

18 10 E      18 15 E      18 20 E      18 25 E      18 30 E      18 35 E      18 40 E      18 45 E

+ 19 00 S

+ 19 05 S

+ 19 10 S

+ 19 15 S

+ 19 20 S

+ 19 25 S



19 05 S

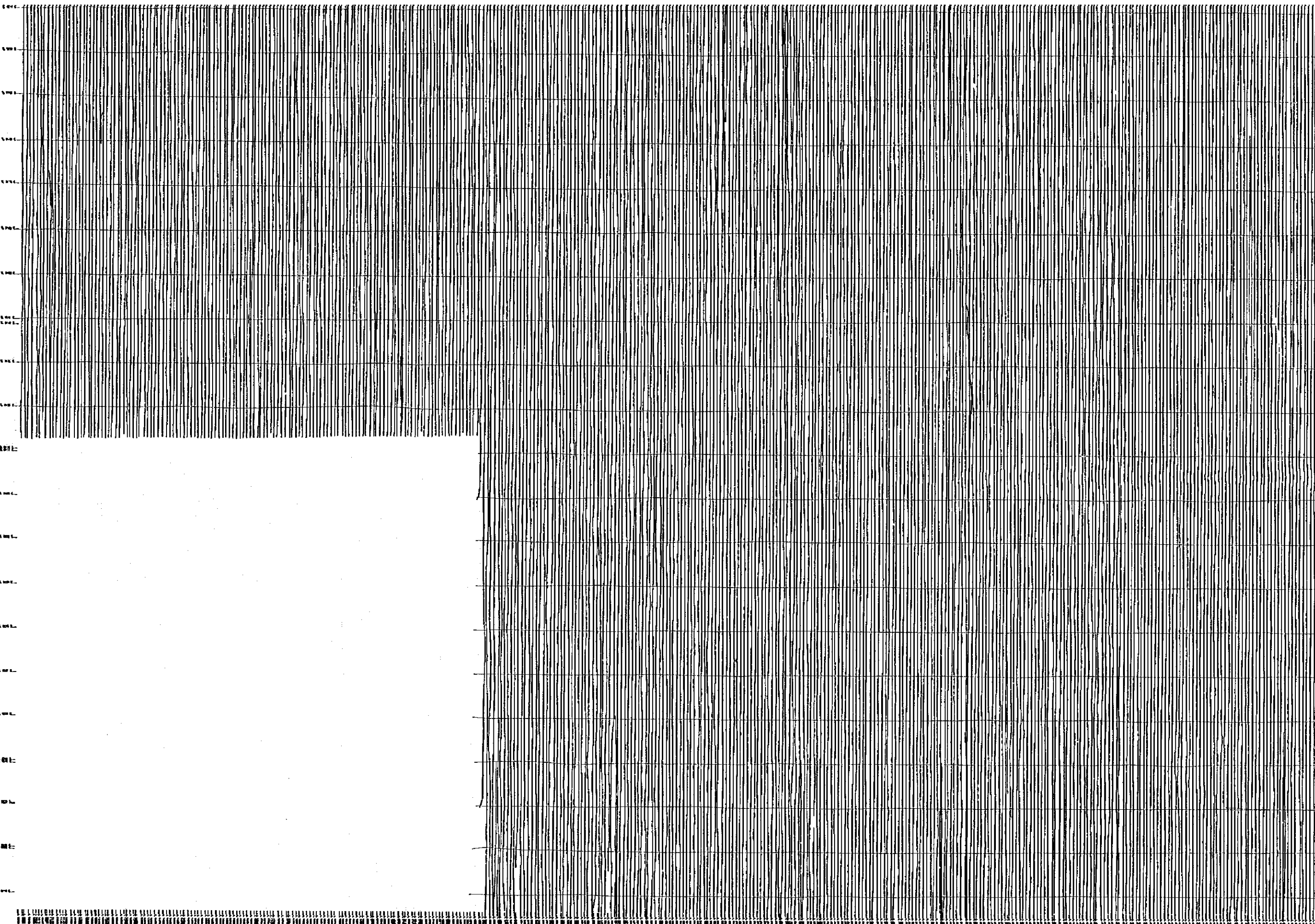
19 10 S

19 15 S

19 20 S

19 25 S

19 30 S



+

17 45 E

+

17 50 E

+

17 55 E

+

18 00 E

+

18 05 E

+

18 10 E

+

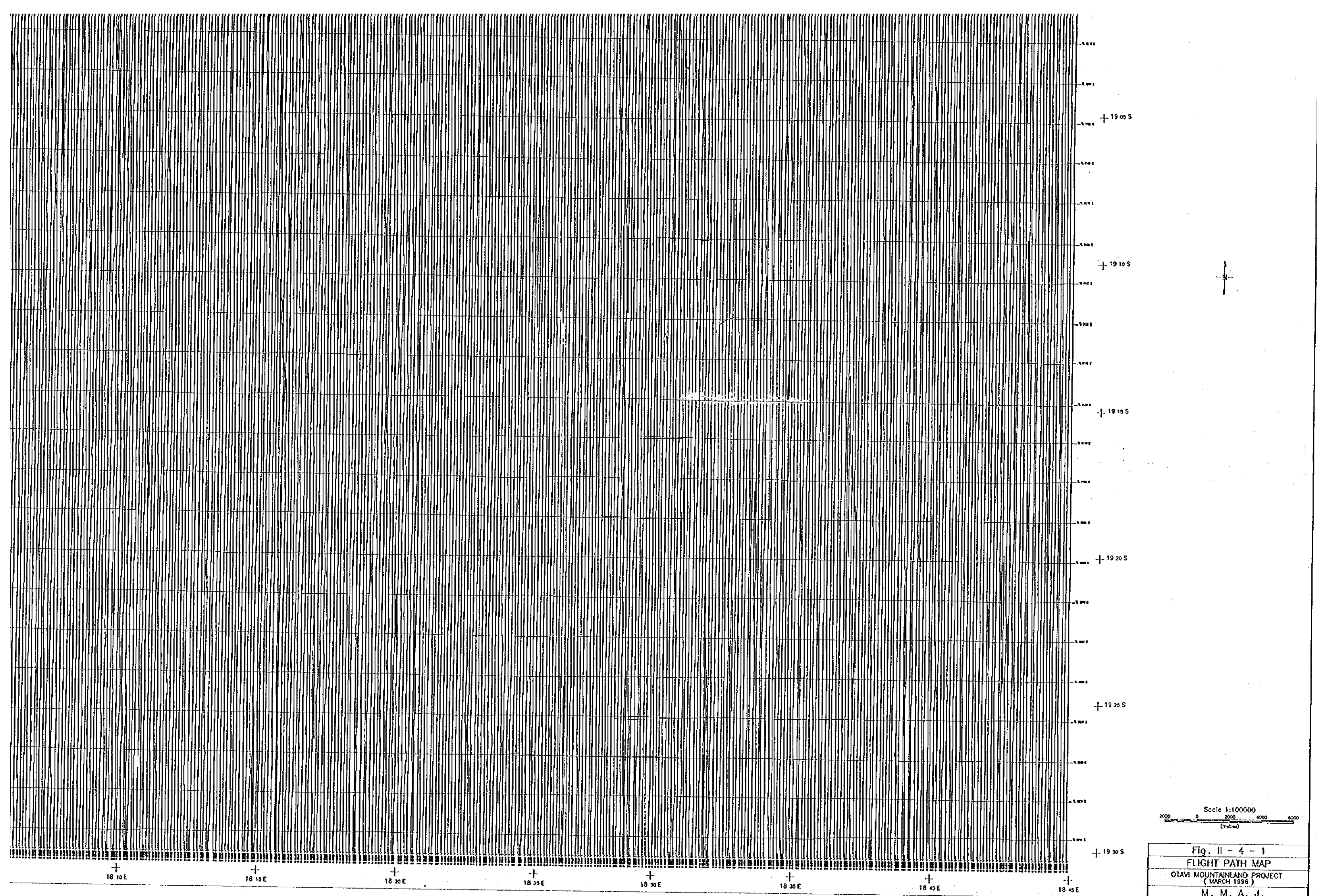
18 15 E

+

18 20 E

+

18 25 E



18 10 E

18 15 E

18 20 E

18 25 E

18 30 E

18 35 E

18 40 E

18 45 E

19 05 S

19 10 S

19 15 S

19 20 S

19 25 S

19 30 S

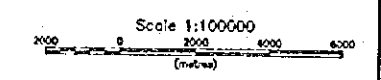
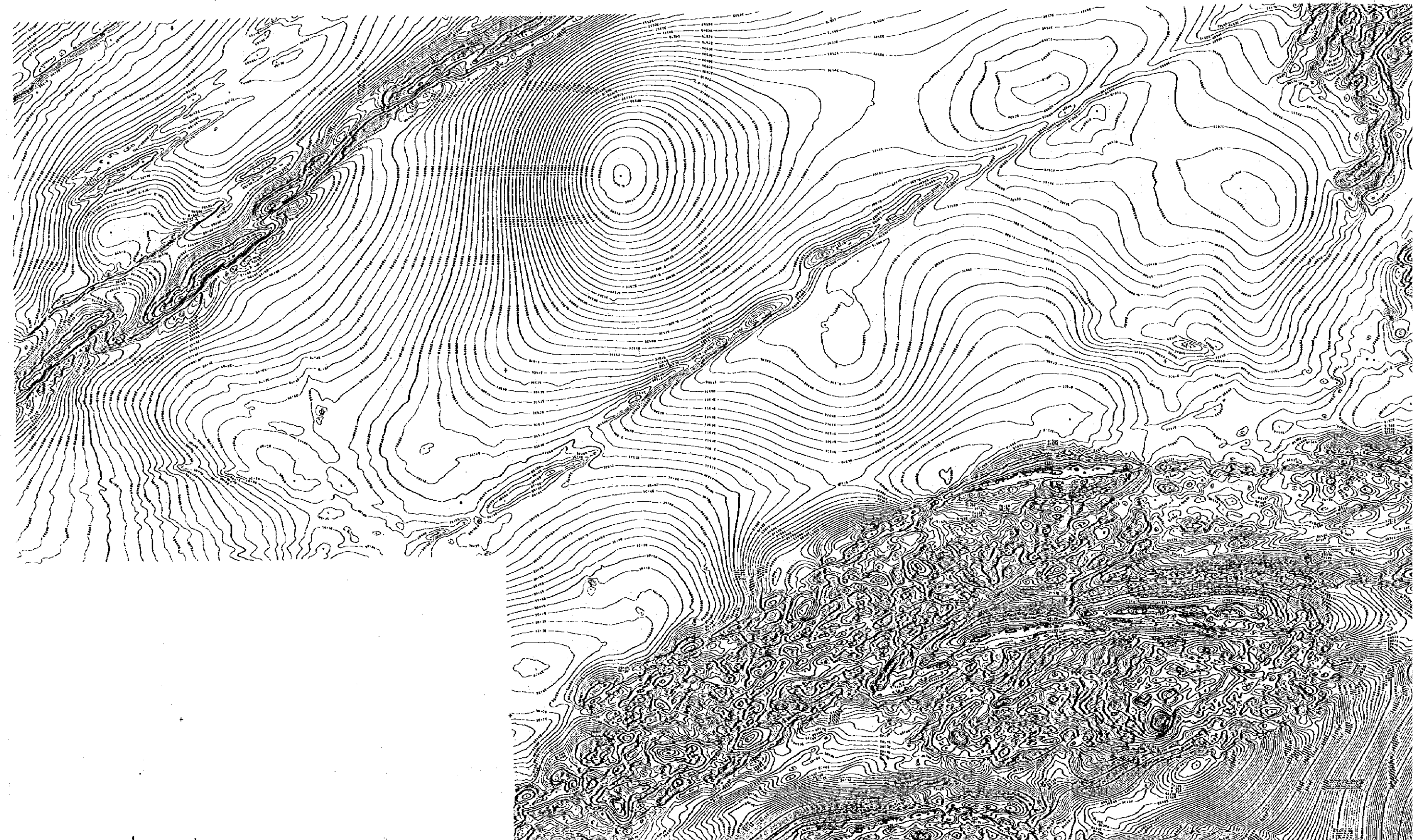
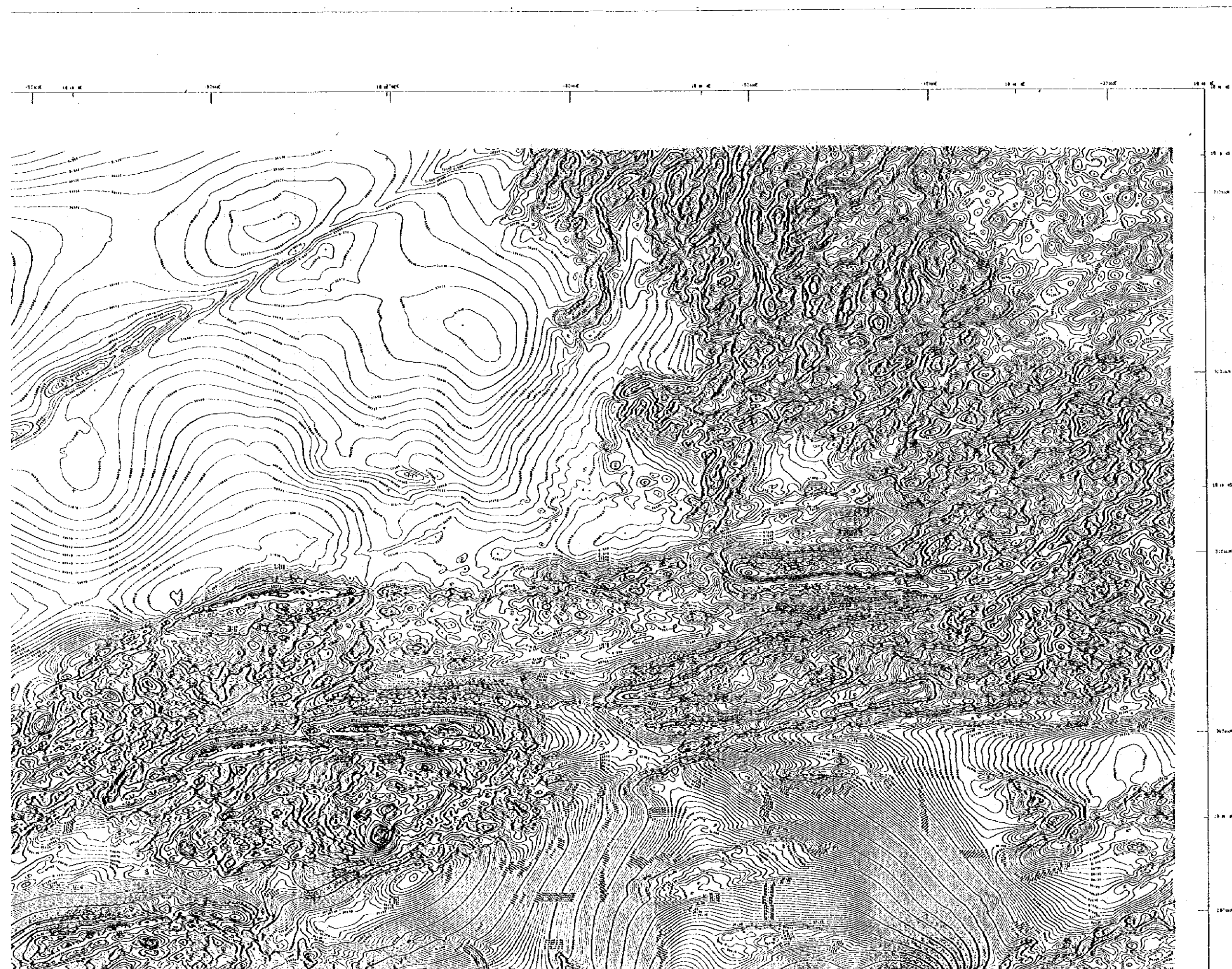


Fig. II - 4 - 1  
FLIGHT PATH MAP  
OTAVI MOUNTAINLAND PROJECT  
(MARCH 1998)  
M. M. A. J.

17 18 19 20 21 22 23 24 25 26 27 28 29 30

31000  
32000  
33000  
34000  
35000





**SURVEY SPECIFICATIONS**

DATA RECORDING INTERVAL	0.1 SEC - APPROX. 9 METRES
SENSOR MOUNT PERMANENT CLEARANCE	75 M AIC
FLIGHT LINE SPACING	250 METRES
TIE LINE SPACING	2500 METRES
FLIGHT LINE TEND	NORTH - SOUTH
TIE LINE TEND	EAST - WEST

**EQUIPMENT SPECIFICATIONS**

TRAVEL PHOTO METER	SCANTER HI RESOLUTION
DATA ACQUISITION SYSTEM	RMS DAS-8
AUTOMATIC AIRBORNE DYNAMIC COMPENSATOR	AMS ADC, 27 TON
CHART RECORDER	RMS DAS, 16 CHANNEL
RANGING ALTIMETER	AND 400
DOPPLER ALTIMETER	PIRCE

**NAVIGATION SPECIFICATIONS**

FLIGHT PATH TRACKING	WITIDAR 1P 5-MS COLOUR VIDEO
FLIGHT PATH NAVIGATION	ORIGIN SHIP 6MS
FLIGHT PATH RECORDING	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

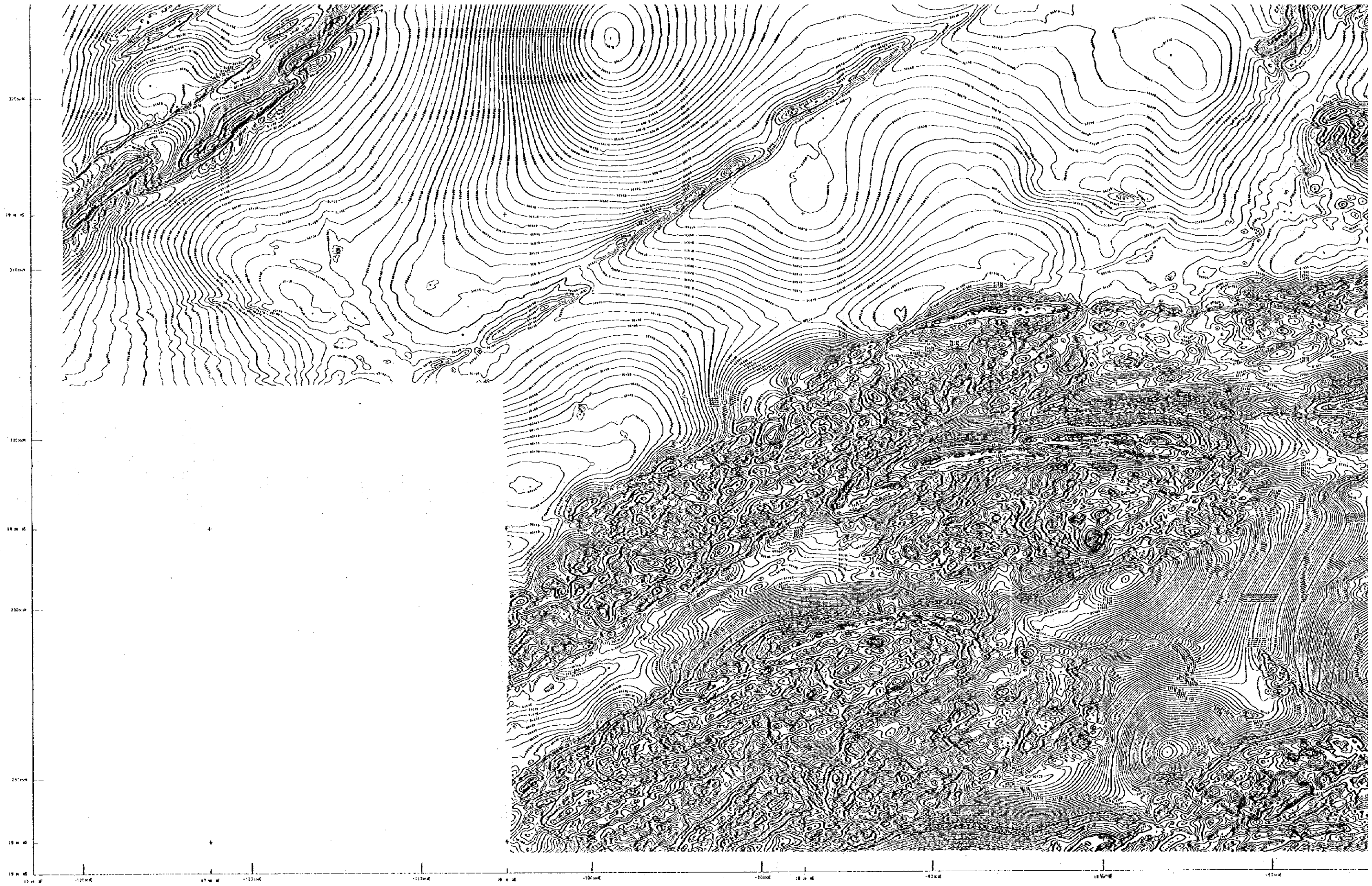
**PLOTTING SPECIFICATIONS**

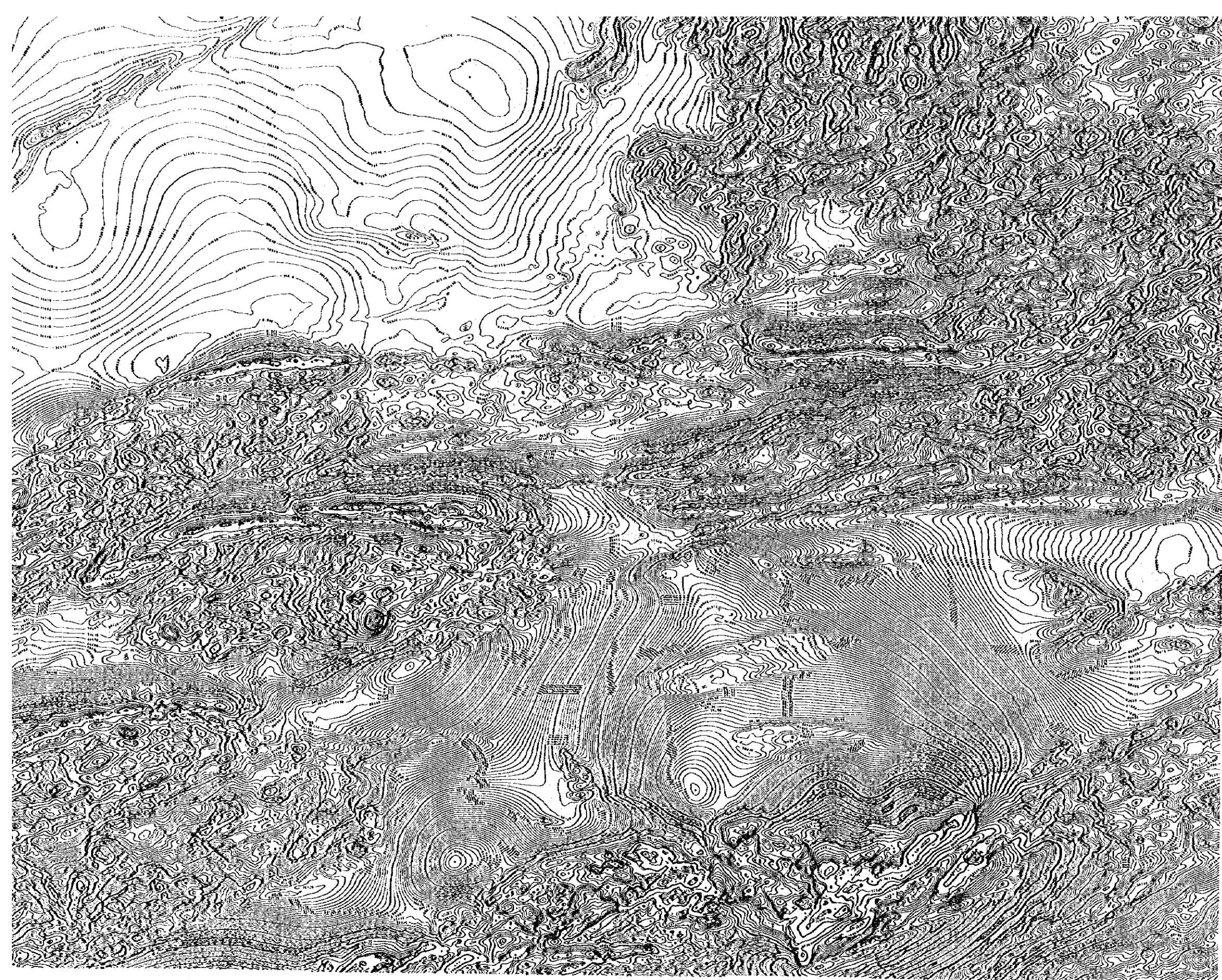
PROJECTION	GAUSS CONFORM
SPHEROID	BESEL
CENTRAL MERIDIAN	15 DEGREES EAST
X BIAS	0 METRES
Y BIAS	0 METRES
GRID MESH SIZE	75 METRES
PROGRAM SUPPLIED BY	GEOPSS
PROGRAM	CESSNA E119A 424 25-PSN
DATA ACQUISITION BY	GEOPSS
DATA PROCESSING BY	GEOPSS

**CONTOUR INTERVAL : 5 NT**

5 NT CONTOUR	-----
10 NT CONTOUR	=====
50 NT CONTOUR	=====
250 NT CONTOUR	=====







**NAVIGATION SPECIFICATIONS**

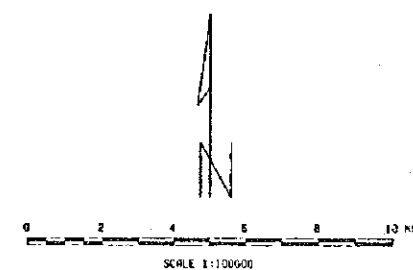
FLIGHT PATH TRACKING	NATIONAL TP 3-TMS ORION VIDEO
FLIGHT PATH NAVIGATION	SORIN SATTE GPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

**PLOTTING SPECIFICATIONS**

PROJECTION	GAUSS CONFORM
SPHEROID	BESSEL
CENTRAL MERIDIAN	19 DEGREES EAST
X AXIS	0 METRES
Y AXIS	0 METRES
GRID MESH SIZE	75 METRES
AIRCRAFT SUPPLIED BY	GEORSS
AIRCRAFT	CESSNA T174N ACA 25-ROK
DATA ACQUISITION BY	GEORSS
DATA PROCESSING BY	GEORSS

CONTOUR INTERVAL : 5 NT

5 NT CONTOUR	_____
10 NT CONTOUR	_____
50 NT CONTOUR	_____
250 NT CONTOUR	_____



JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN

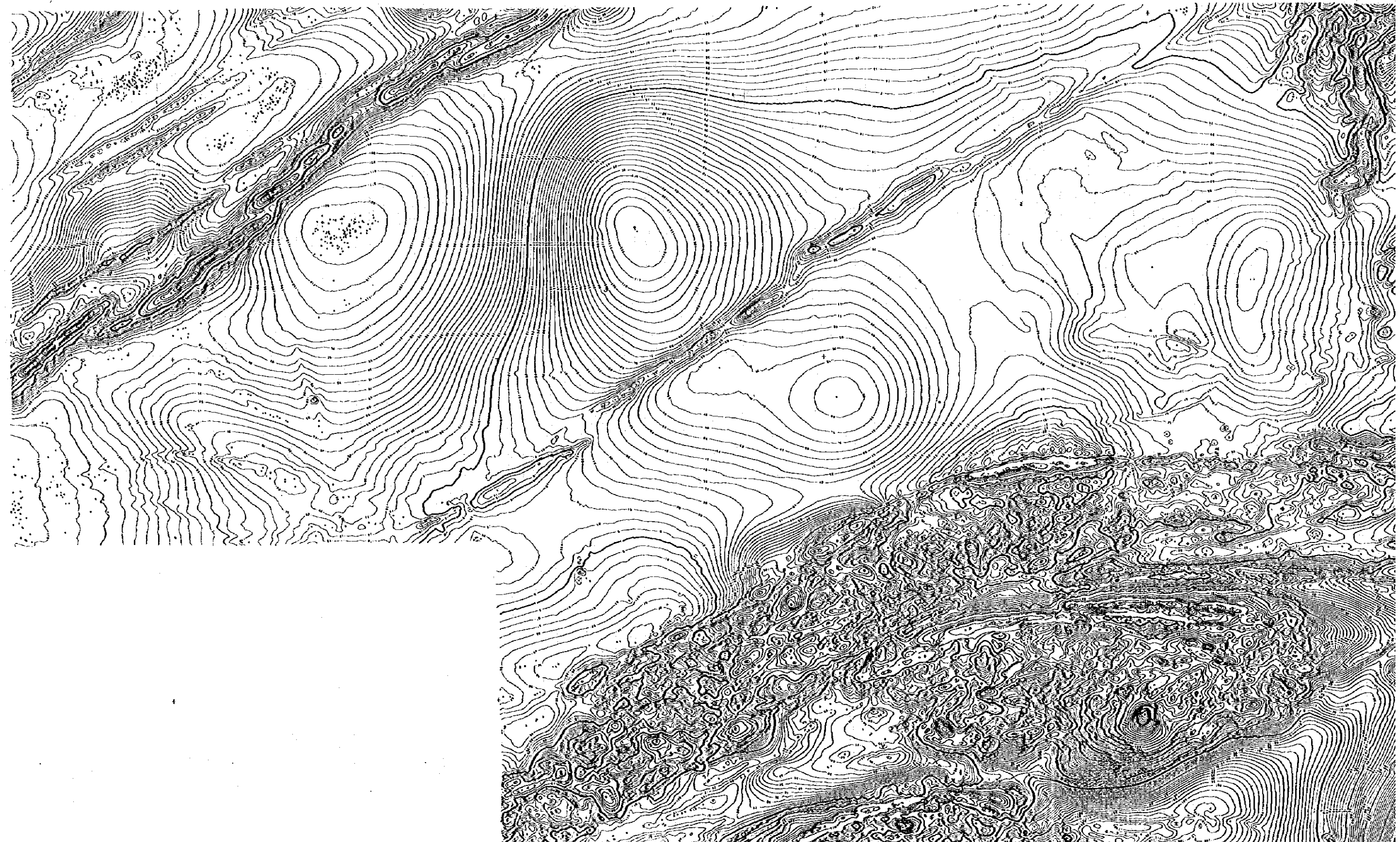
THE MINERAL EXPLORATION  
IN THE OTAVI MOUNTAIN LAND AREA  
THE REPUBLIC OF NAMIBIA

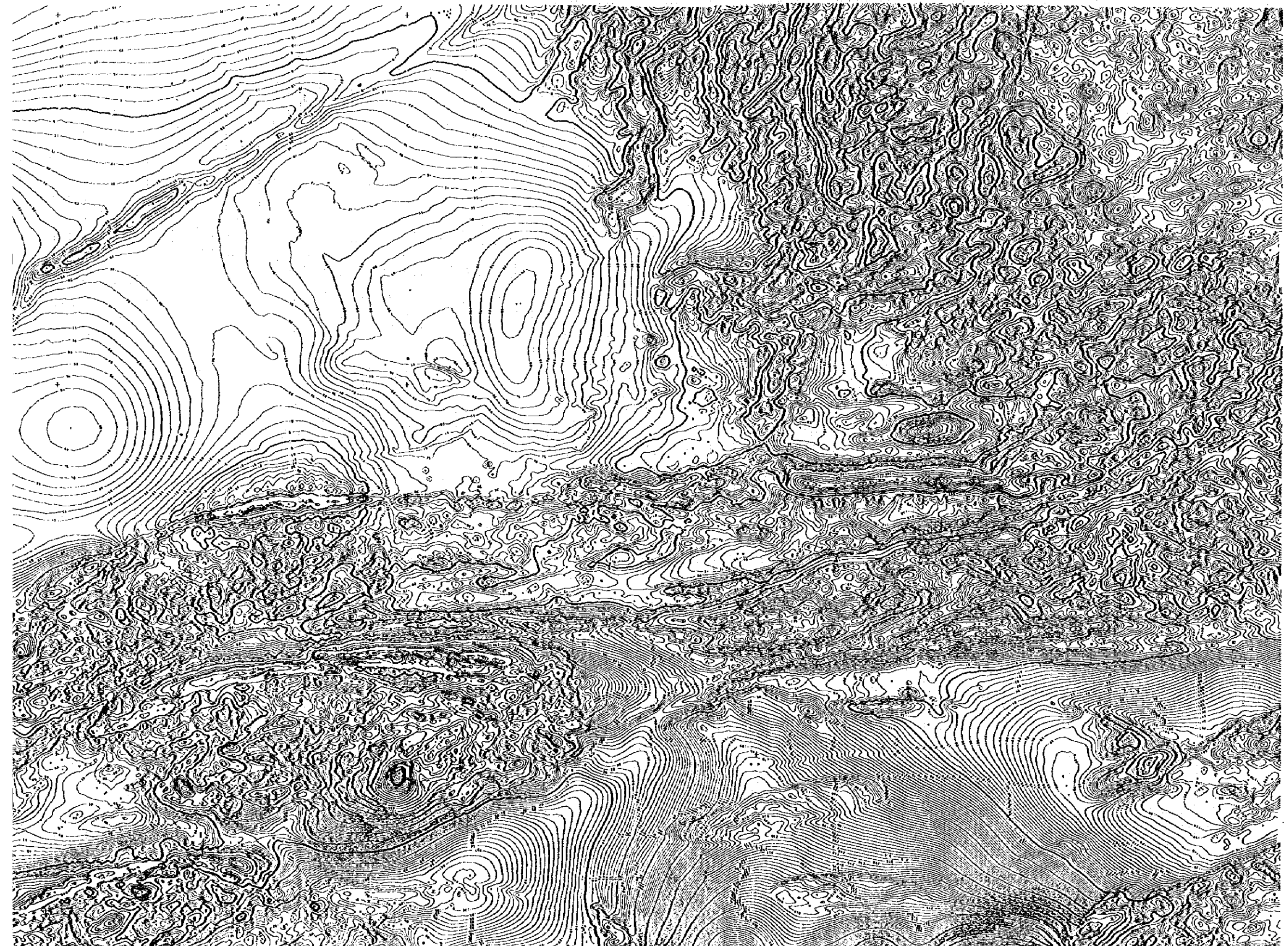
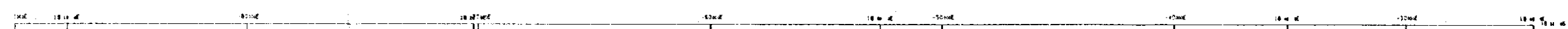
Fig D-4-3 Total Field Magnetic Intensity Map  
MARCH 1996



130°E 125°E 120°E 115°E 110°E 105°E 100°E 95°E 90°E 85°E

19°45'  
19°00'  
18°15'  
17°30'  
16°45'  
16°00'





**SURVEY SPECIFICATIONS**

DATA RECORDING INTERVAL	0.1 SEC. APPROX. 9 METRES
SENSOR HEAVY TERRAIN CLEARANCE	75 M MIC
FLIGHT LINE SPACING	250 METRES
FLIGHT LINE SPACING	2500 METRES
FLIGHT LINE TEND	NORTH - SOUTH
FLIGHT LINE TEND	EAST - WEST

**EQUIPMENT SPECIFICATIONS**

TRANSFORMER PHOTOPLIERS	SCANNING HO SENSOR VAPOR
DATA ACQUISITION SYSTEM	4MS DAS-9
AUTOMATIC BIRDSONE DYNAMIC COMPENSATOR	RMS RAD. 27 YEARS
PRINT RECORDER	RMS DP39. 16 CHANNEL
RADIO ALTIMETER	RTMO AR2
BAROMETRIC ALTIMETER	AR2B

**NAVIGATION SPECIFICATIONS**

FLIGHT PATH TRACKING	NATIONAL IP. S-INS COLOUR VIDEO
FLIGHT PATH NAVIGATION	OPSON SA11 GPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

**PLOTTING SPECIFICATIONS**

PROJECTION	ORIS CONFORM
SPHEROID	BESSEL
CENTRAL MERIDIAN	19 DEGREES EAST
X BARS	0 METRES
Y BARS	0 METRES
GRID MESH SIZE	75 METRES
AIRCRAFT SUPPLIED BY	GEORAS
AIRCRAFT	CESSNA T174C4 FS-10H
DATA ACQUISITION BY	GEORAS
DATA PROCESSING BY	GEORAS

CONTOUR INTERVAL : 5 NT

5 NT CONTOUR	=====
10 NT CONTOUR	=====
50 NT CONTOUR	=====
250 NT CONTOUR	=====



