

*Report and Index of
Underway Marine geophysical Data*

Vancouver Expedition

Leg 05

(VANC05MV)

R/V Melville

(Issued Mar 2003)

Ports:

Valparaiso, Chile (08-DEC-02)

to

Capetown, South Africa (28-DEC-02)

Chief Scientist: Transit, No Chief Scientist on board

none

none

Computer Tech - Dan Jacobson

Resident Tech - No Resident Tech on board

Post-Cruise processing and report preparation by the
Shipboard Technical Support Group,
Scripps Institution of Oceanography
La Jolla, CA 92093-0223

Note: *This is an index of underway geophysical data edited and processed after the completion of the leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or Shipboard Technical Support, Scripps Institution of Oceanography, La Jolla, California 92093-0223*

STS Cruise ID#299

Report and index of Navigation and Underway Geophysical Data

Contents:

Index Chart - give track of cruise leg, dates, ports.

Track Charts - annotated with dates and hour ticks.

Profiles - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

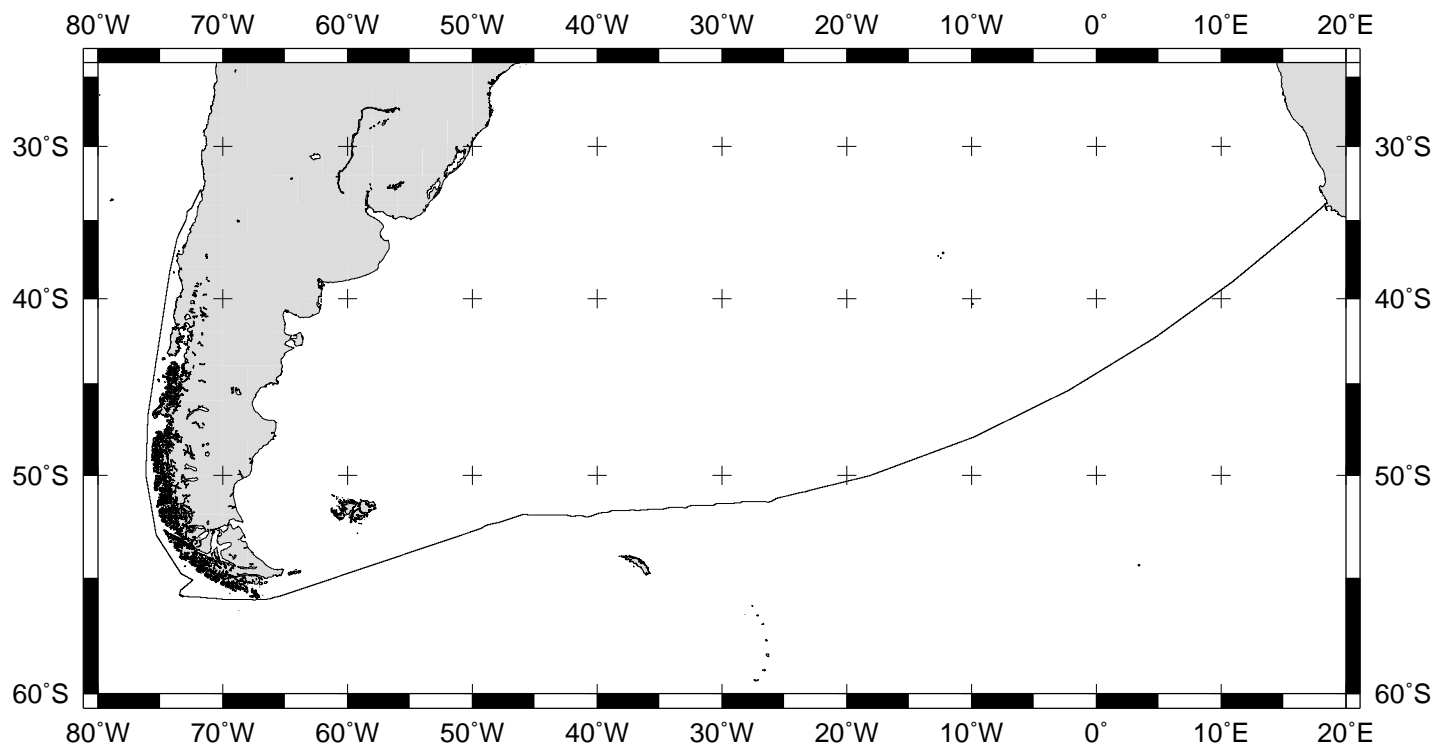
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

Note:

For information on the availability of this current digital data as well as archived digital data contact:

Stephen P. Miller
Geological Data Center
Scripps Institution of Oceanography
La Jolla, California 92093-0220
Phone: (858) 534-1898
Internet email: spmiller@ucsd.edu; or his website: <http://SIOExplorer@ucsd.edu>

Rev 05/2002



VANCOUVER EXPEDITION LEG 5 (VANC05MV)

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CHIEF SCIENTIST: Transit, No Chief Scientist on board

PORTS: Valparaiso, Chile - Cape Town, South Africa

DATES: 8 - 28 December 2002

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-5430 miles

Magnetics-2842 miles

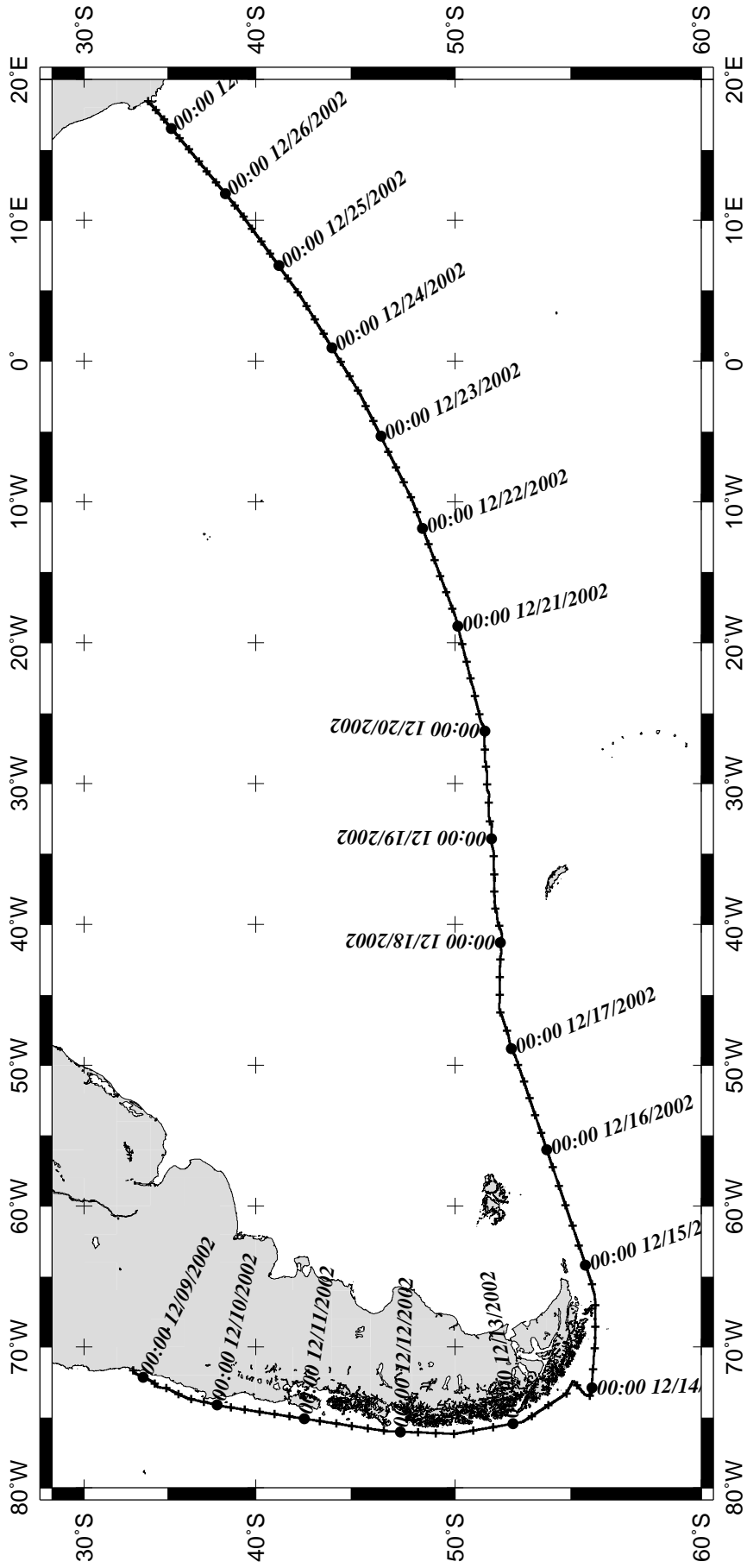
Bathymetry-5060 miles

Seismic Reflection-none collected

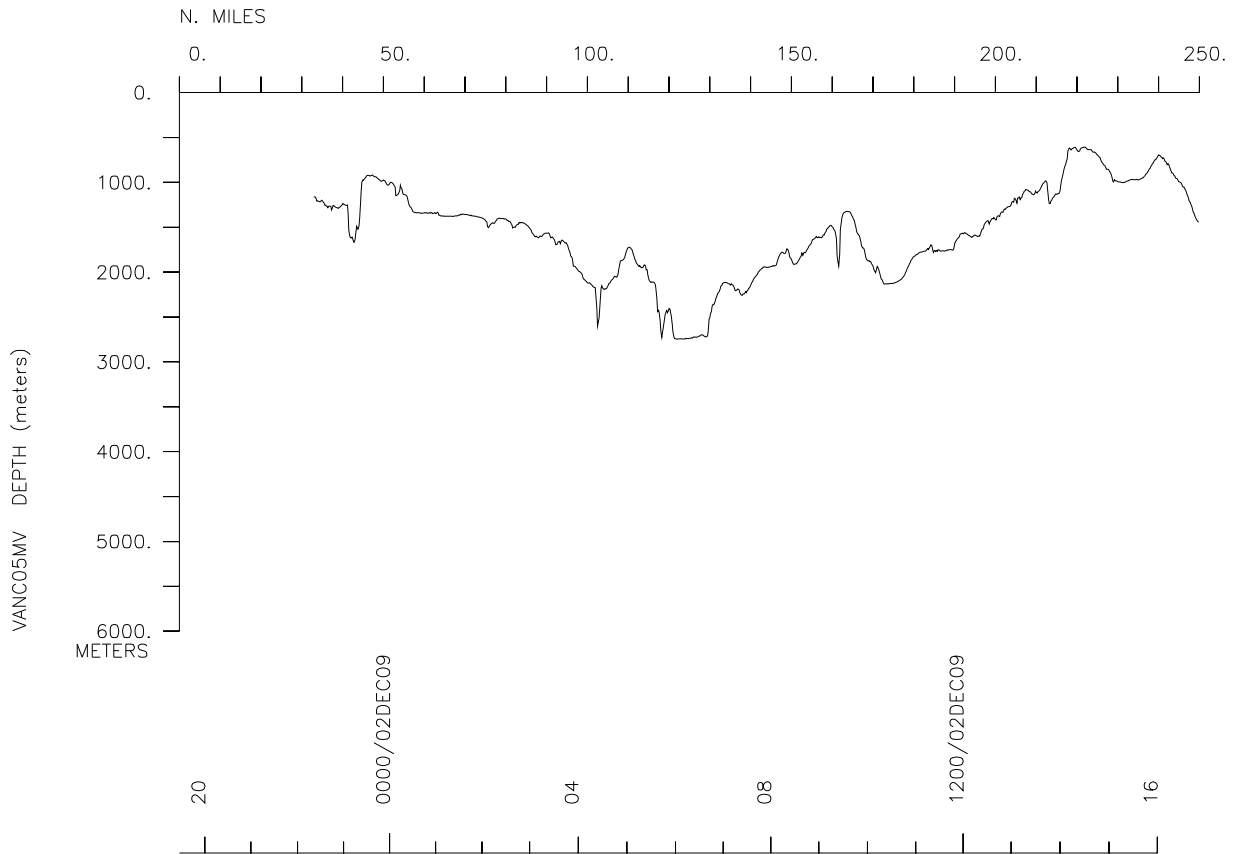
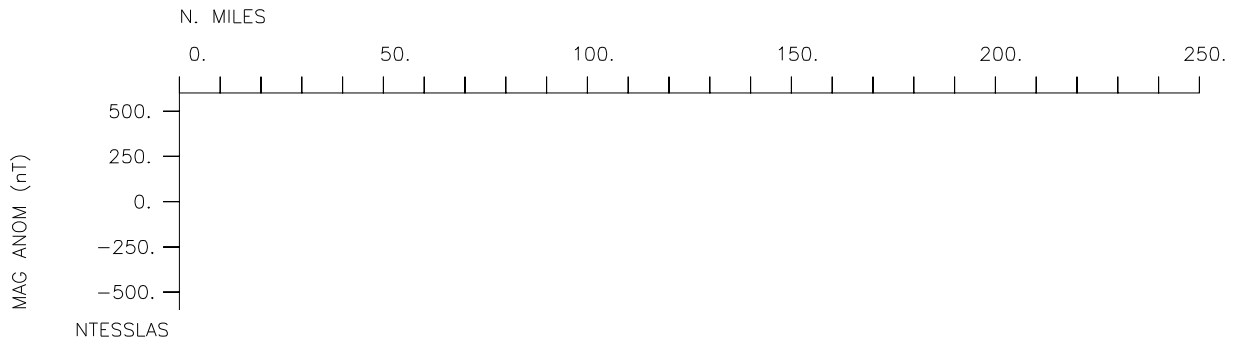
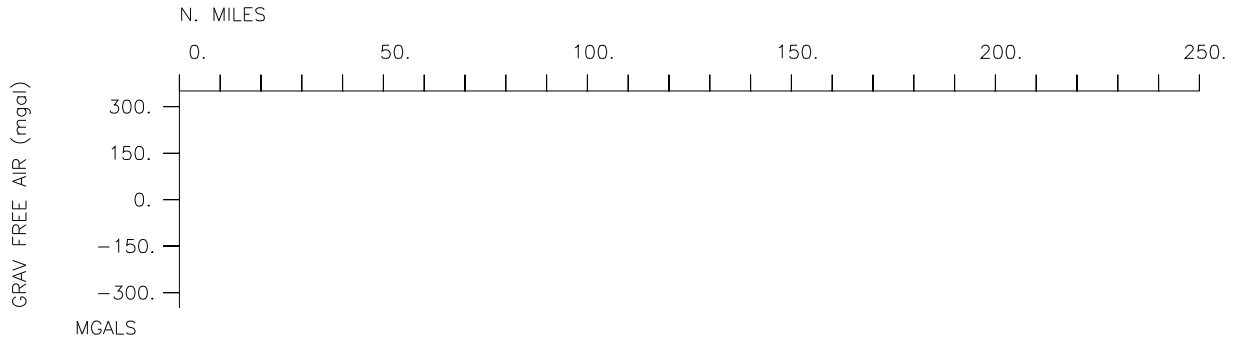
Multibeam-5060 miles

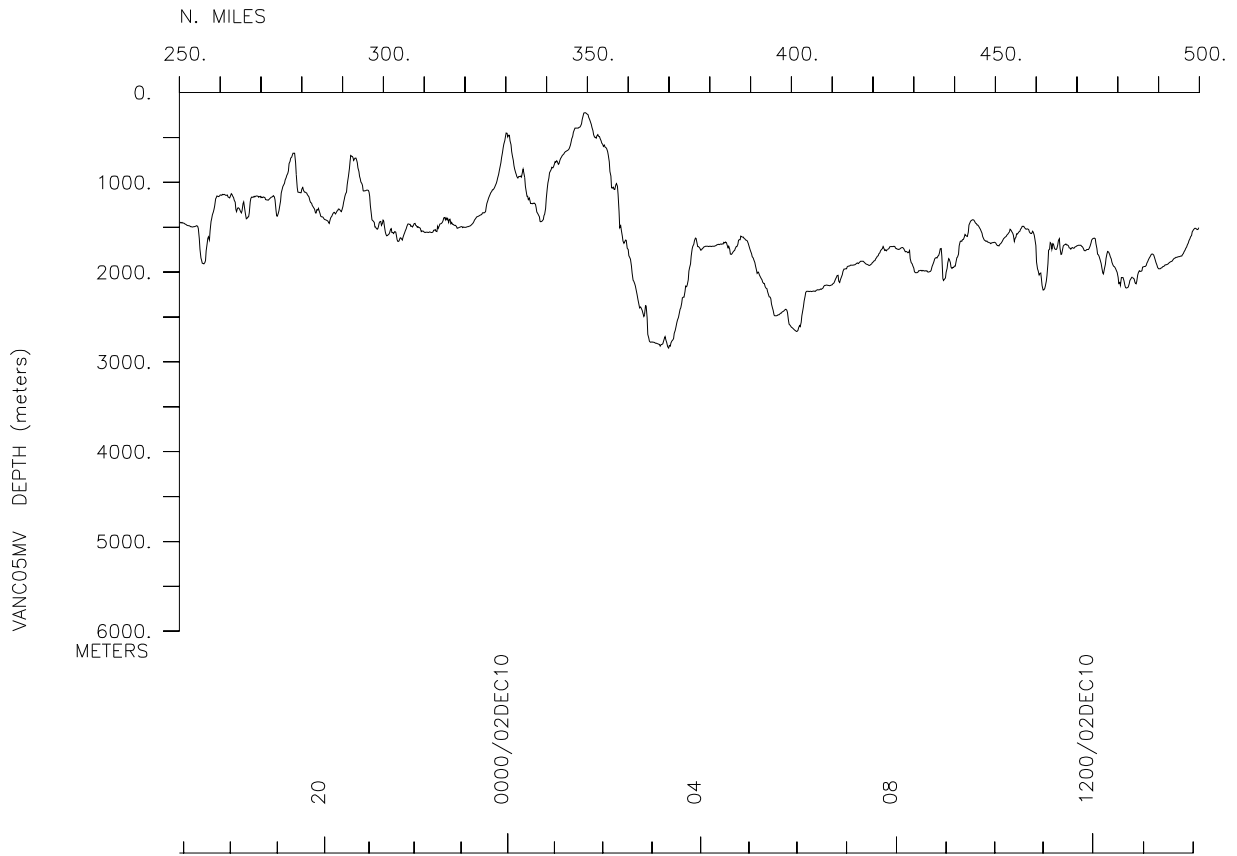
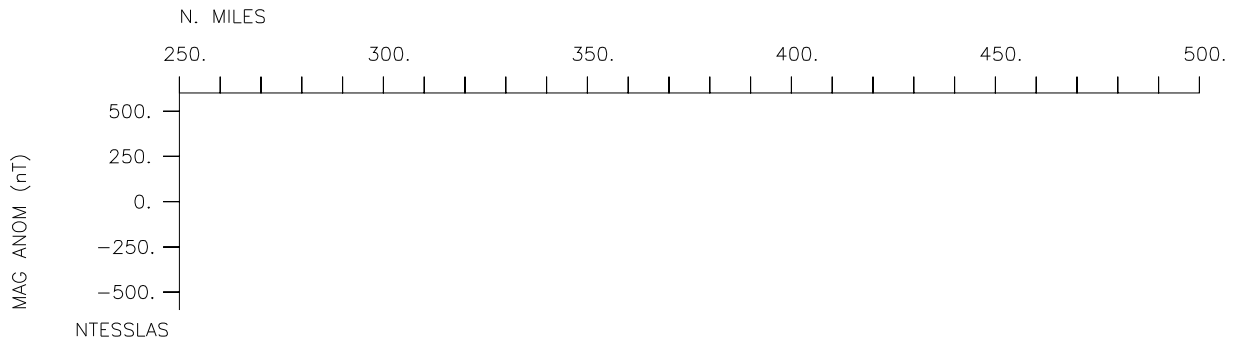
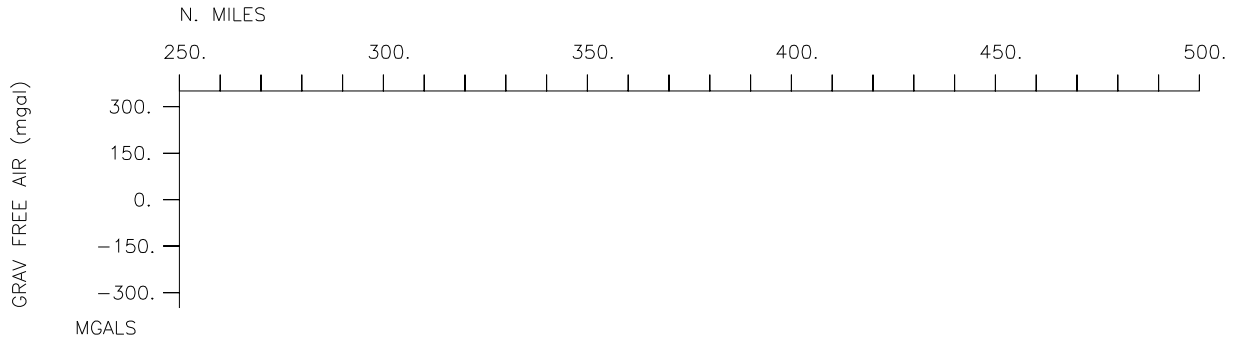
Gravity-none collected

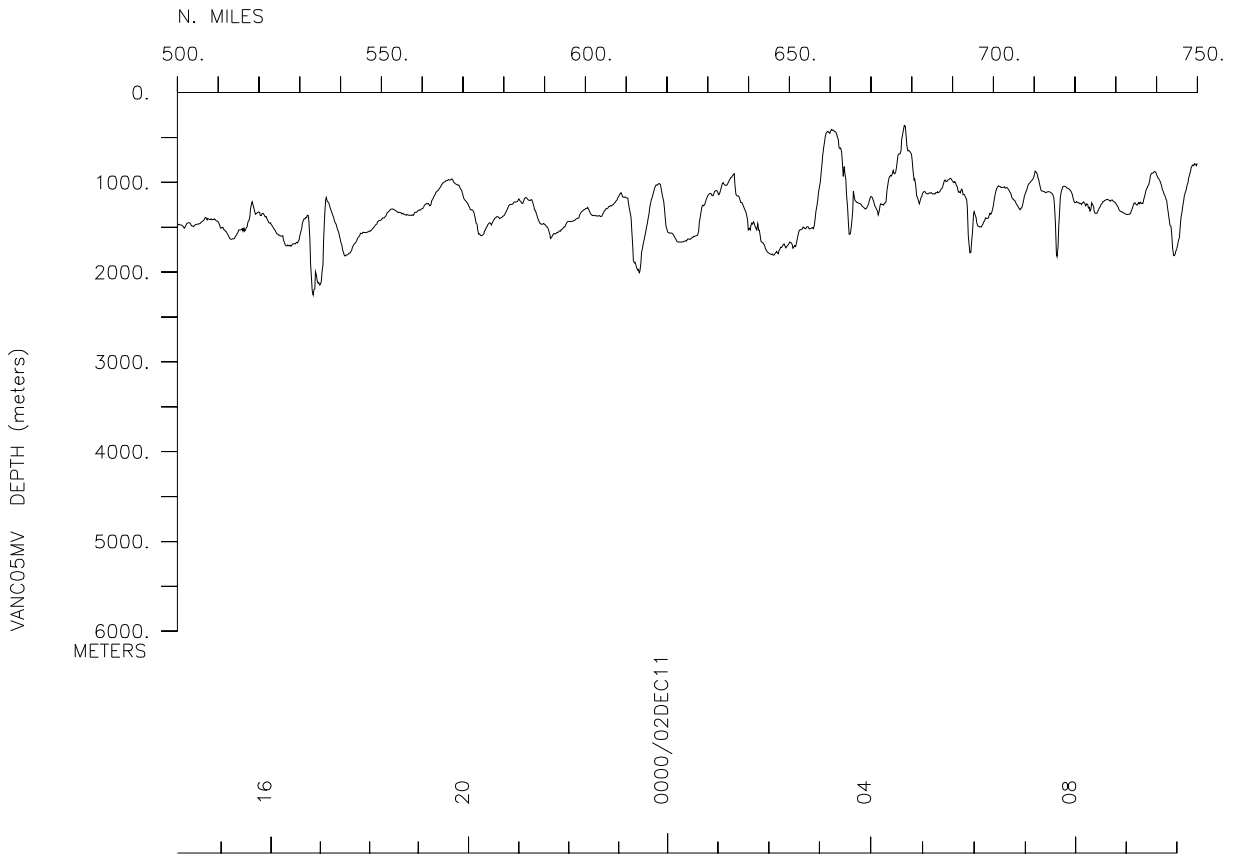
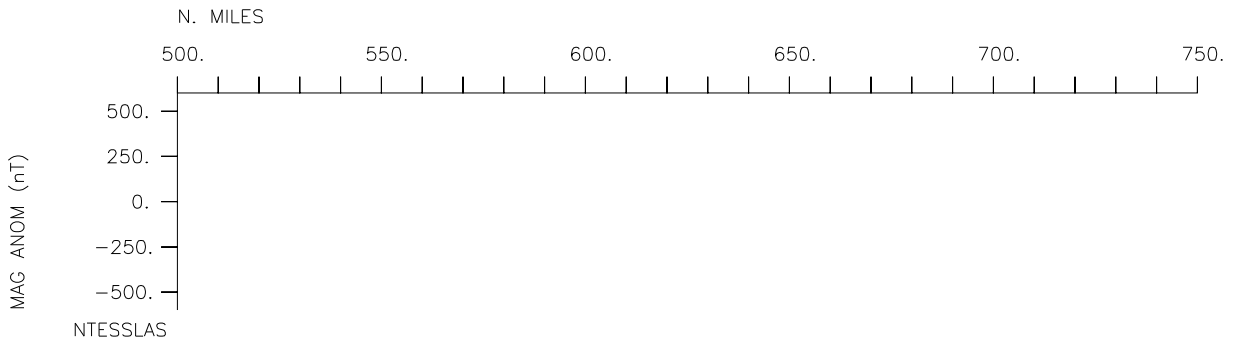
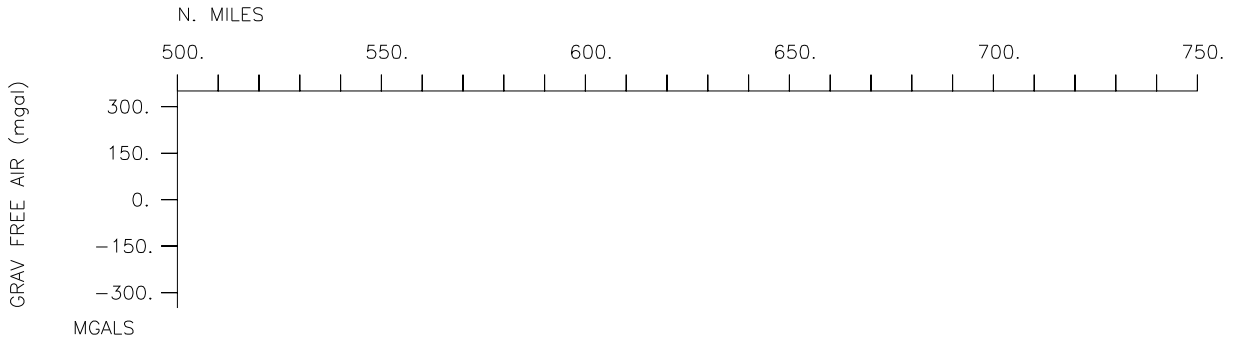
VANC05MV

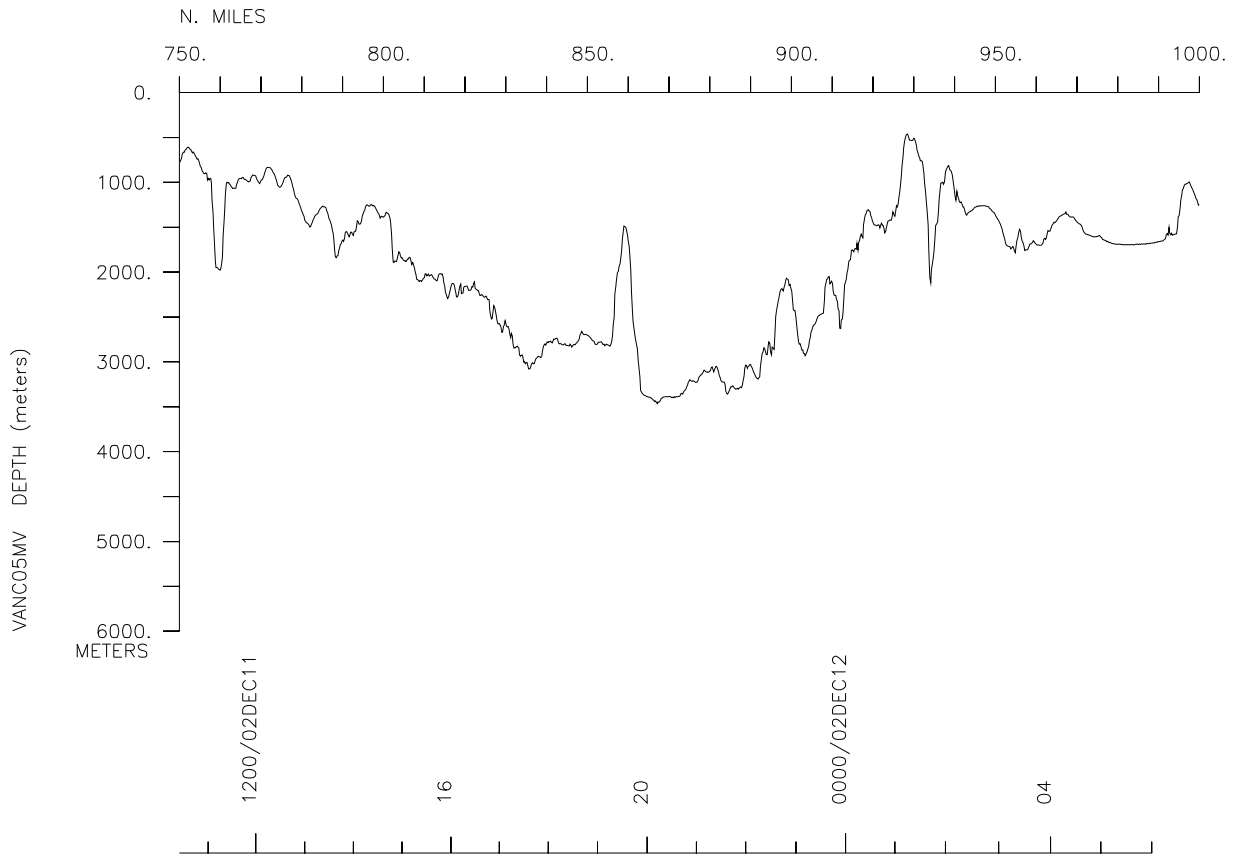
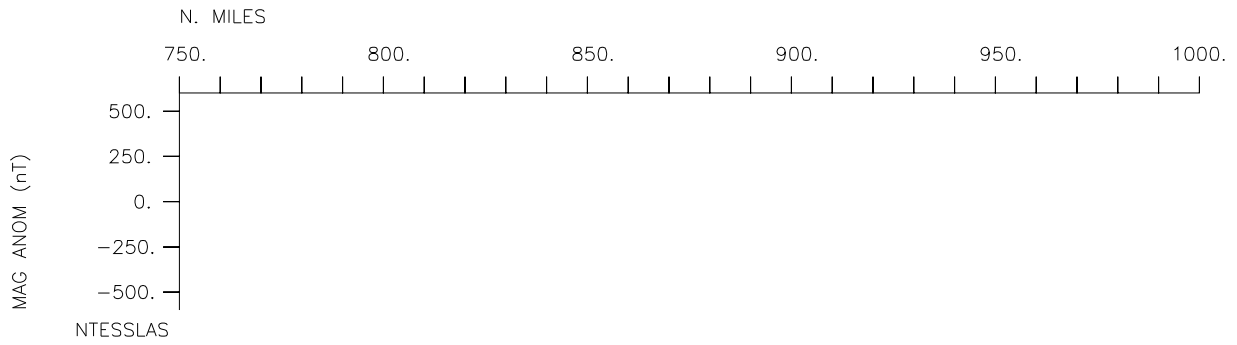
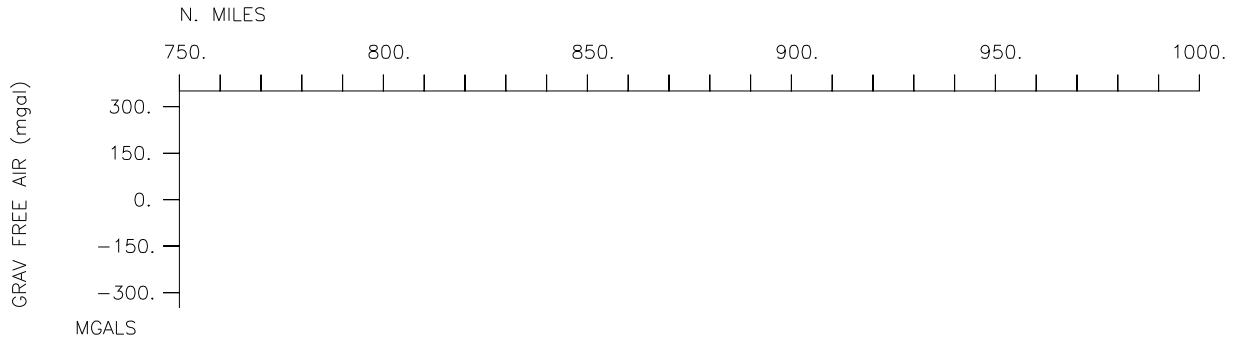


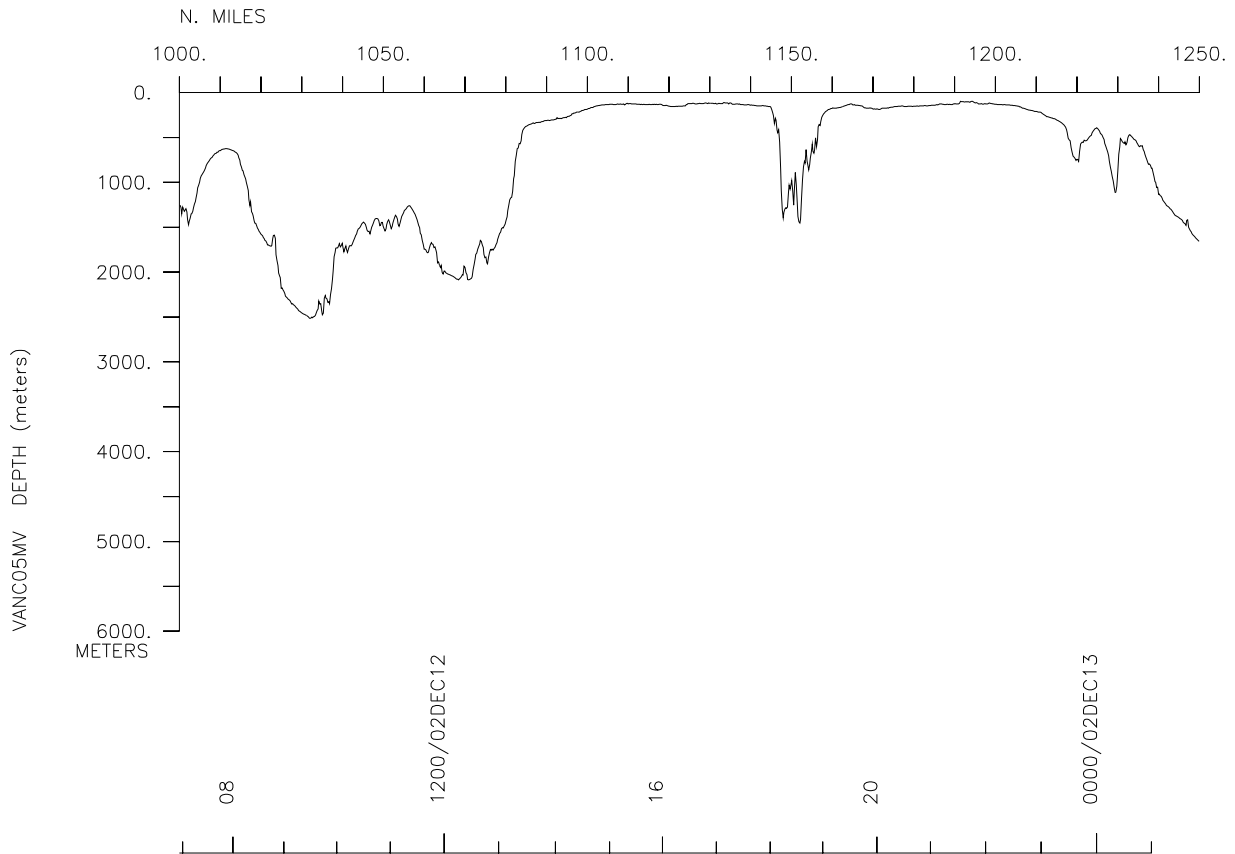
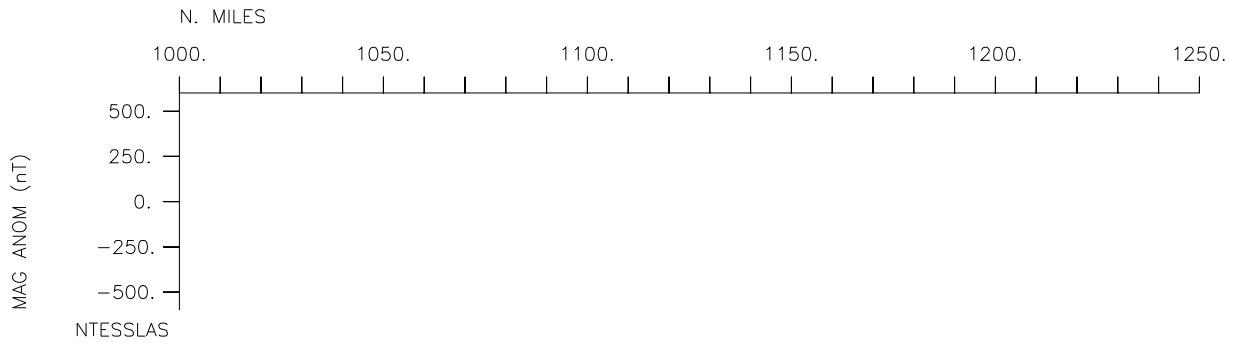
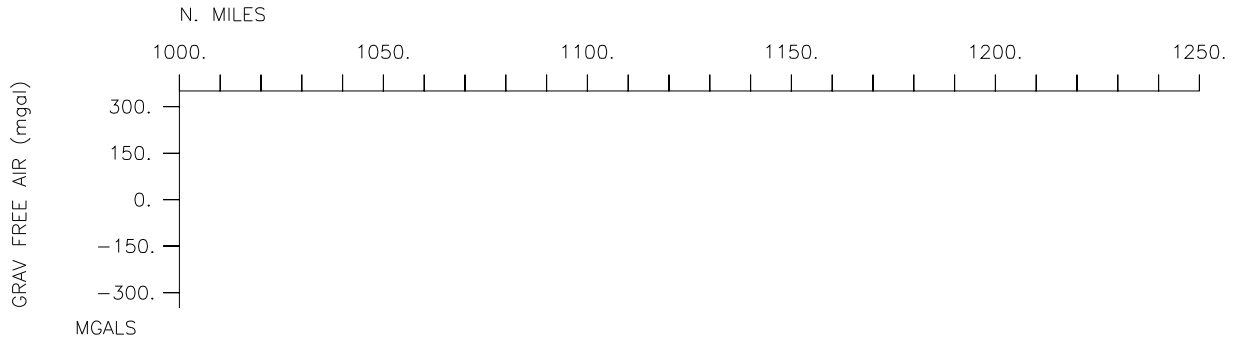
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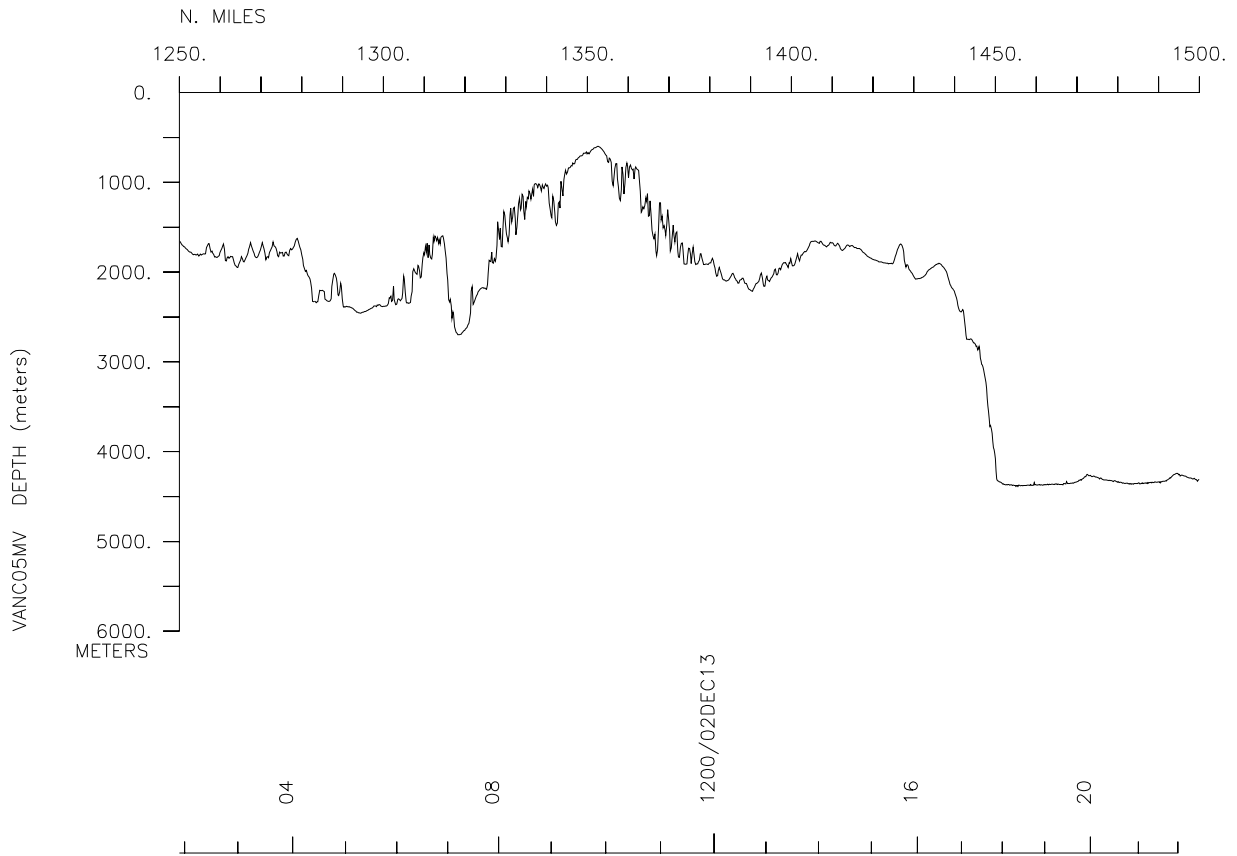
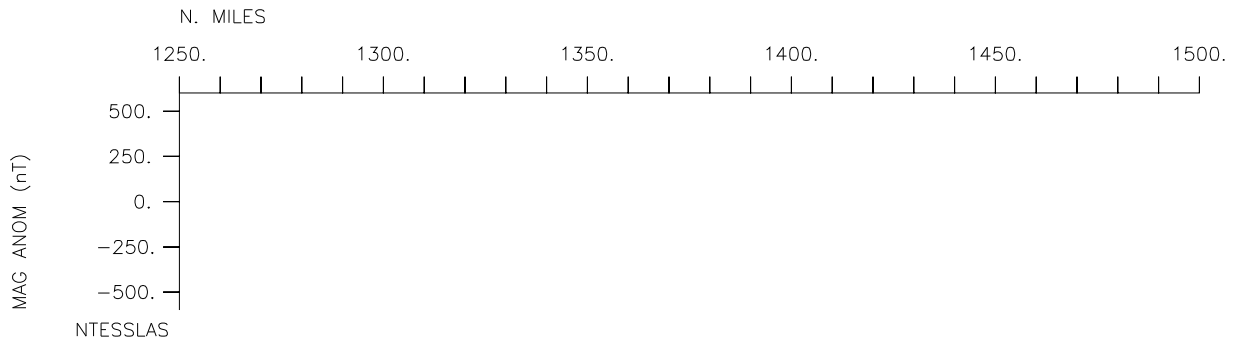
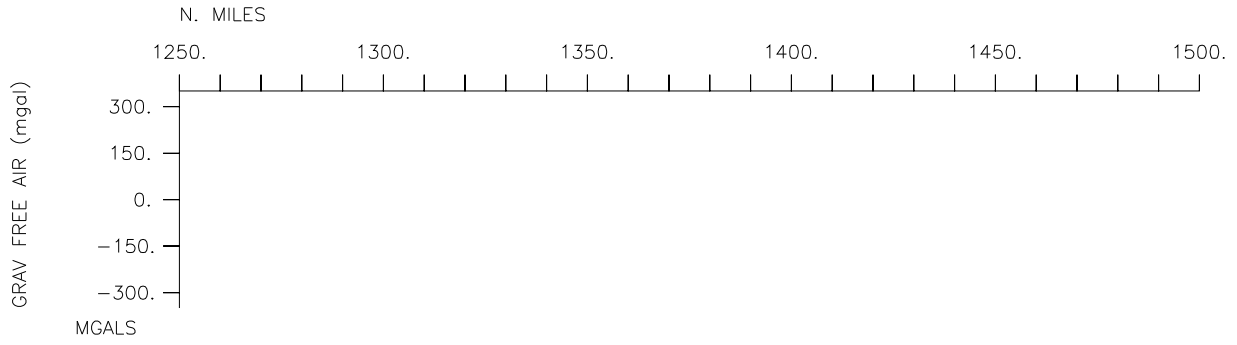


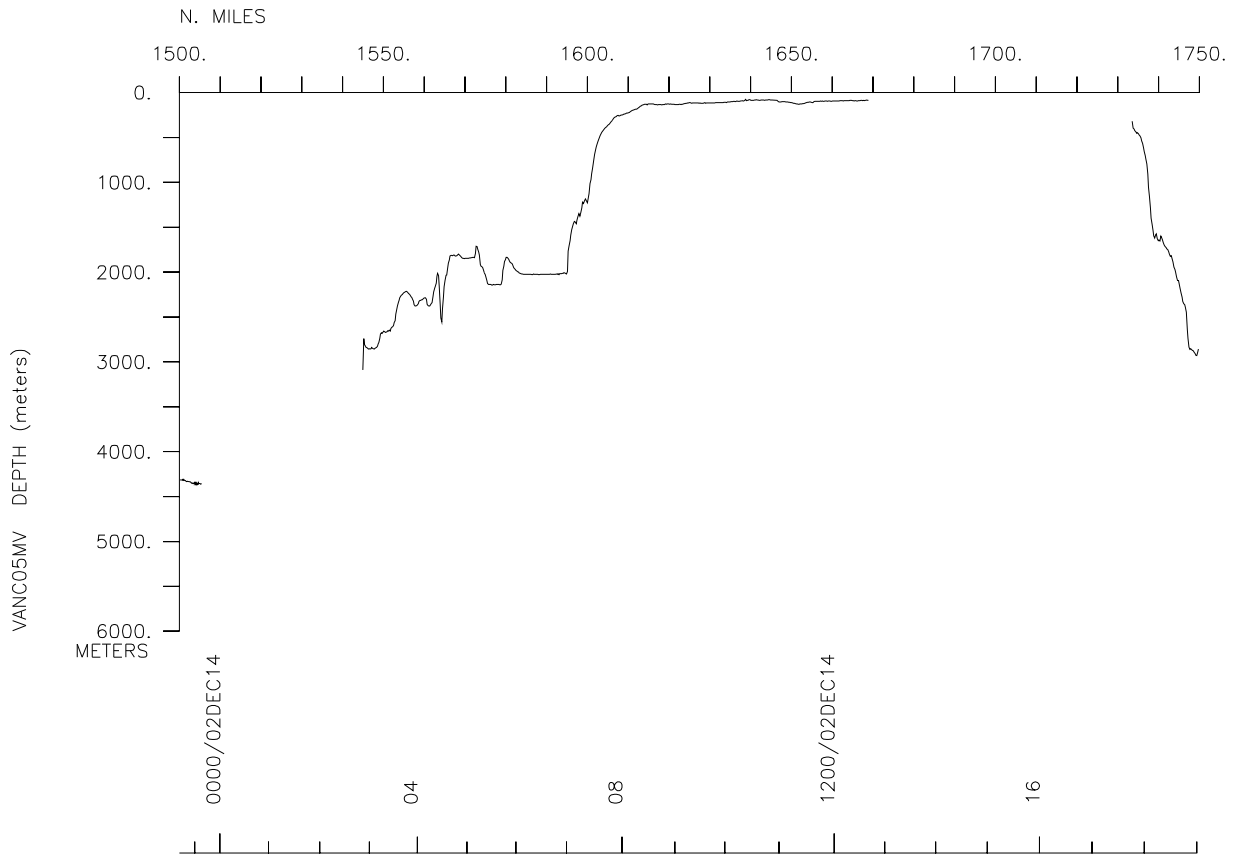
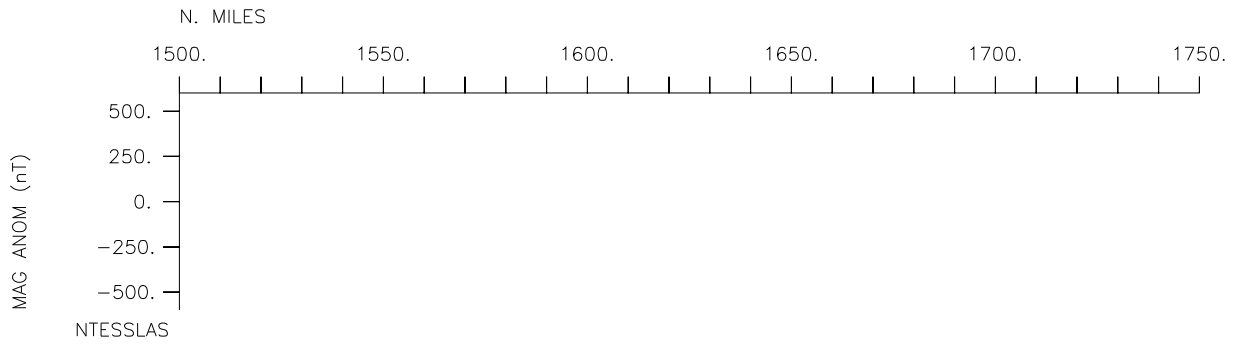
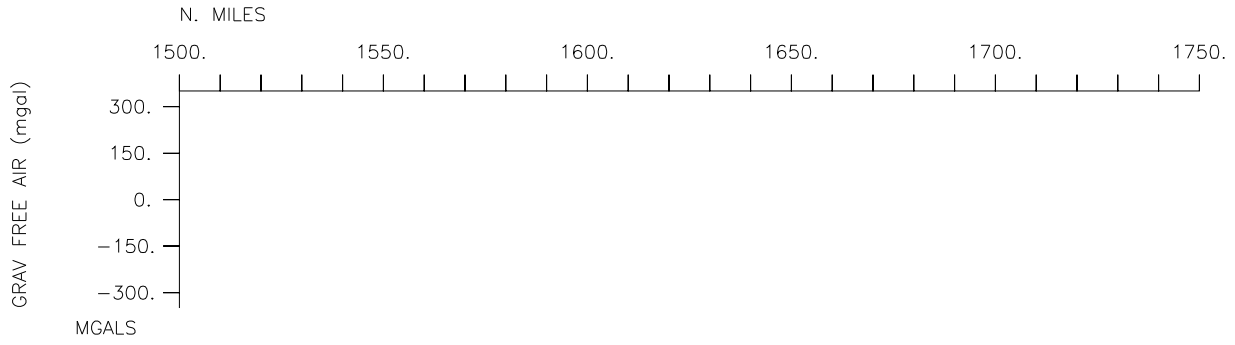


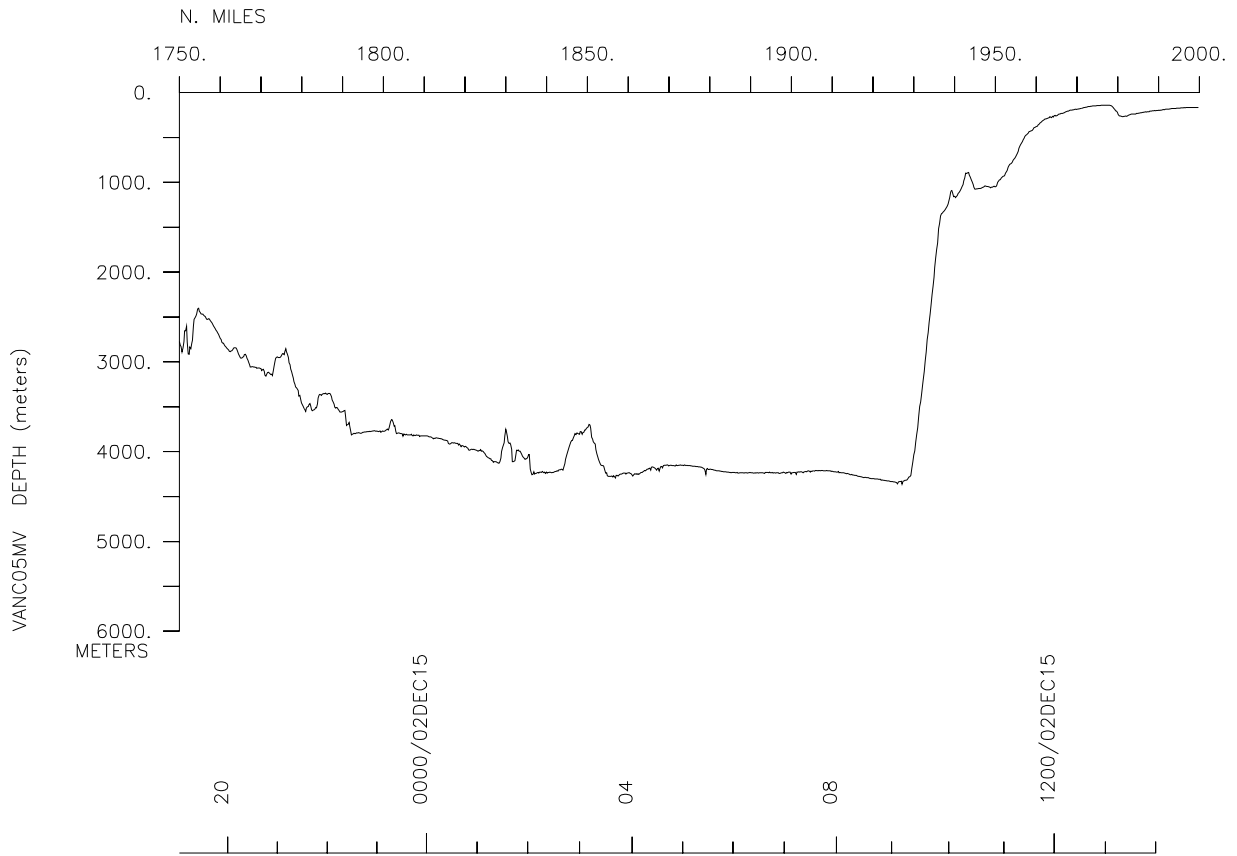
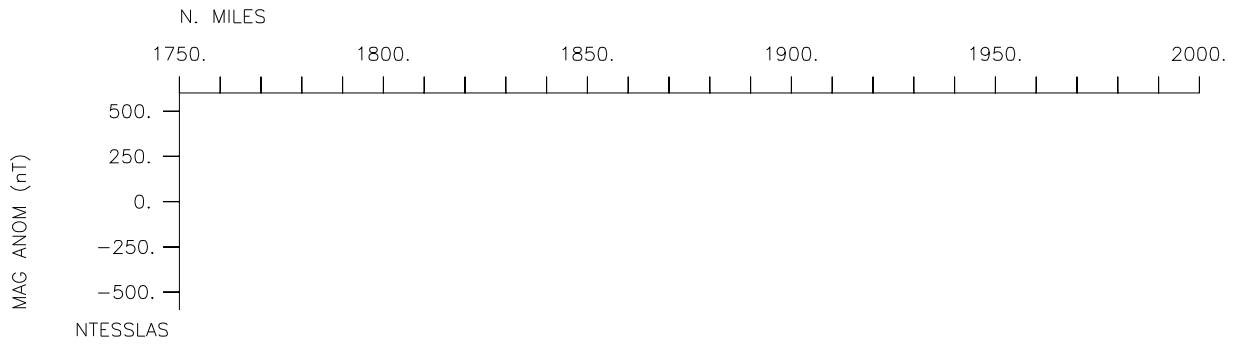
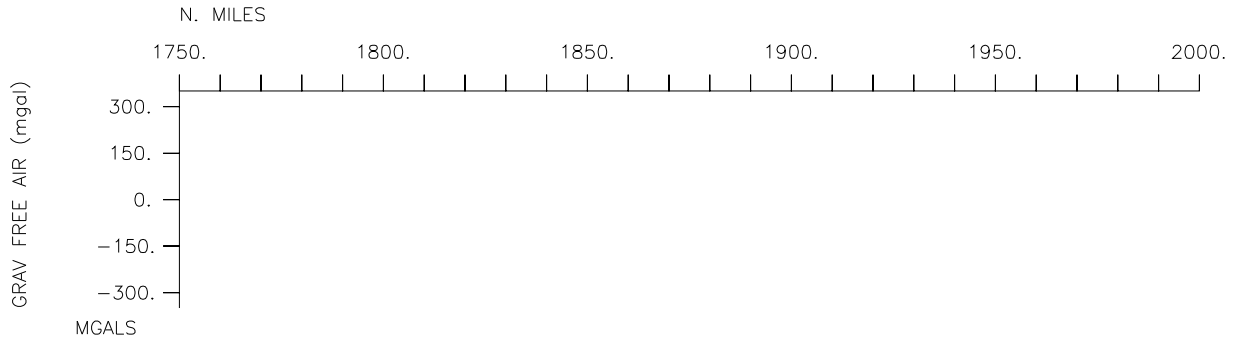


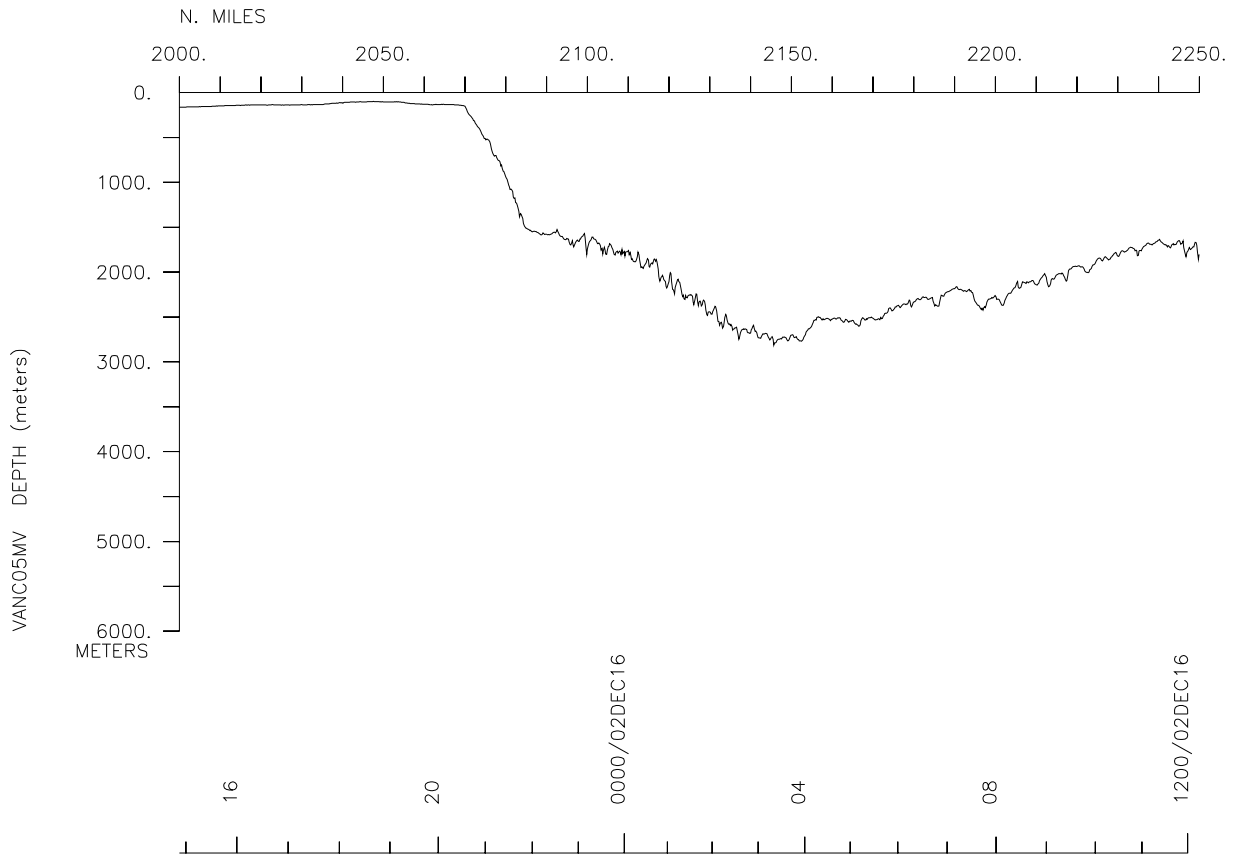
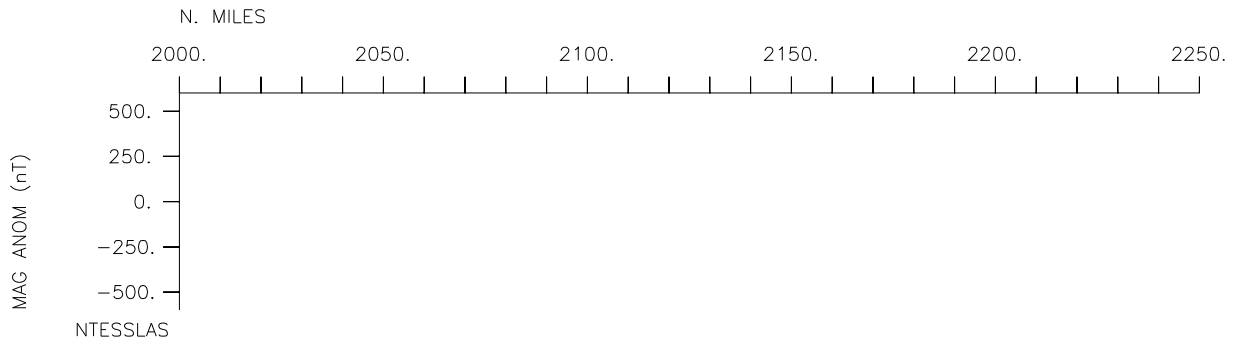
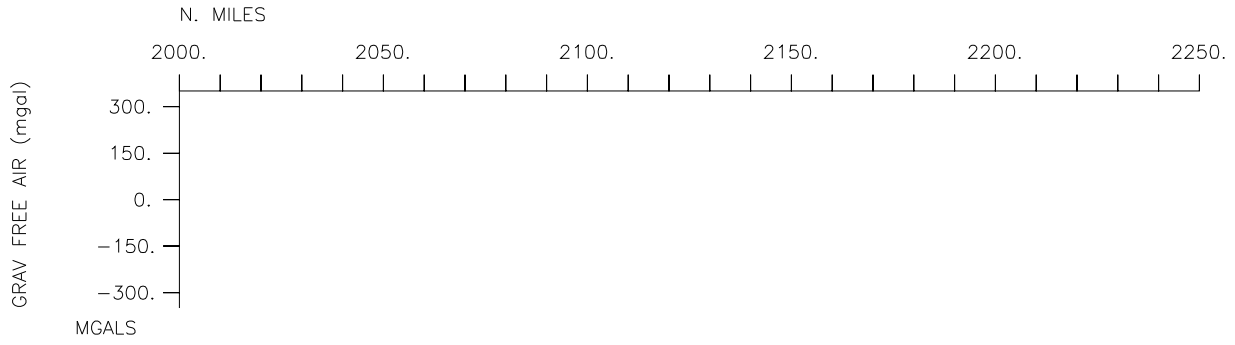


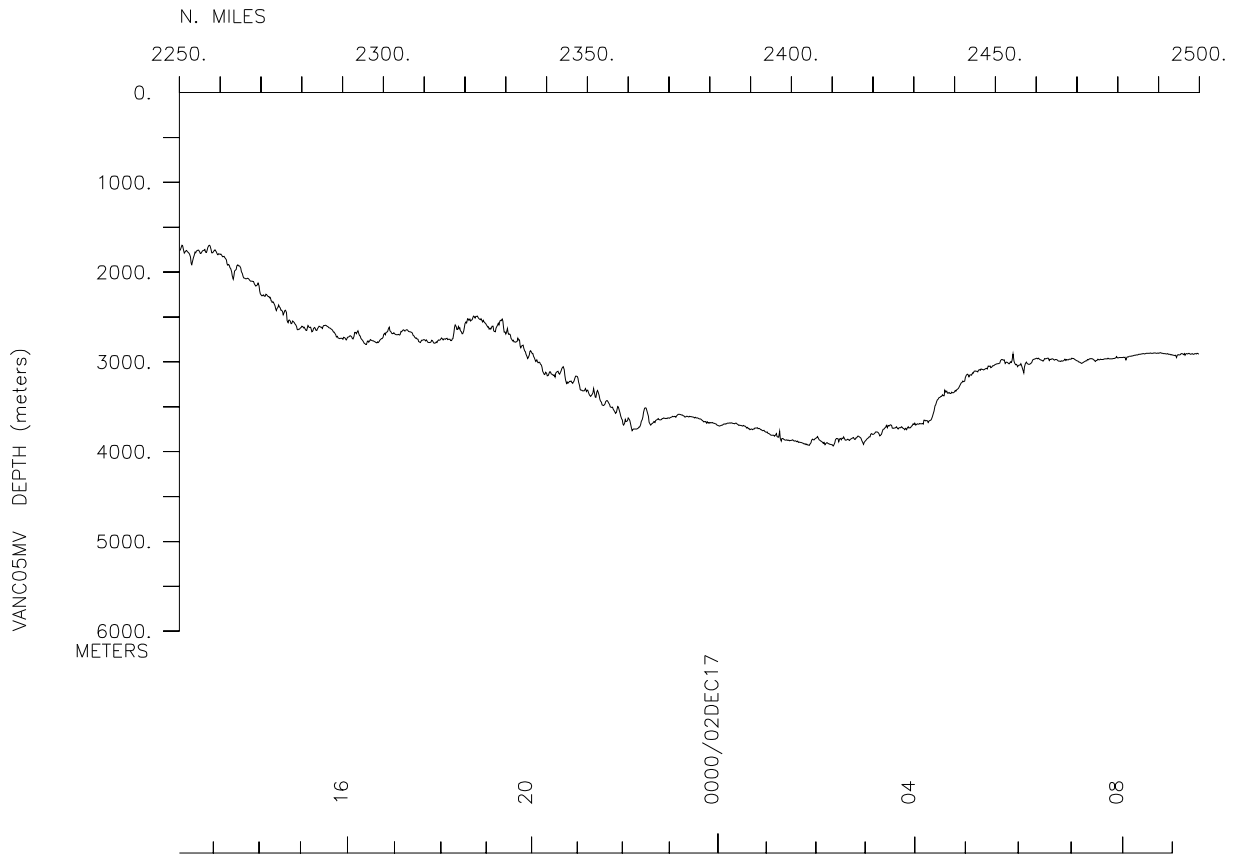
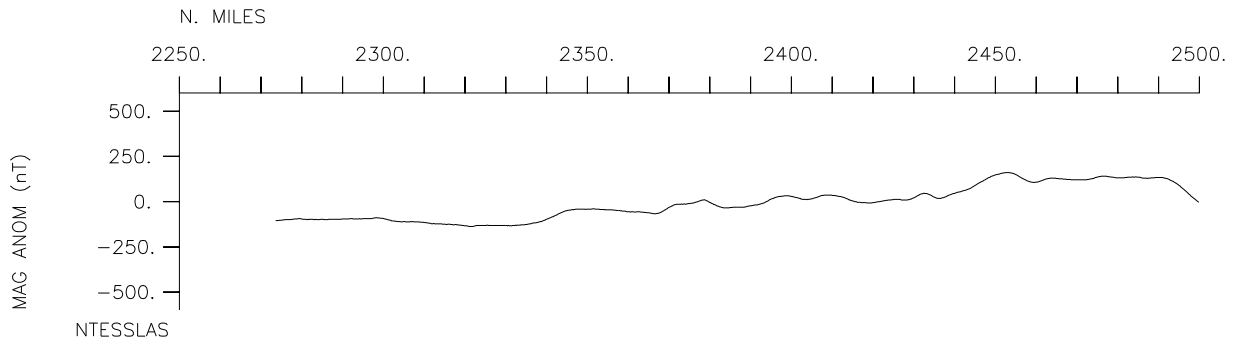
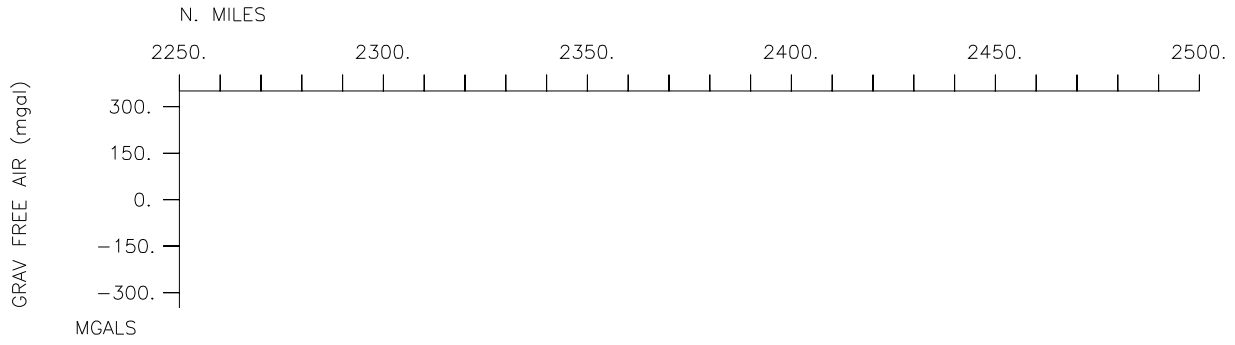


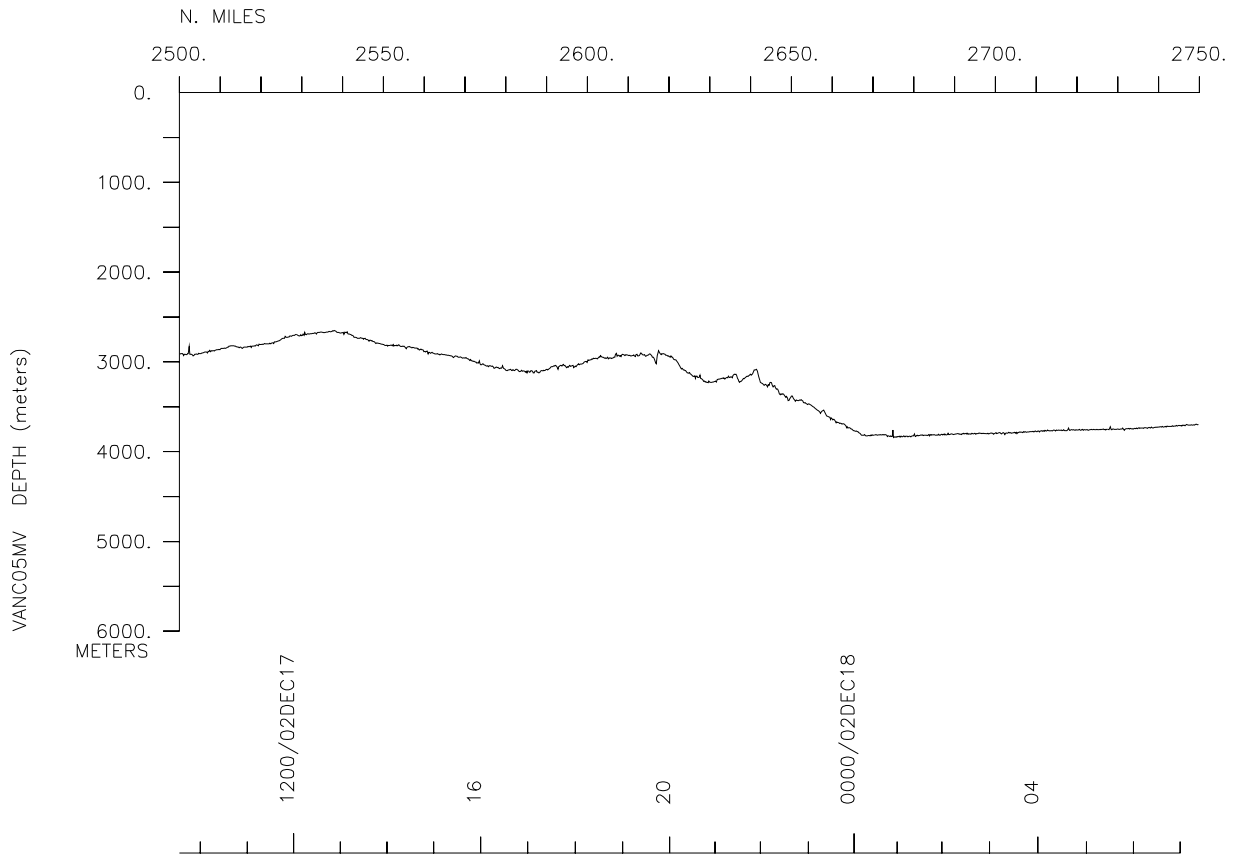
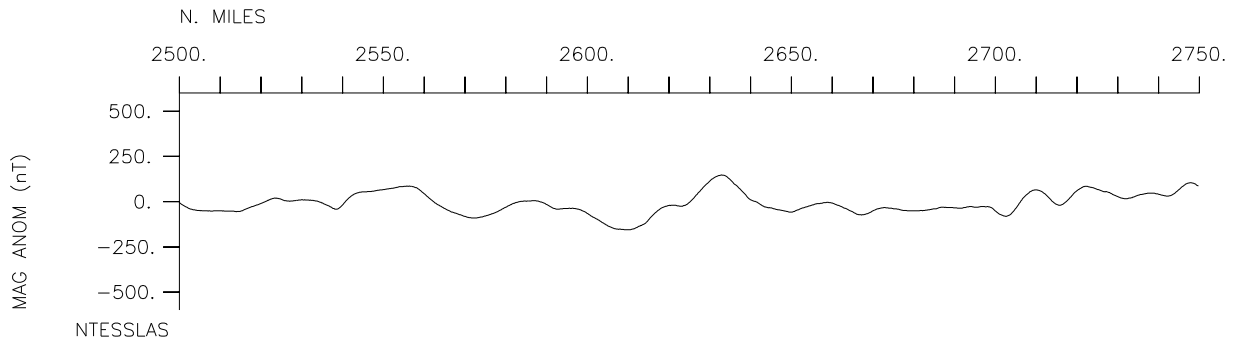
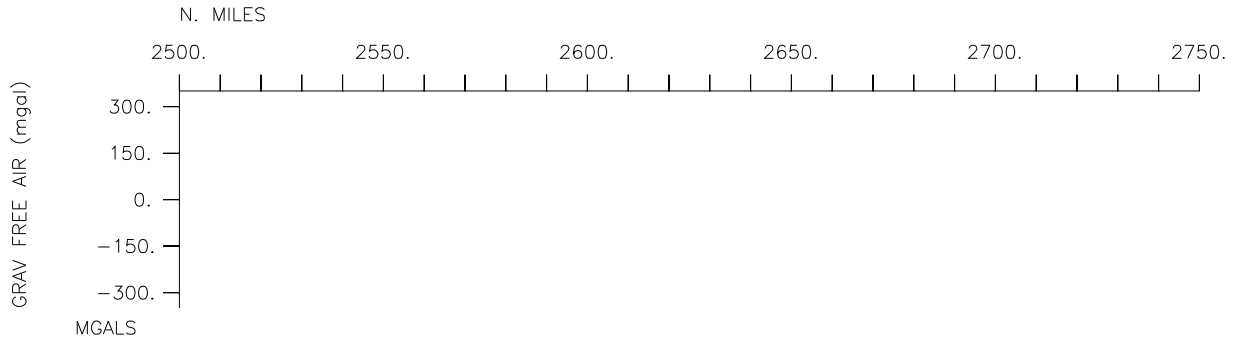


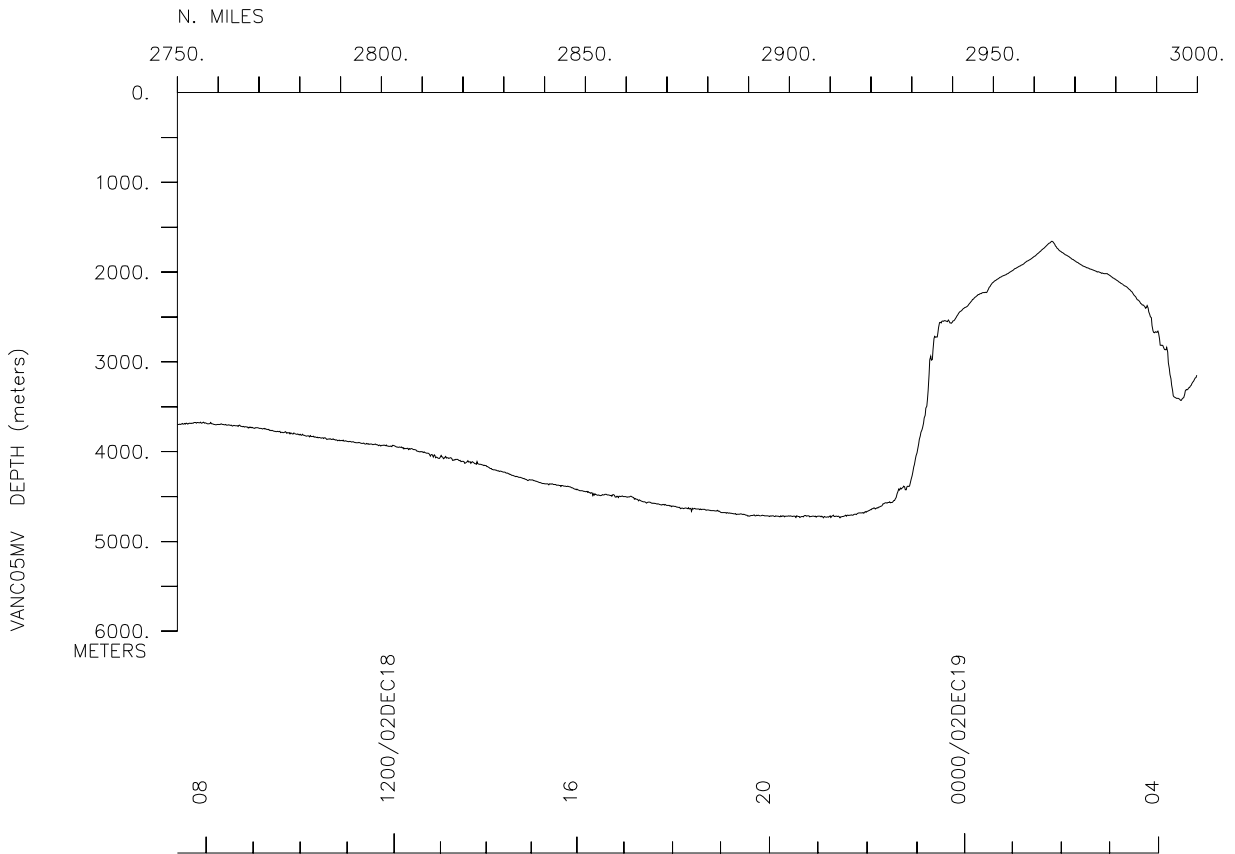
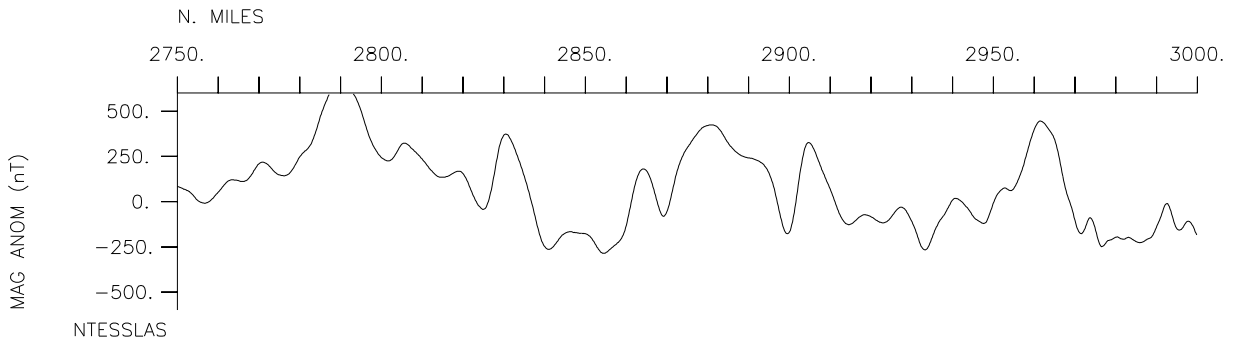
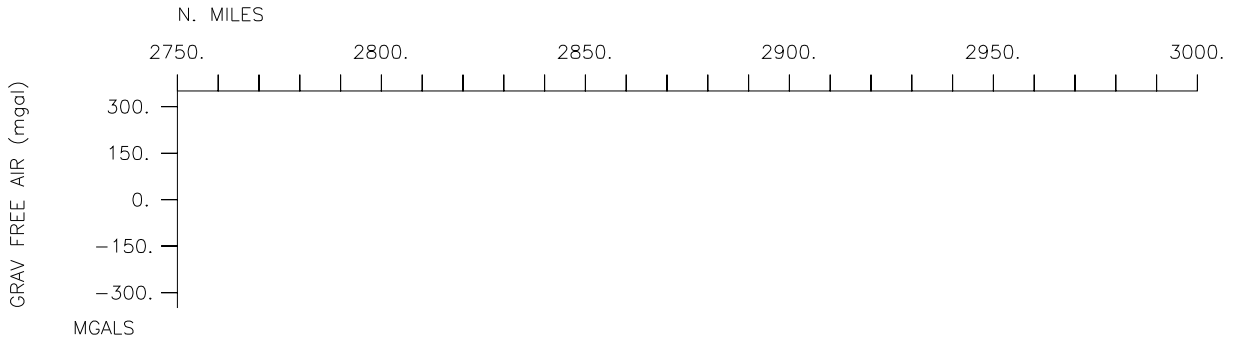


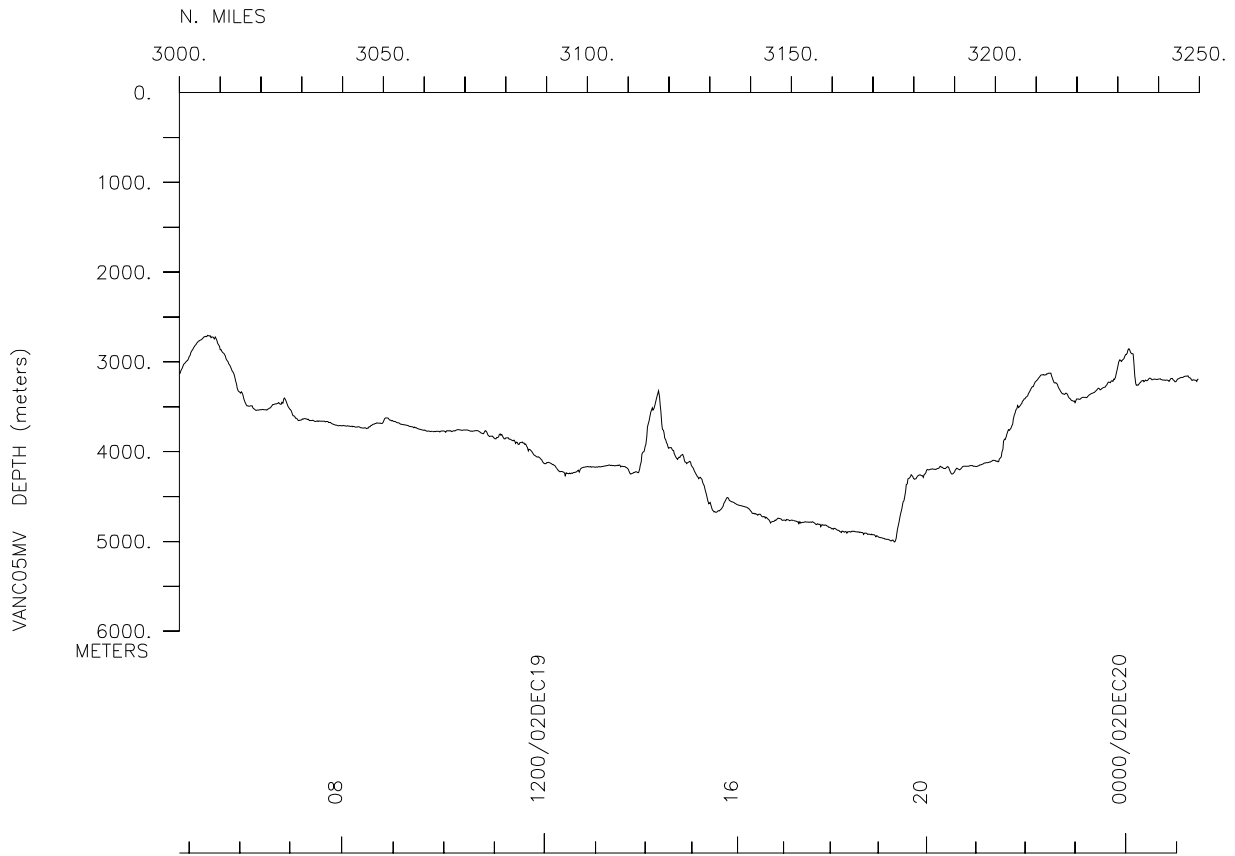
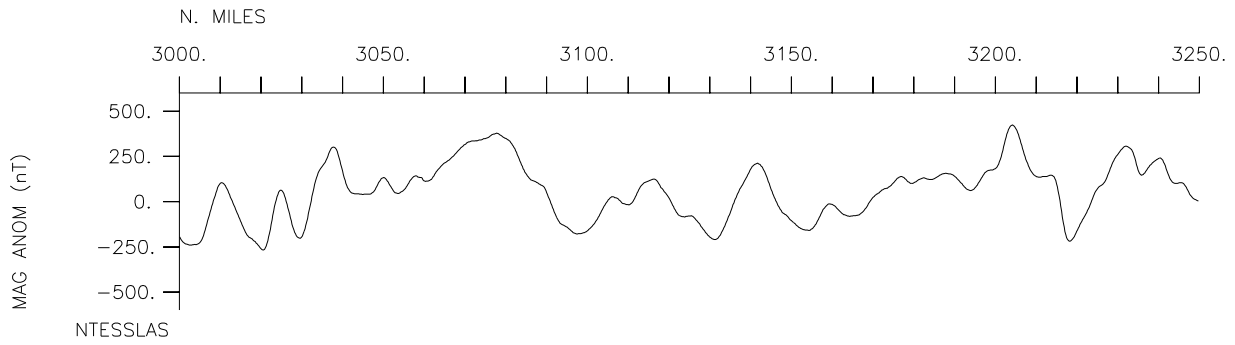
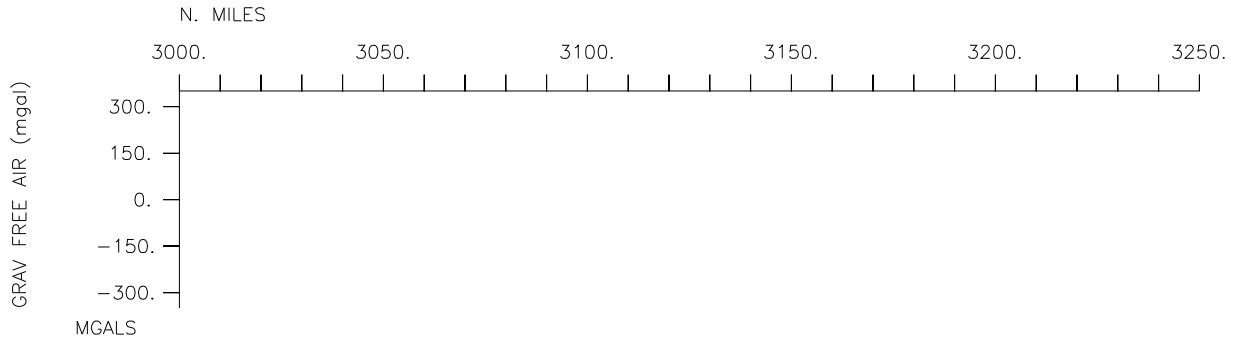


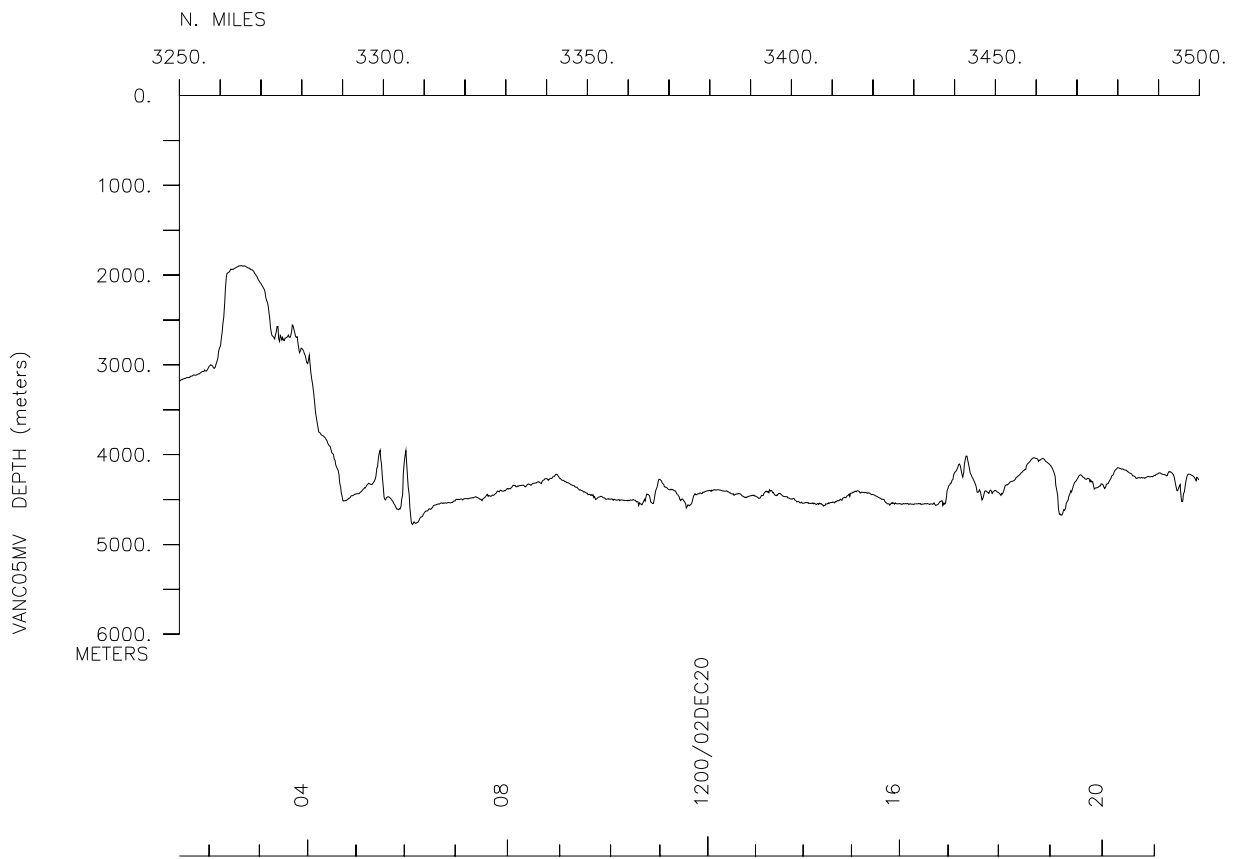
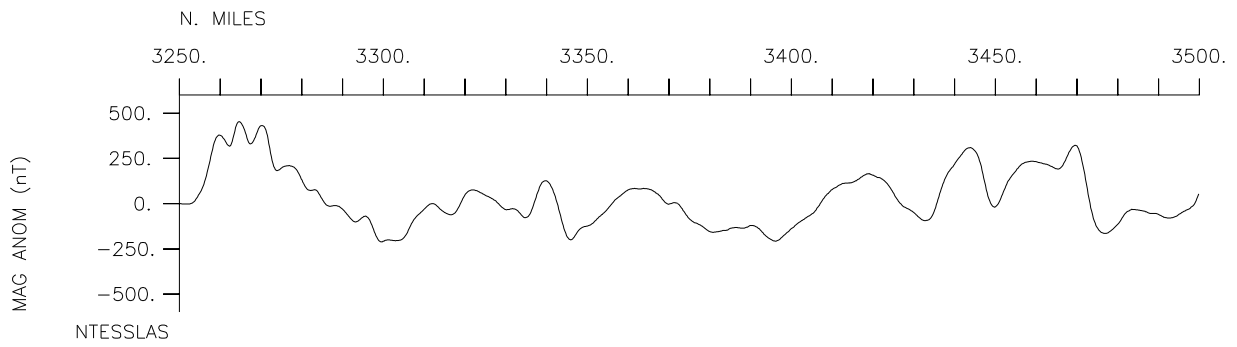
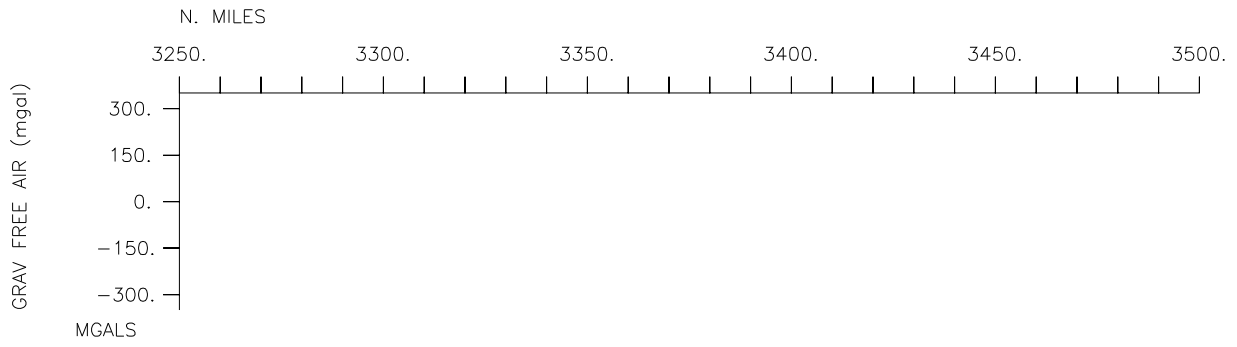


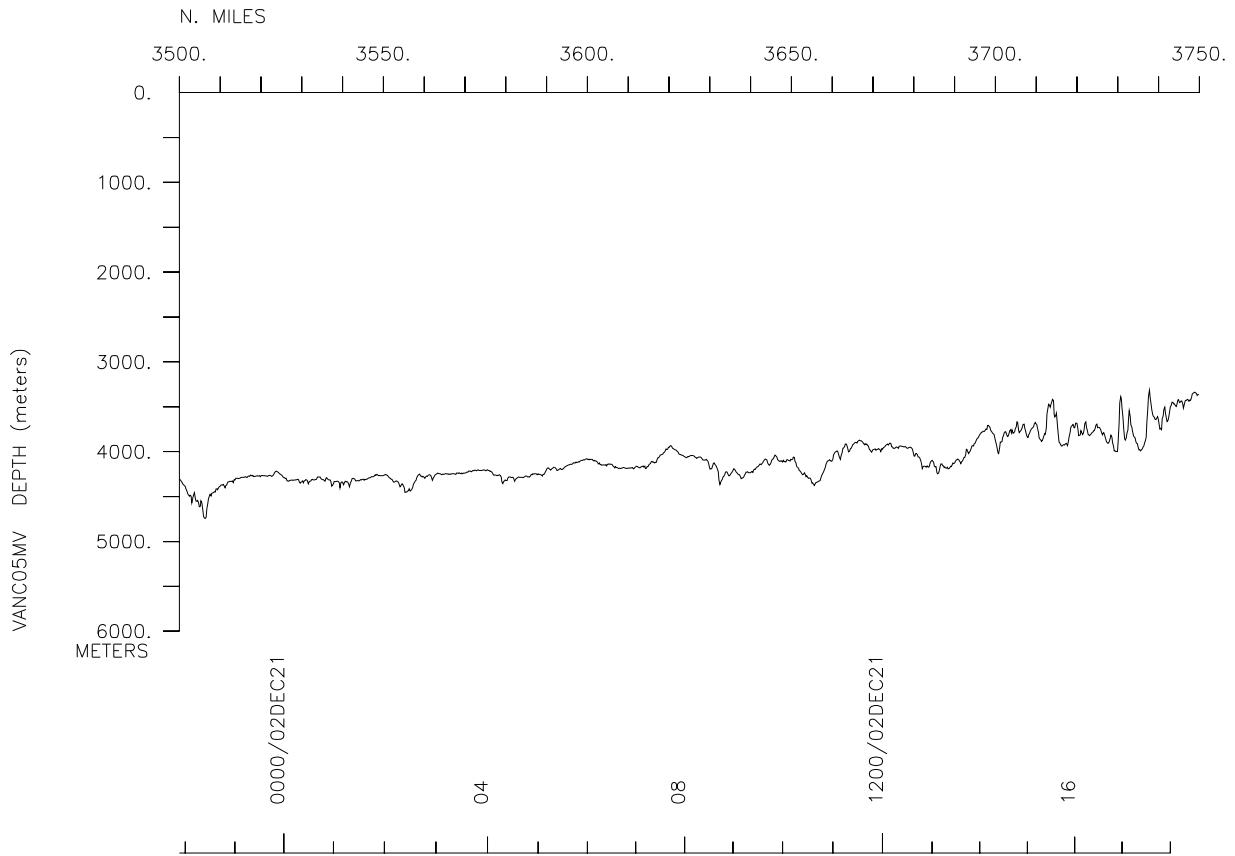
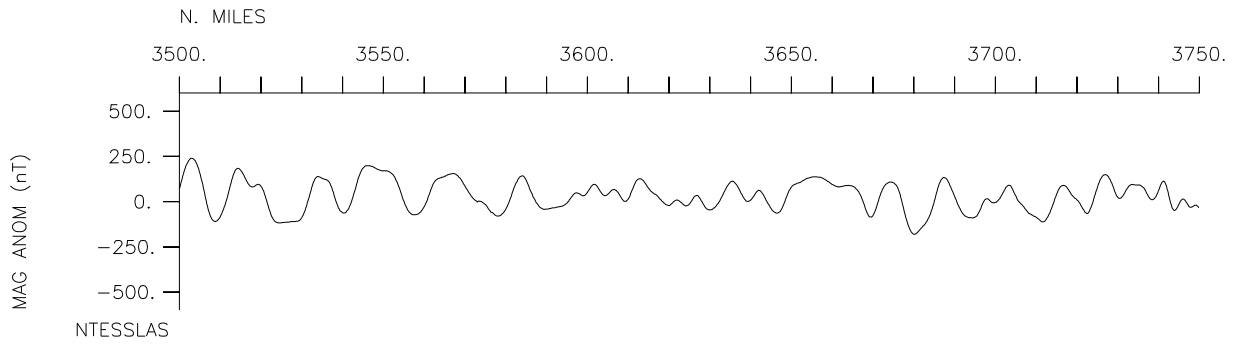
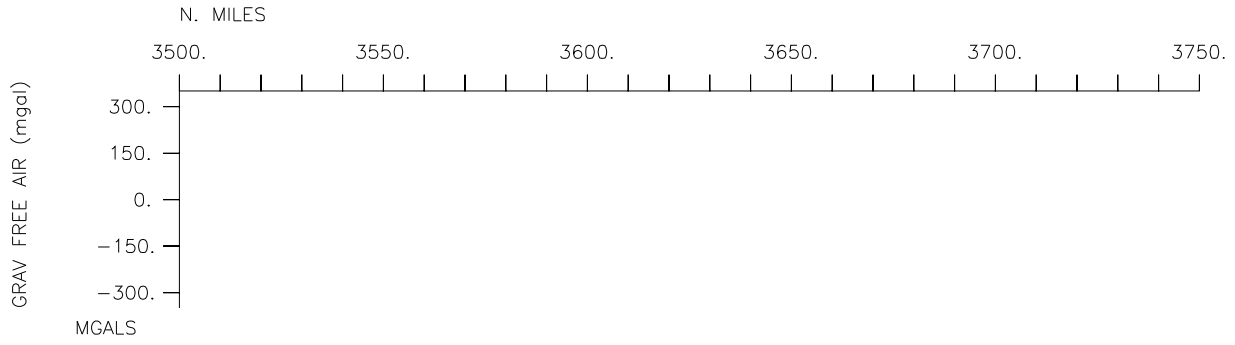


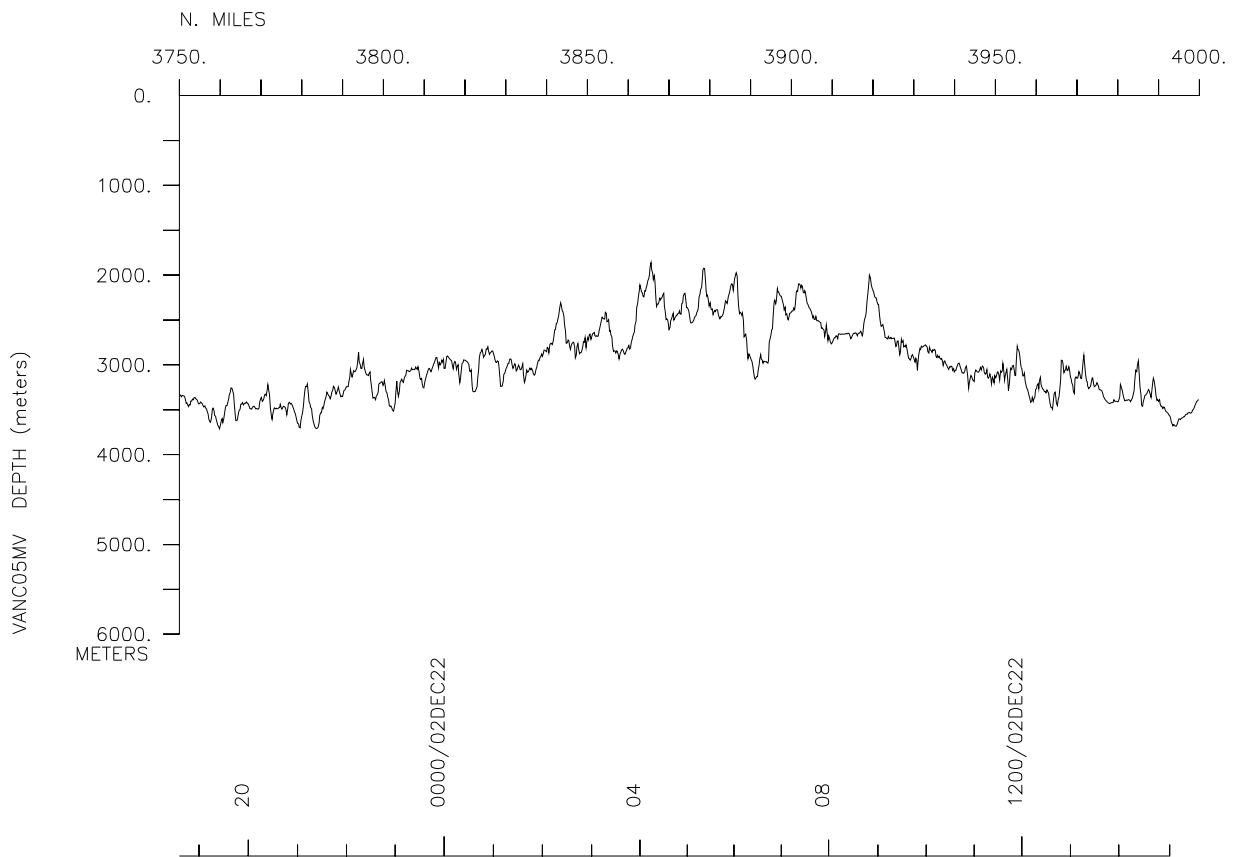
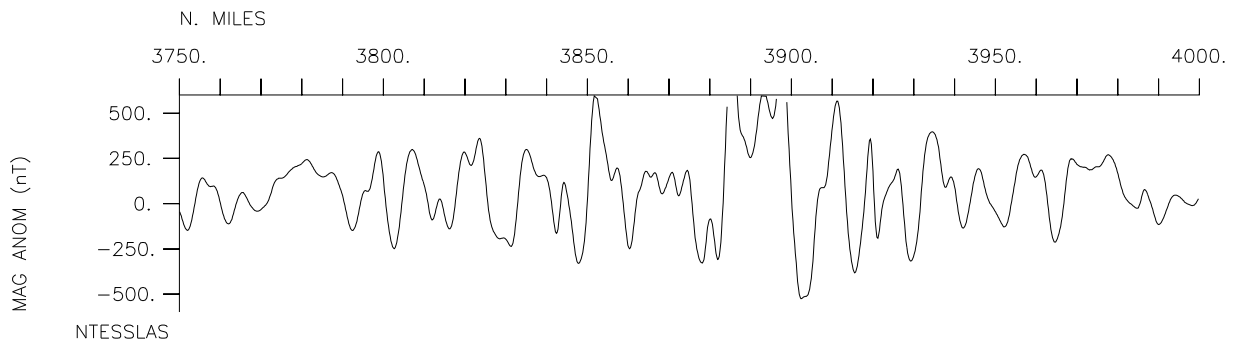
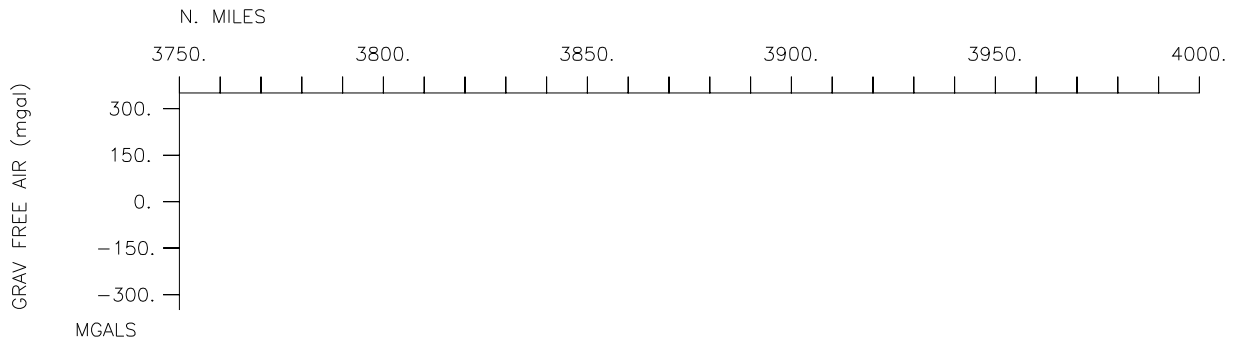


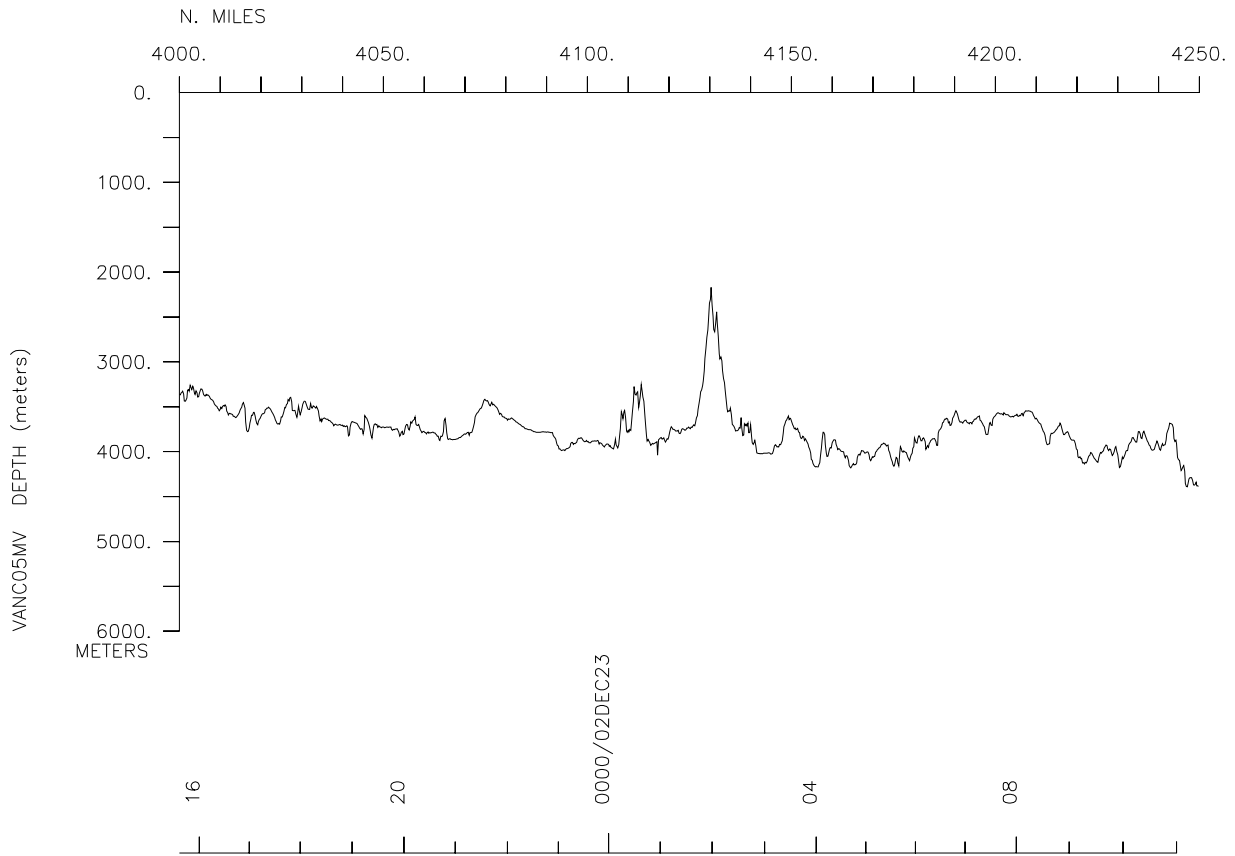
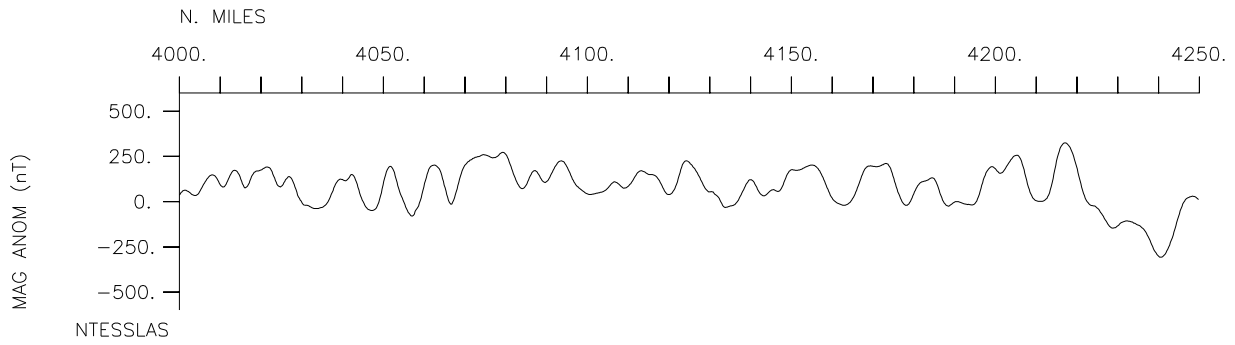
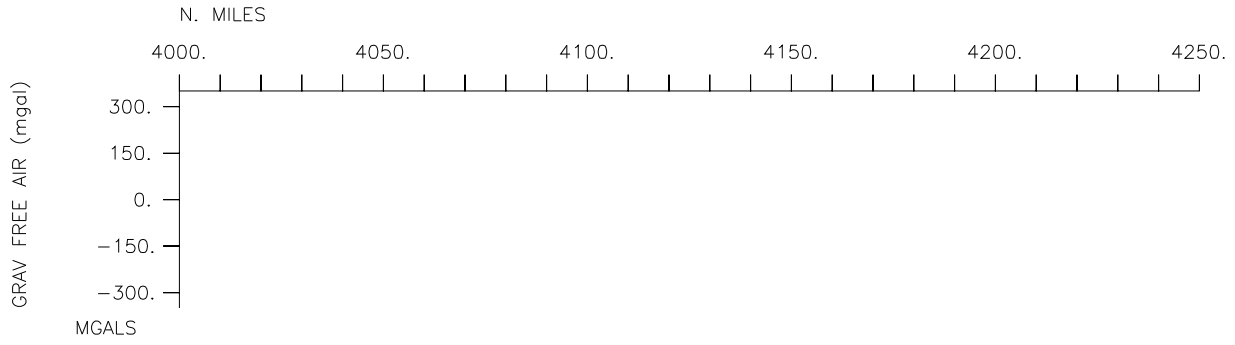


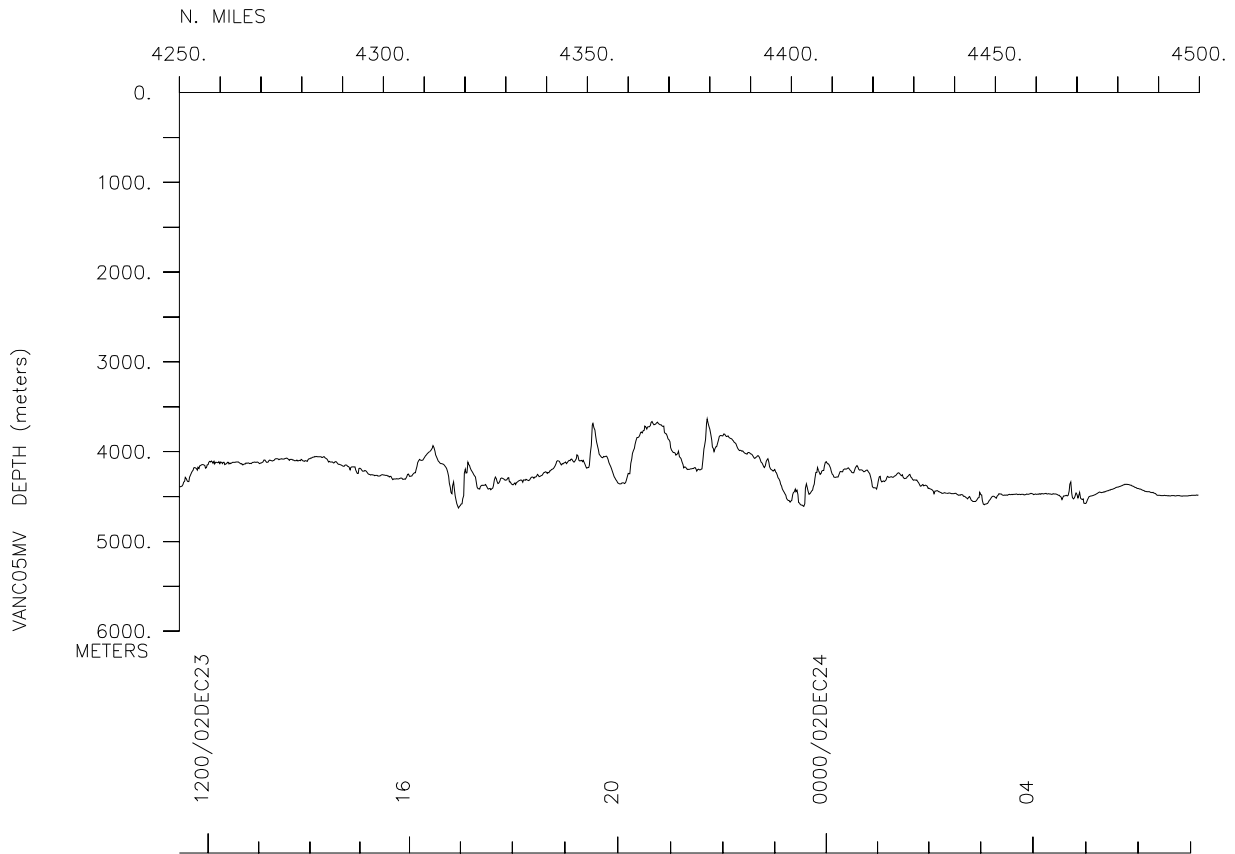
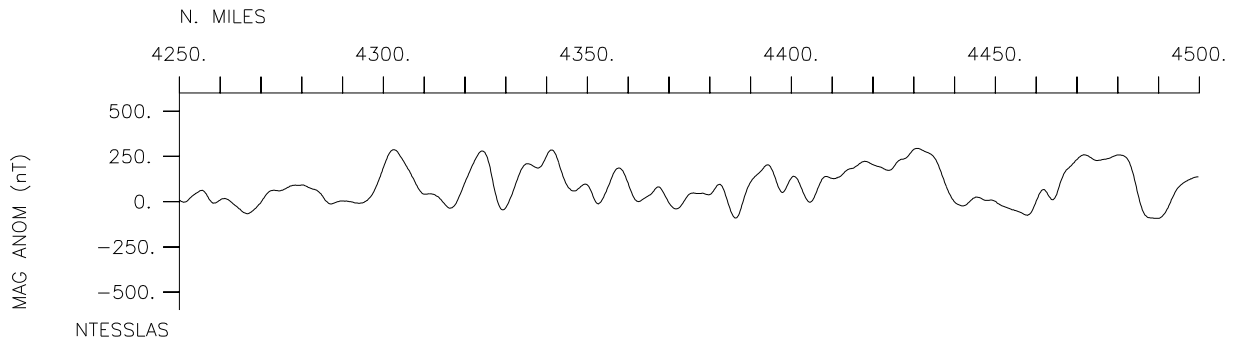
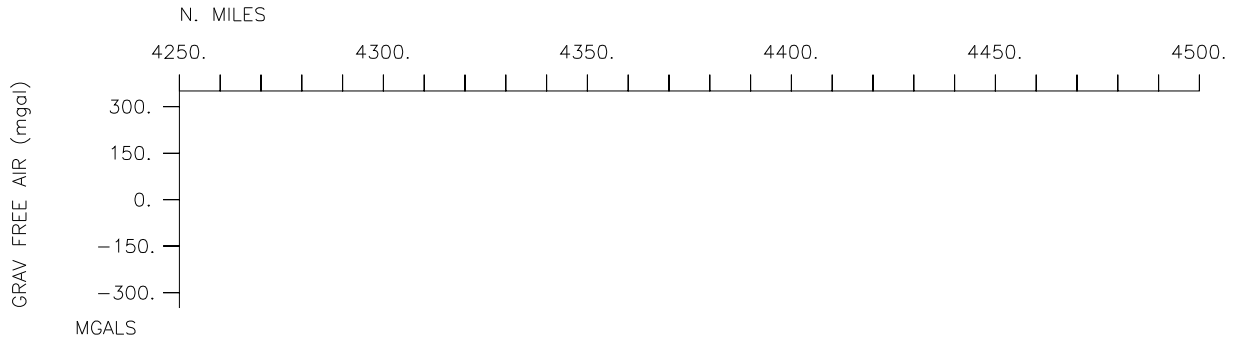


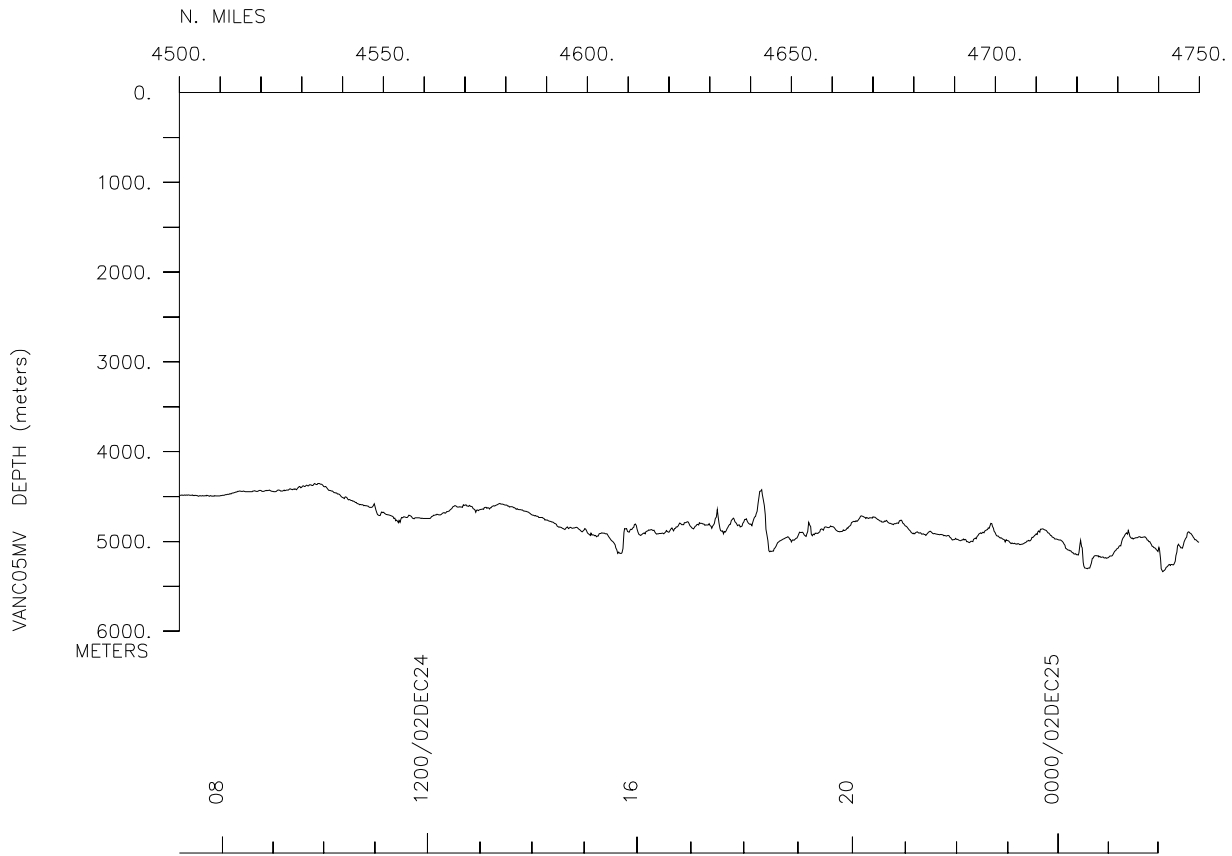
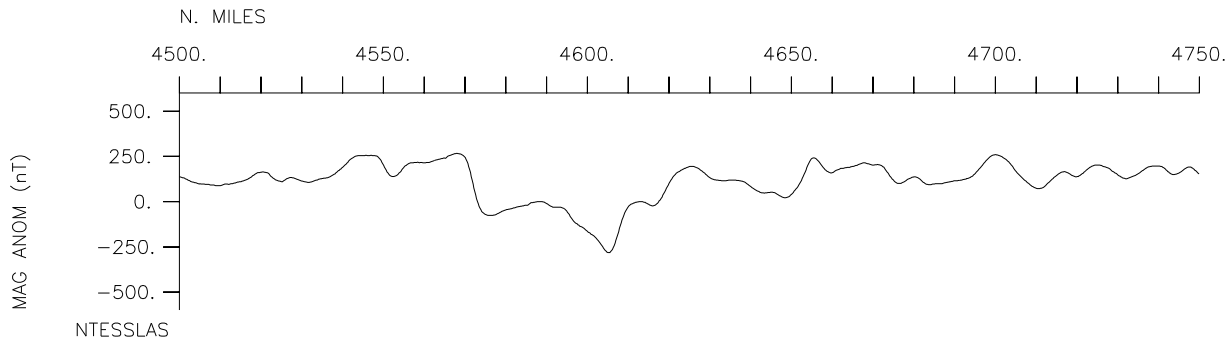
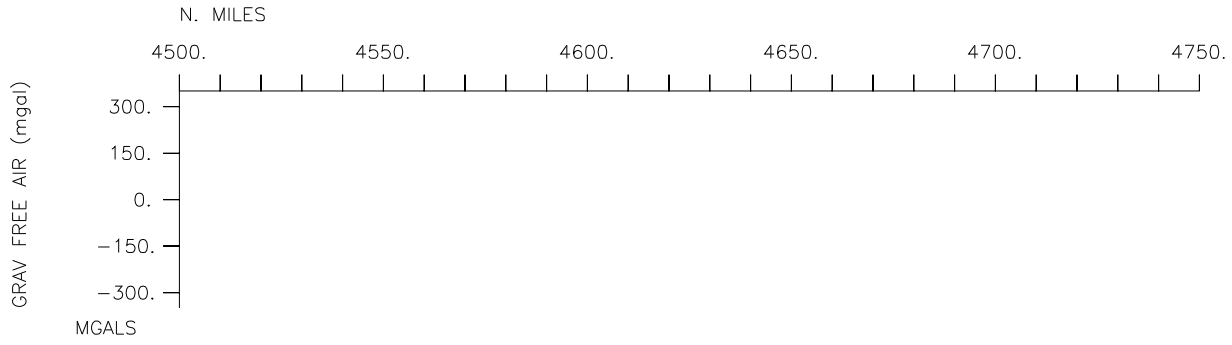


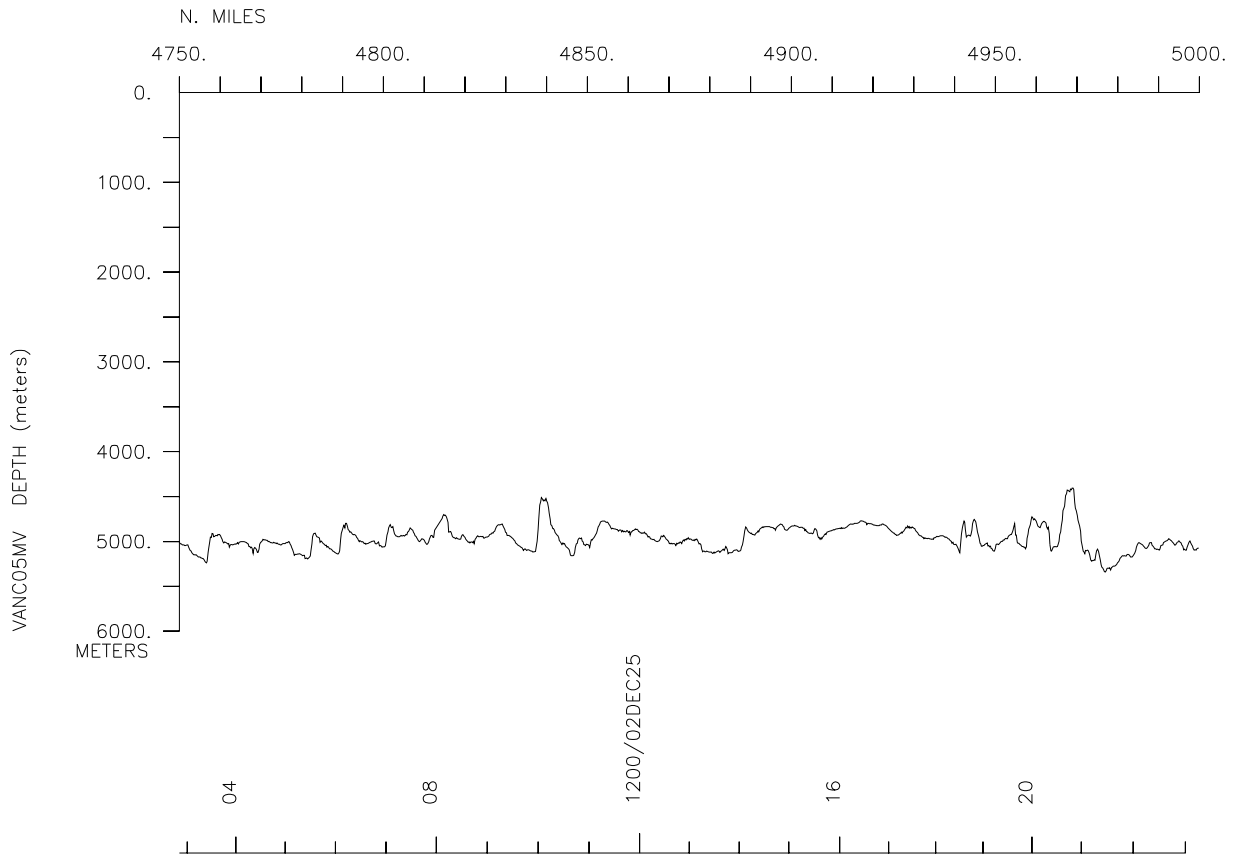
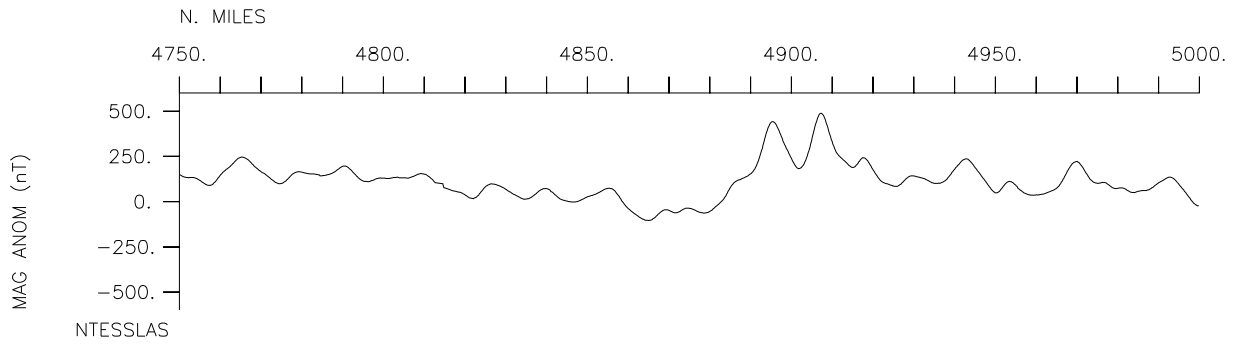
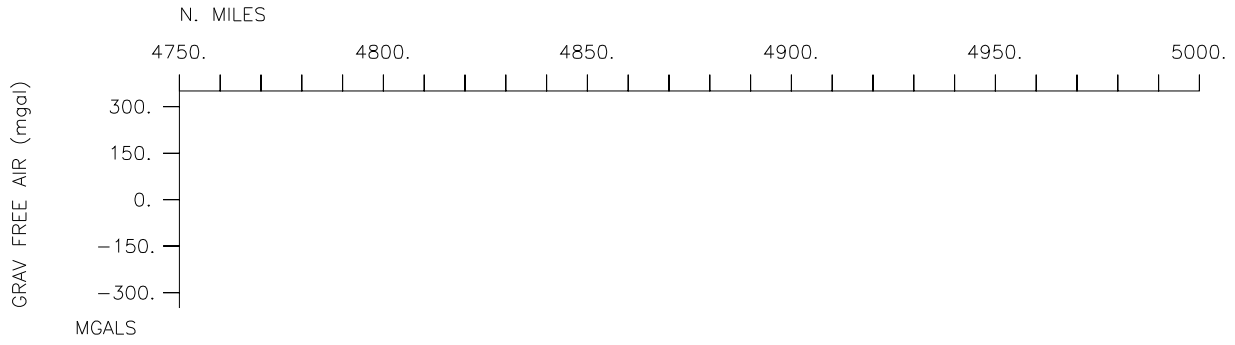


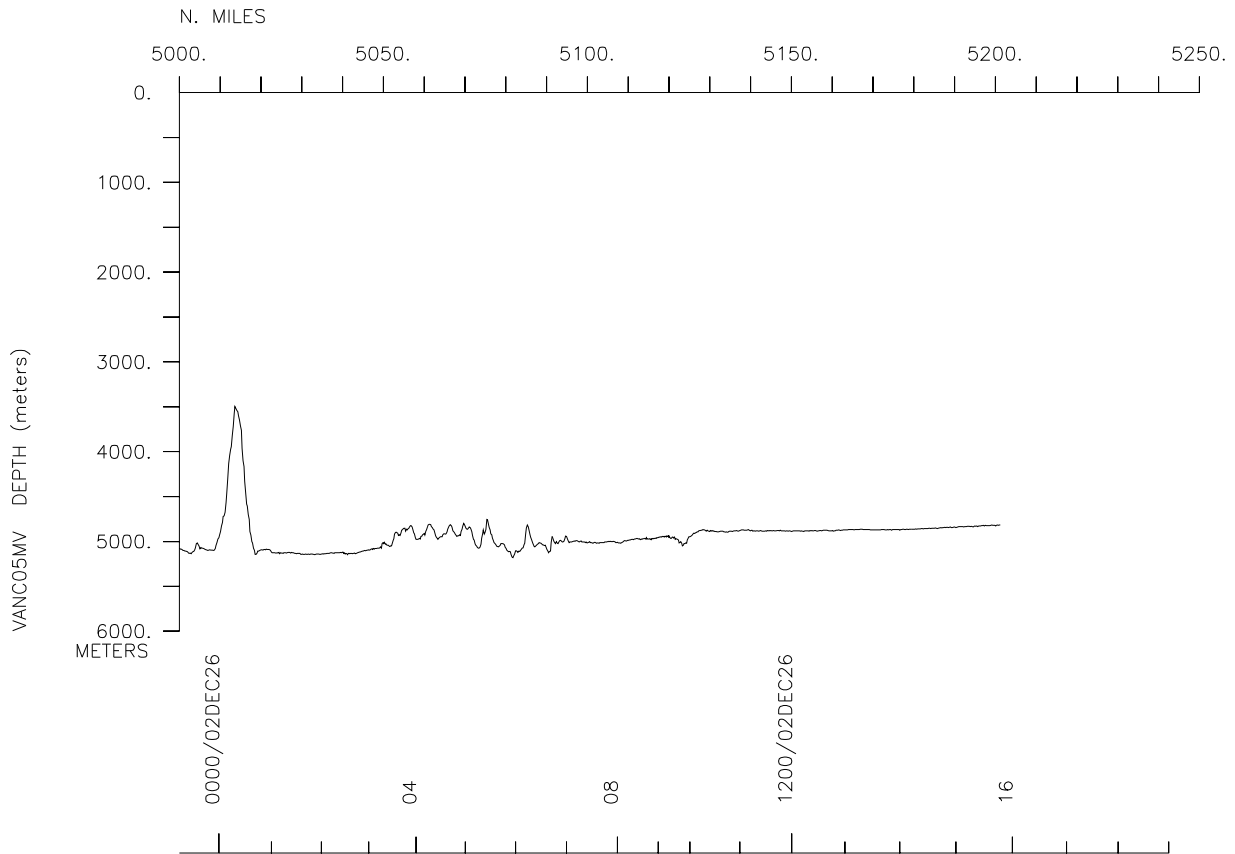
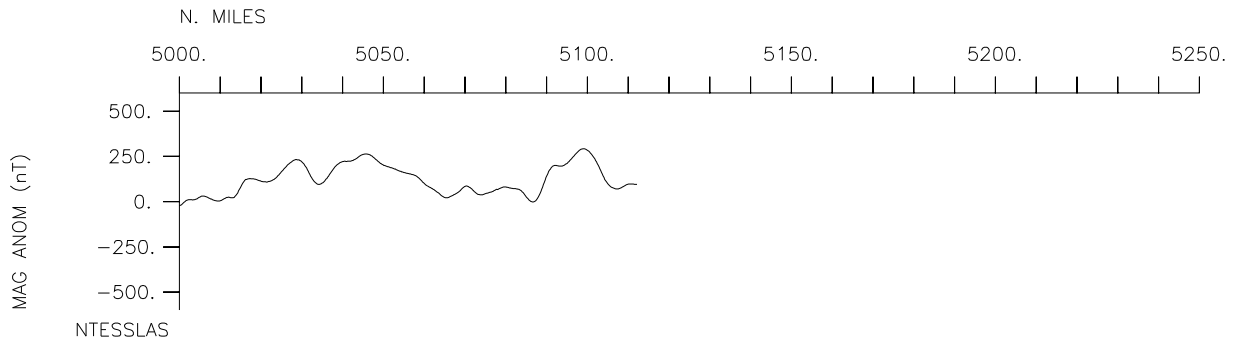
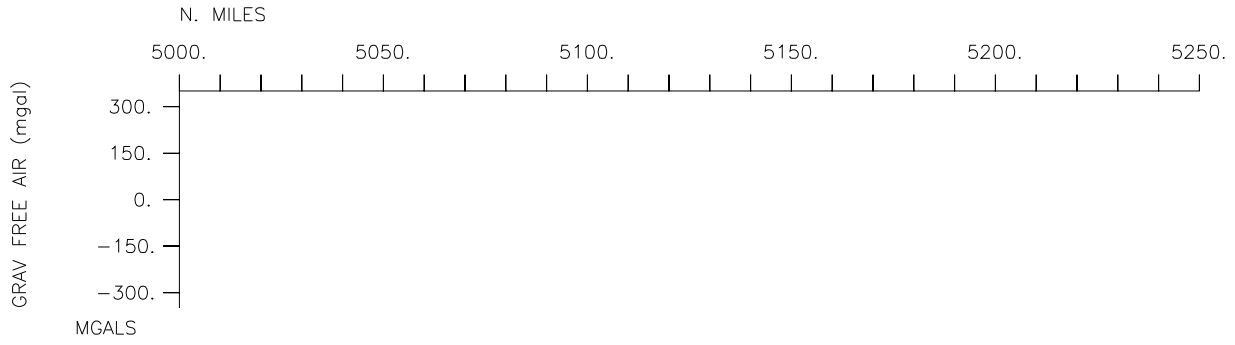


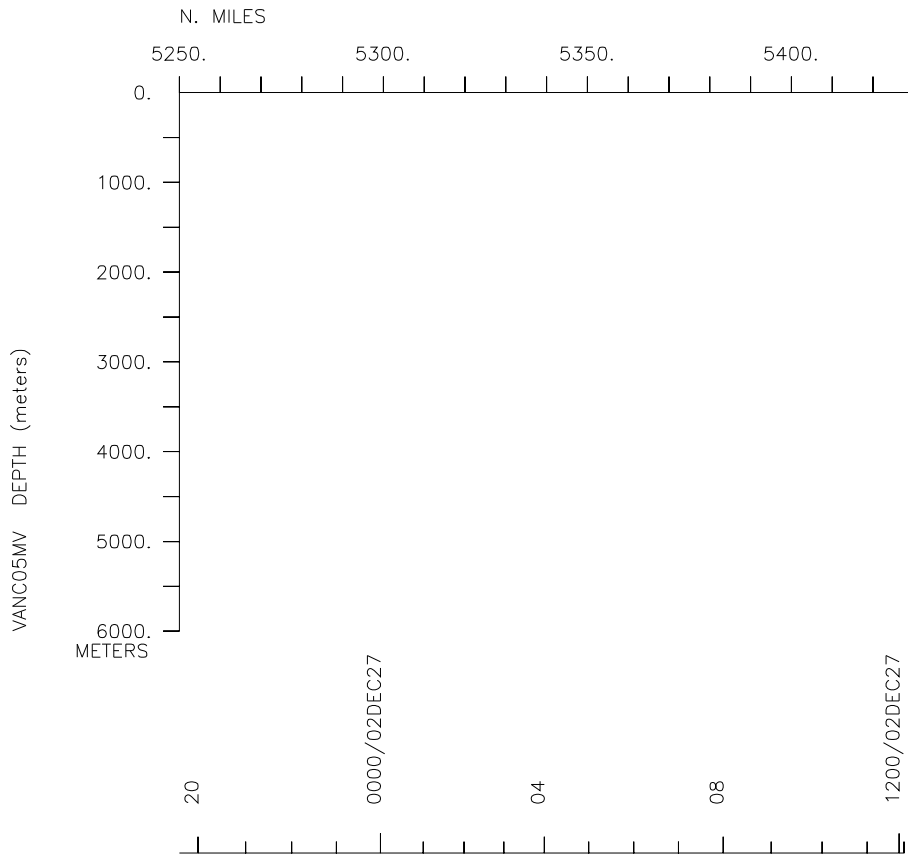
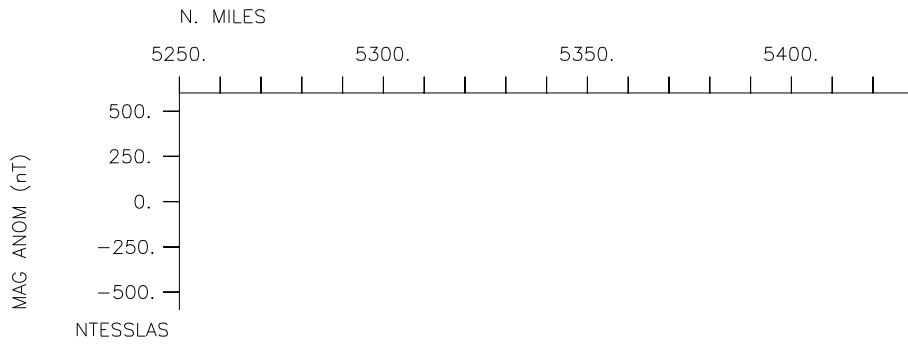
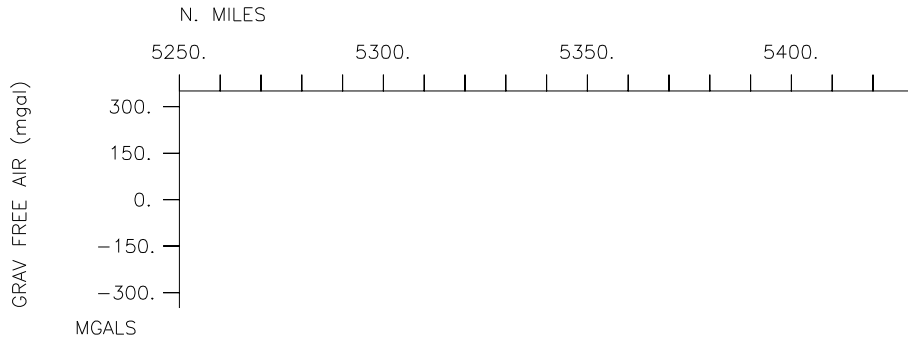












**** Ports ****

1920	081202	LGPT B	Valparaiso, Chile	33-02.00S	71-37.00W	f	VANC05MV
1245	281202	LGPT E	Cape Town, So.Africa	33-54.00S	18-26.00E	f	VANC05MV

**** Personnel ****

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
#---	-----	-----	-----	-----
PECT STS	Jacobson, D.	Computer tech	Scripps Institution	VANC05MV
PERT STS	Pillard, E.	Resident tech	Scripps Institution	VANC05MV

**** NOTES ****

#An 'X' in the (B)egin/(E)nd column following the sample code indicates no
 #sample or data recovered. A 'C' indicates continuation of data collection
 #from before the beginning or after the end of a particular leg, (moored
 #bottom instruments, for example.) The number appearing in the columns
 #between the sample identifier and the disposition code, for many sample
 #entries, is the water depth in corrected meters.

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP			p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE	c	LEG-SHIP
#-----	--	-----	-----	-----	-----	-----	-----	-	-----

**** Underway Data Curator - Shipboard Technical Support Group ext.41899 ****
 **** Digital Data Curator - Geological Data Center, S.P. Miller, ext.41898 ****

**** MultiBeam Data (vertical beam and side scan) ****

2221	081202	0	MBSR B	v.beam & sidescan	GDC	33-18.67S	71-59.50W	g	VANC05MV
1547	261202	0	MBSR E	v.beam & sidescan	GDC	36-17.20S	14-58.70E	g	VANC05MV

**** Digital Magnetics (Earth Total Field) ****

1428	161202	0	MGDD B	digital magnetics	GDC	53-09.16S	51-37.30W	g	VANC05MV
0823	261202	0	MBDD E	digital magnetics	GDC	37-13.97S	13-33.19E	g	VANC05MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	---	-----	-----	-----	-----	-----	-----	-----	---	-----

*** Integrated Meteorological Acquisition System ***

1920	081202	0	IMET	B	Weather measurements	GDC	33-02.13S	71-37.48W	g	VANC05MV
1246	271202	0	IMET	E	Weather measurements	GDC	33-54.21S	18-25.39E	g	VANC05MV

*** Acoustic Doppler Current Profiler ***

1920	081202	0	ADCP	B	Current measurements	GDC	33-02.13S	71-37.48W	g	VANC05MV
1246	271202	0	ADCP	E	Current measurements	GDC	33-54.21S	18-25.39E	g	VANC05MV

*** Expendable Bathythermographs ***

2256	081202	0	BTXP	MK21	# 87 Fast_Deep	GDC	33-24.60S	72-02.89W	g	VANC05MV
2057	091202	0	BTXP	MK21	# 88 Fast_Deep	GDC	37-17.45S	73-57.55W	g	VANC05MV
1933	101202	0	BTXP	MK21	# 89 Fast_Deep	GDC	41-43.52S	74-55.21W	g	VANC05MV
2151	111202	0	BTXP	MK21	# 90 Fast_Deep	GDC	47-00.43S	76-00.53W	g	VANC05MV
1205	131202	0	BTXP	MK21	# 91 Fast_Deep	GDC	54-50.89S	73-17.11W	g	VANC05MV
1221	131202	0	BTXP	MK21	# 92 Fast_Deep	GDC	54-52.48S	73-11.96W	g	VANC05MV
1812	141202	0	BTXP	MK21	# 93 Fast_Deep	GDC	55-58.03S	66-13.04W	g	VANC05MV
2218	151202	0	BTXP	MK21	# 94 Fast_Deep	GDC	54-07.92S	56-31.06W	g	VANC05MV
1818	161202	0	BTXP	MK21	# 95 Fast_Deep	GDC	52-55.13S	50-28.15W	g	VANC05MV
1828	161202	0	BTXP	MK21	# 96 Fast_Deep	GDC	52-54.54S	50-25.24W	g	VANC05MV
1024	181202	0	BTXP	MK21	# 97 Fast_Deep	GDC	51-47.25S	38-08.63W	g	VANC05MV
1043	191202	0	BTXP	MK21	# 98 Fast_Deep	GDC	51-28.33S	30-28.77W	g	VANC05MV
1000	201202	0	BTXP	MK21	# 99 Fast_Deep	GDC	50-49.50S	23-08.85W	g	VANC05MV
1057	211202	0	BTXP	MK21	#100 Fast_Deep	GDC	49-24.40S	15-33.87W	g	VANC05MV
1000	221202	0	BTXP	MK21	#101 Fast_Deep	GDC	47-45.98S	9-07.83W	g	VANC05MV
1250	231202	0	BTXP	MK21	#102 Fast_Deep	GDC	45-16.43S	1-52.92W	g	VANC05MV
1316	241202	0	BTXP	MK21	#103 Fast_Deep	GDC	42-34.61S	4-13.90E	g	VANC05MV
1020	251202	0	BTXP	MK21	#104 Fast_Deep	GDC	40-00.68S	9-01.21E	g	VANC05MV
1115	251202	0	BTXP	MK21	#105 Fast_Deep	GDC	39-54.03S	9-13.19E	g	VANC05MV

#					End Sample Index					VANC05MV
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