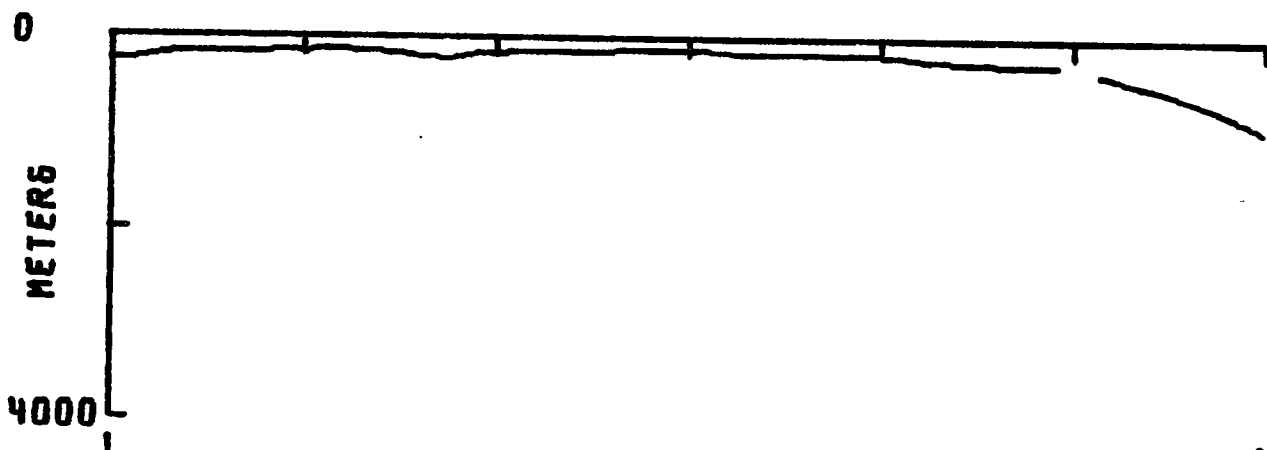
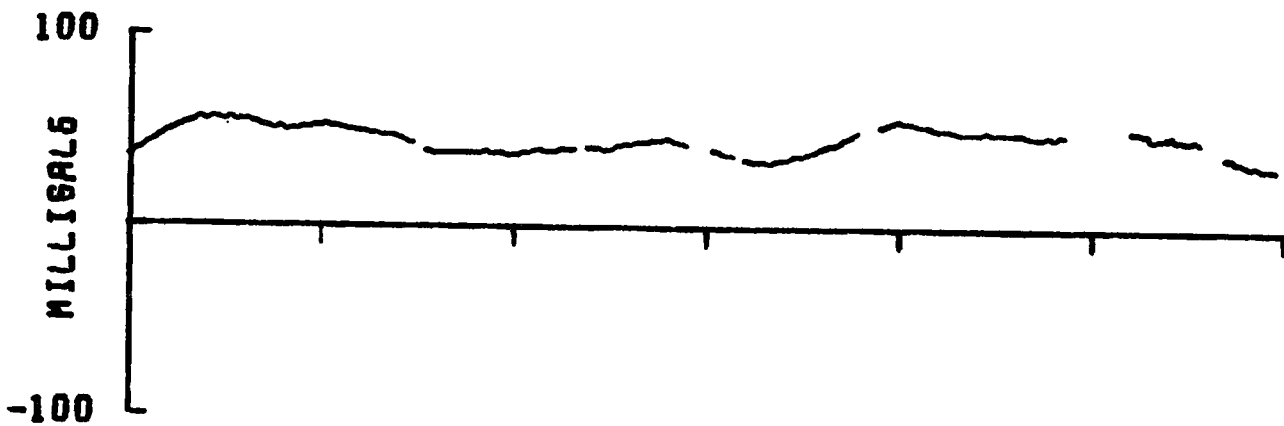
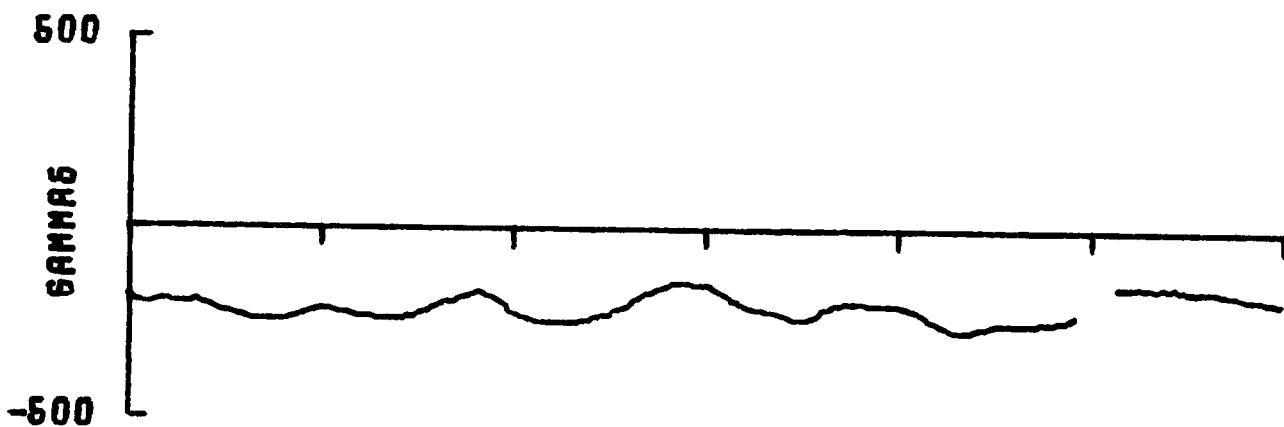
44.0 N



42.5 N

63.0 W

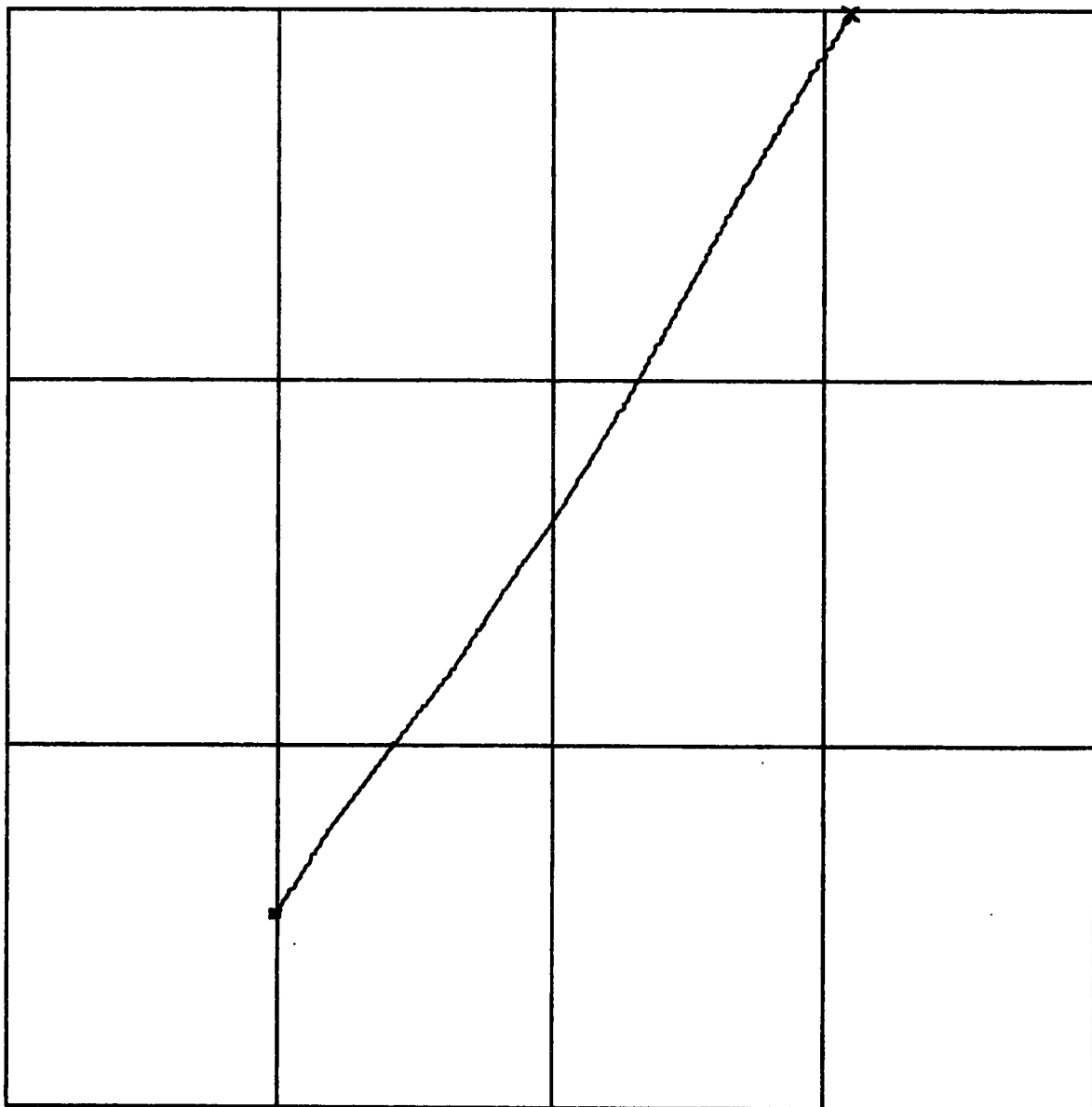
61.0 W



207 516 049.96N
062.66W

207 1902 043.00N
061.46W

1/1000000 AT 46 N



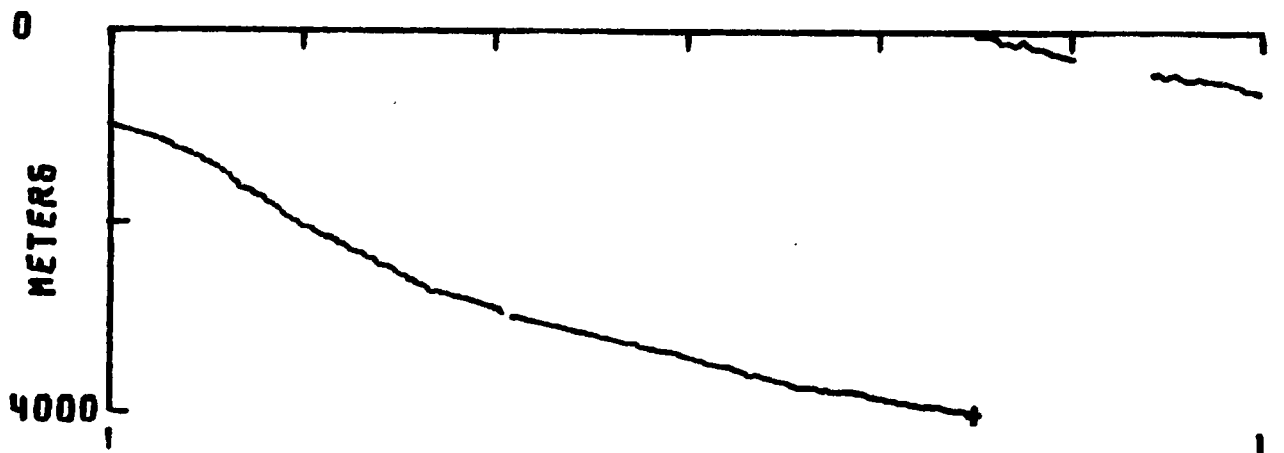
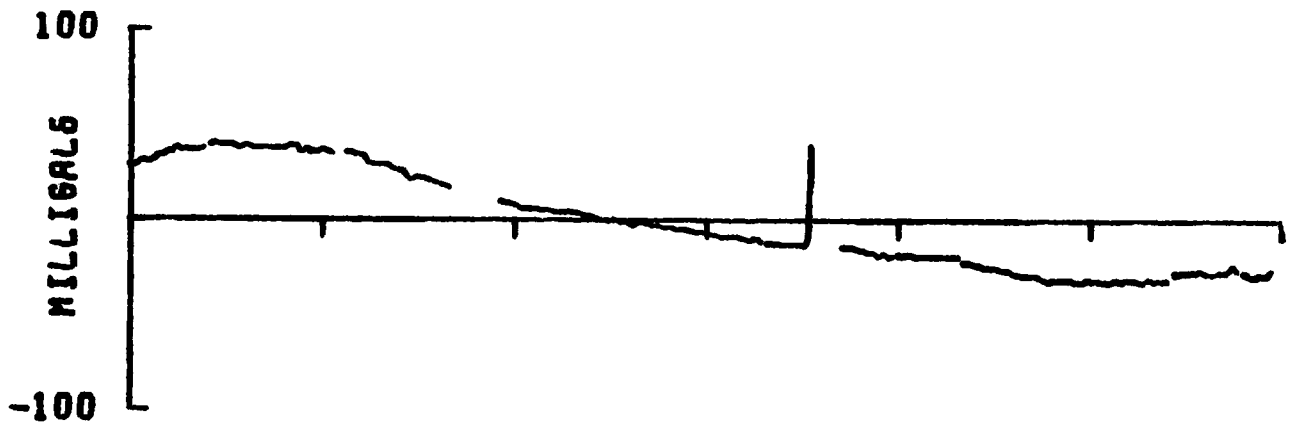
43.0 N



41.5 N

53.0 W

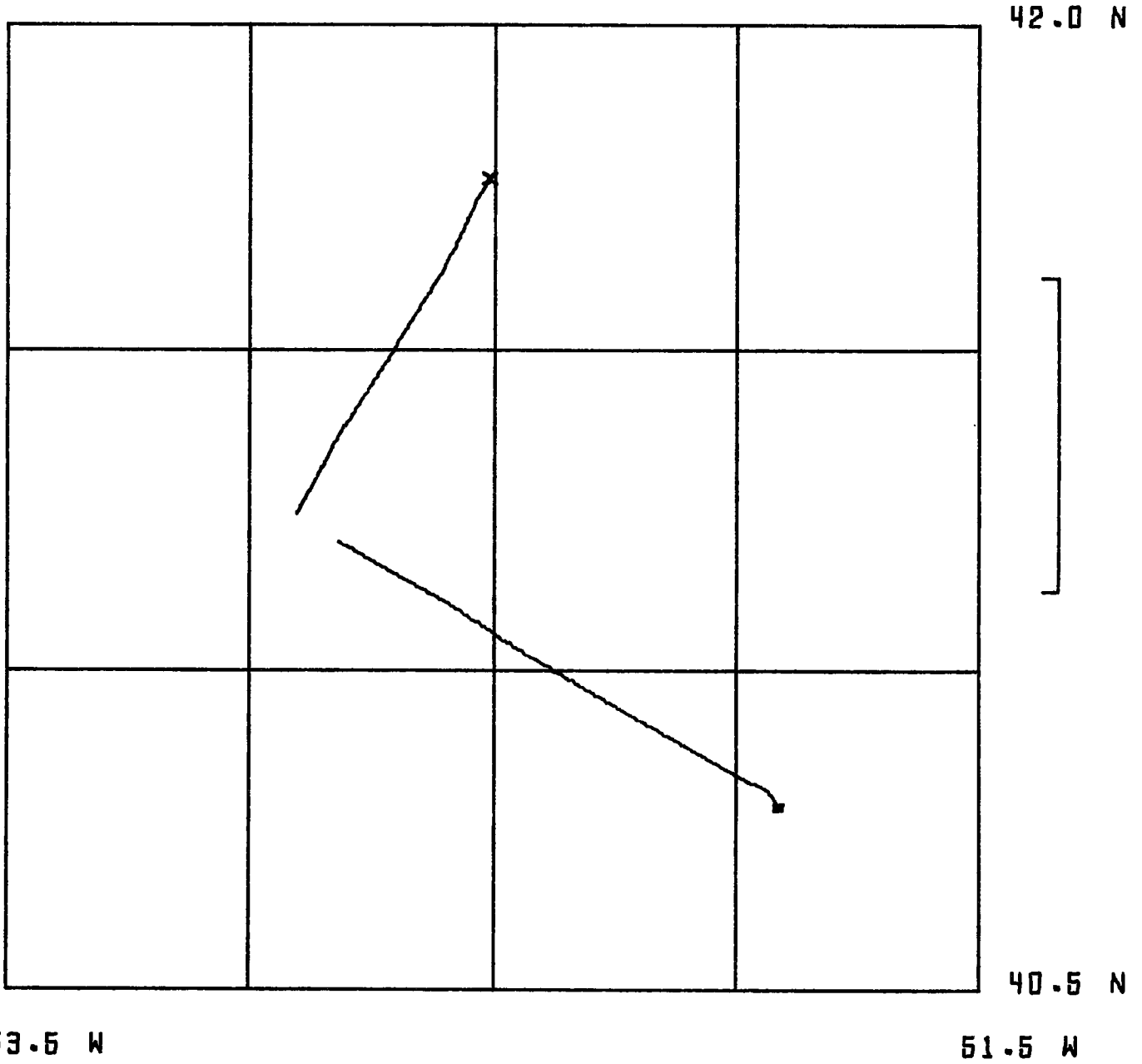
51.0 W

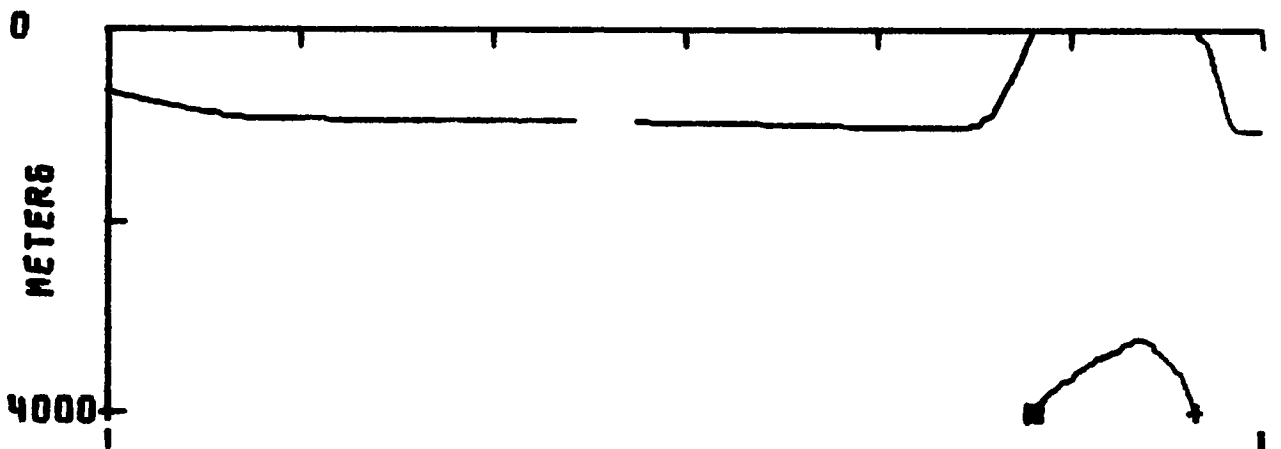
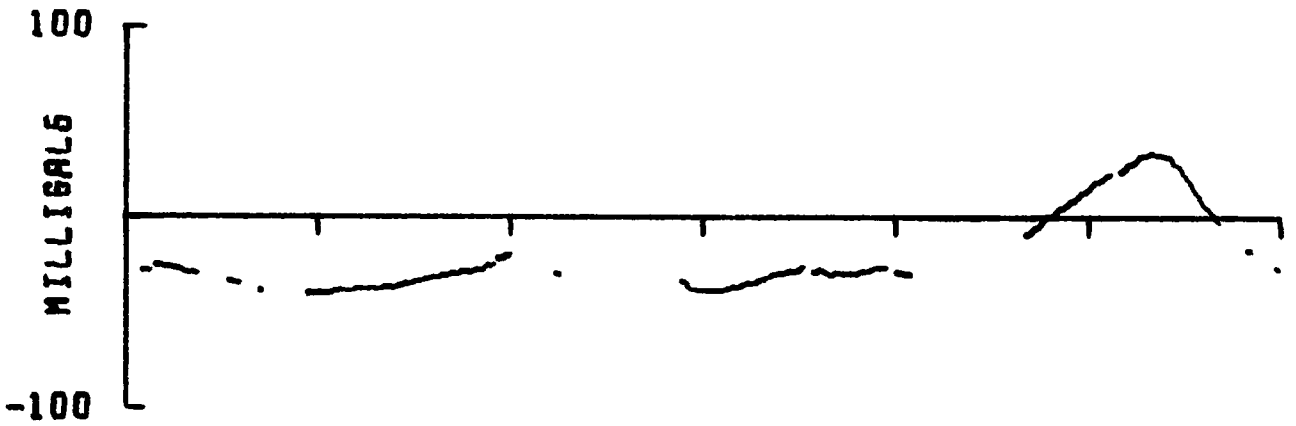
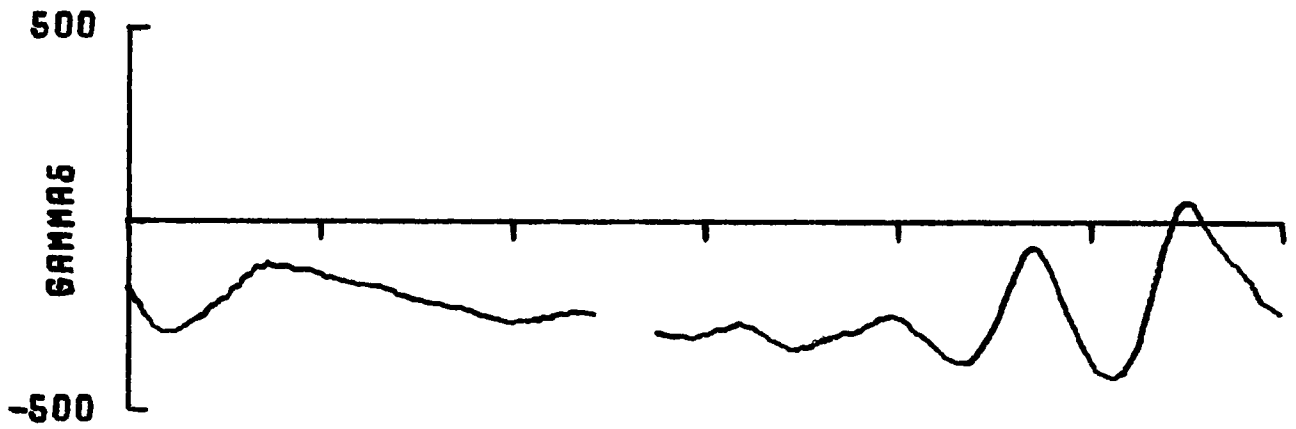


207 1904 042.99N
051.45W

208 1034 041.77N
052.50W

1/1000000 AT 46 N

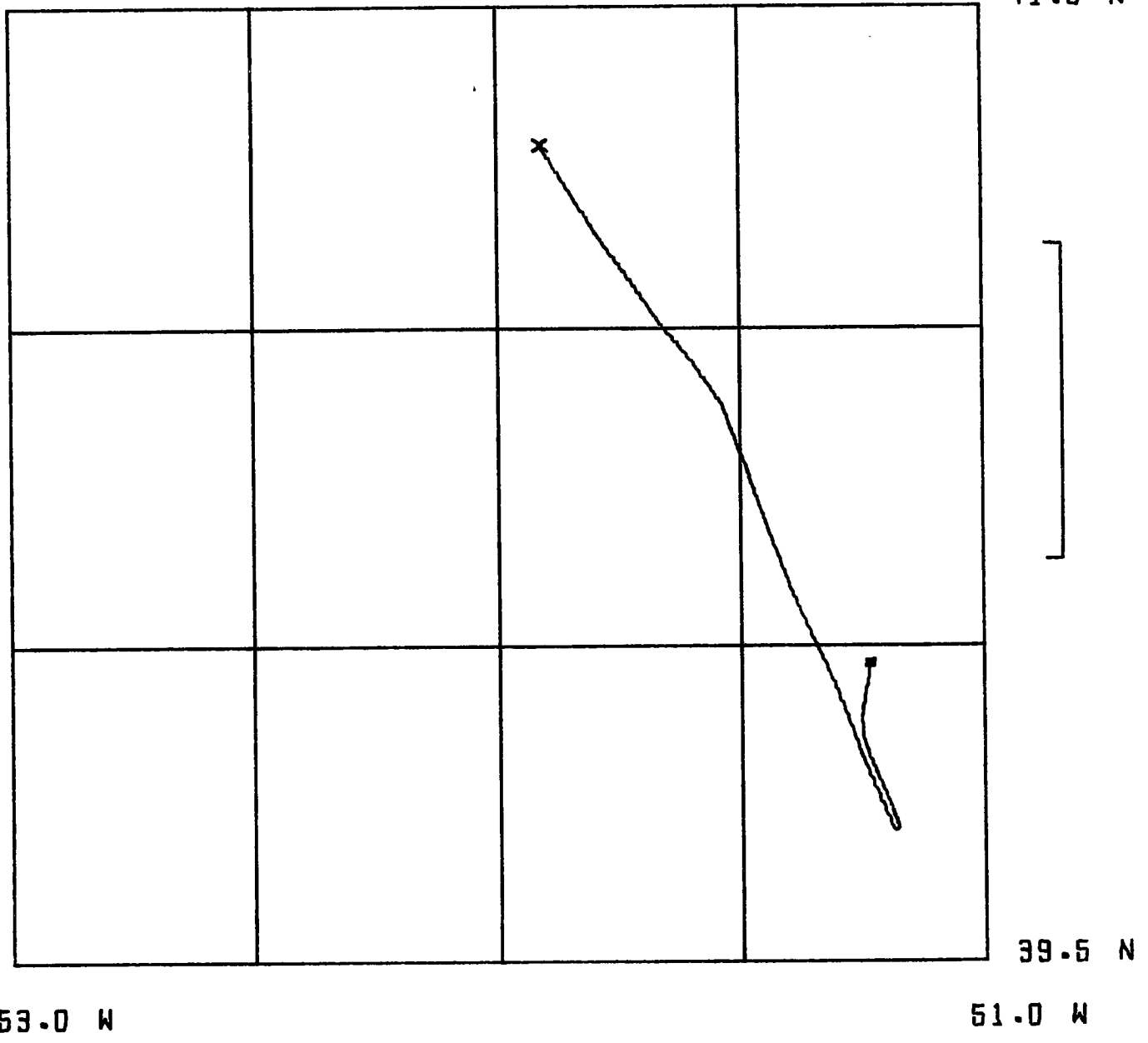


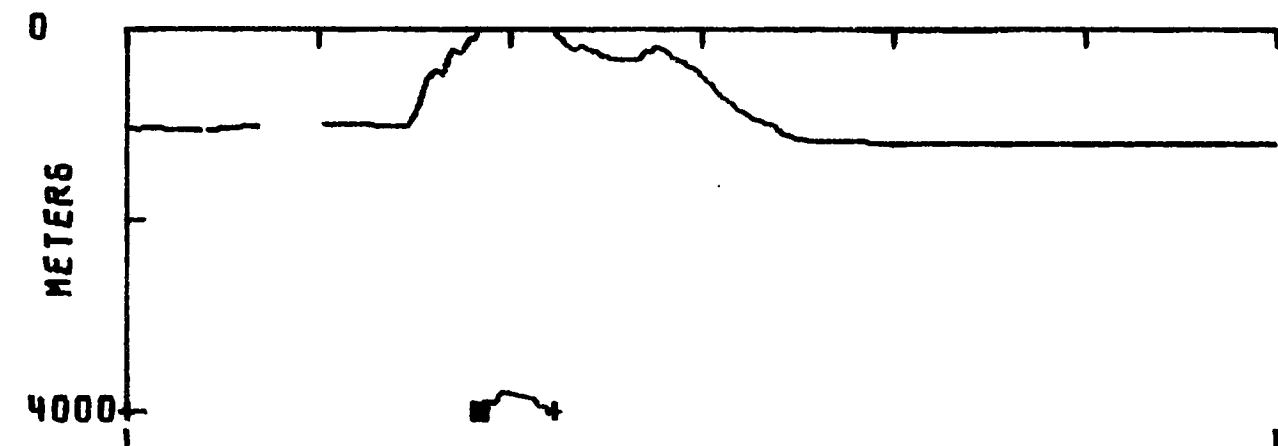
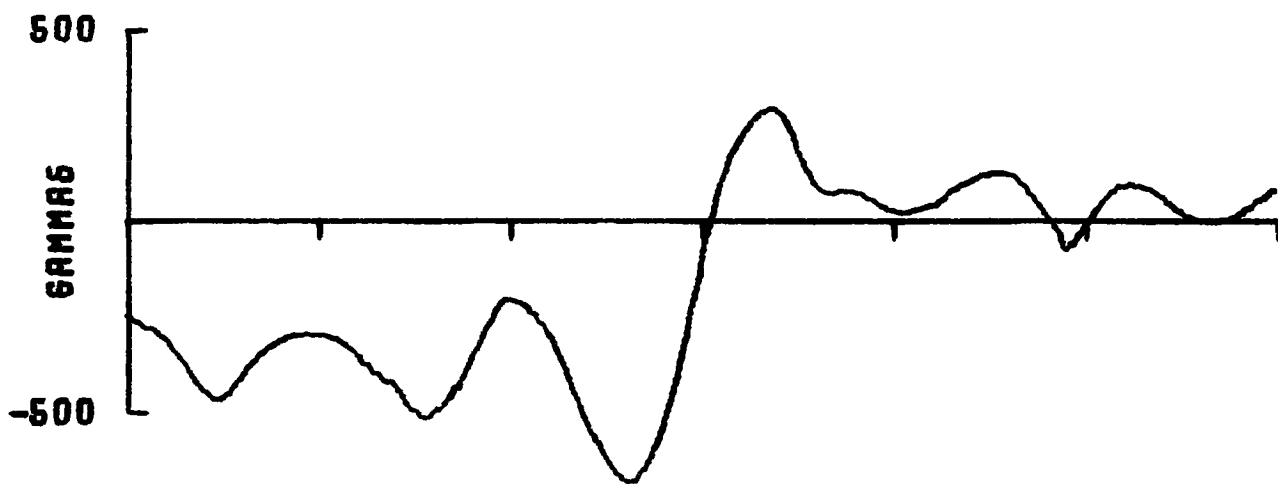


208 1036 041.76N
062.61W

208 2236 040.79N
061.91W

1/1000000 AT 46 N

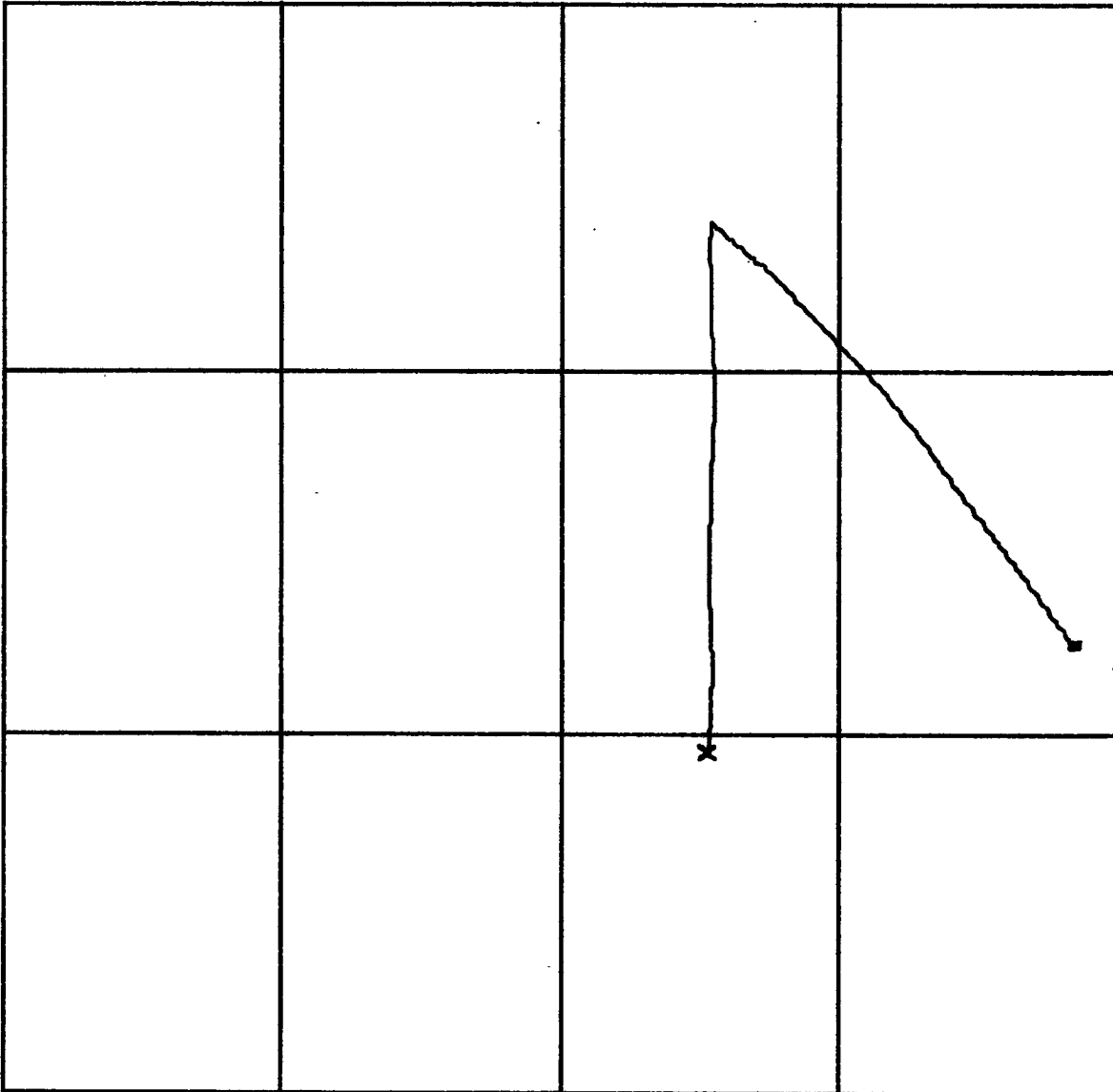




208 2238 040.78N
051.91W

209 1522 039.97N
051.24W

1/1000000 AT 46 N



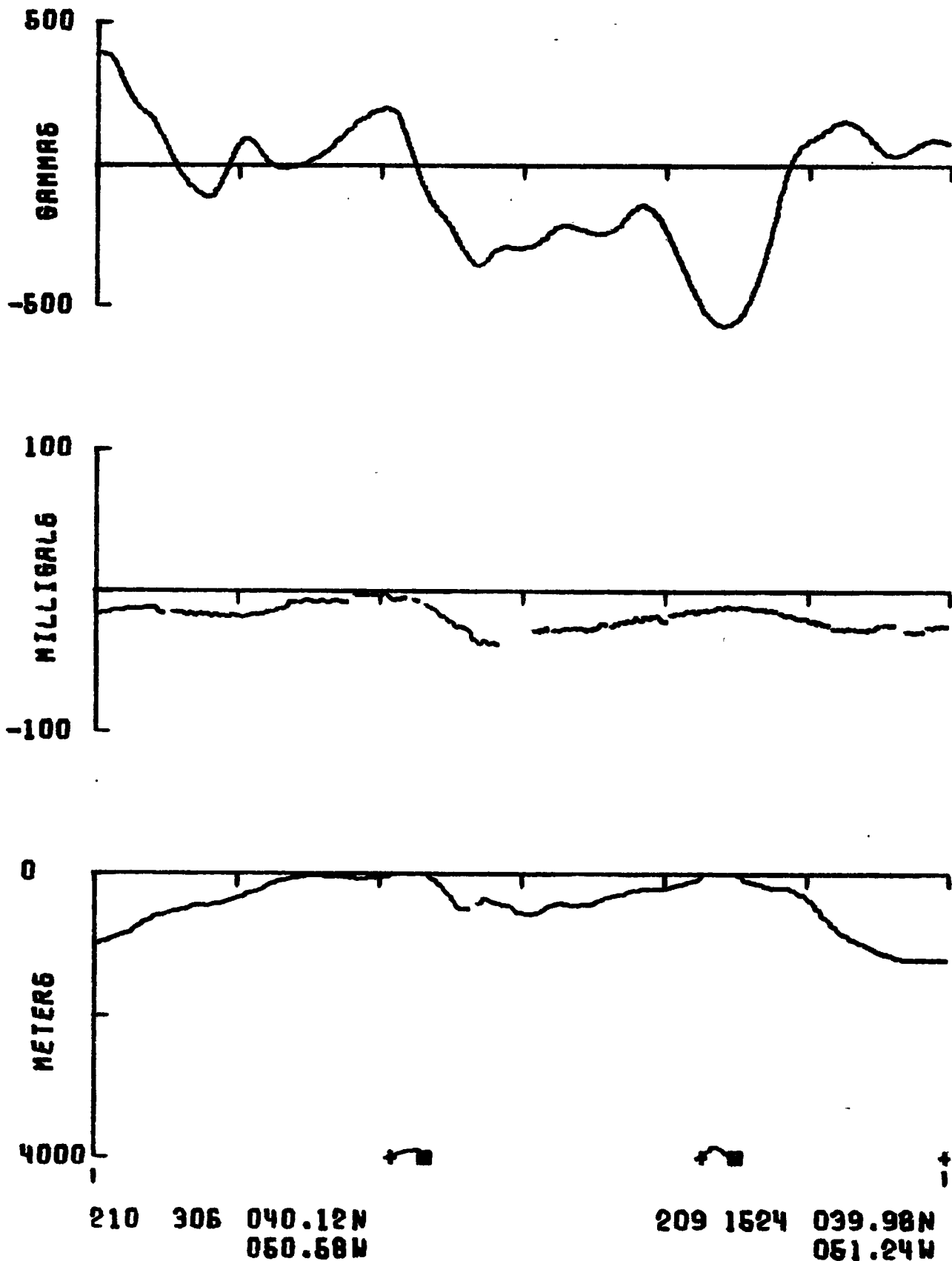
41.0 N



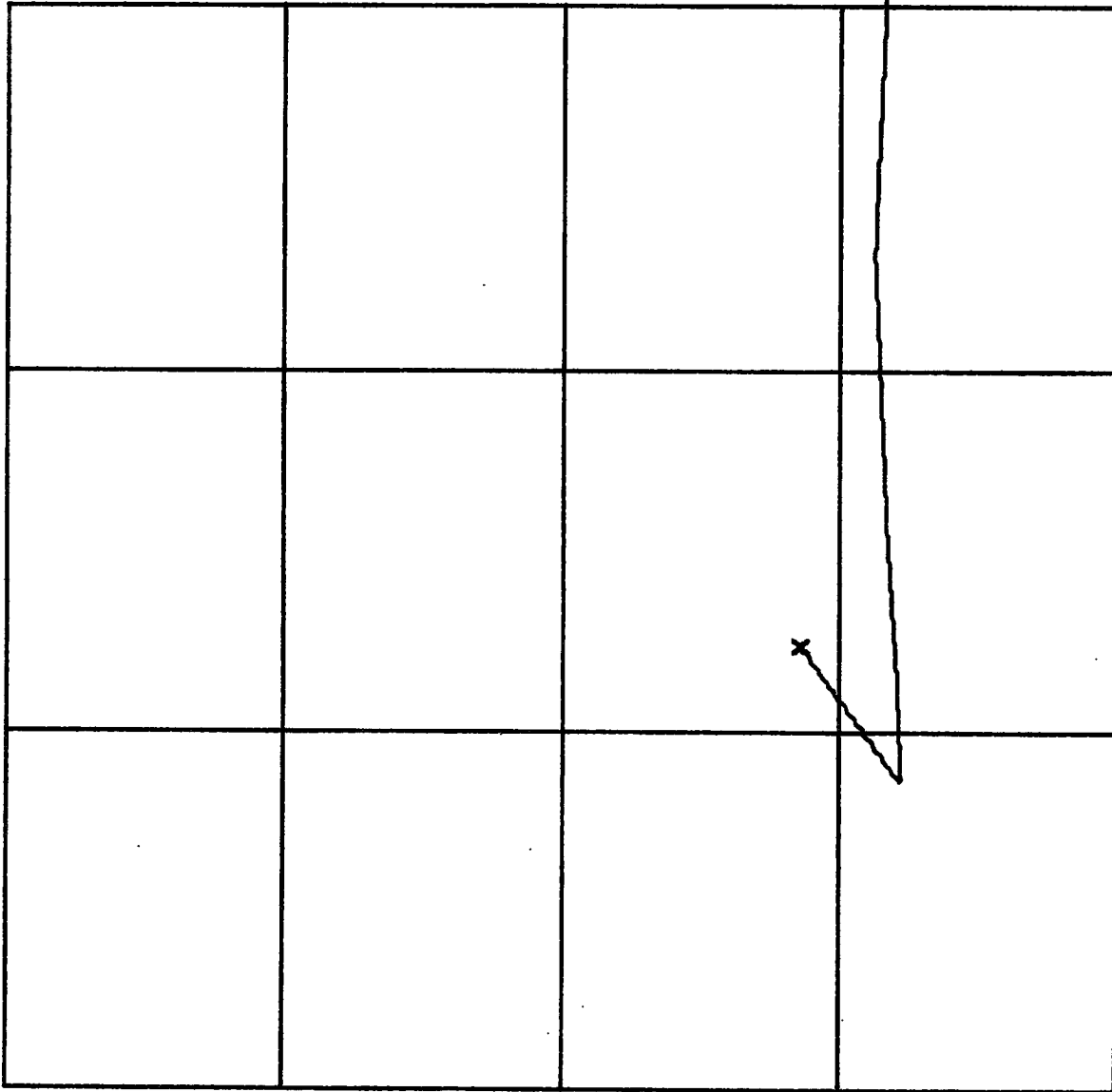
39.5 N

52.5 W

50.5 W



1/1000000 AT 46 N



41.0 N

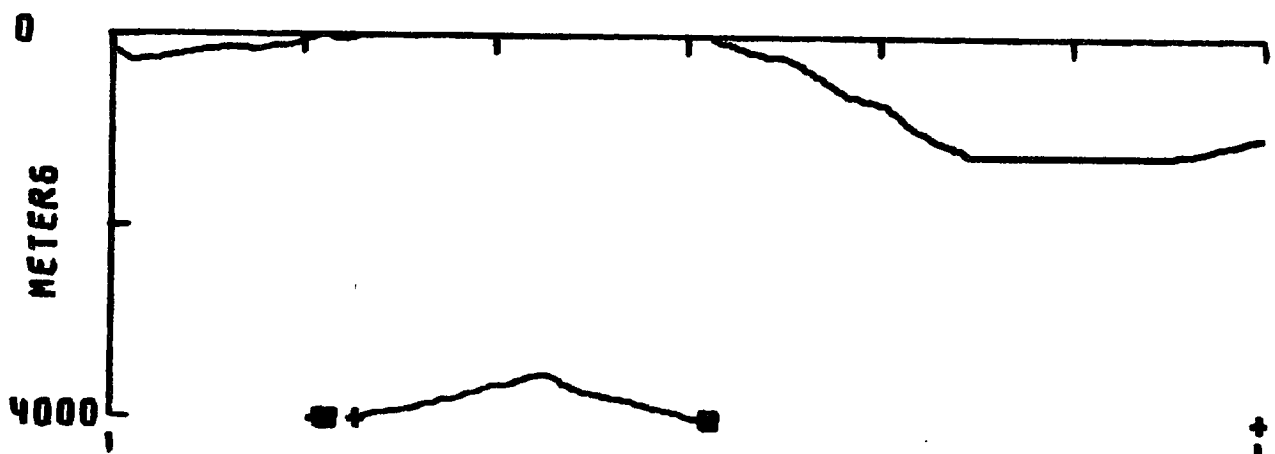
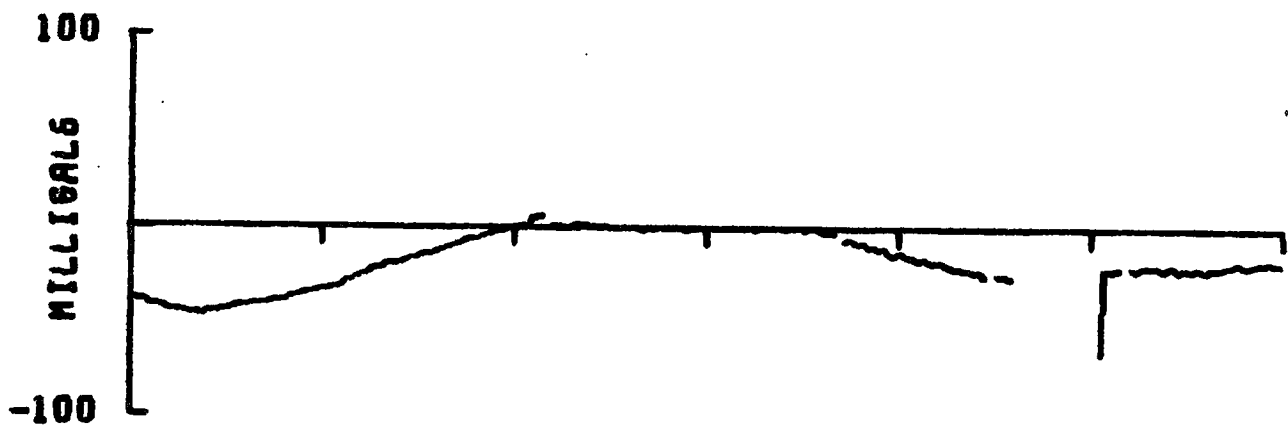
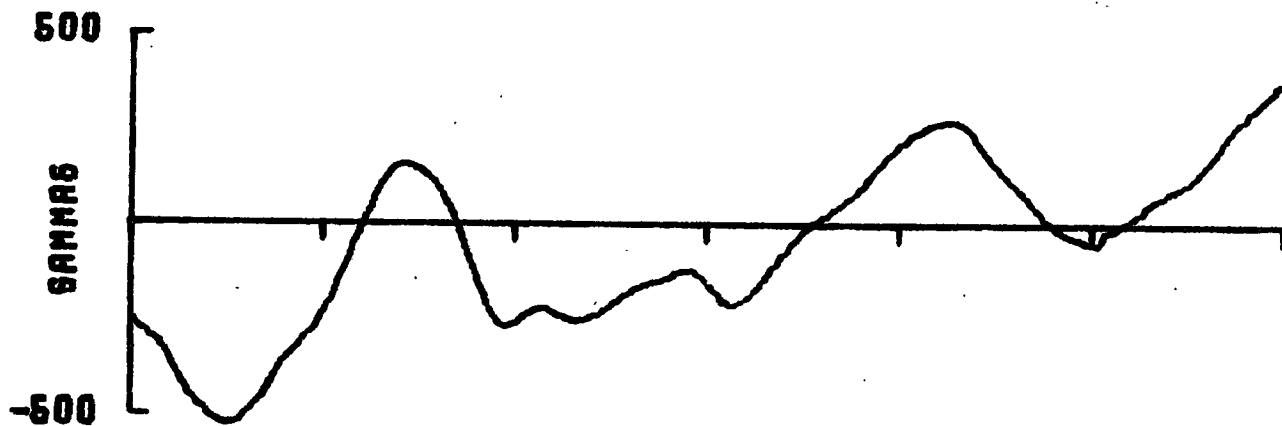
39.5 N

52.0 W

50.0 W

1/1000000 AT 46N

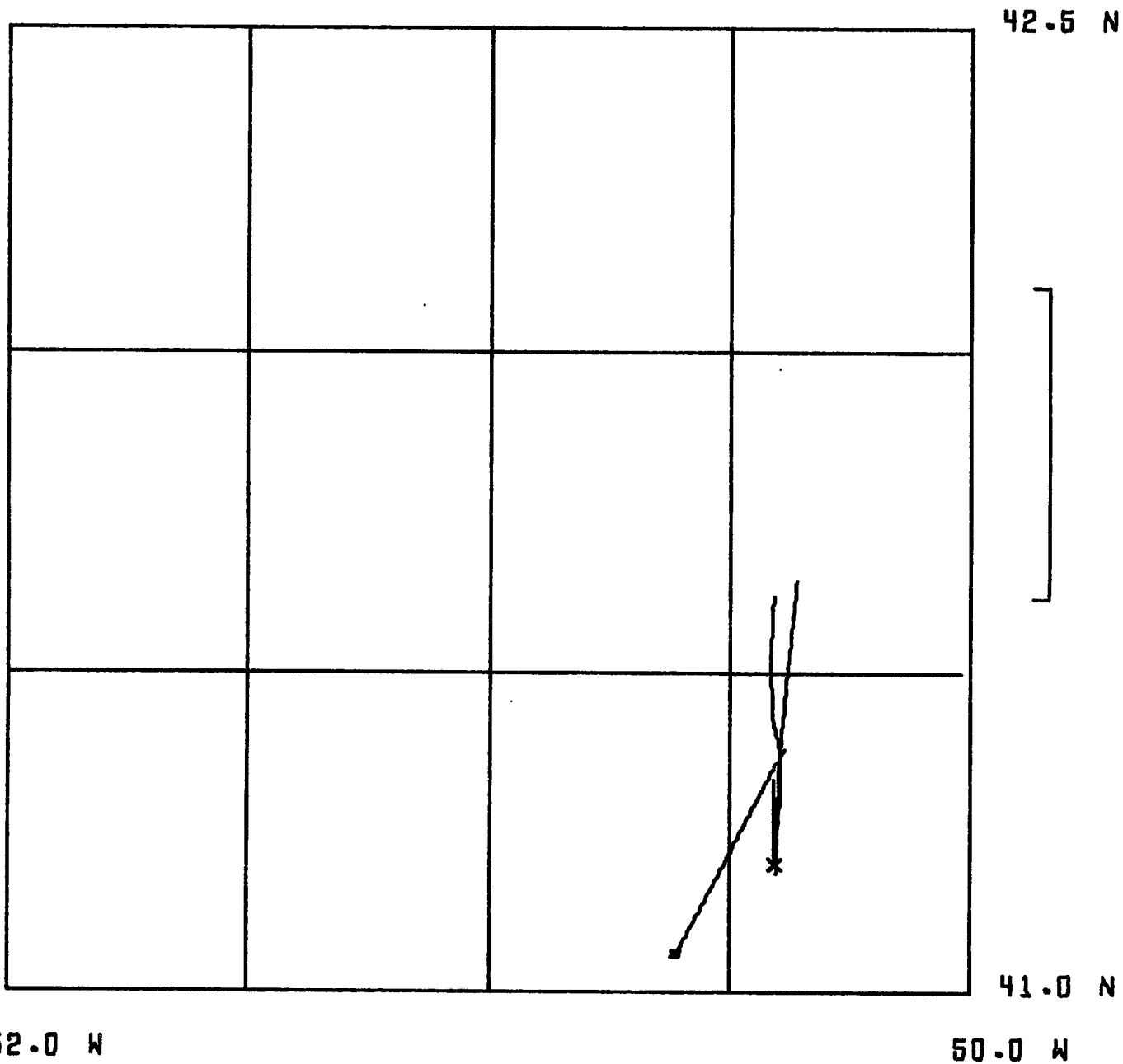
C-99



210 1042 041.20N
060.41W

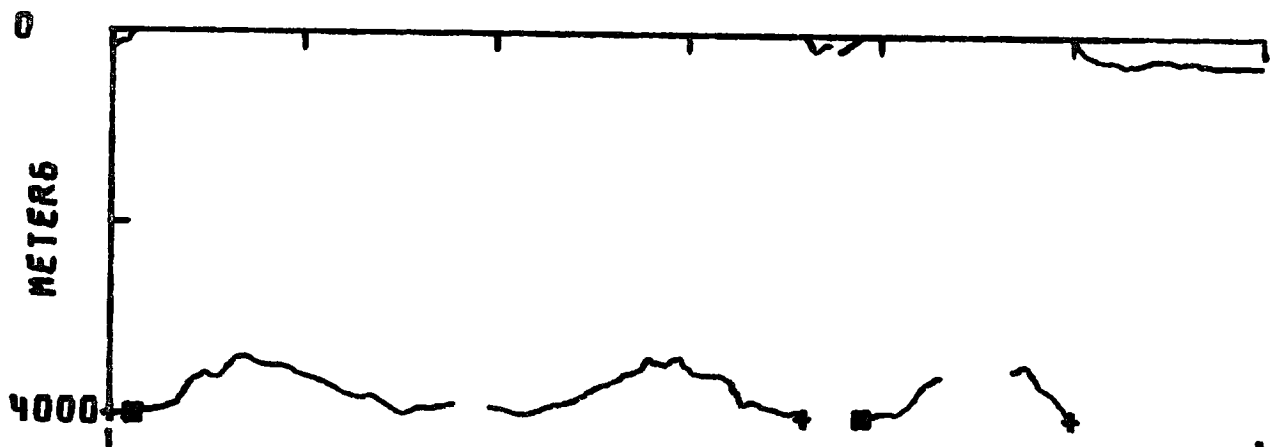
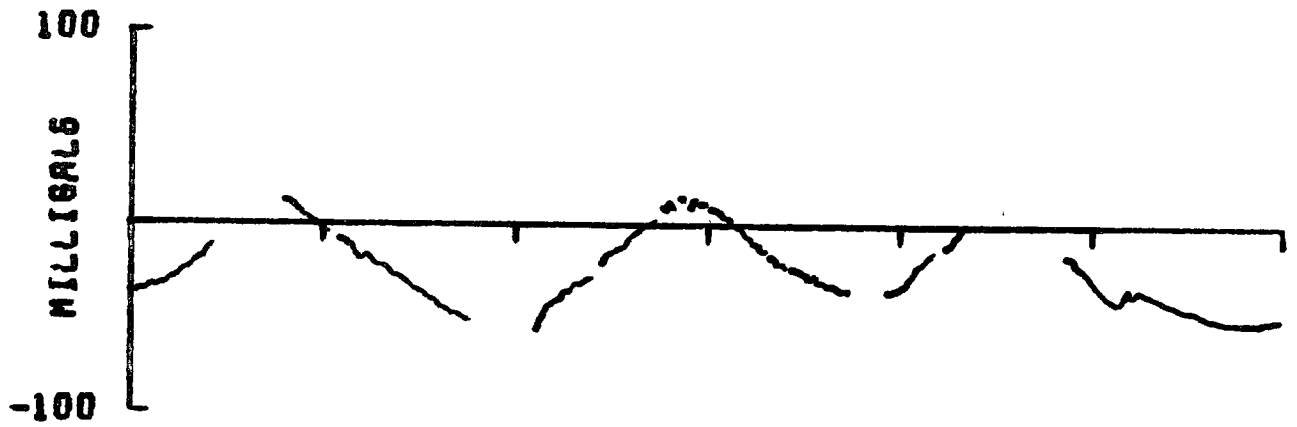
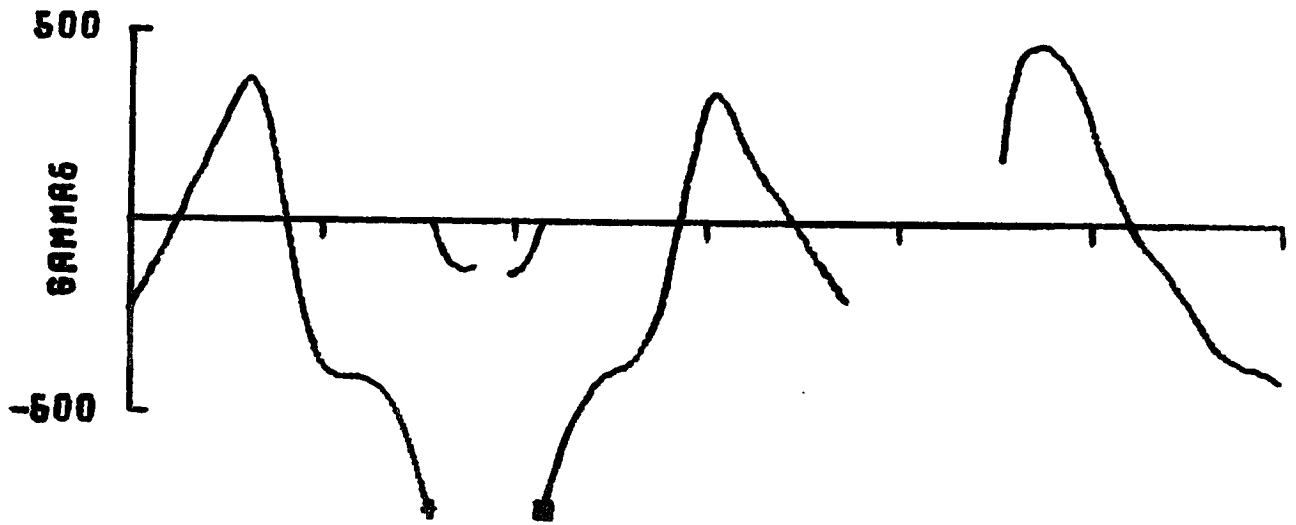
210 308 040.12N
060.67W

1/1000000 AT 46 N



1/1000000 AT 46N

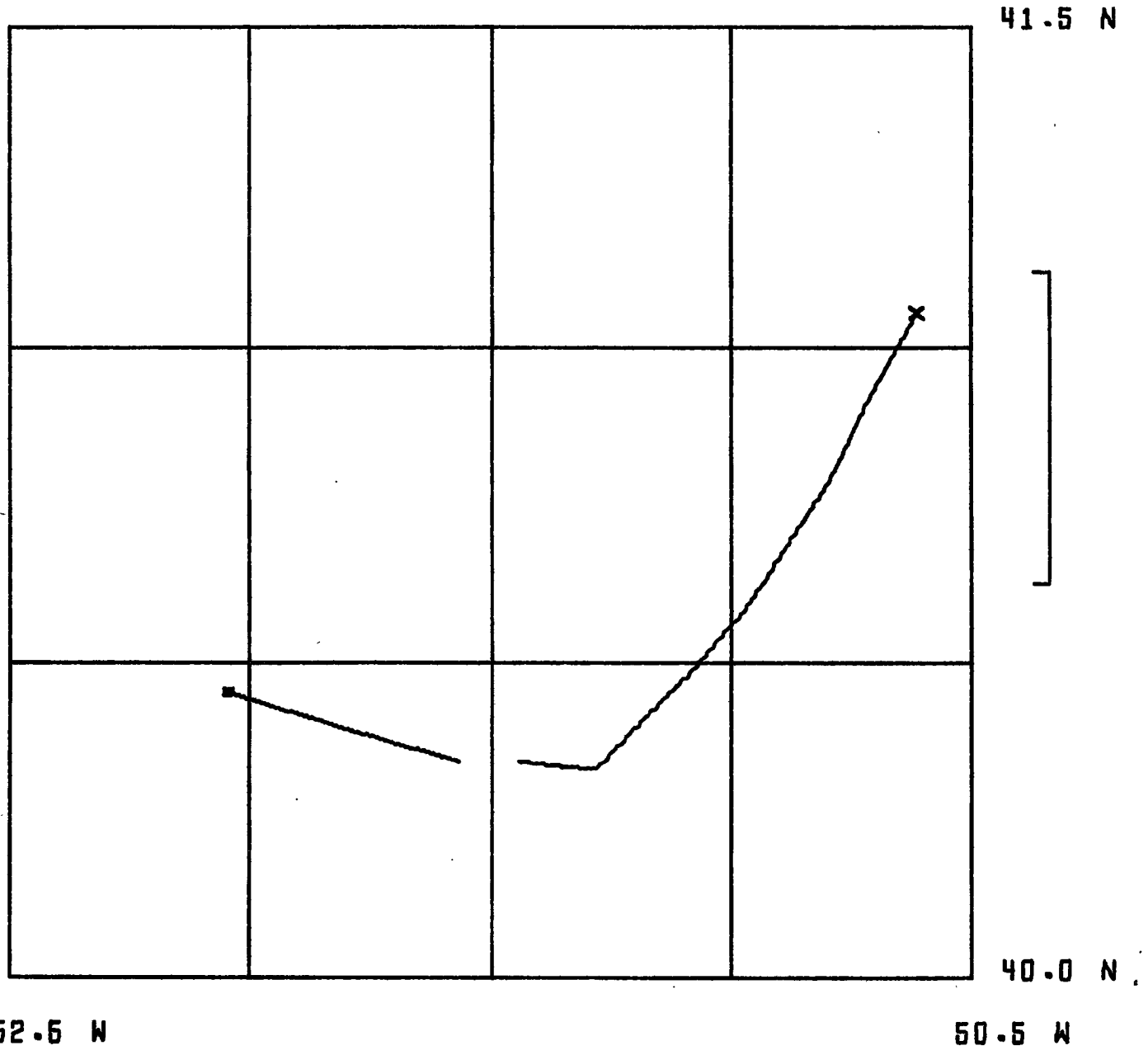
C-101

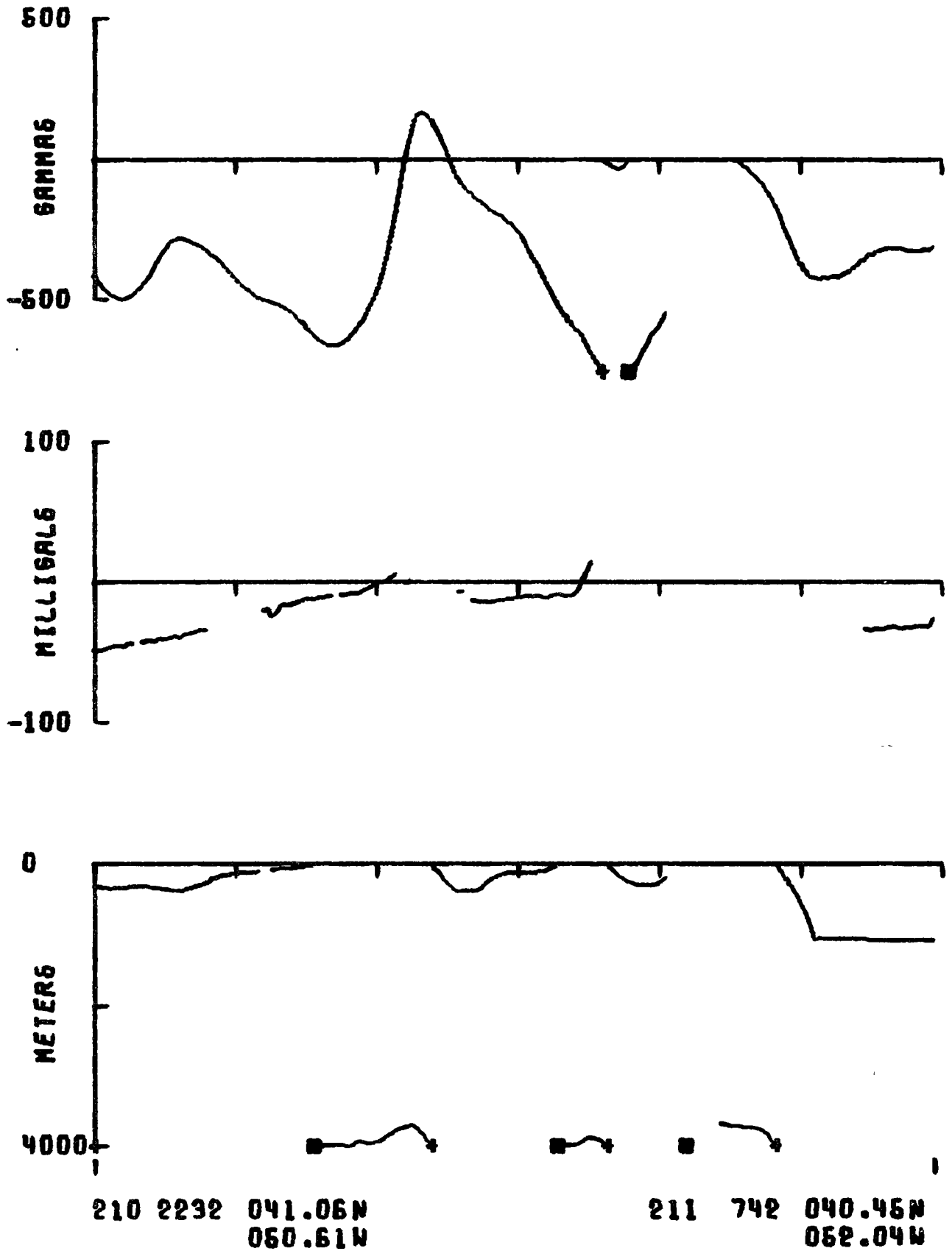


210 1044 041.20N
060.41W

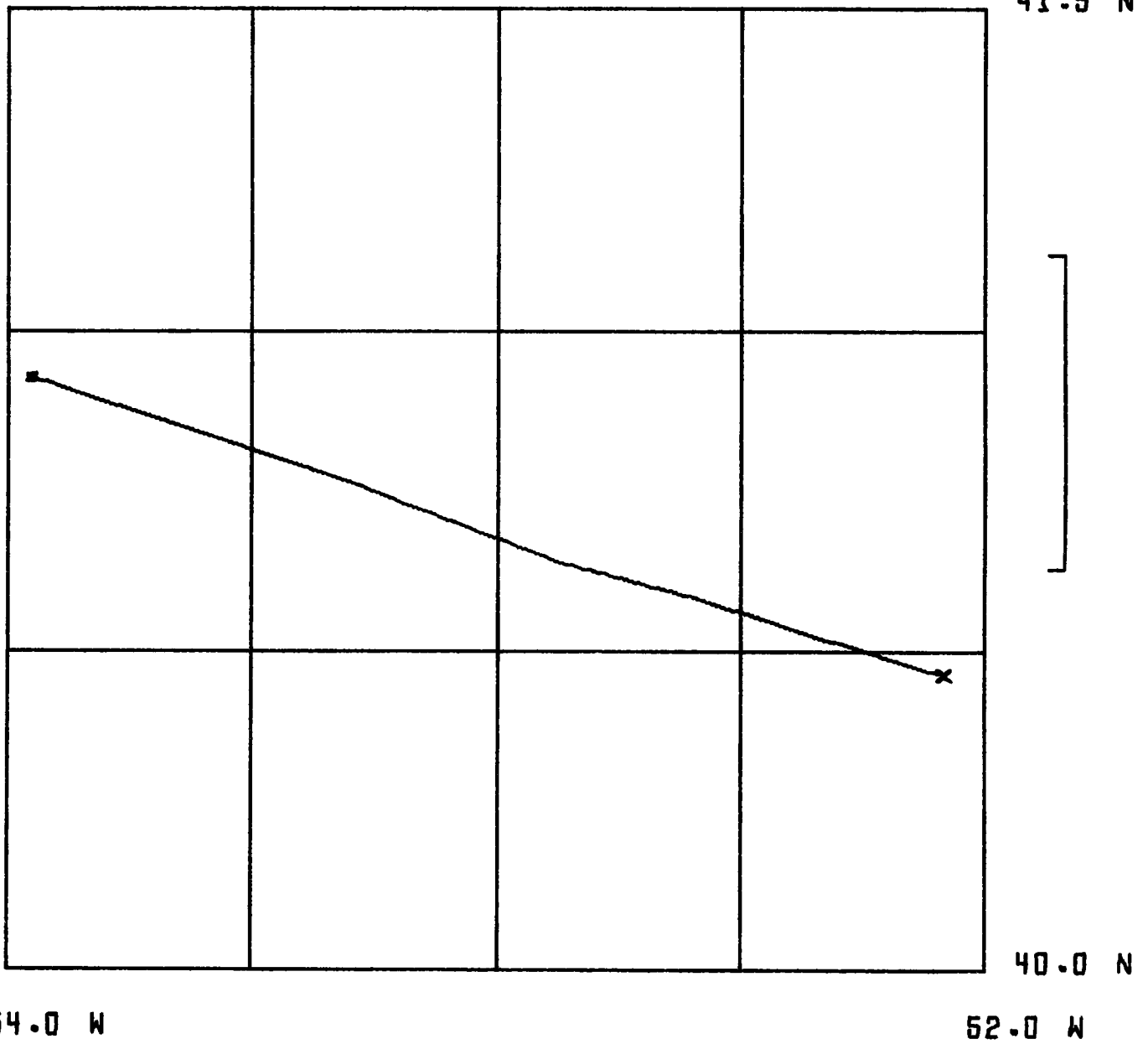
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060.61W

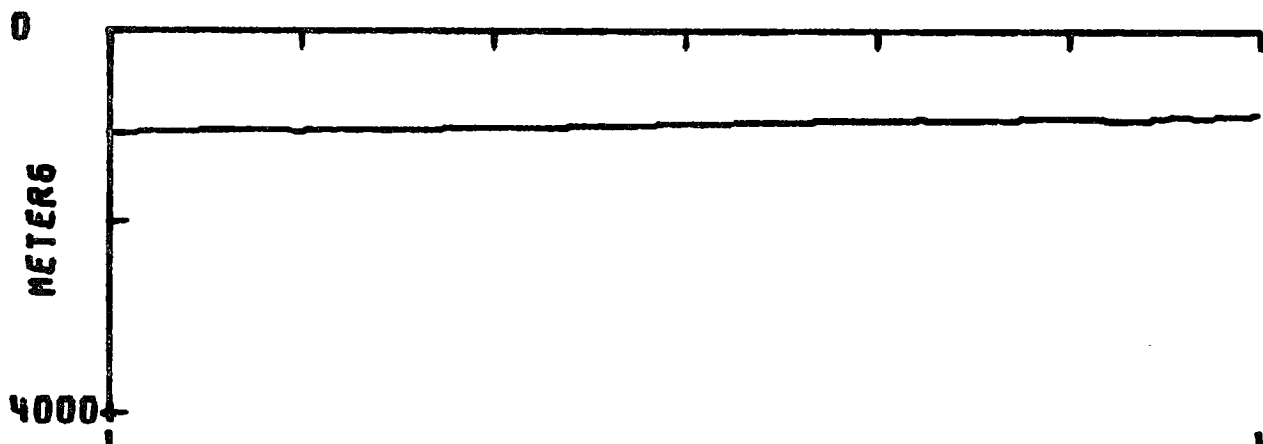
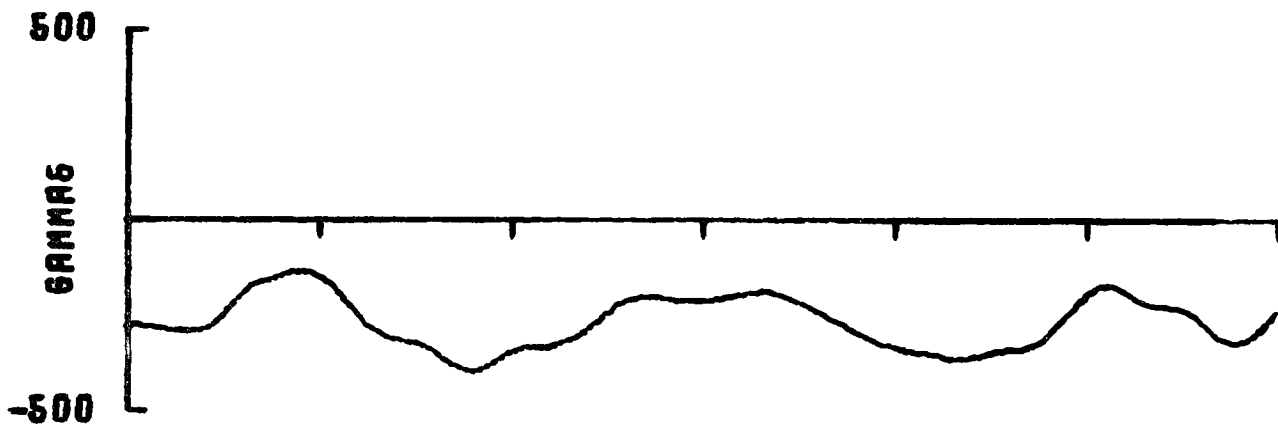
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1/1000000 AT 46 N





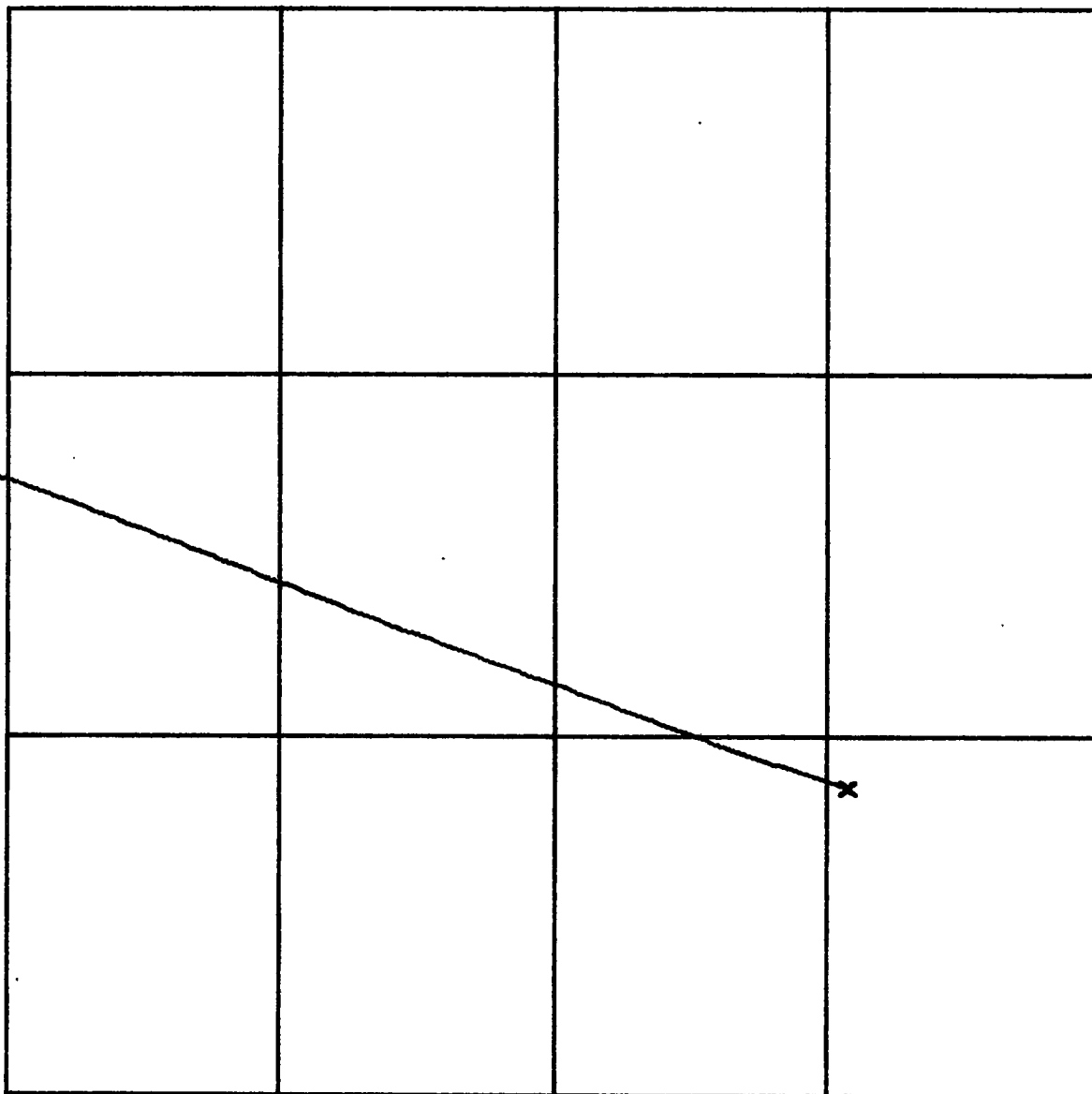
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052.08W

211 1414 040.93N
053.95W

1/1000000 AT 46 N



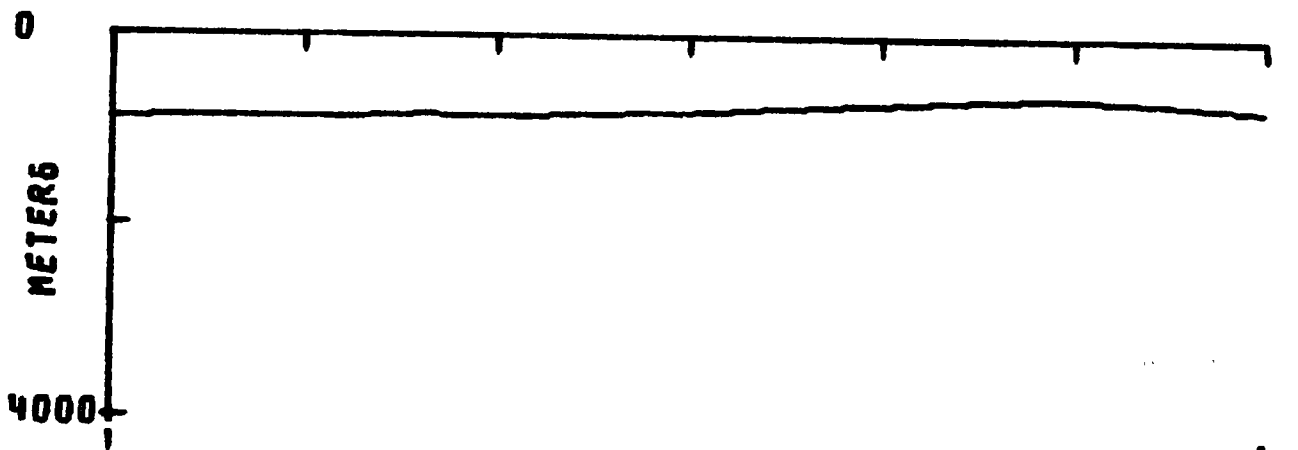
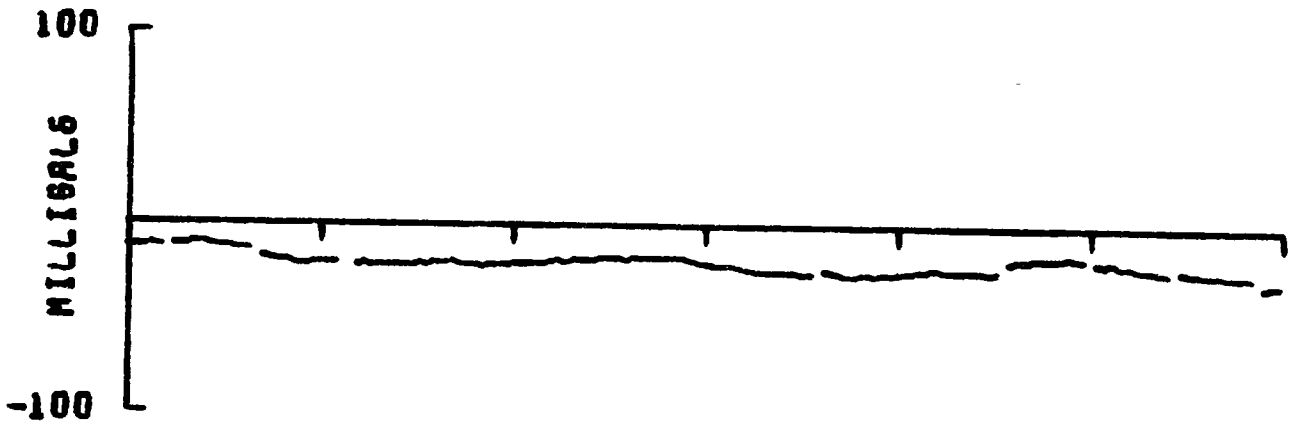
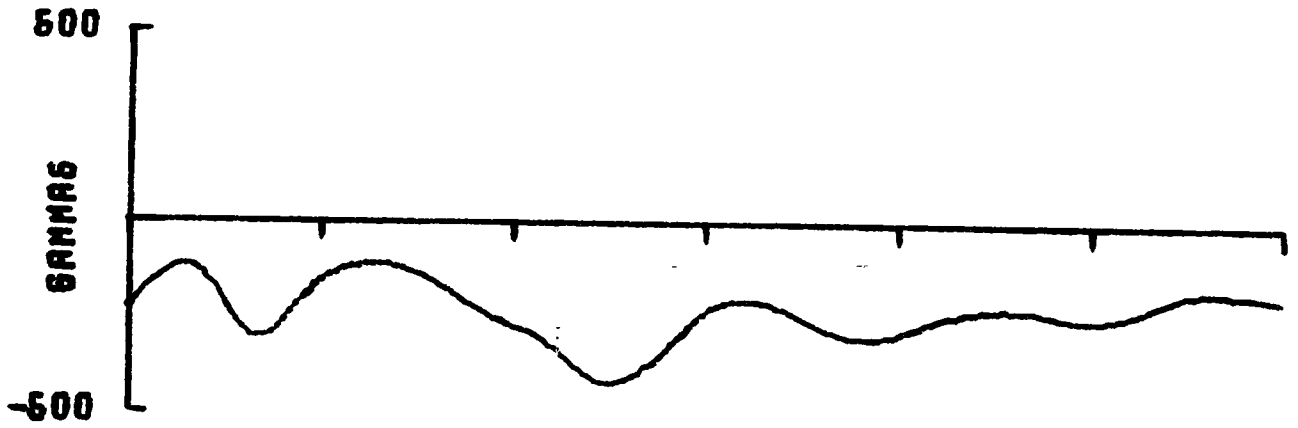
42.0 N



40.5 N

55.5 W

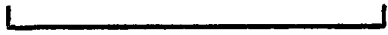
53.5 W



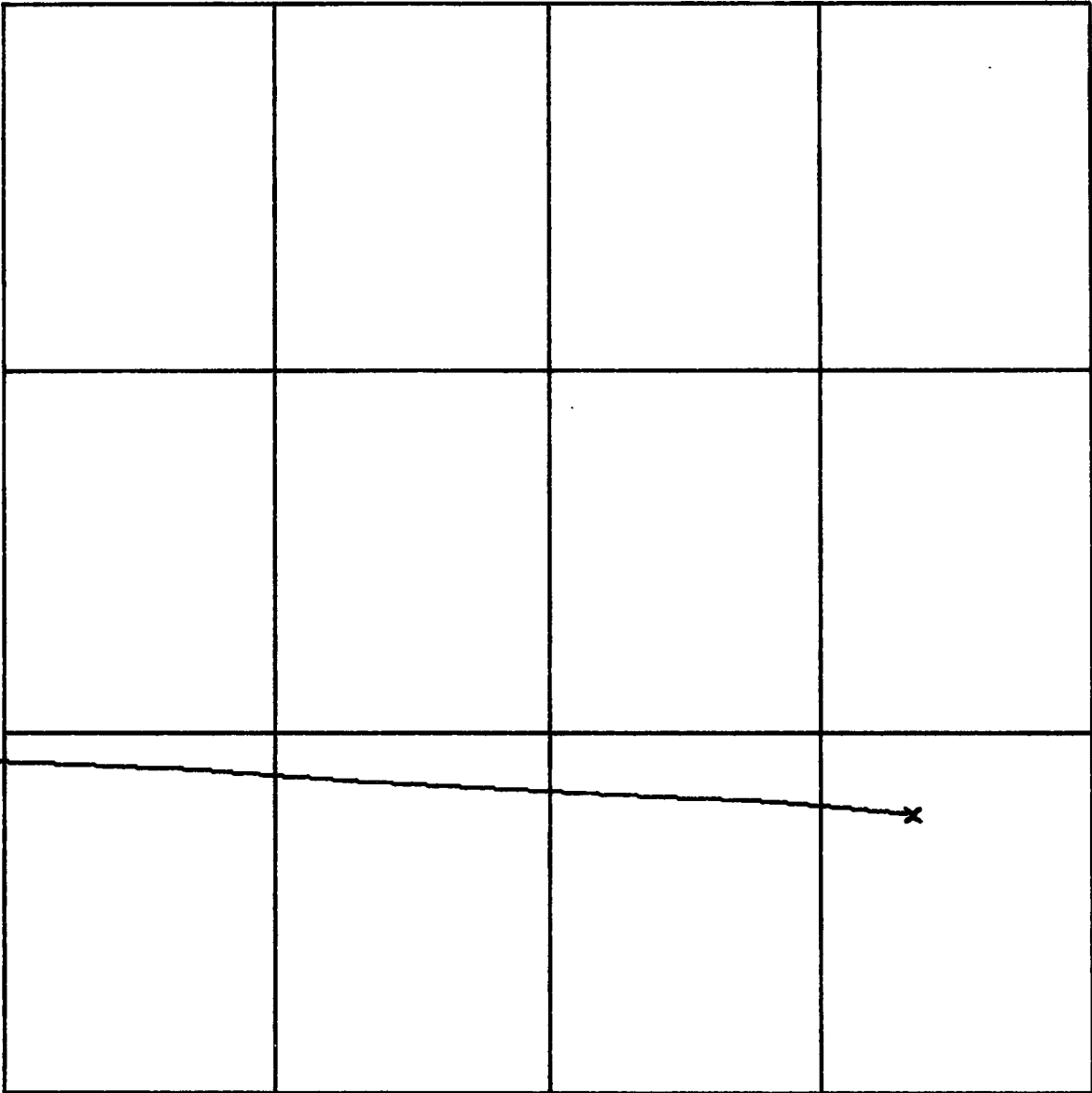
211 1416 040.99N
053.96W

211 2098 041.99N
055.82W

1/1000000 AT 46 N



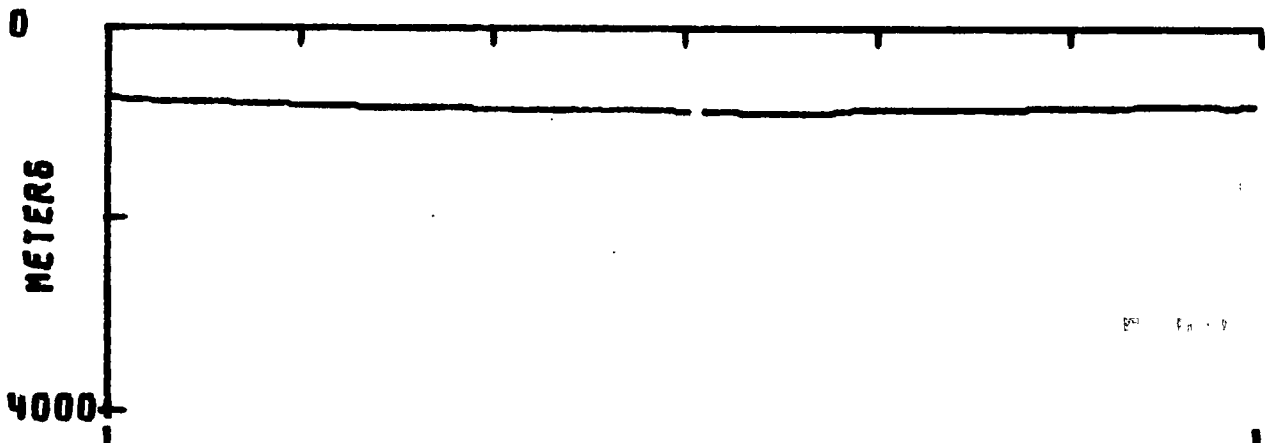
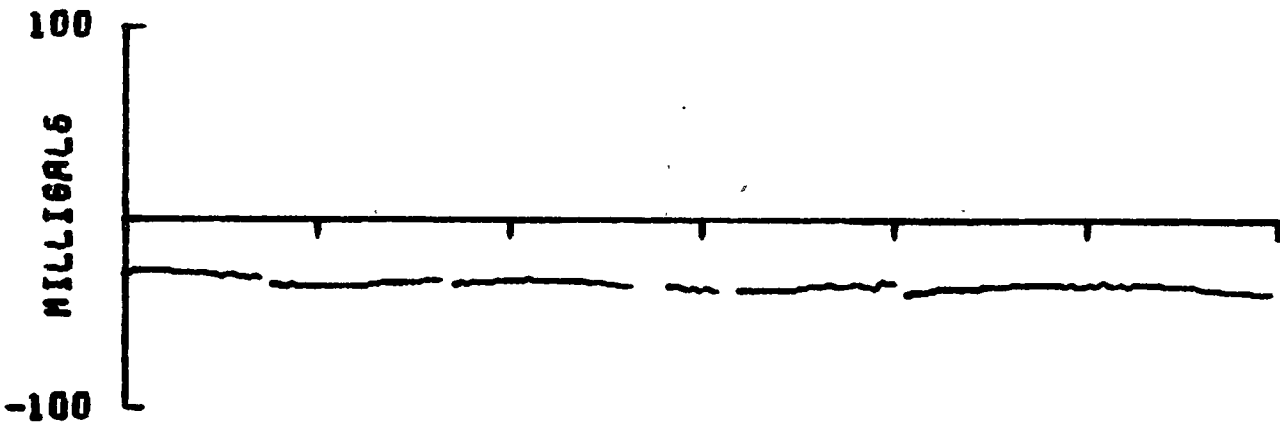
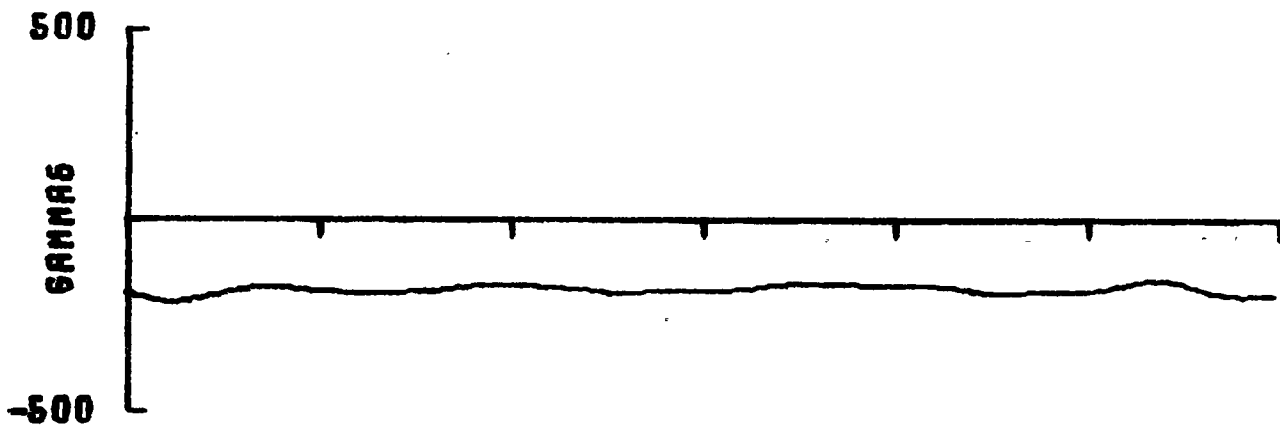
42.5 N



41.0 N

67.5 W

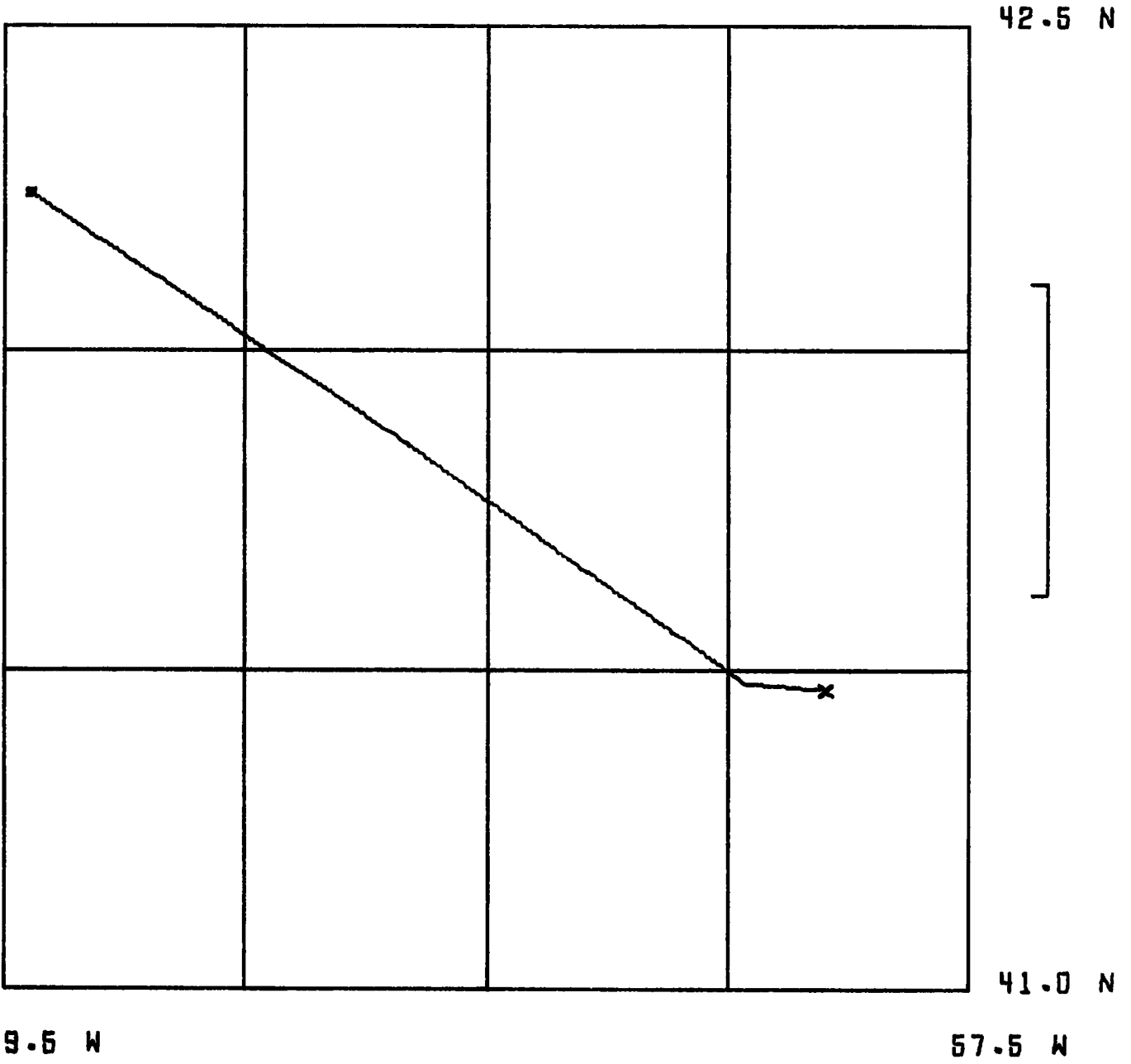
65.5 W

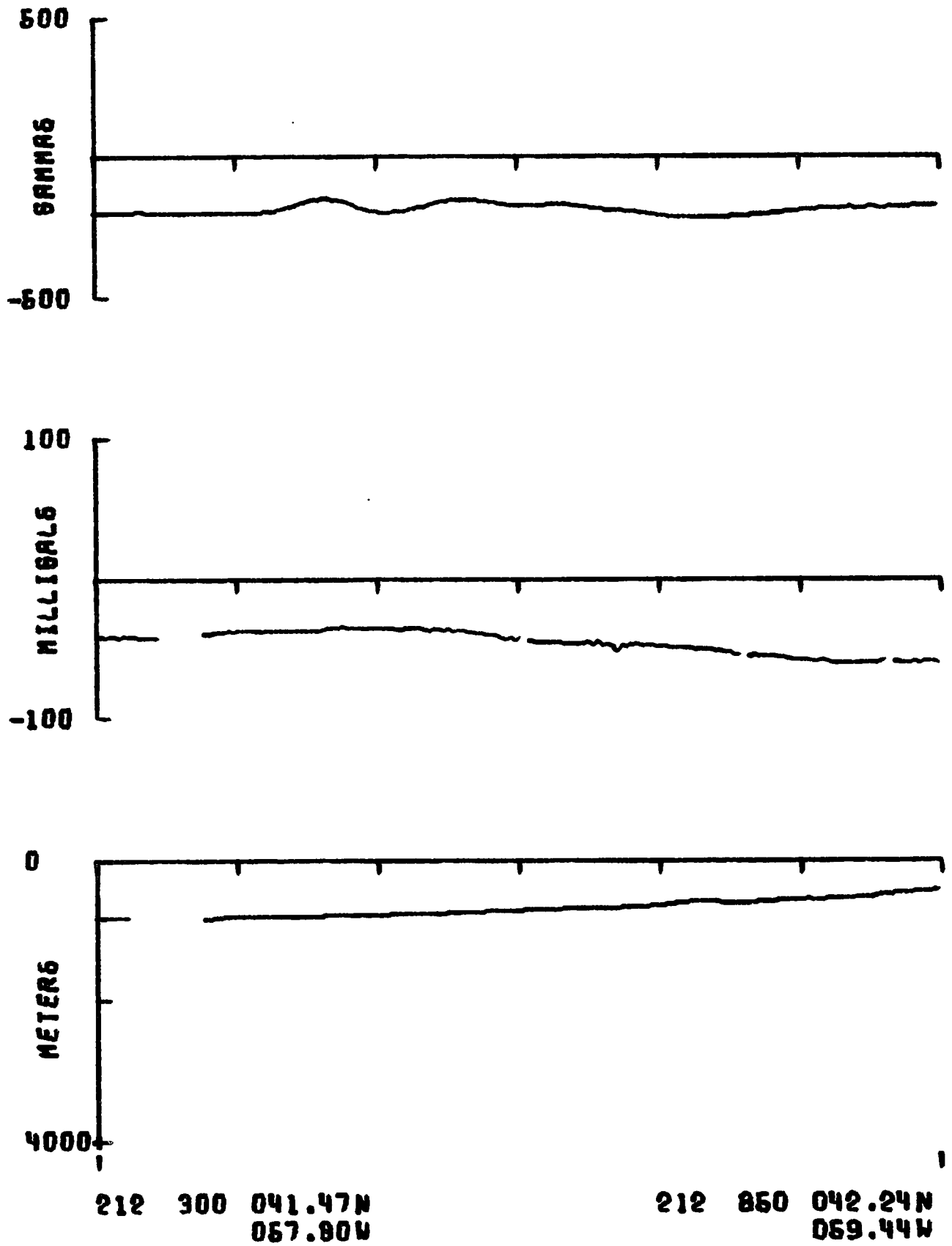


211 2040 041.39N
055.89W

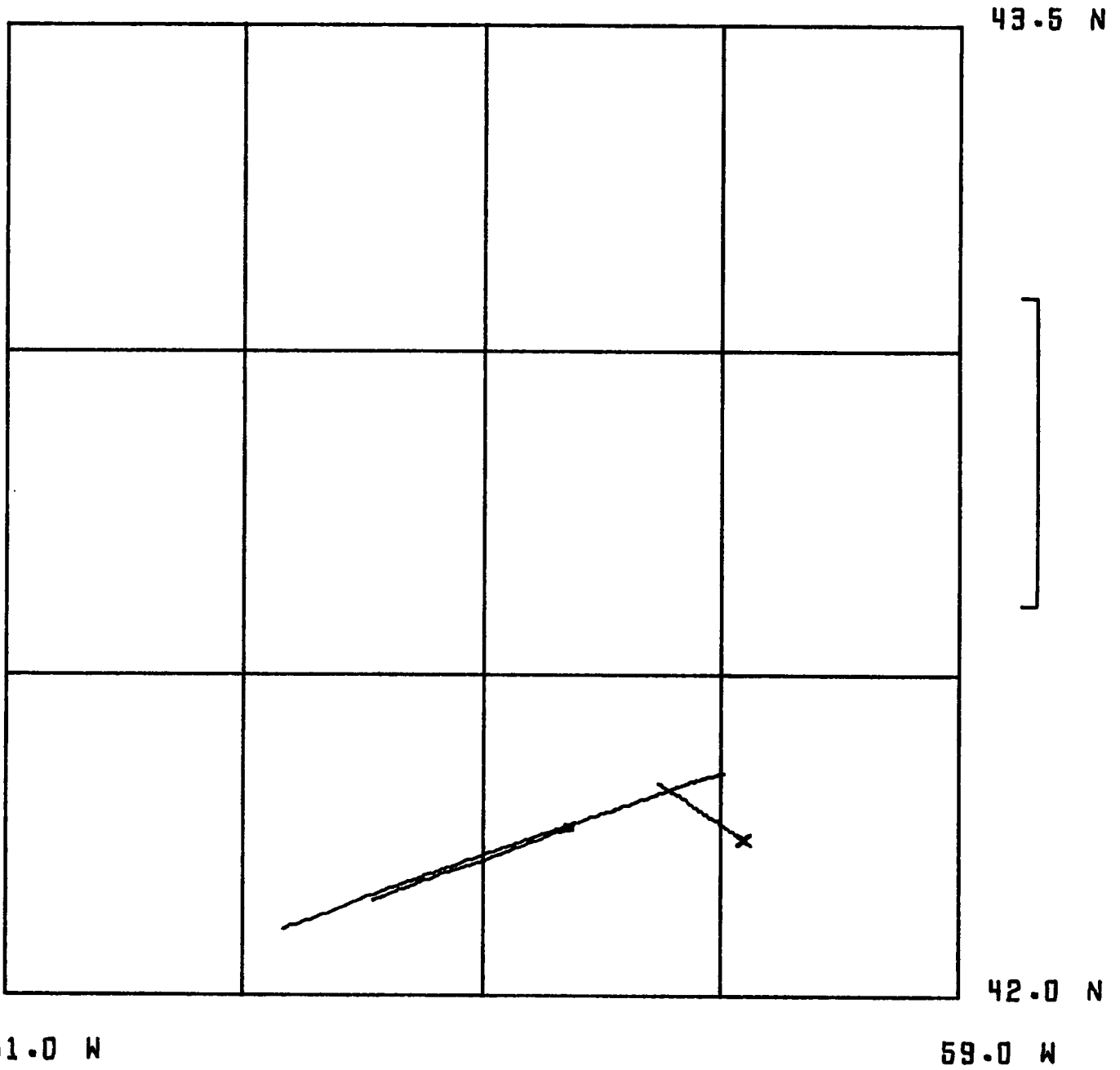
212 258 041.47N
057.79W

1/1000000 AT 46 N





1/1000000 AT 46 N

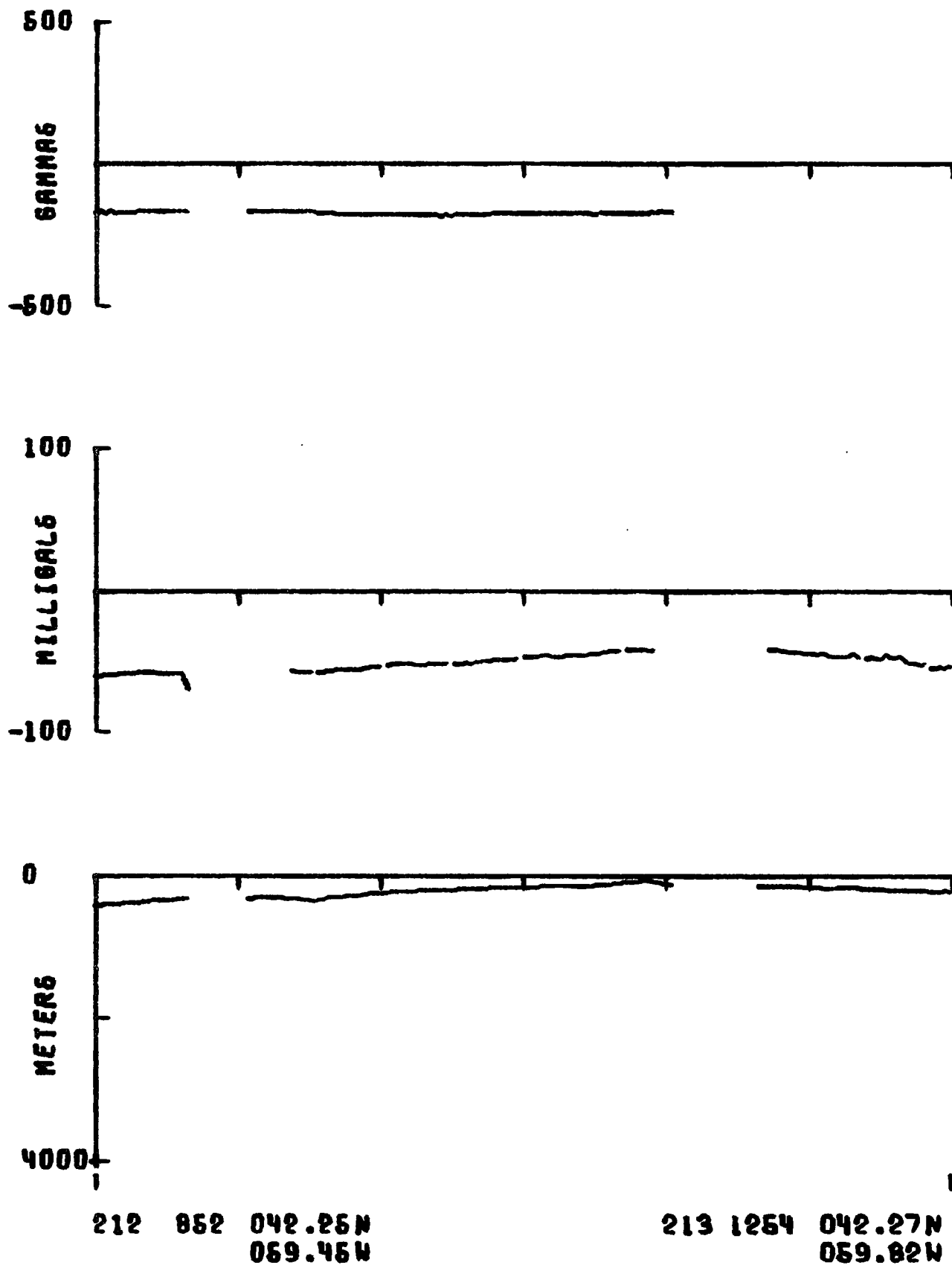


61.0 N

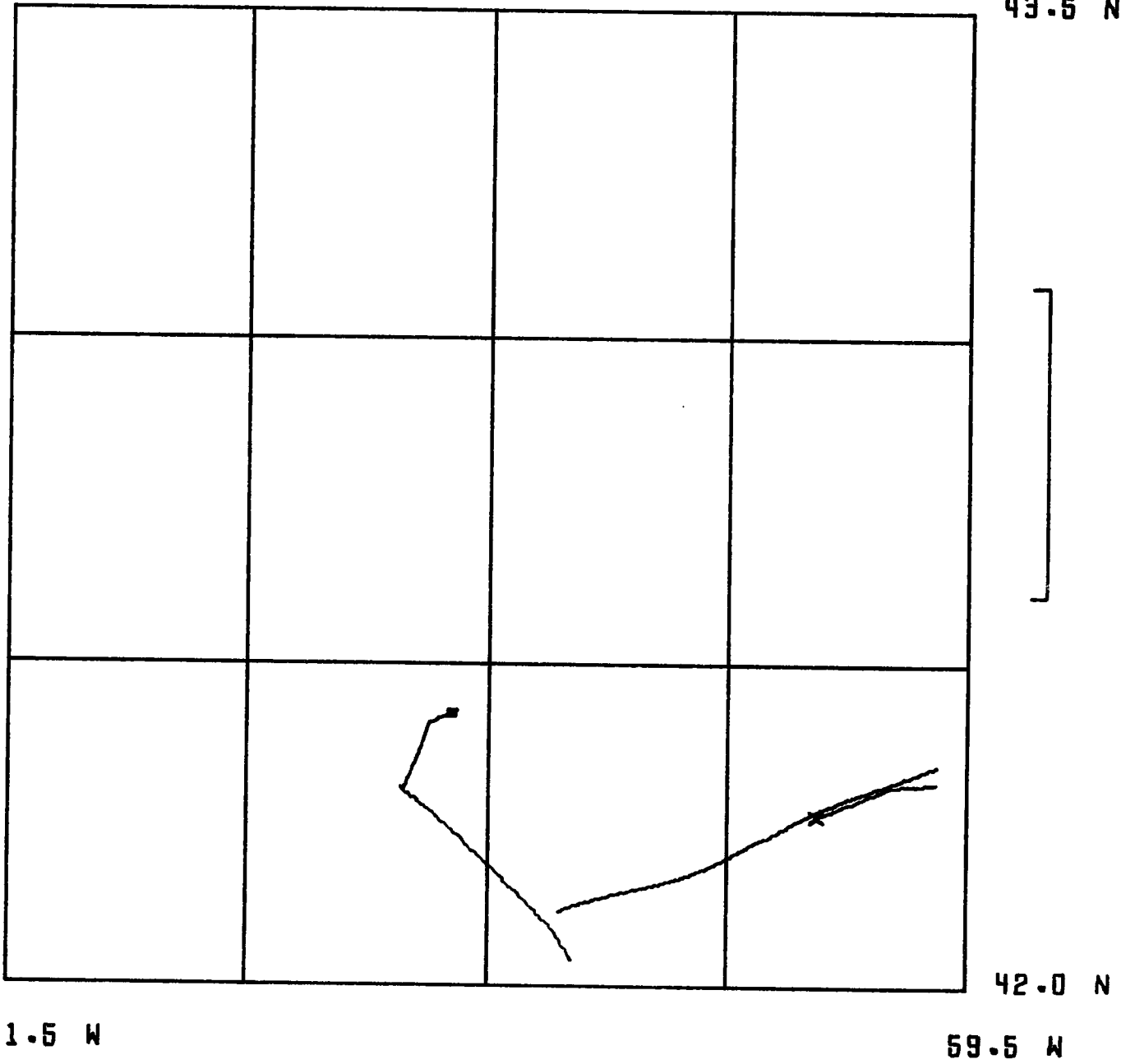
59.0 N

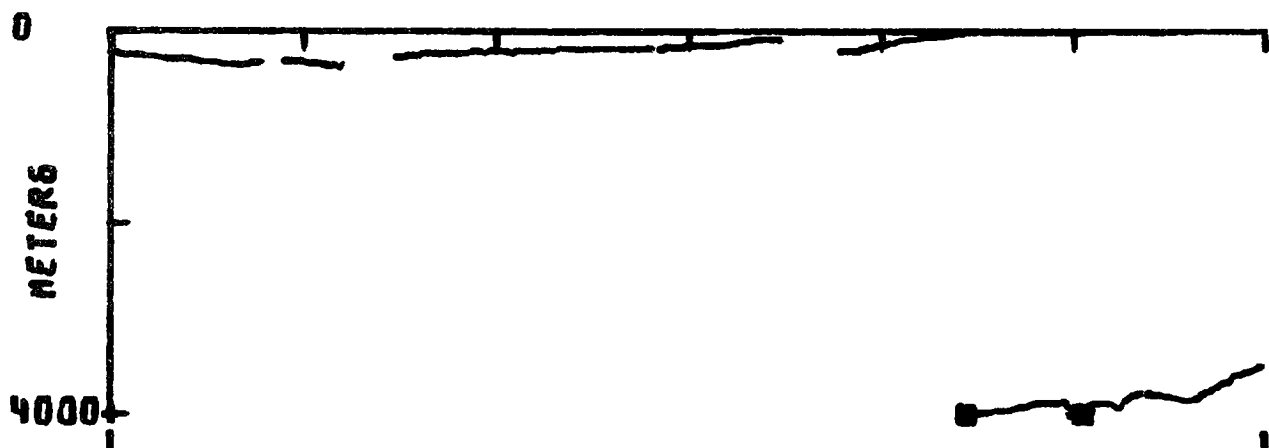
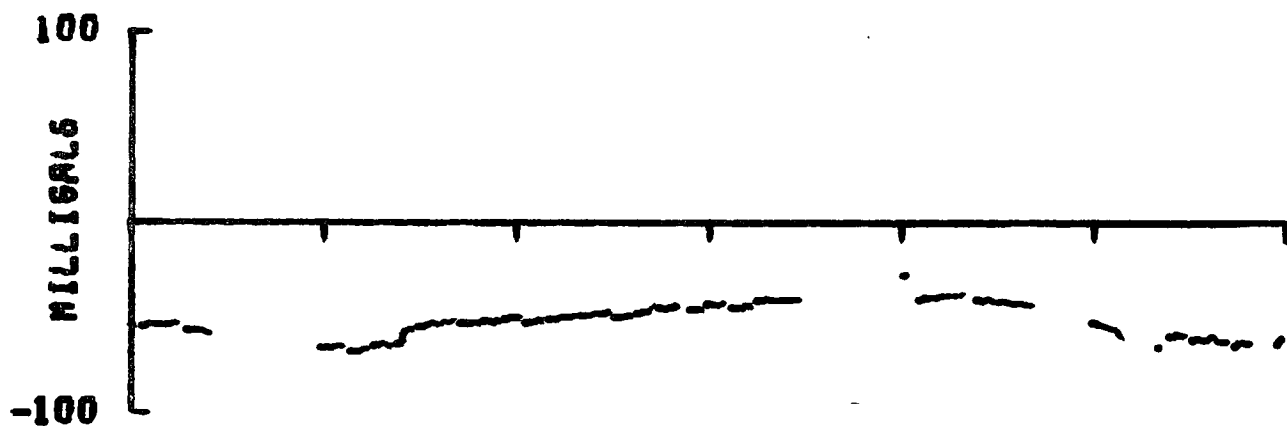
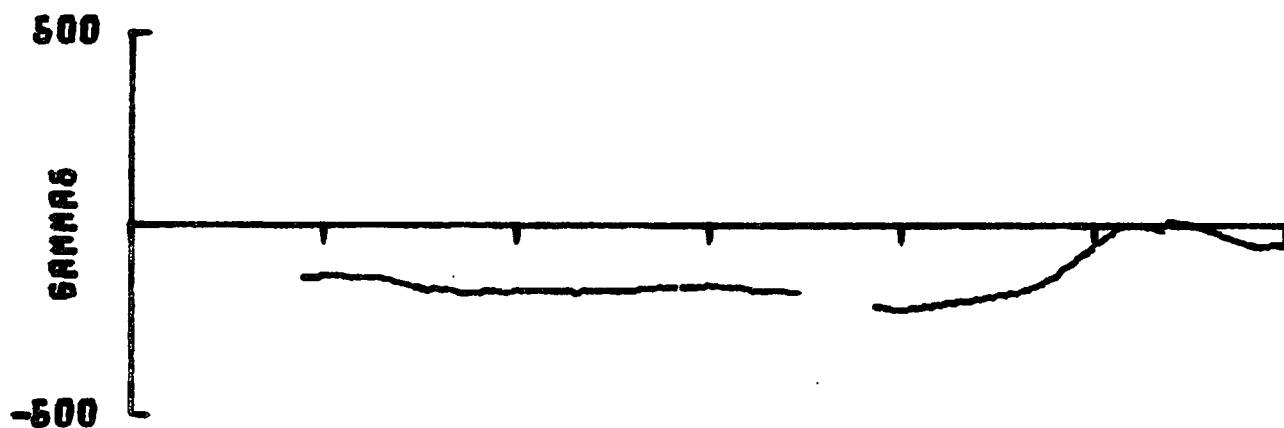
42.0 N

43.5 N



1/1000000 AT 46 N

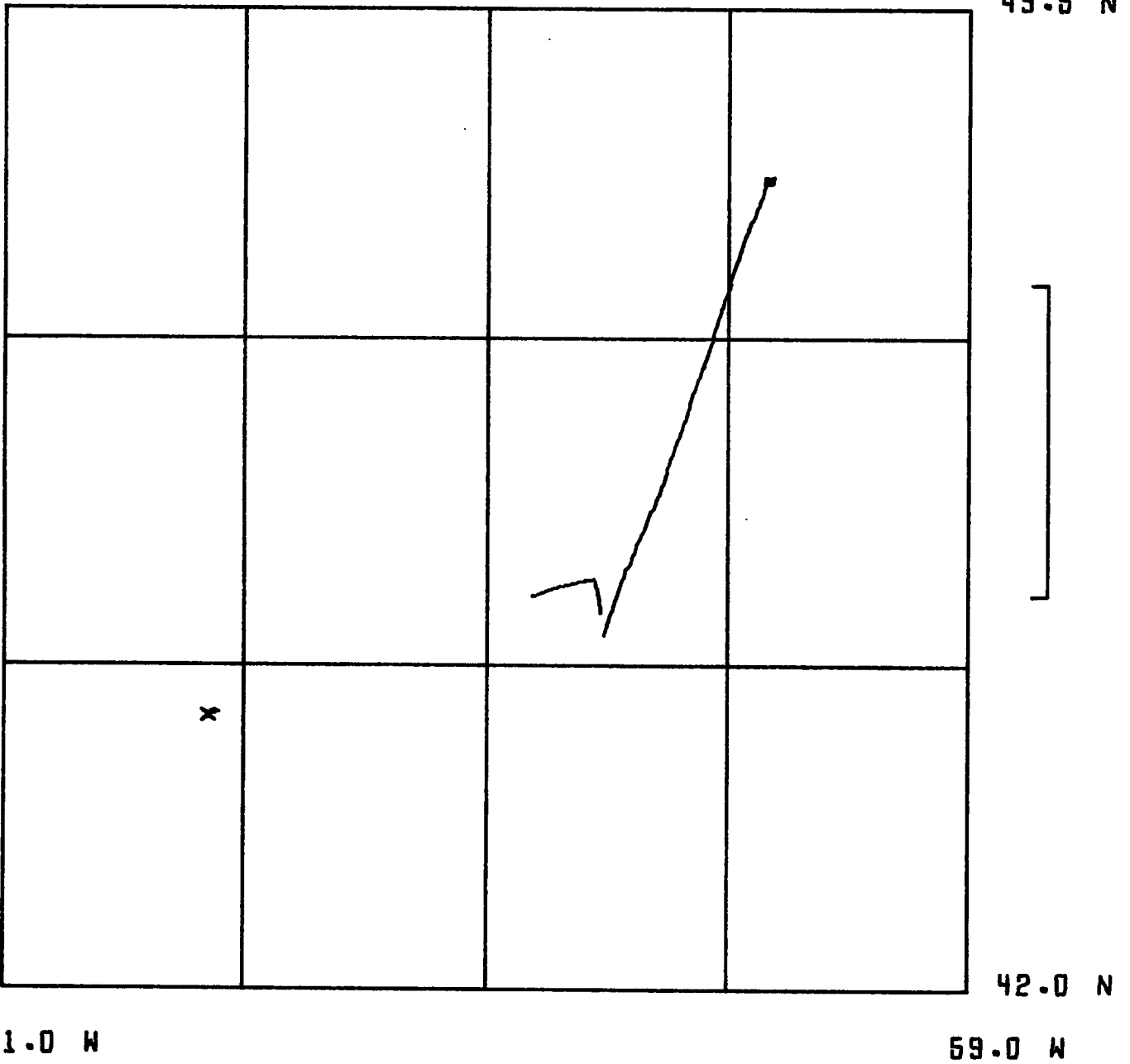


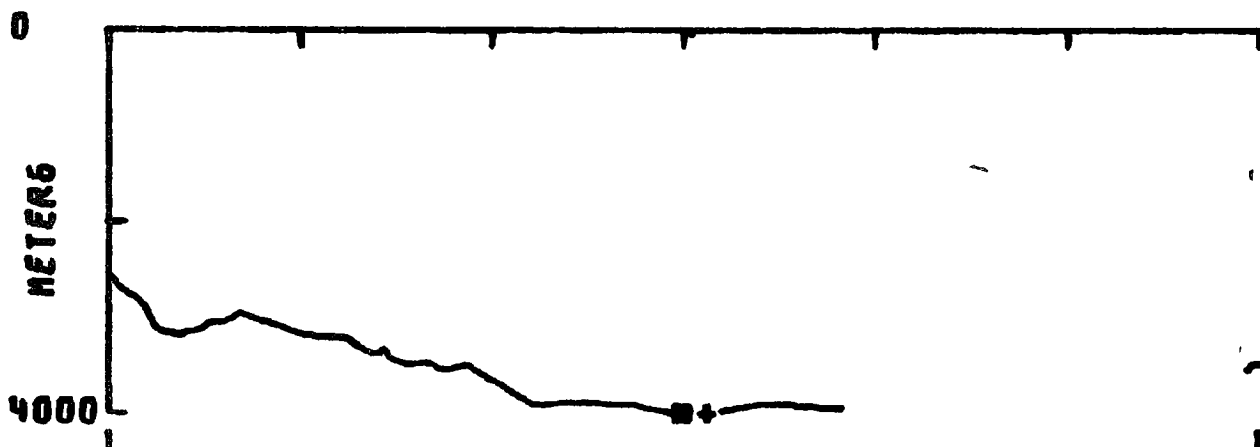
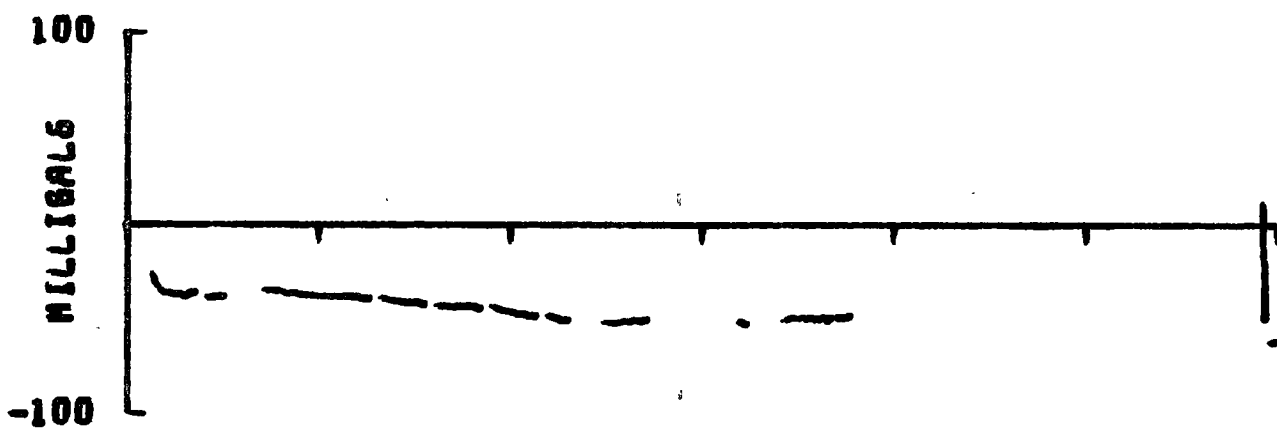
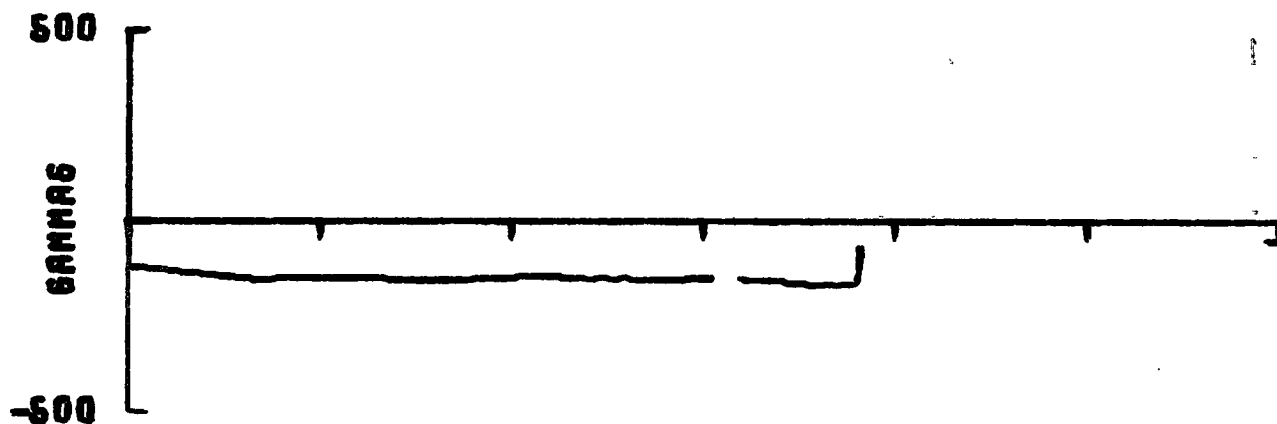


213 1256 042.27N
059.81W

214 1010 042.42N
060.57W

1/1000000 AT 46 N

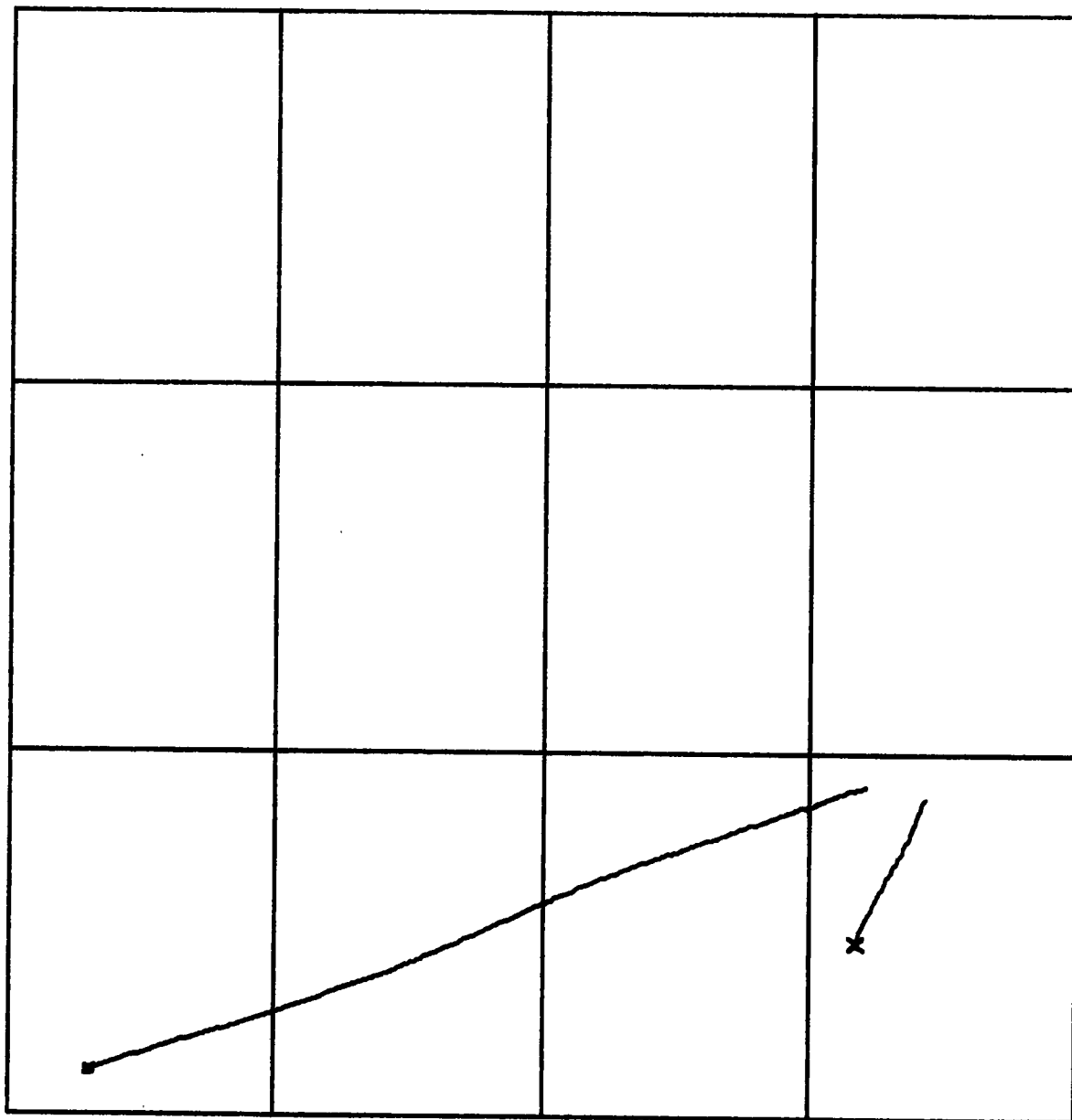




214 2150 049.24N
059.41W

214 1012 042.42N
060.67W

1/1000000 AT 46 N



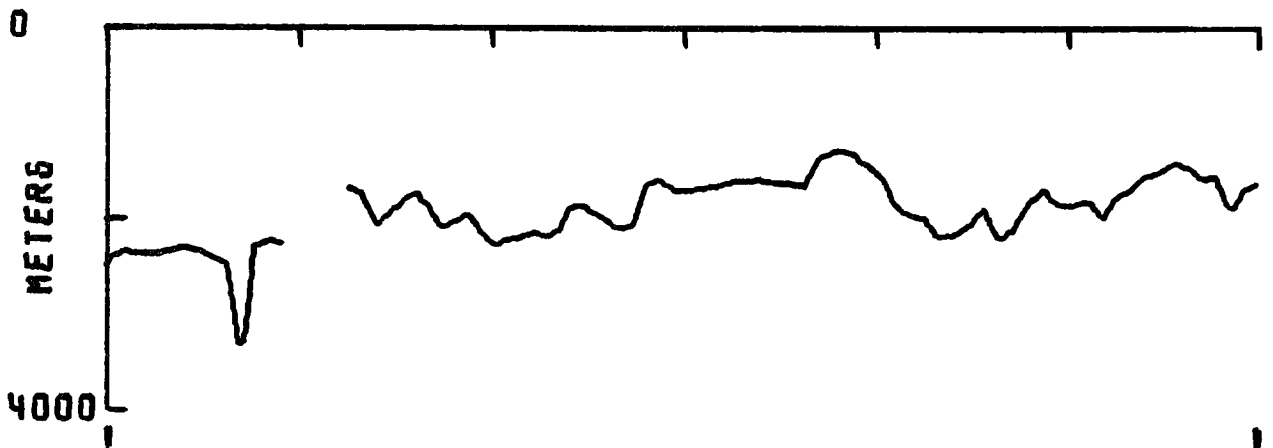
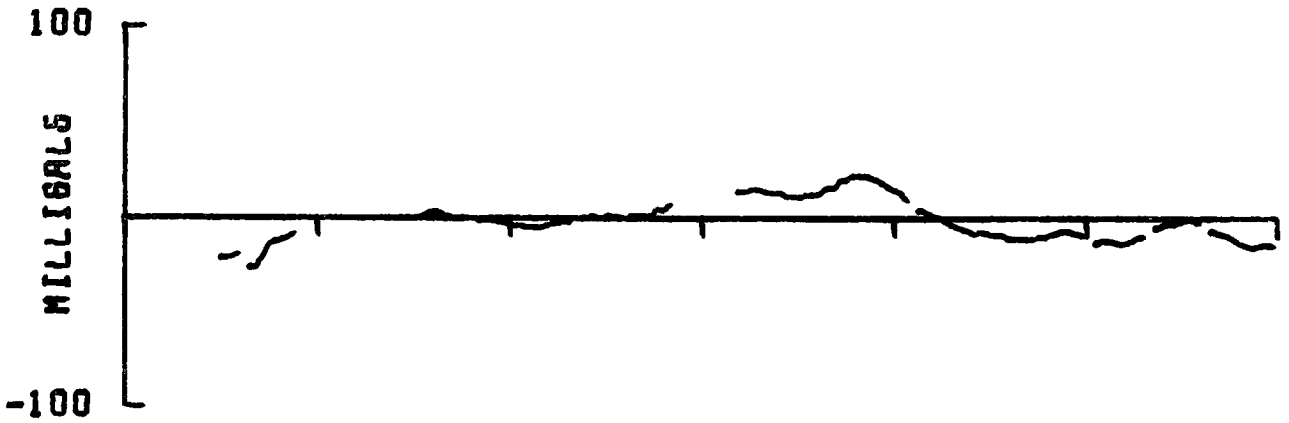
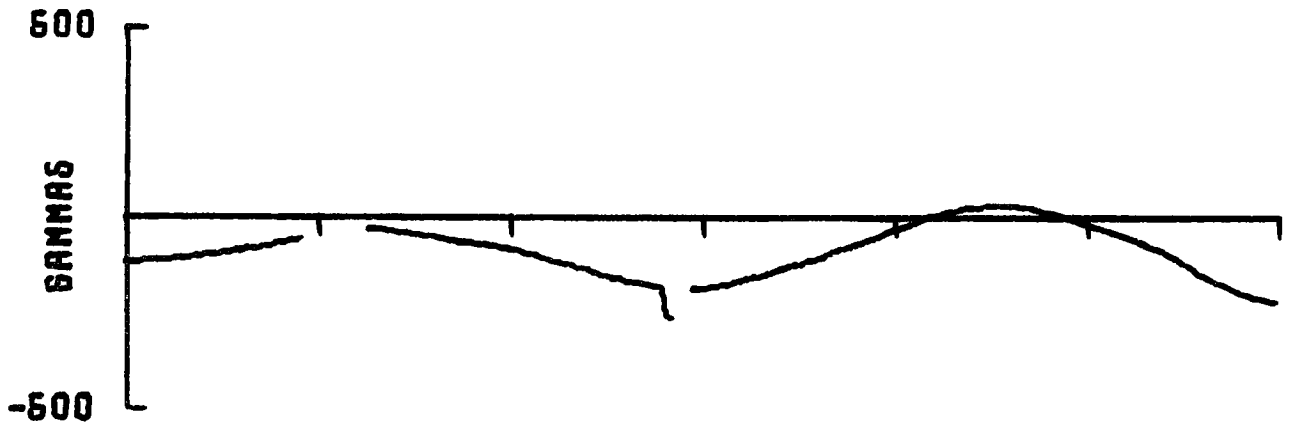
44.5 N



43.0 N

61.0 W

59.0 W



214 2162 043.24N
069.41W

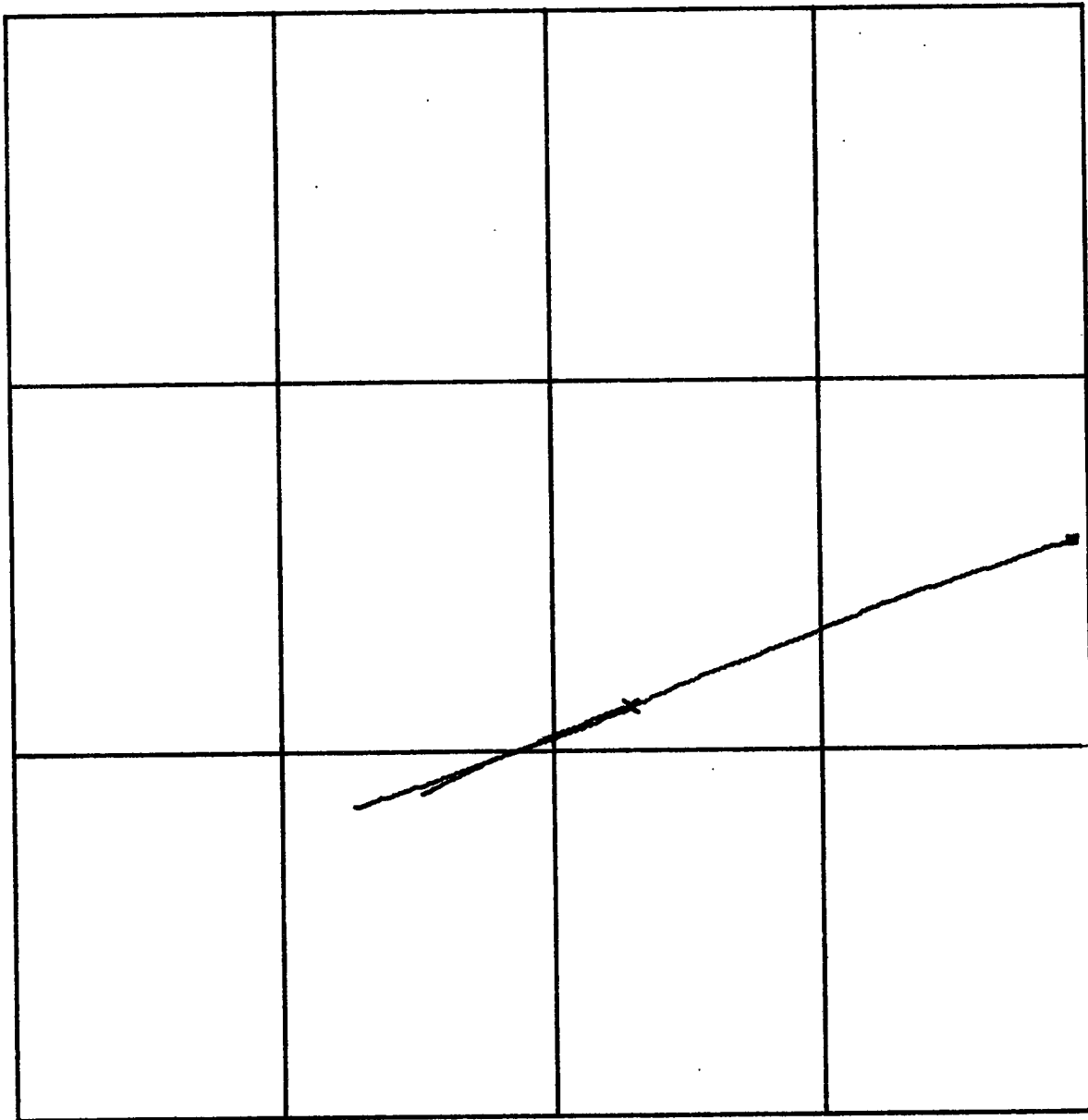
215 924 043.06N
060.85W

C-120

1/1000000 AT 46 N



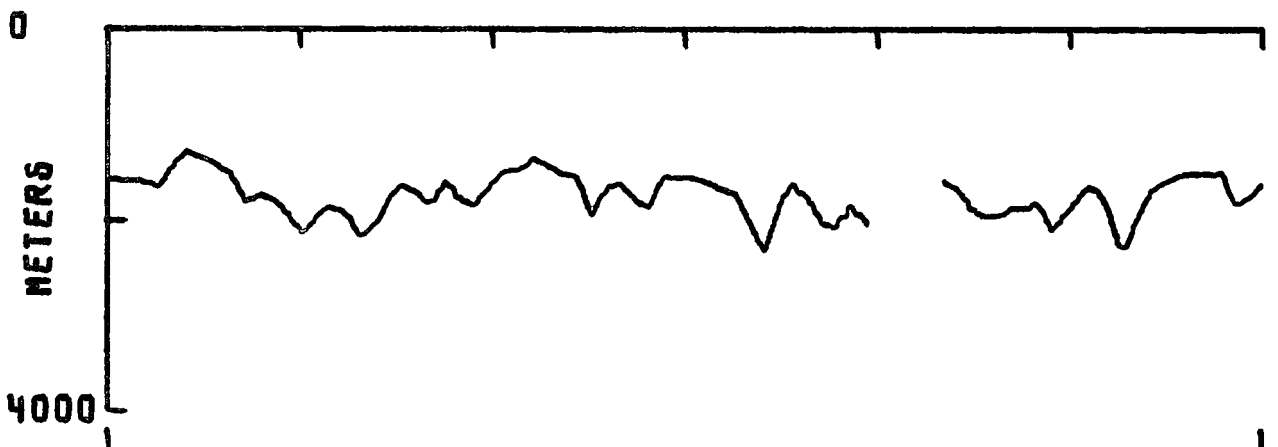
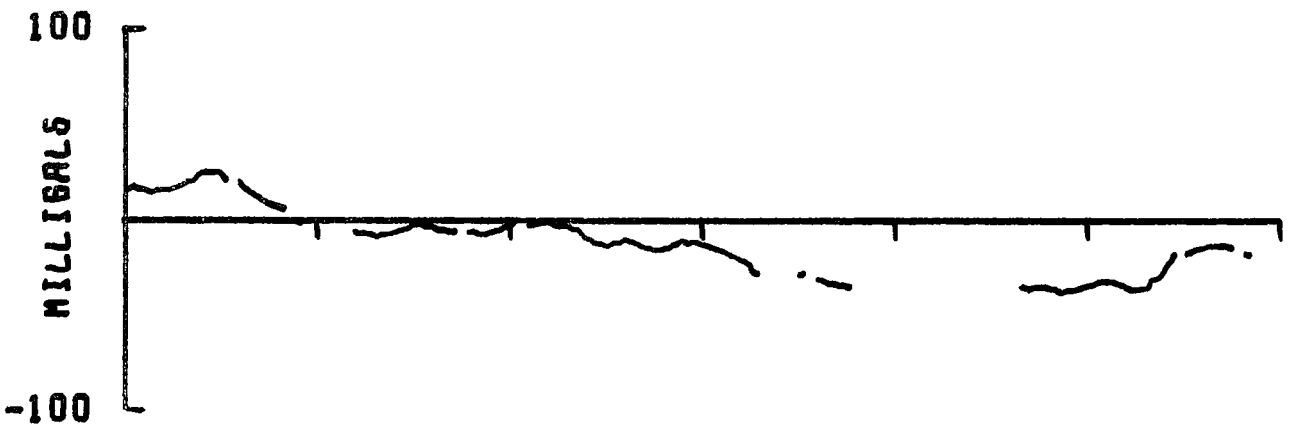
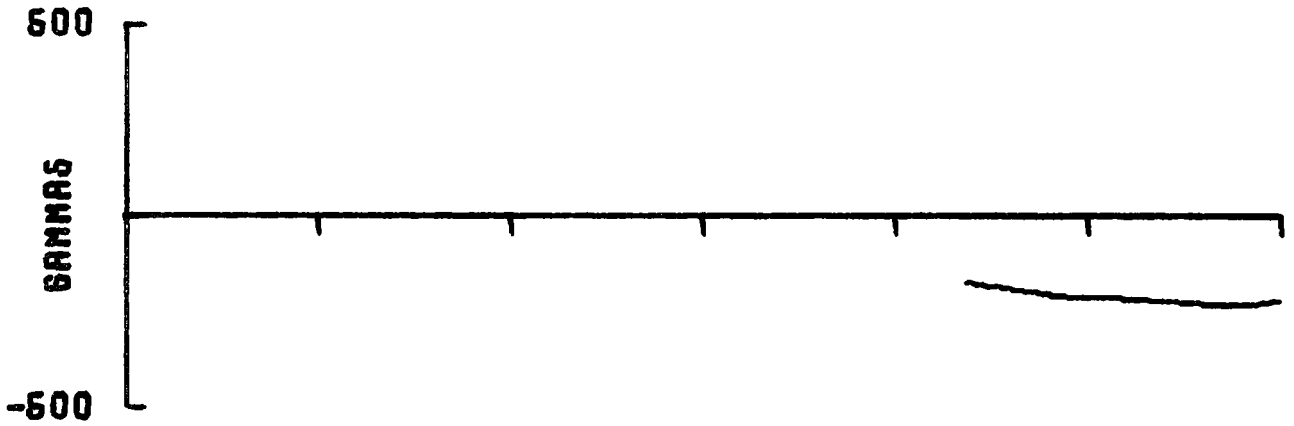
44.0 N



42.5 N

62.0 W

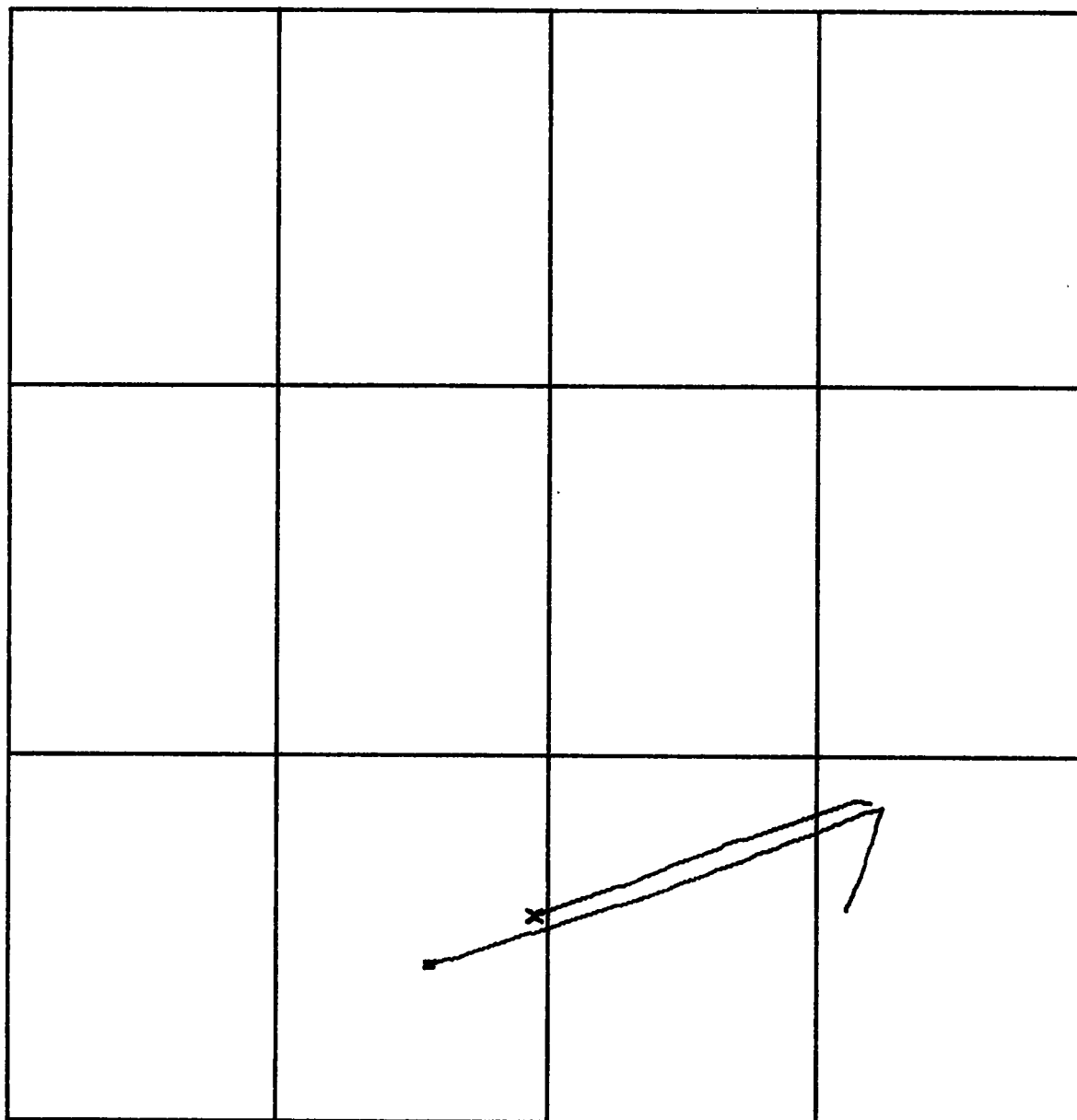
60.0 W



215 2218 043.28N
060.03W

215 926 043.06N
060.86W

1/1000000 AT 46 N



44.5 N

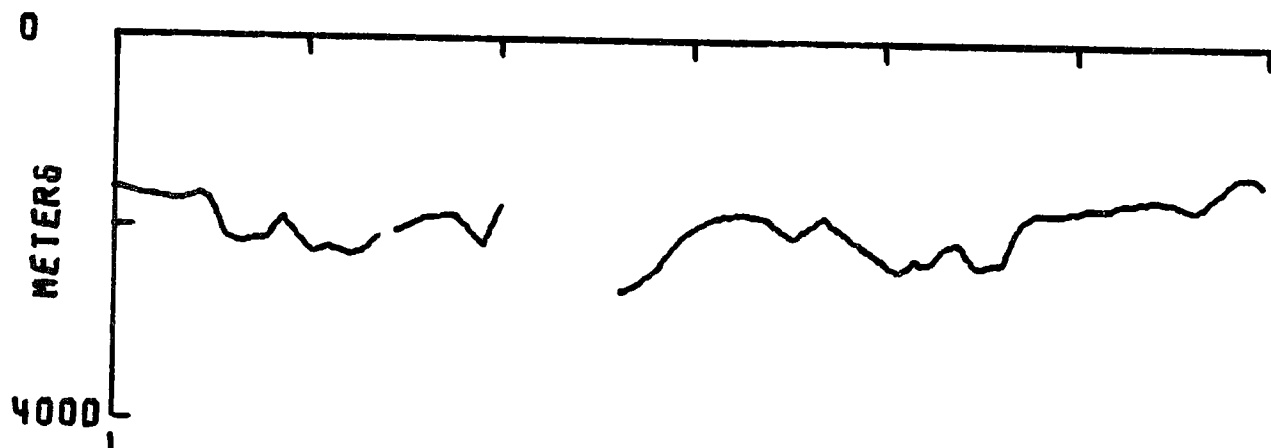
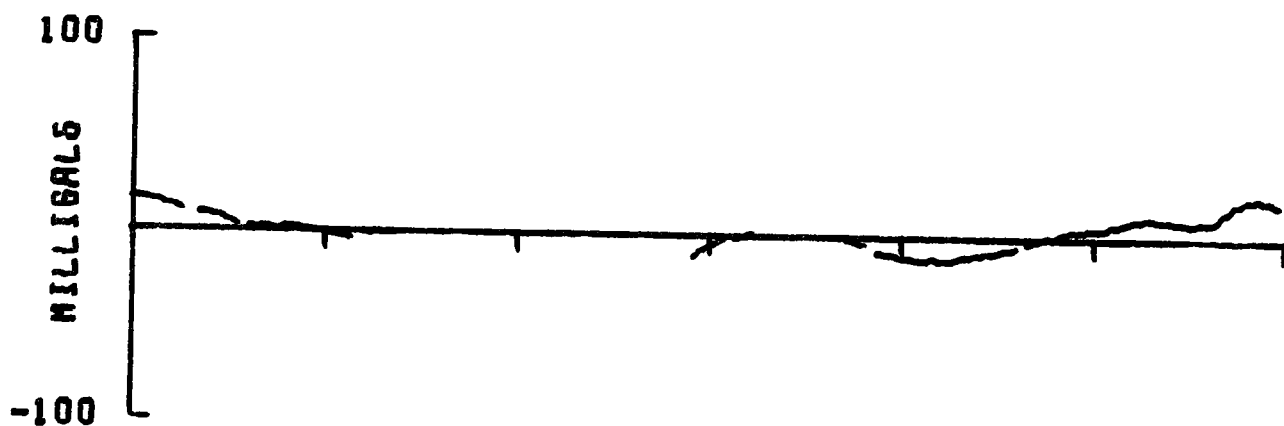


43.0 N

61.0 W

59.0 W

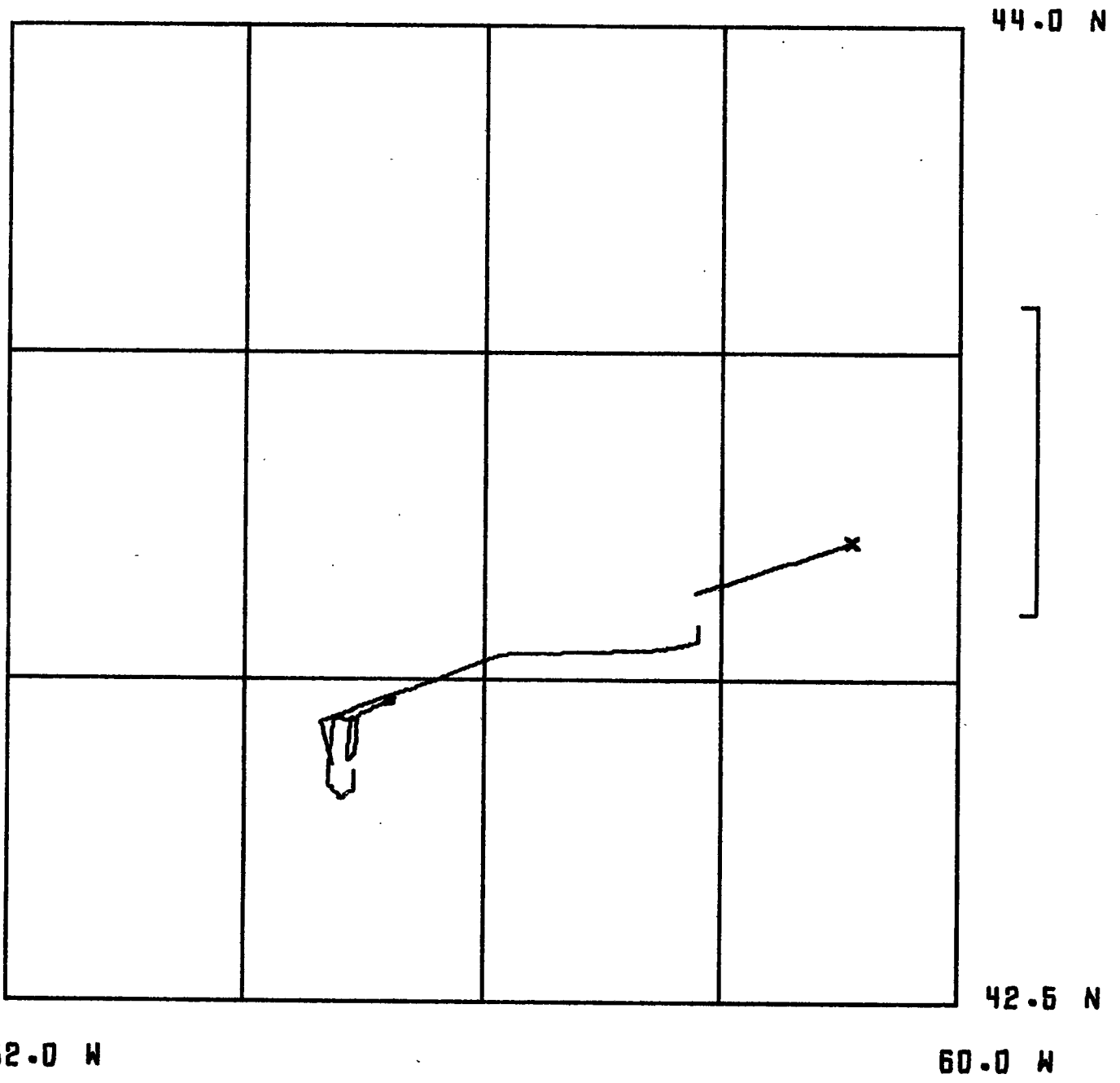
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216 2220 043.28N
060.02W

216 548 043.21N
060.21W

1/1000000 AT 46 N

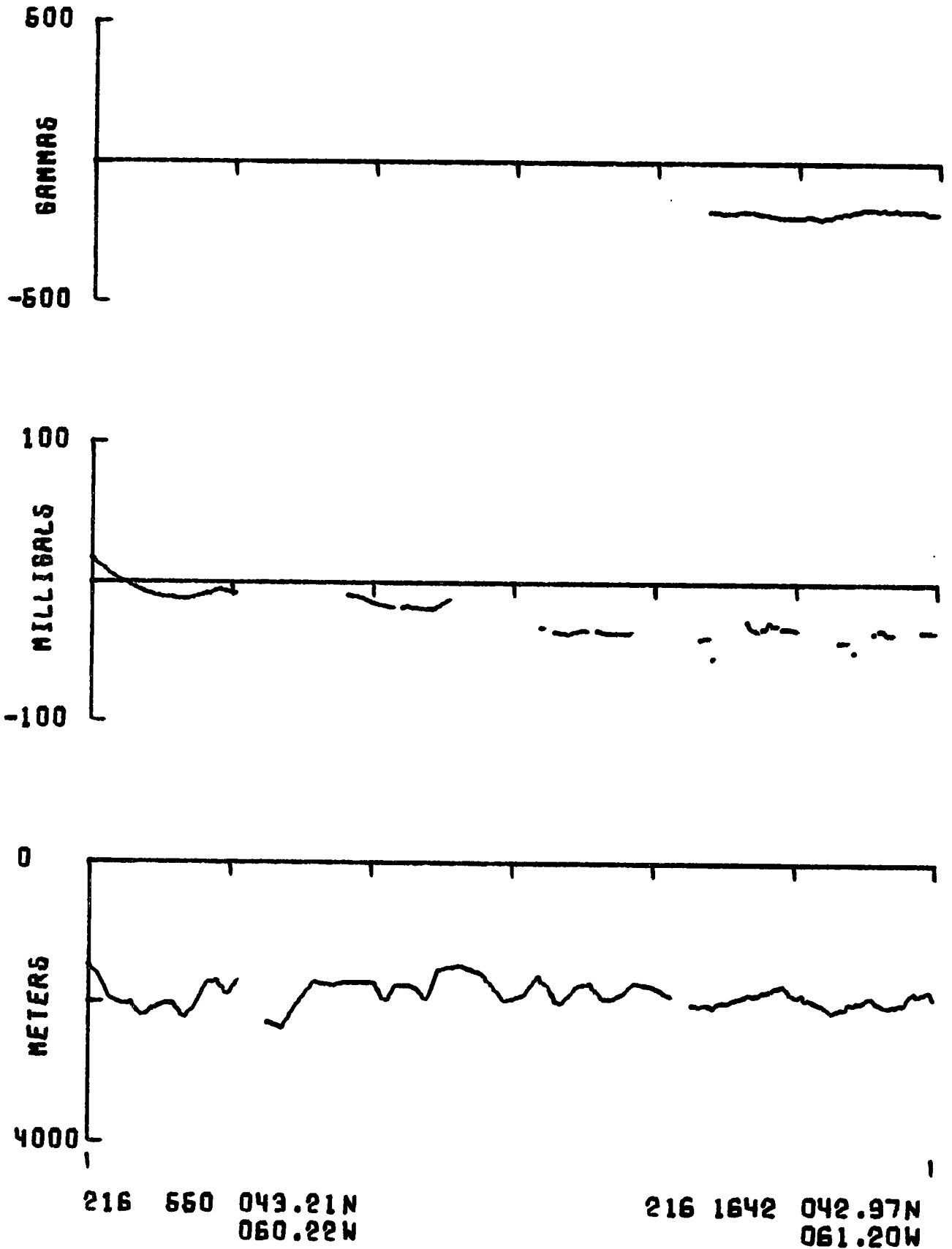


44.0 N

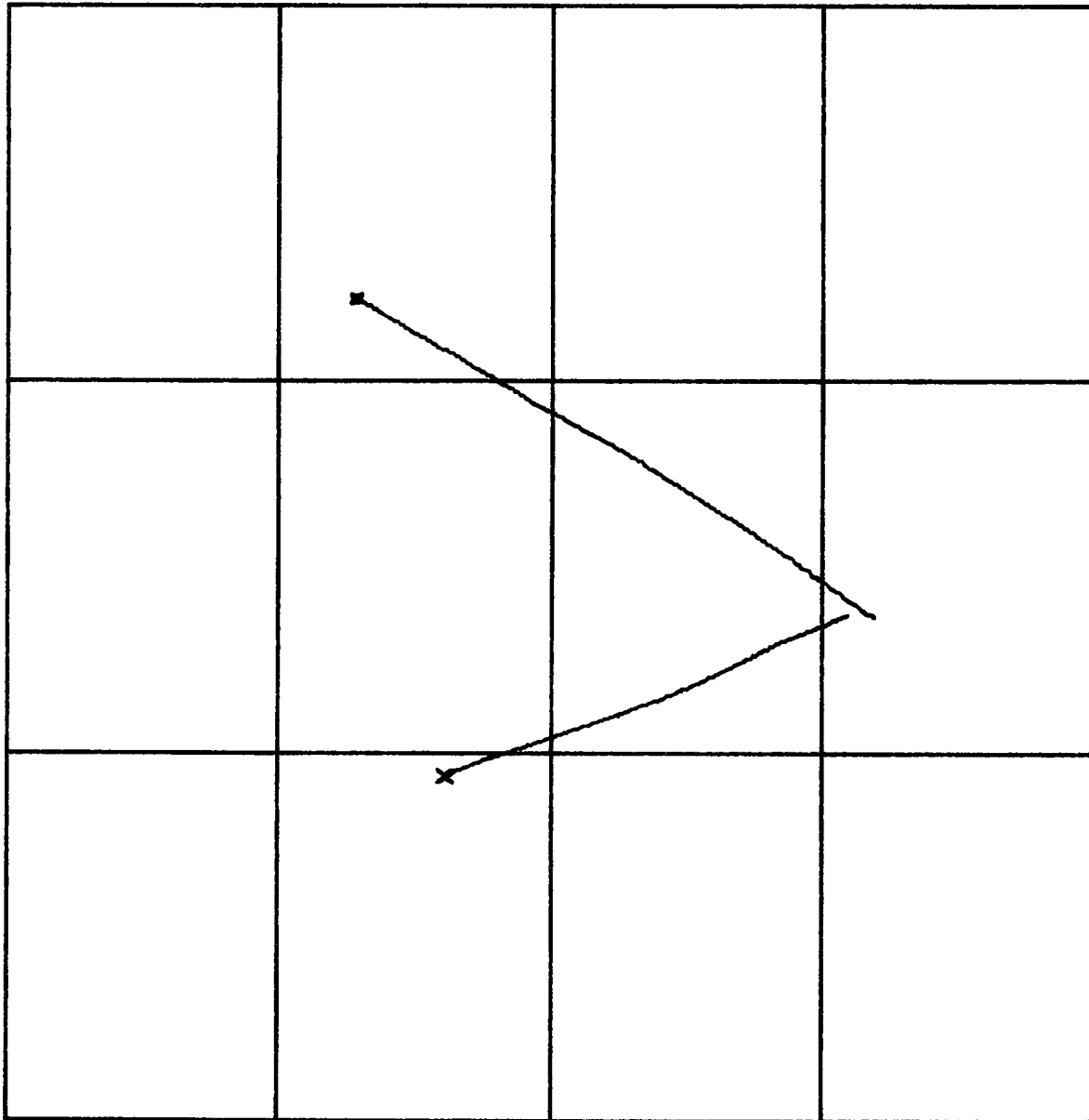
42.5 N

62.0 W

60.0 W



1/1000000 AT 46 N



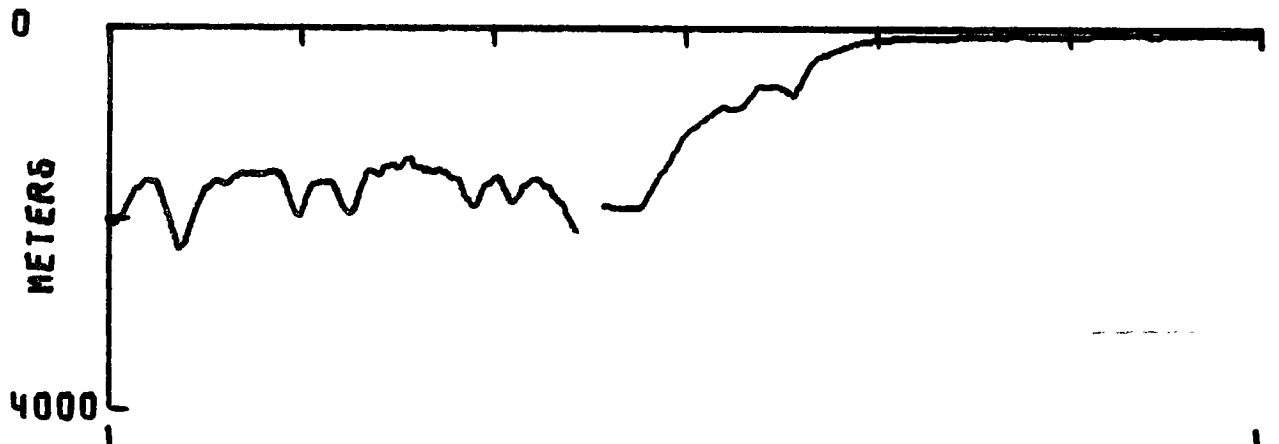
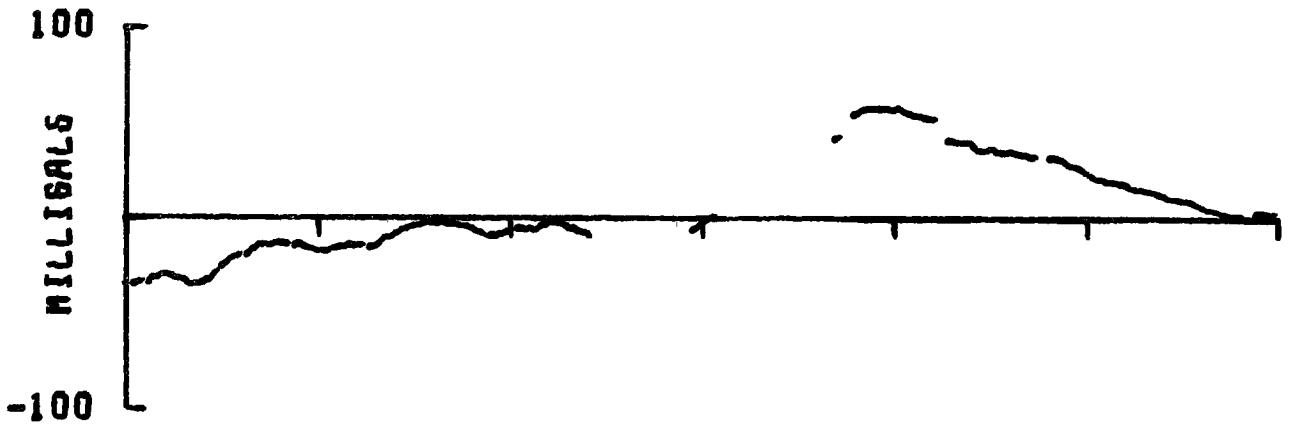
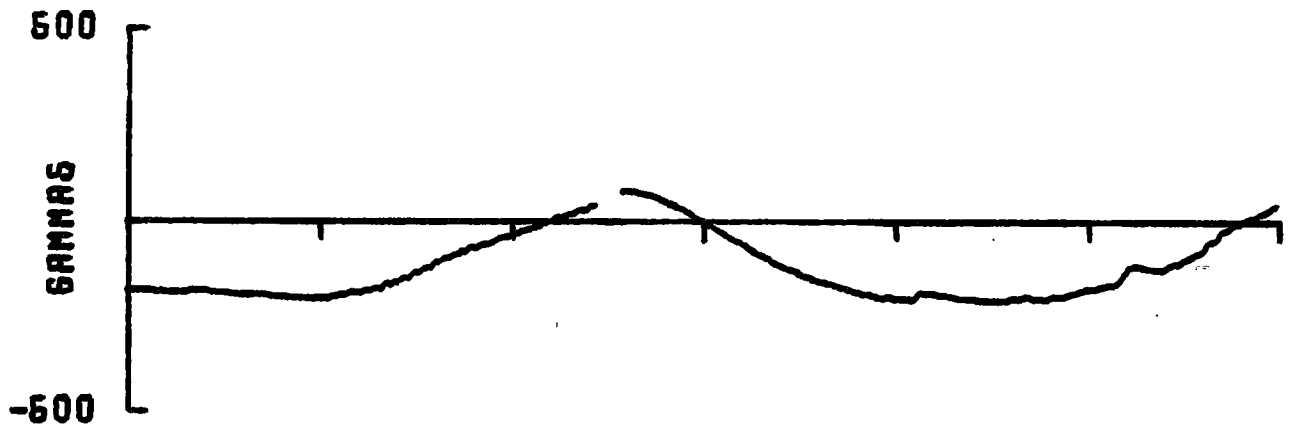
44.0 N



42.5 N

62.0 W

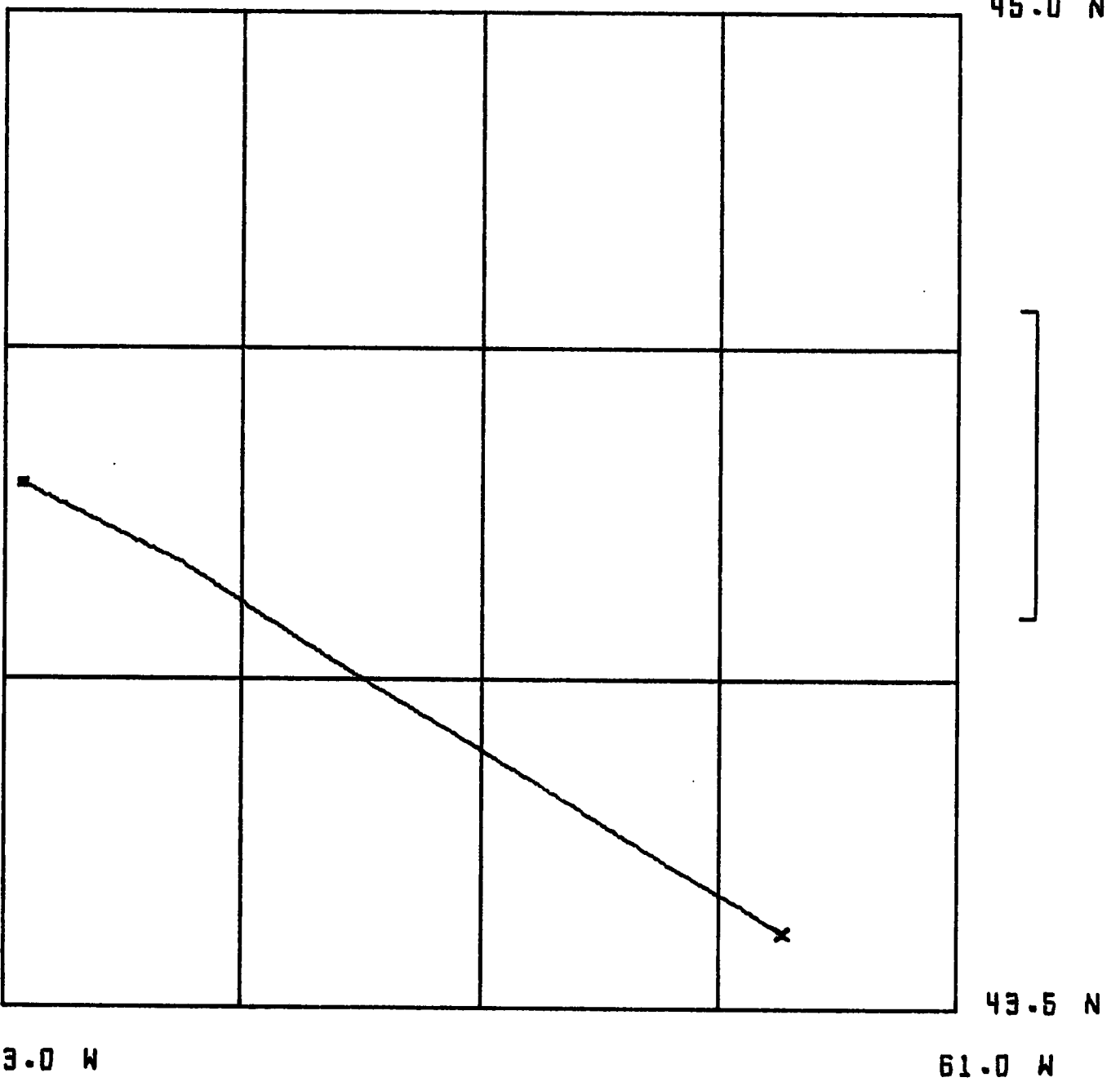
60.0 W



216 1644 042.97N
061.19W

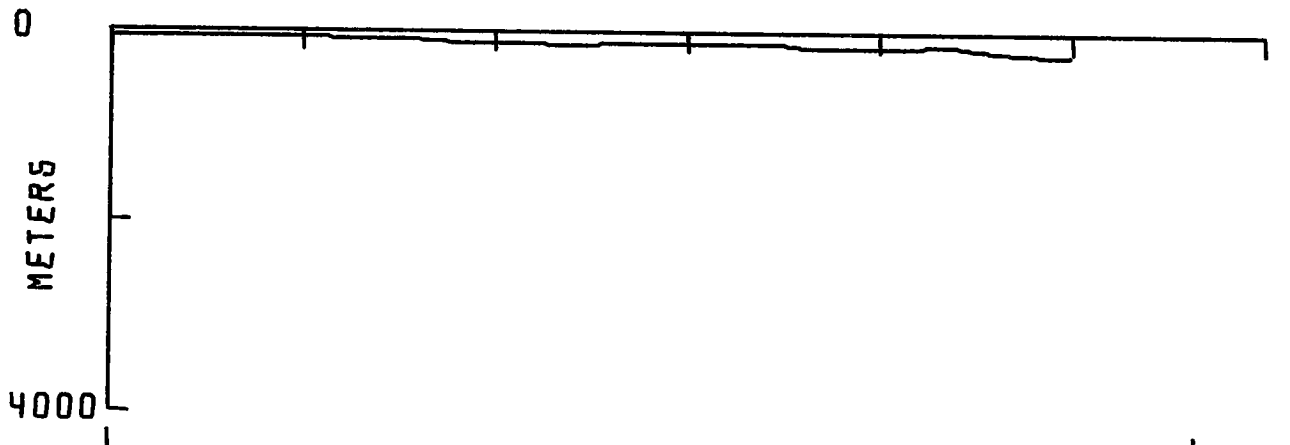
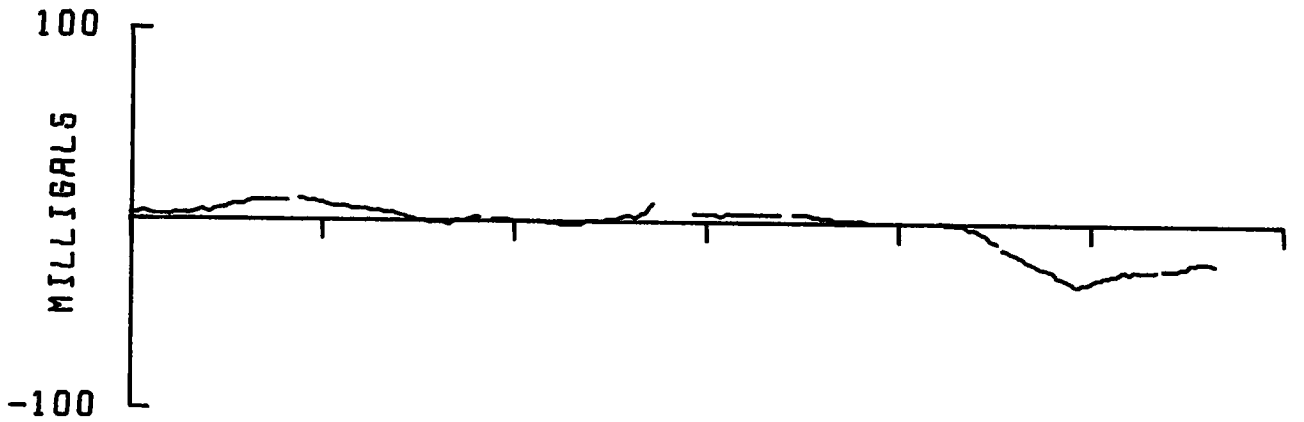
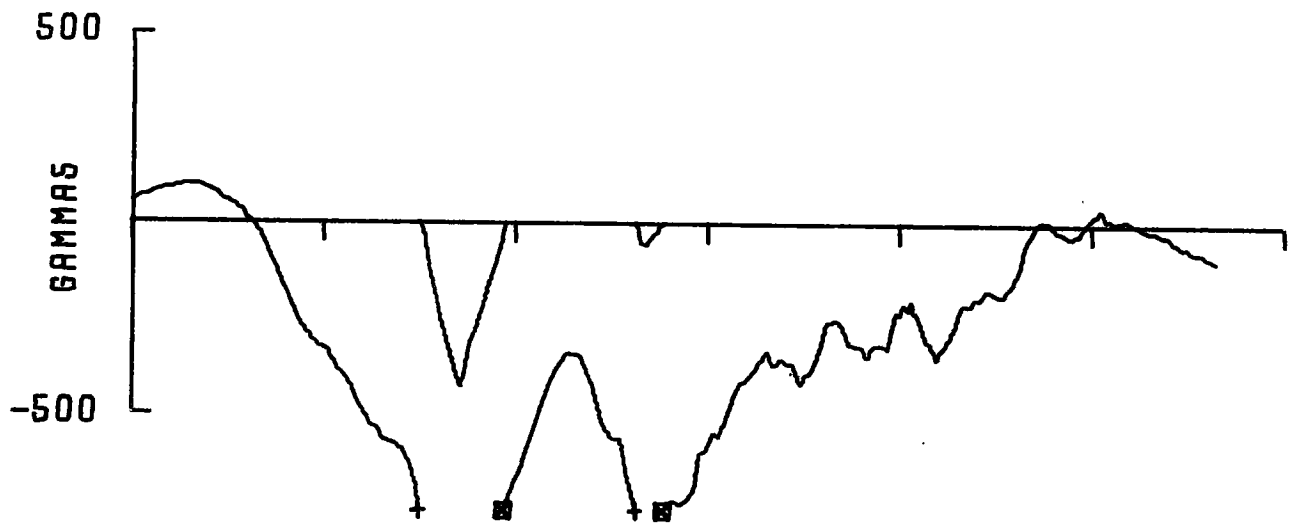
217 308 043.61N
061.36W

1/1000000 AT 46 N



1/1000000 AT 46N

C-129



217 310 043.61N
061.37W

217 1000 044.29N
062.96W

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