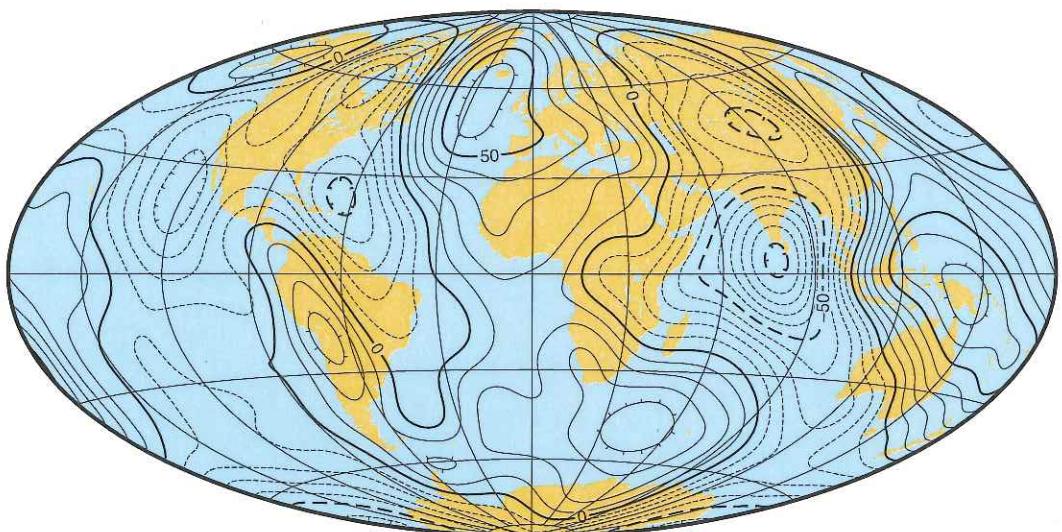
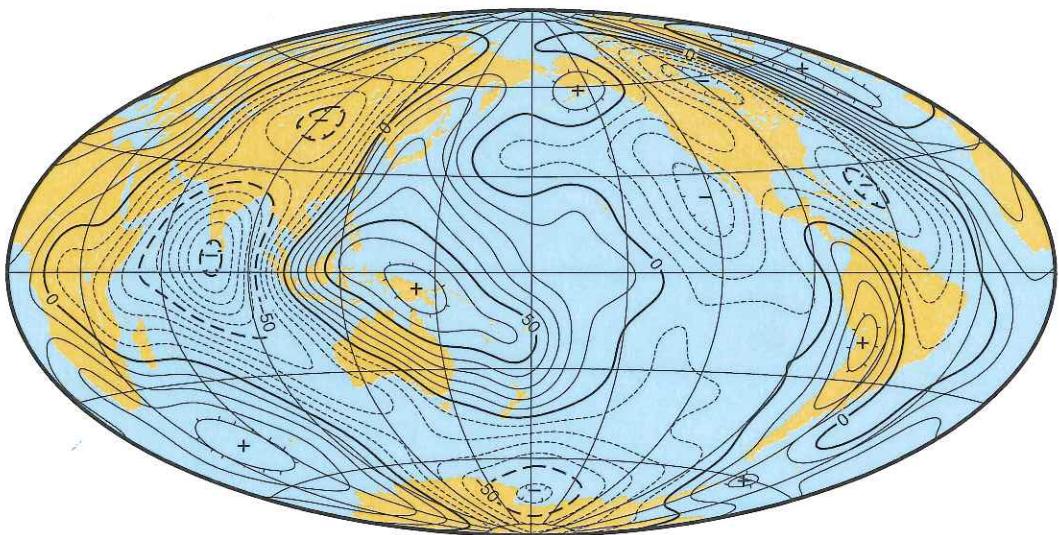


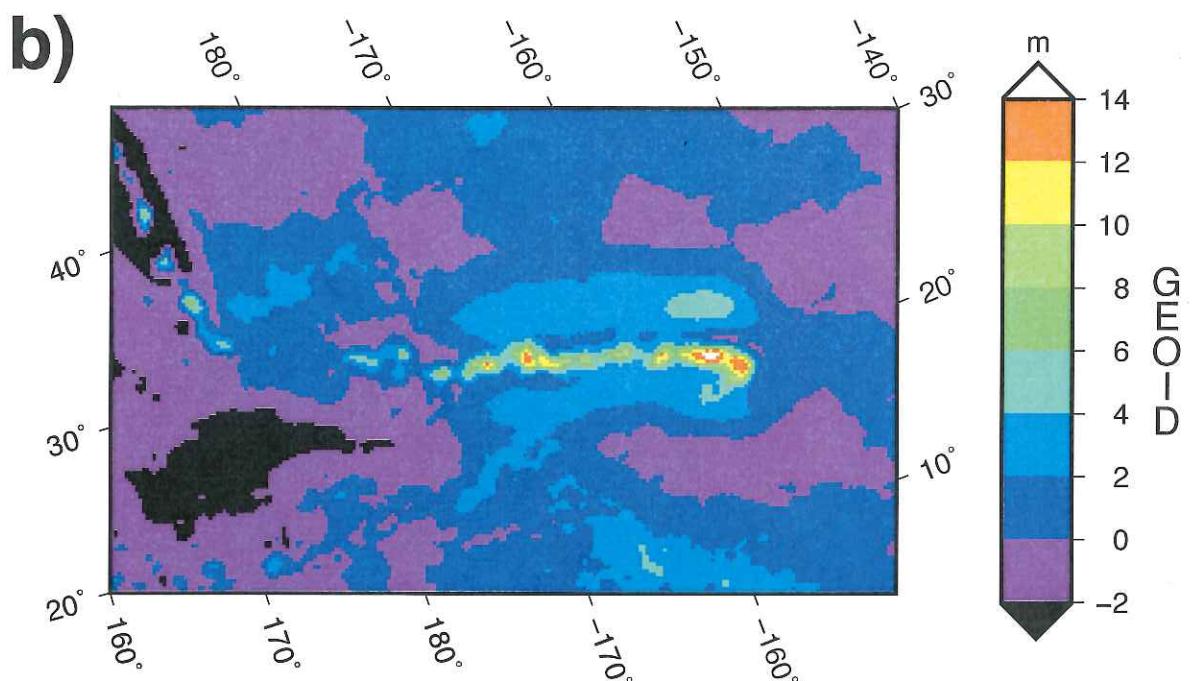
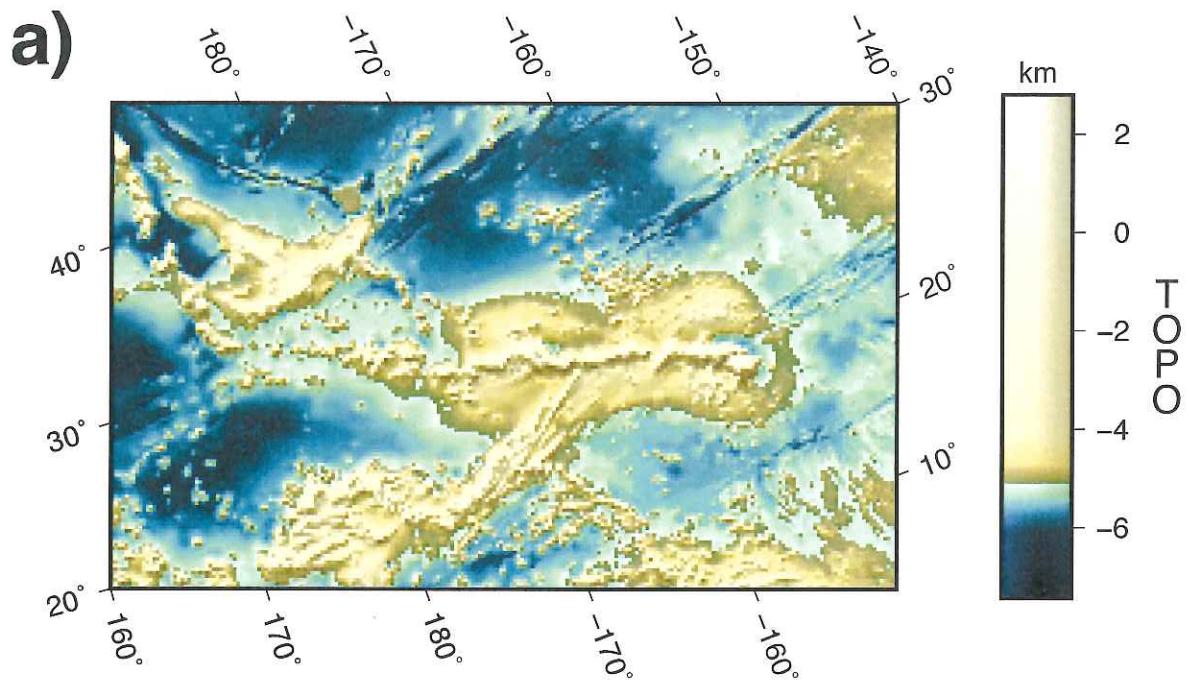
Ex 01

Low Order Geoid



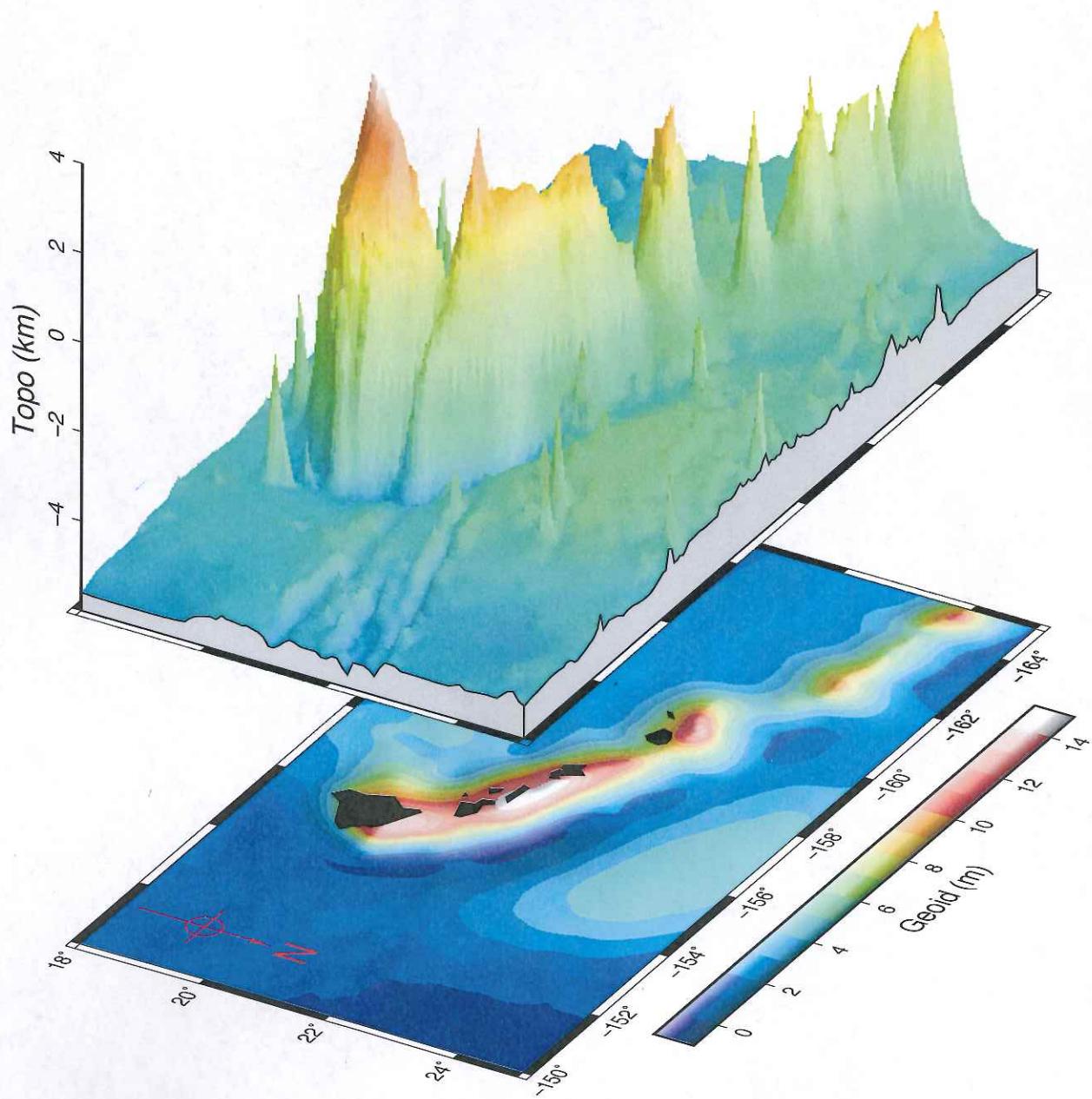
Ex 02

HAWAIIAN TOPO AND GEOID

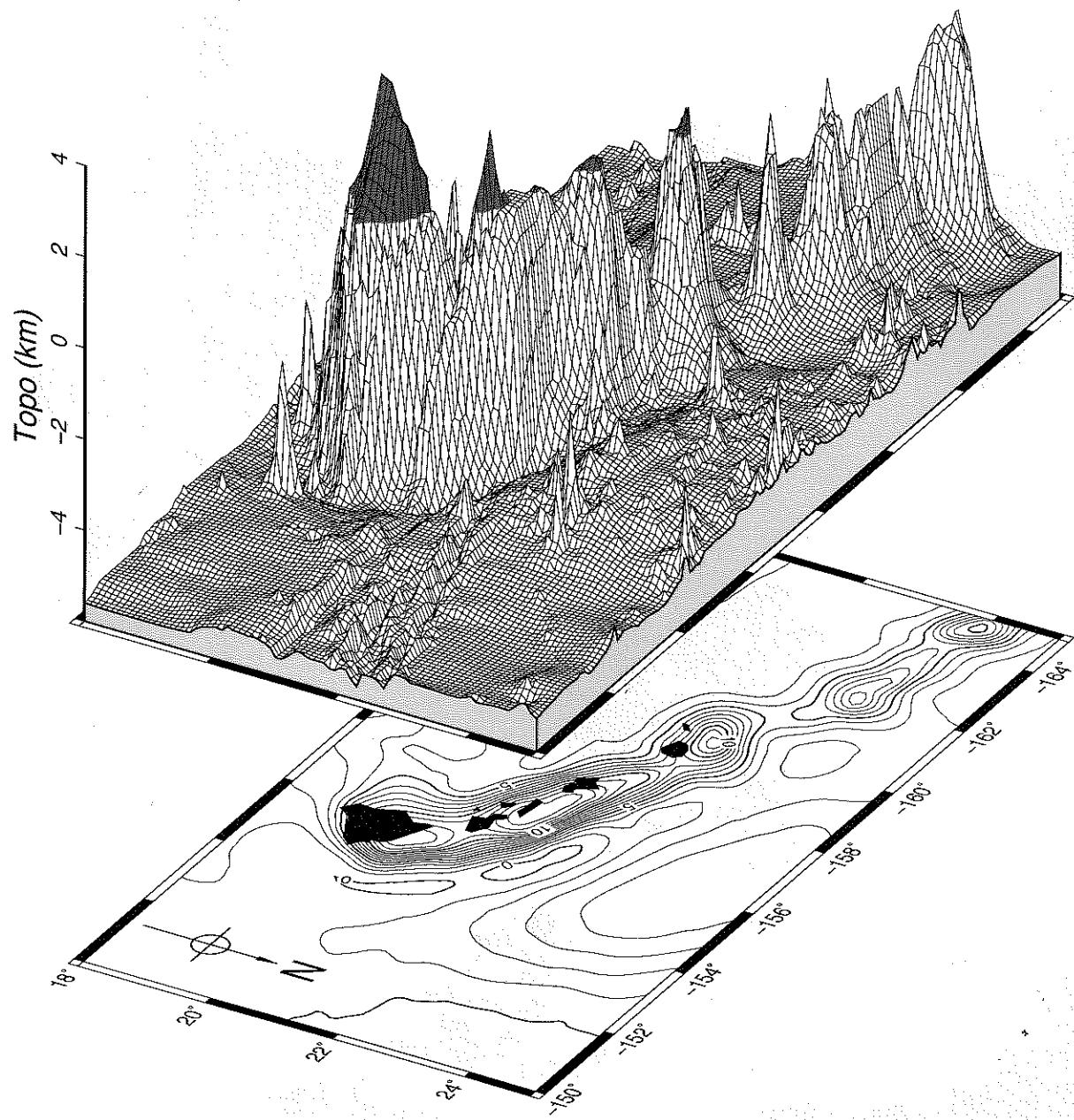


EX04

HAWAIIAN RIDGE

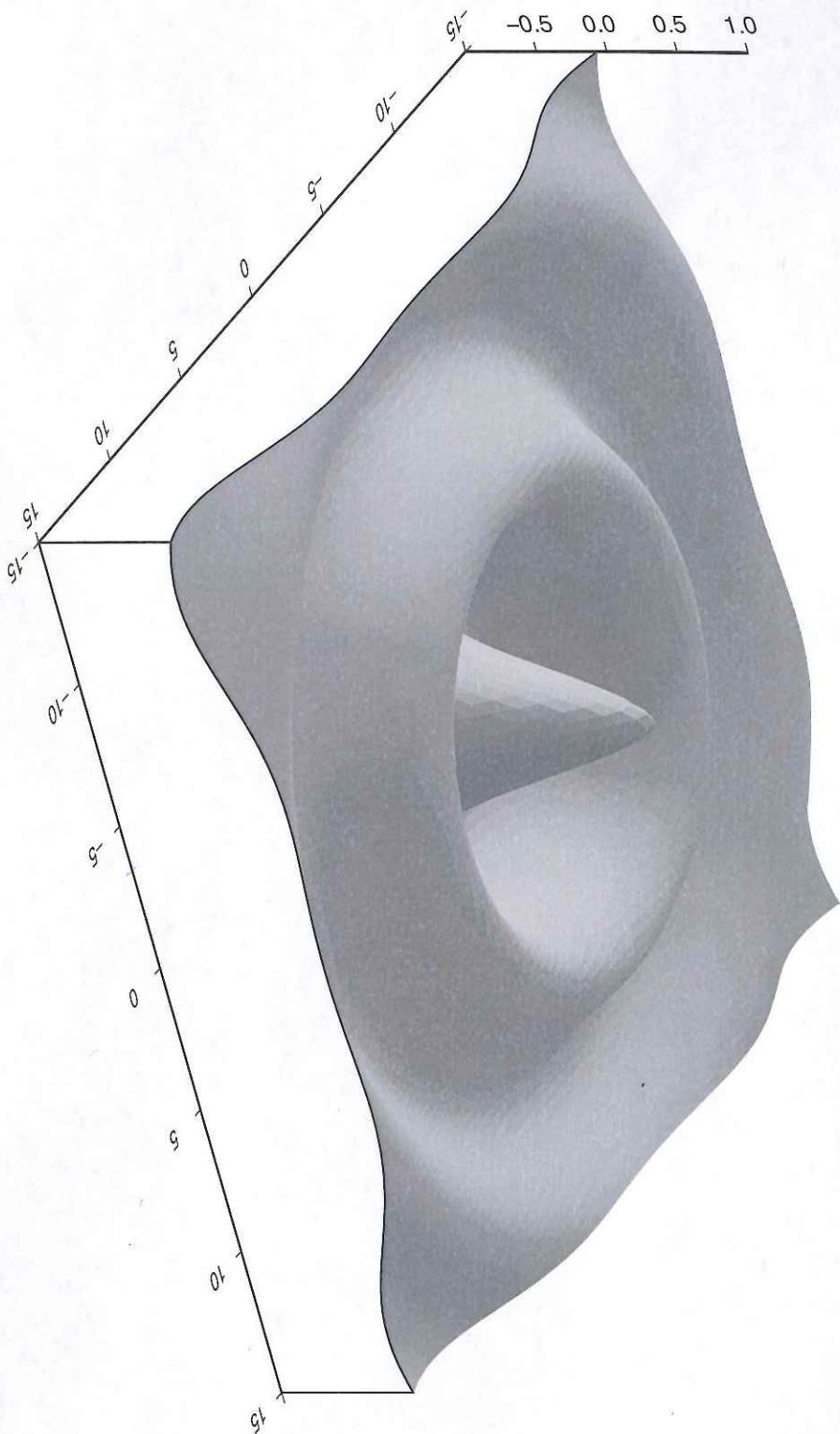


HAWAIIAN RIDGE



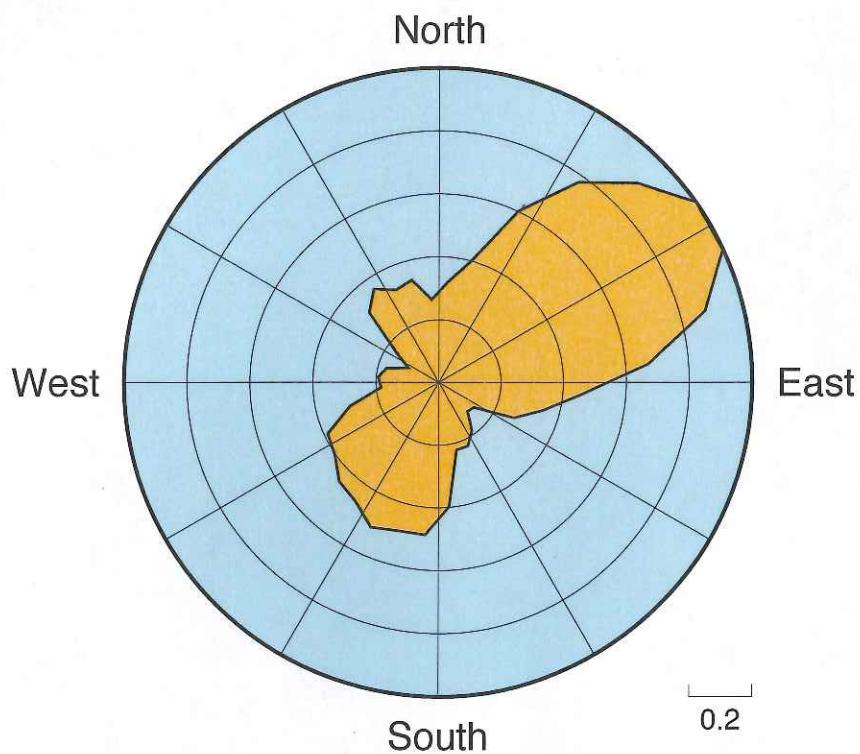
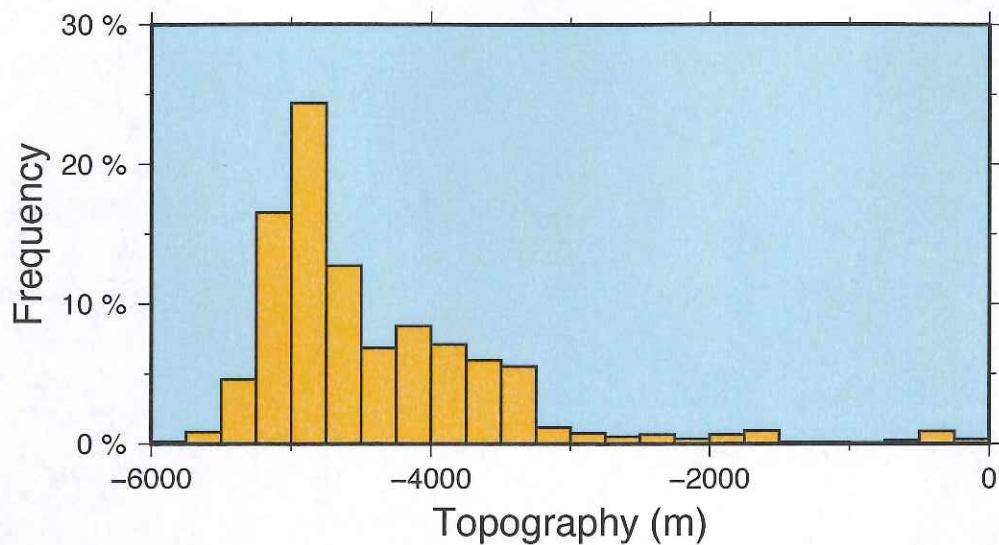
$$z(r) = \cos(2\pi r/8) \cdot e^{-r/10}$$

Ex 05

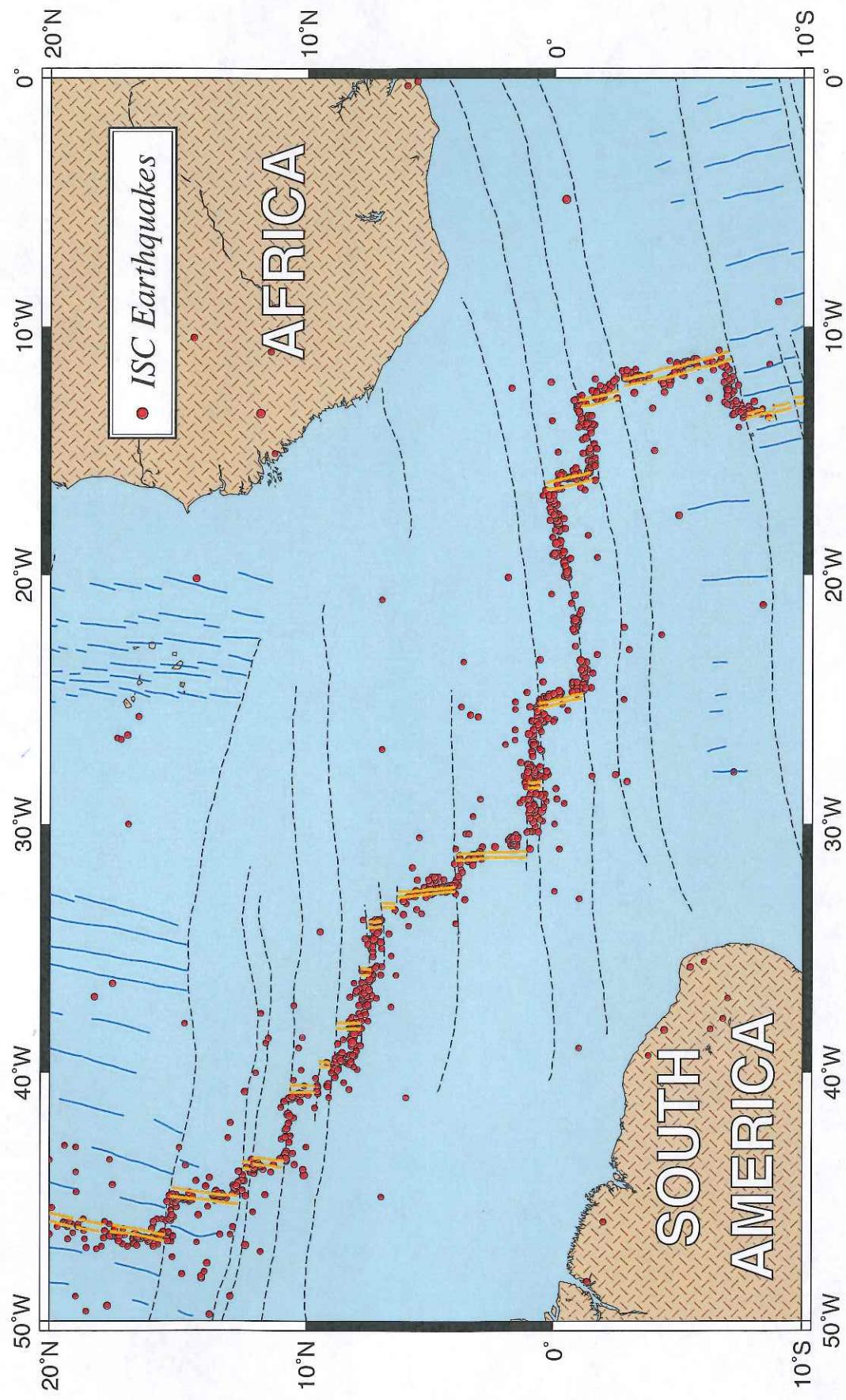


Ex 6

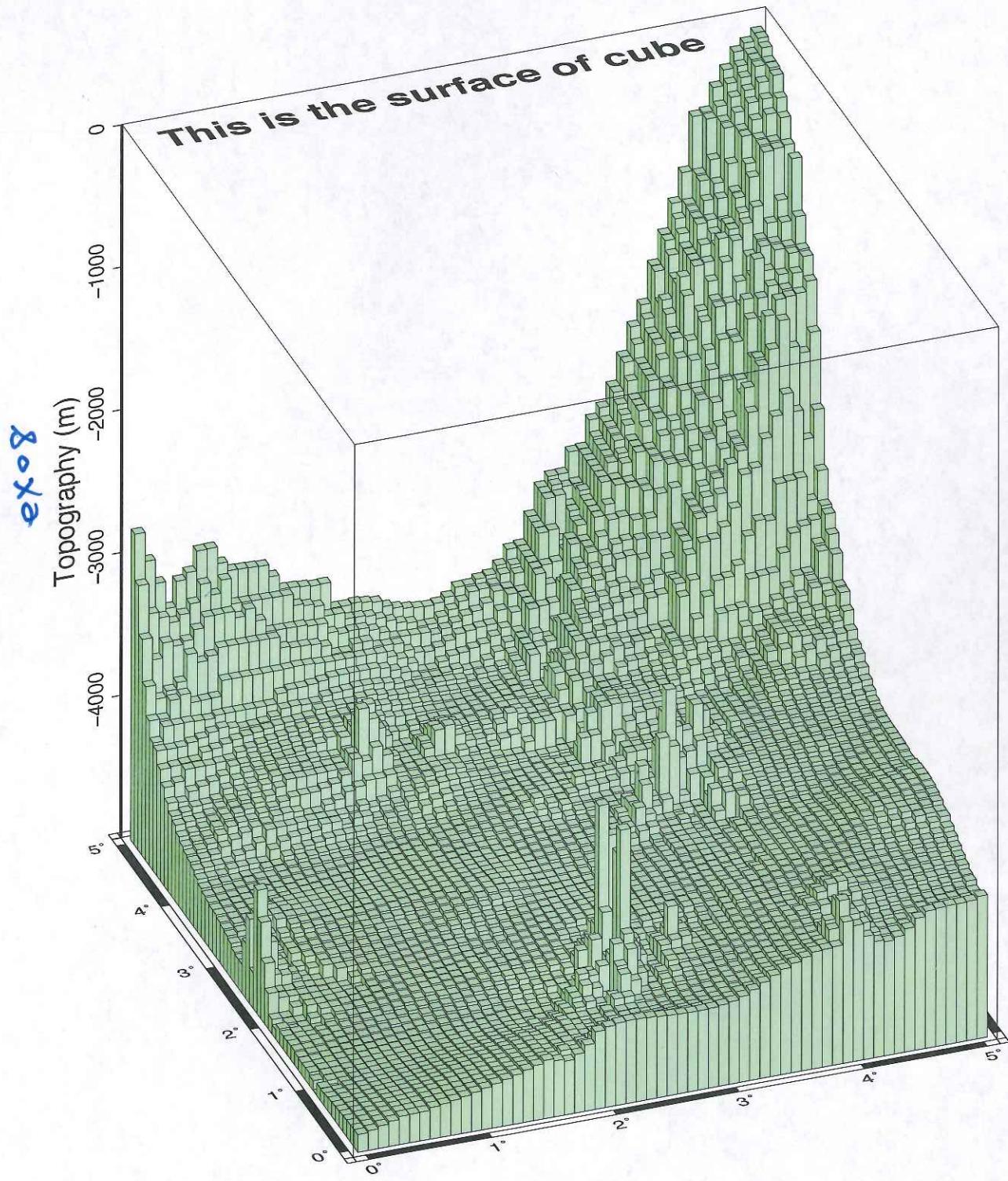
Histograms

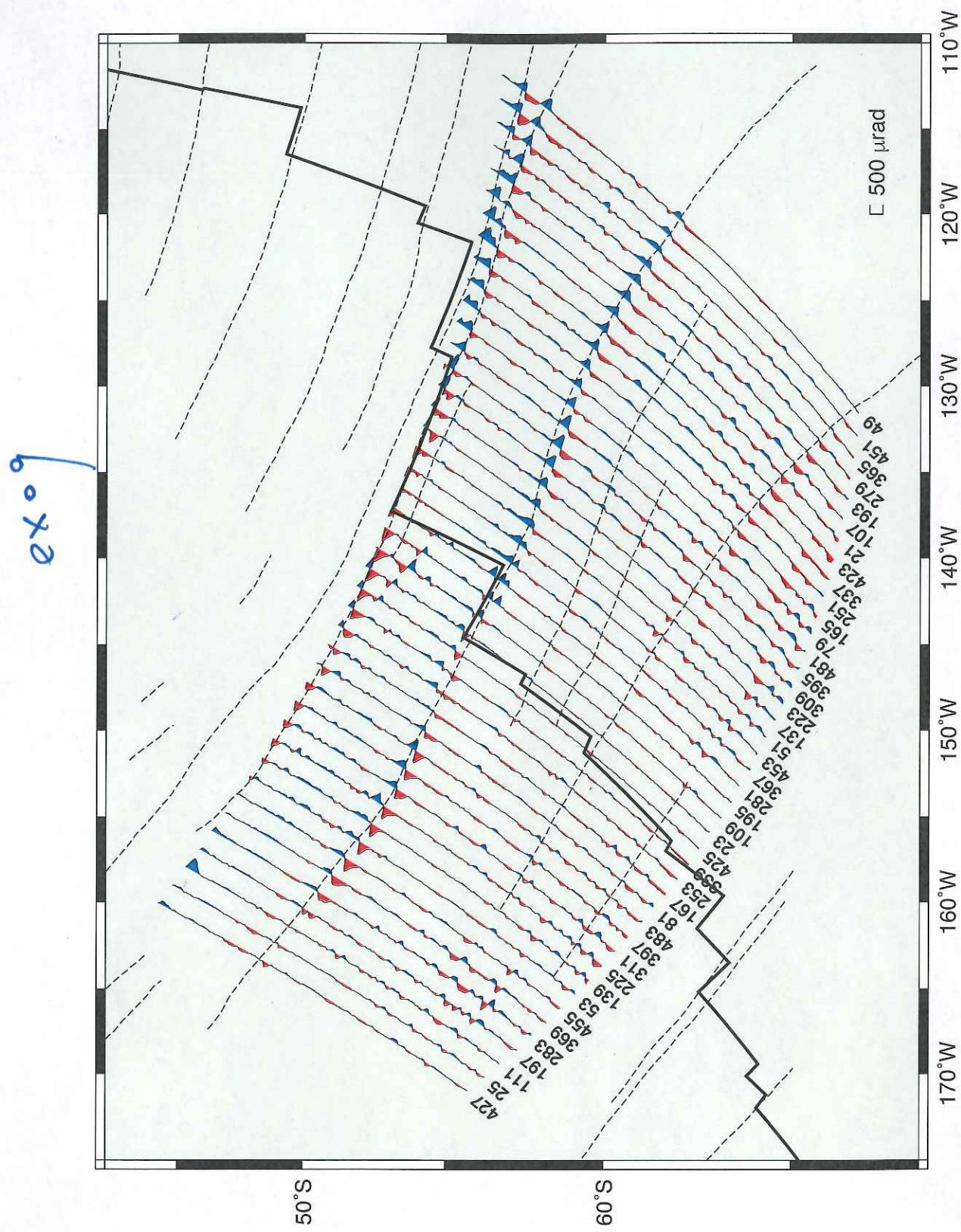


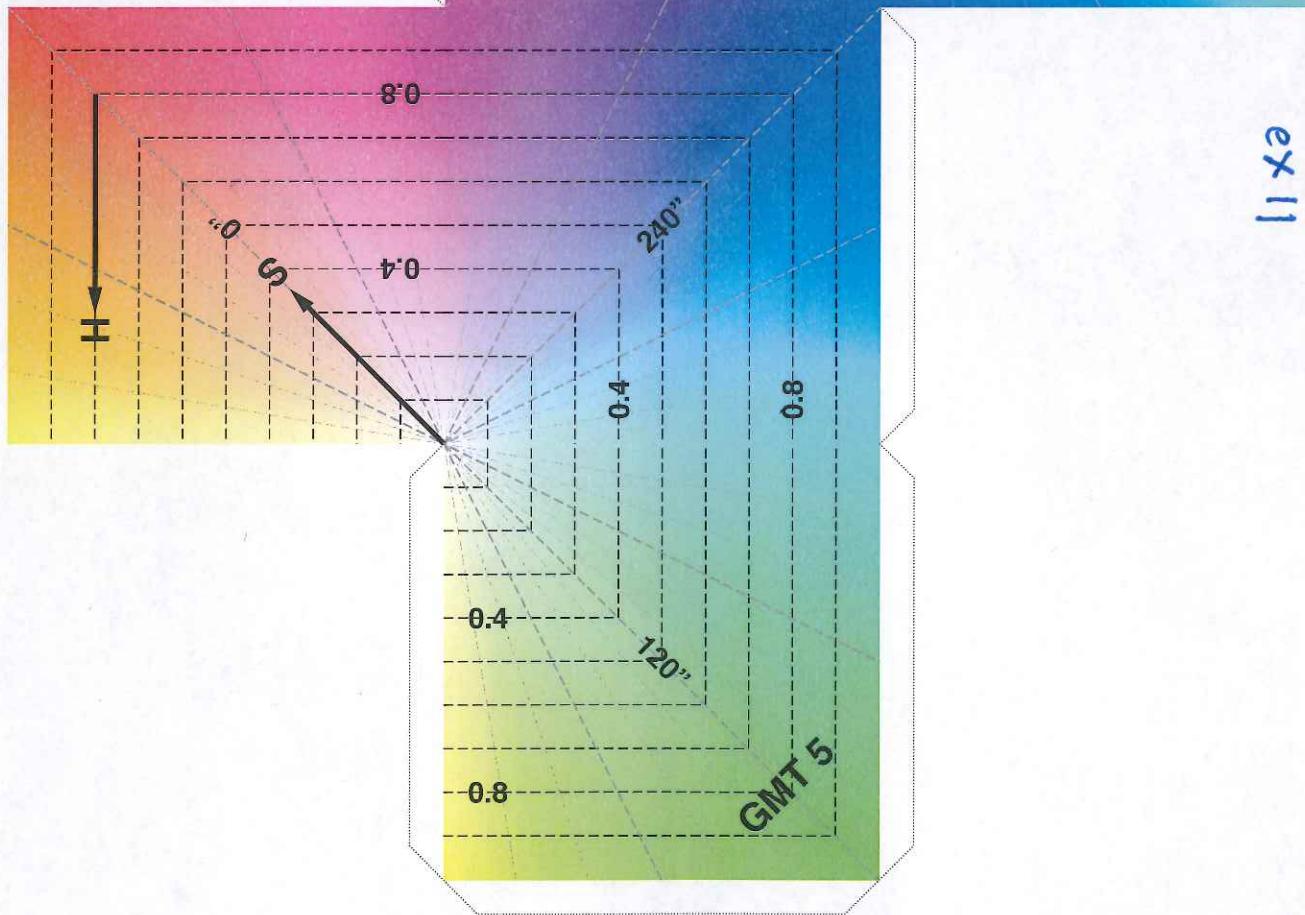
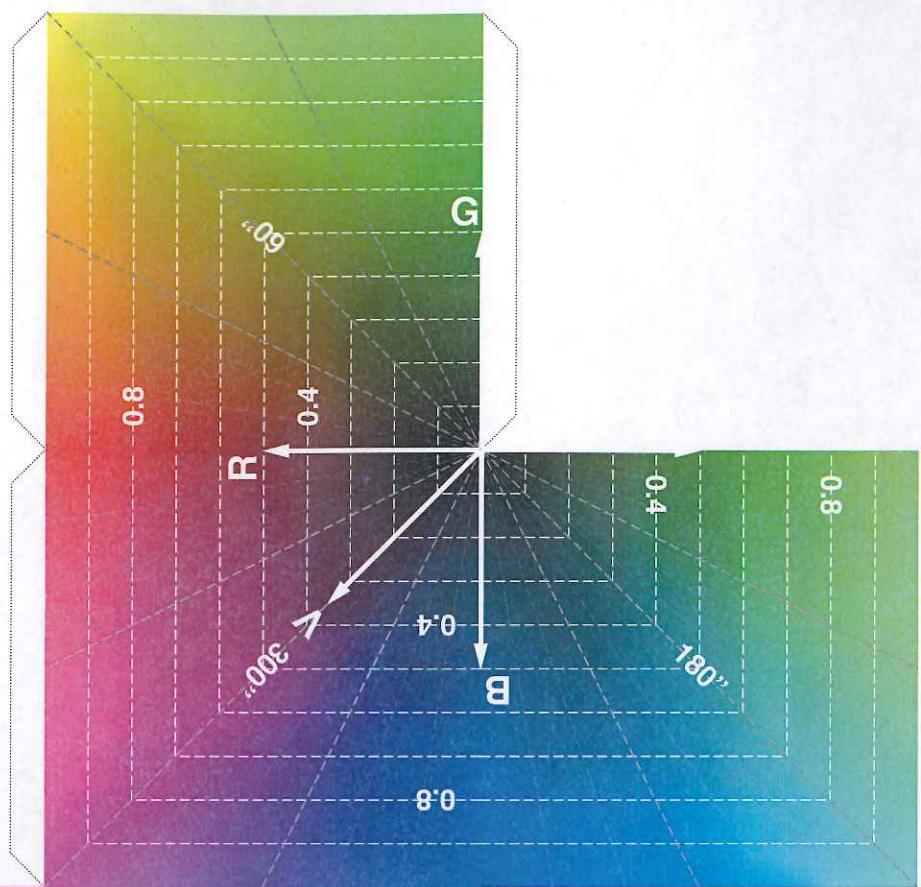
ext



ETOPO5

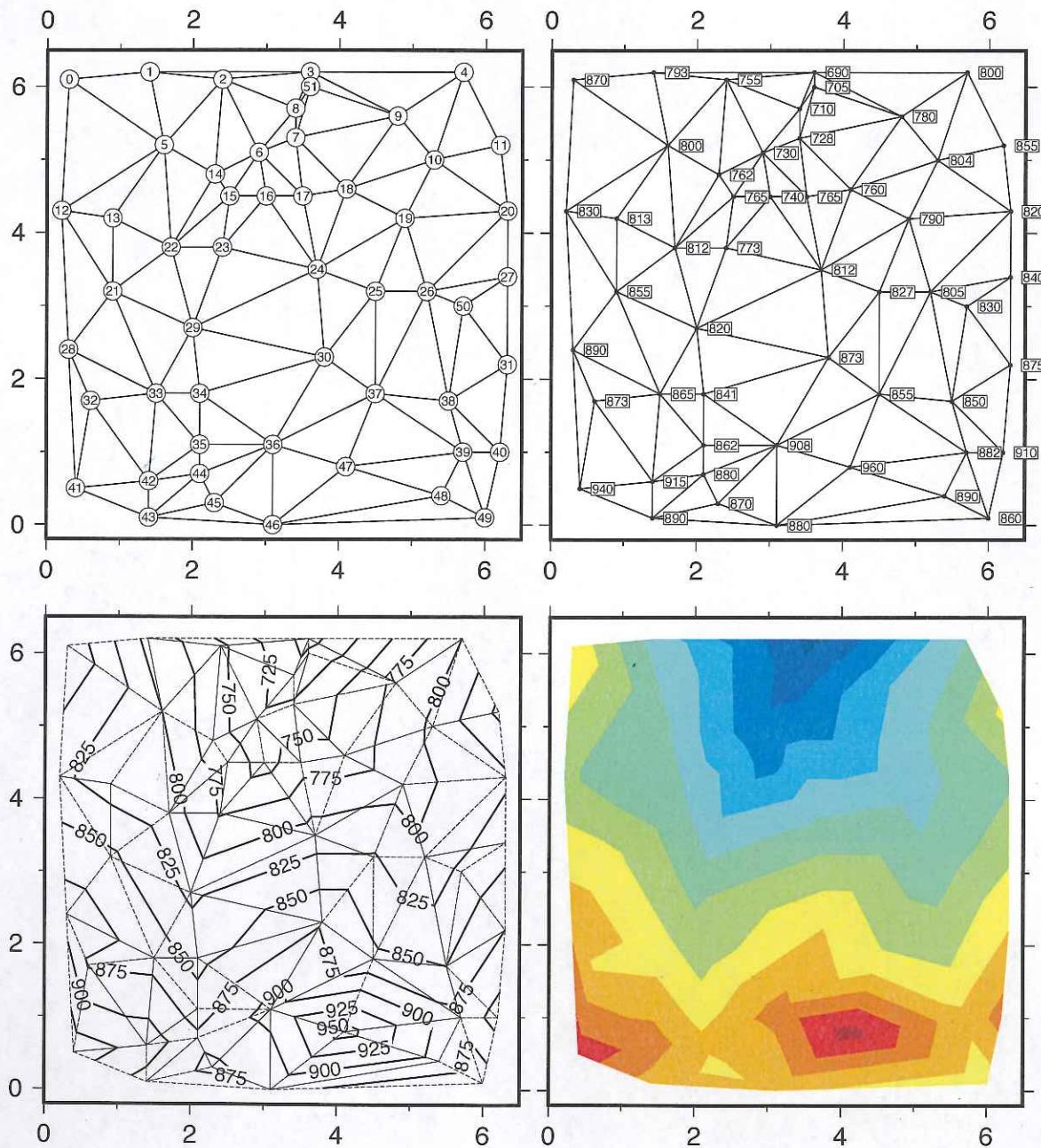






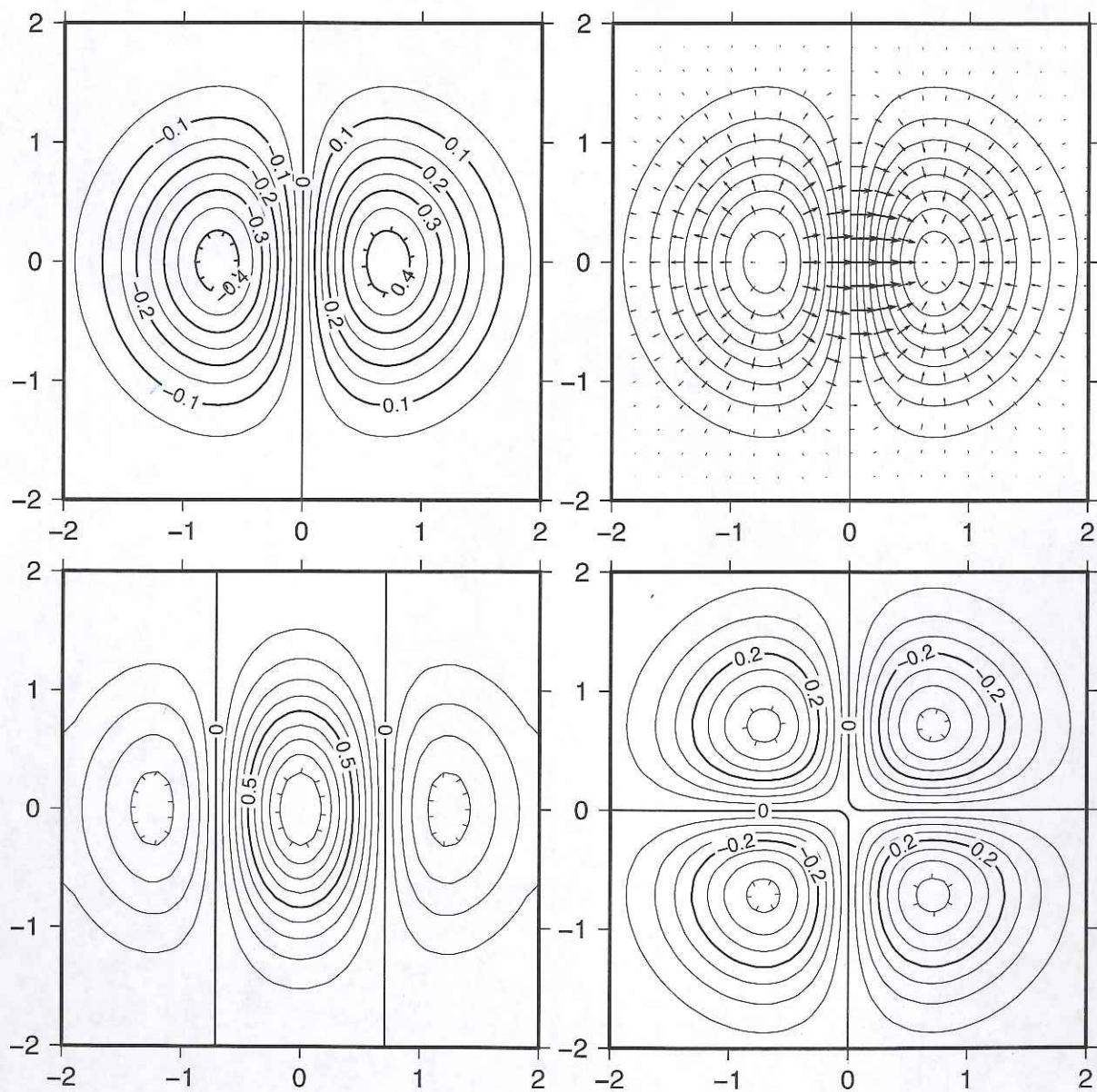
ex 12

Delaunay Triangulation

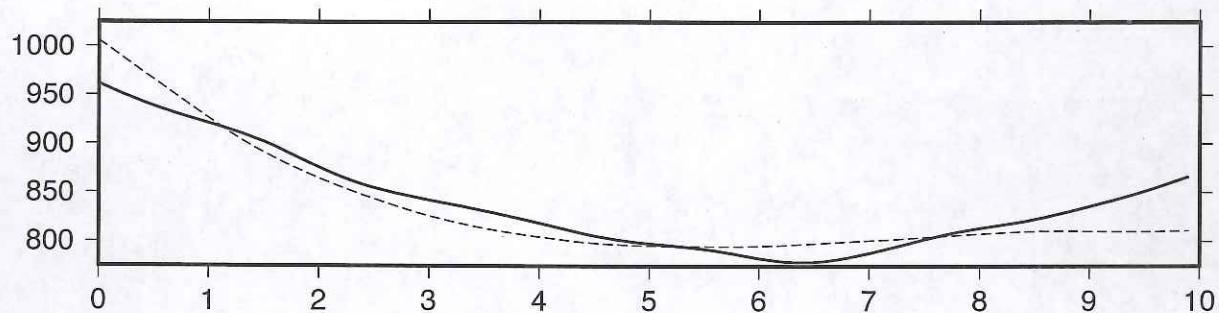
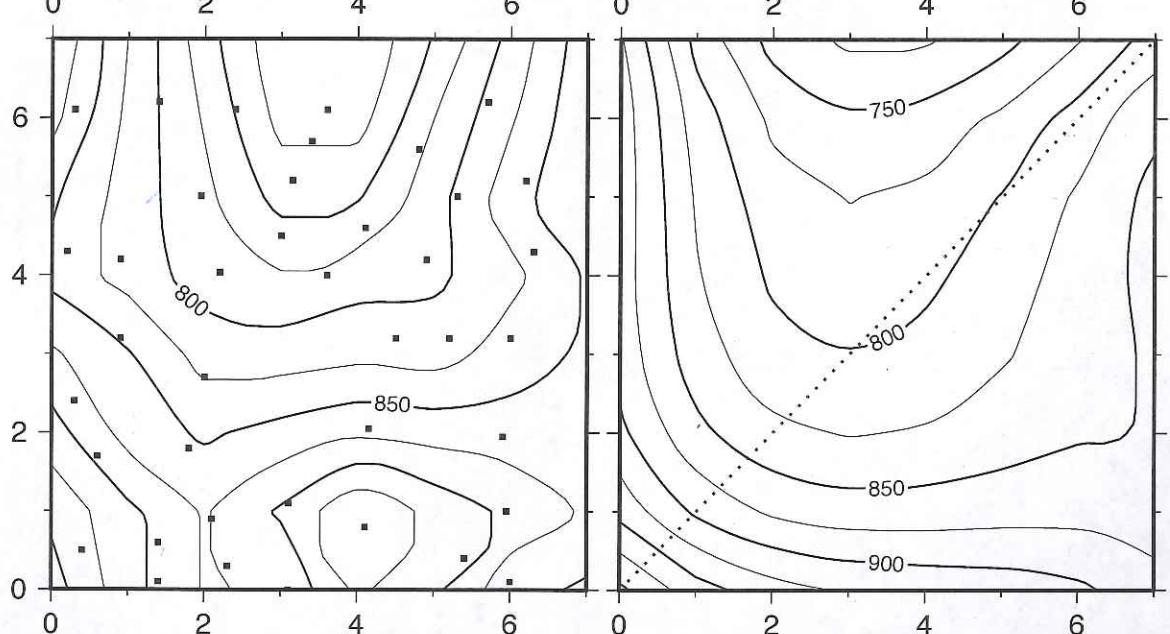
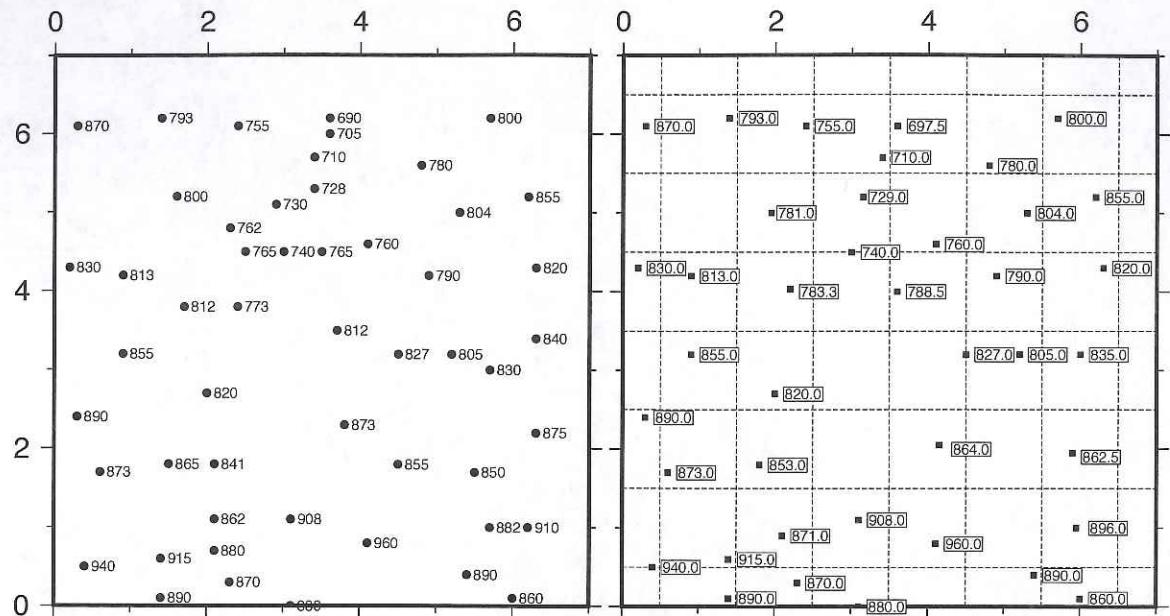


ex13

$$z(x,y) = x \cdot \exp(-x^2 - y^2)$$

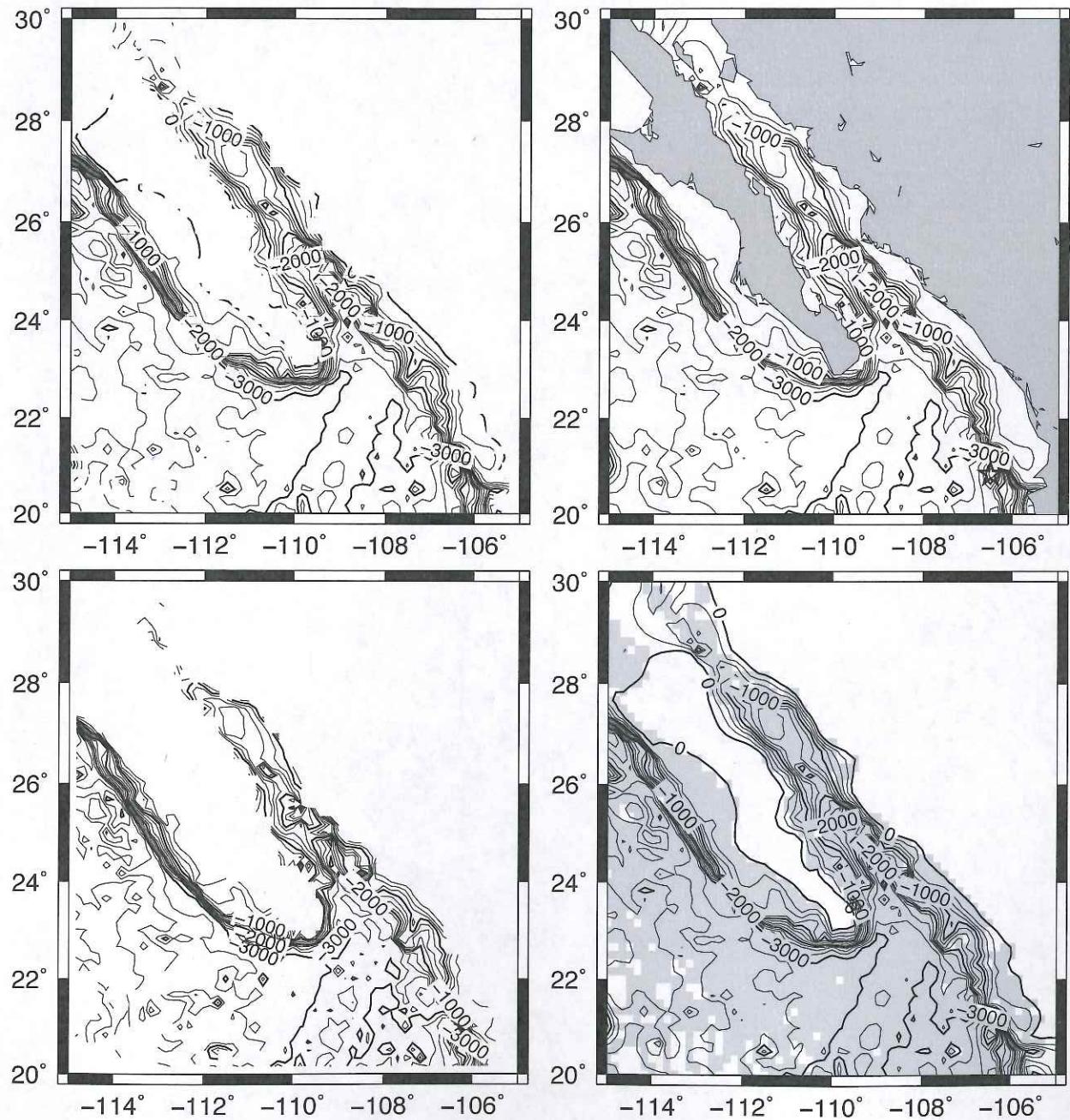


ex 14



ex:5

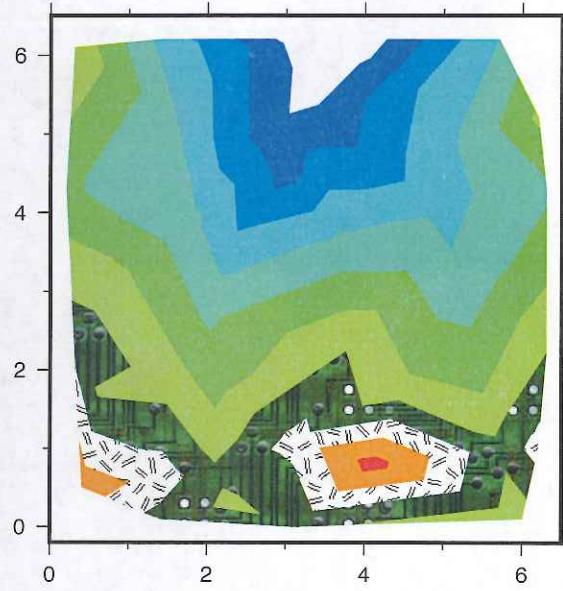
Gridding with missing data



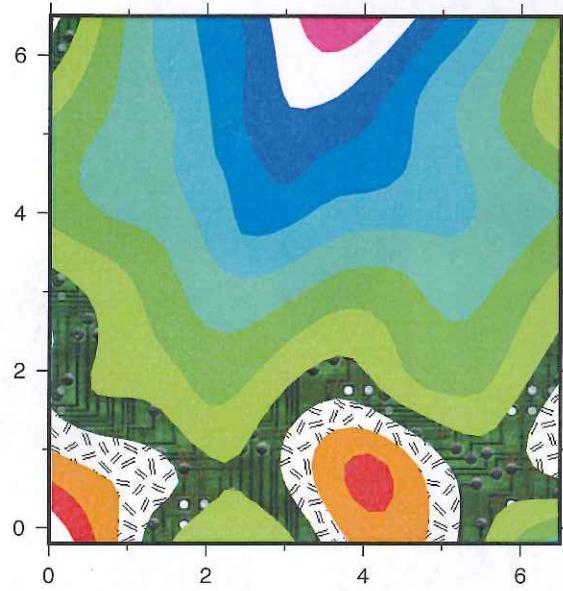
ex: b

Gridding of Data

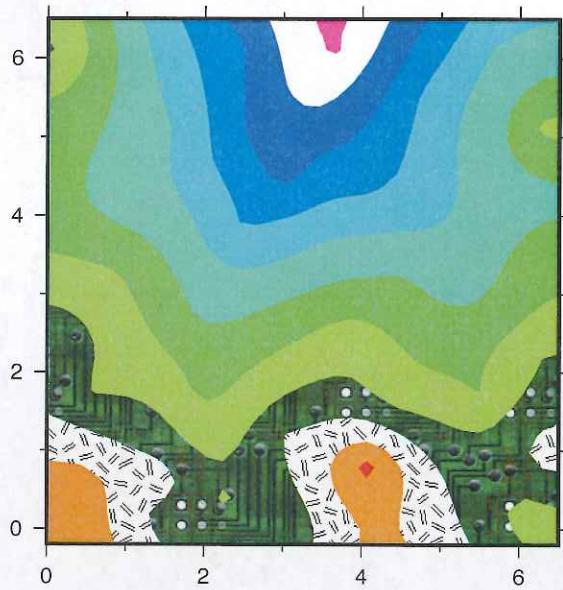
pscontour (triangulate)



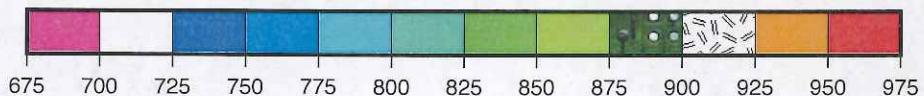
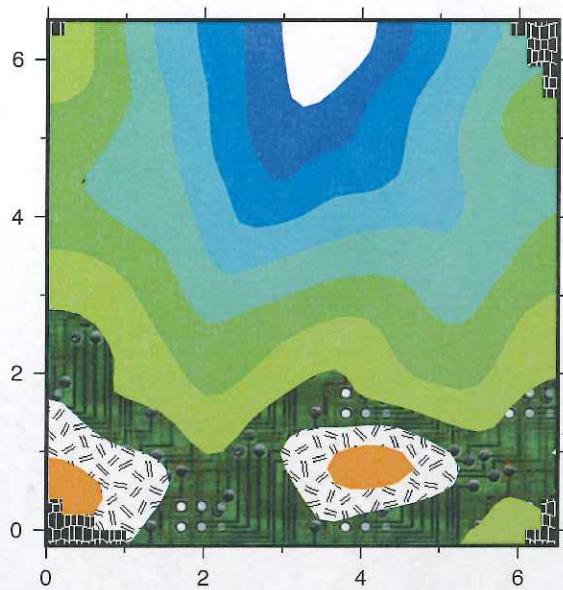
surface (tension = 0)



surface (tension = 0.5)

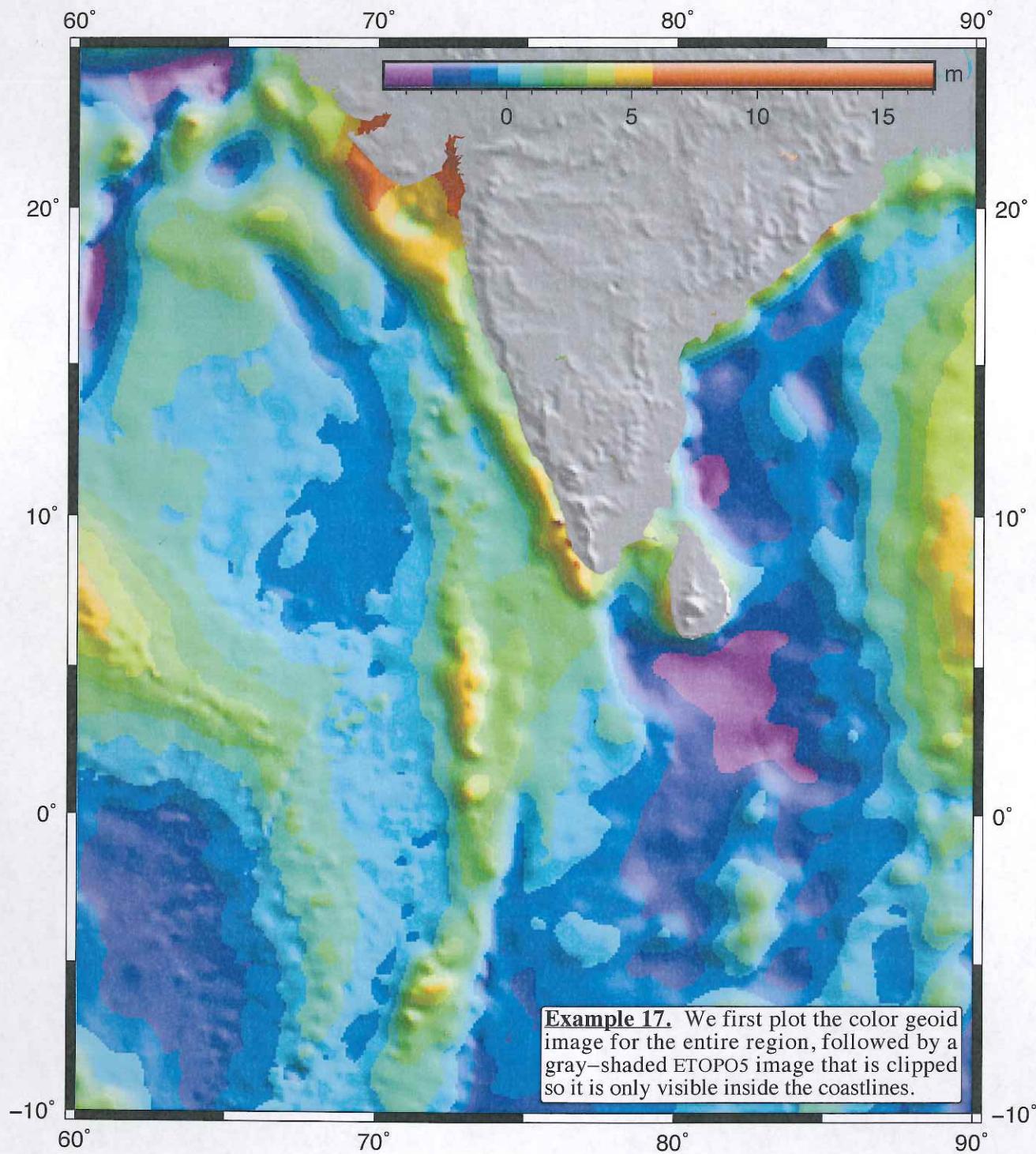


triangulate → grdfilter



e+17

Clipping of Images



ext 119

13TH INTERNATIONAL GMT CONFERENCE

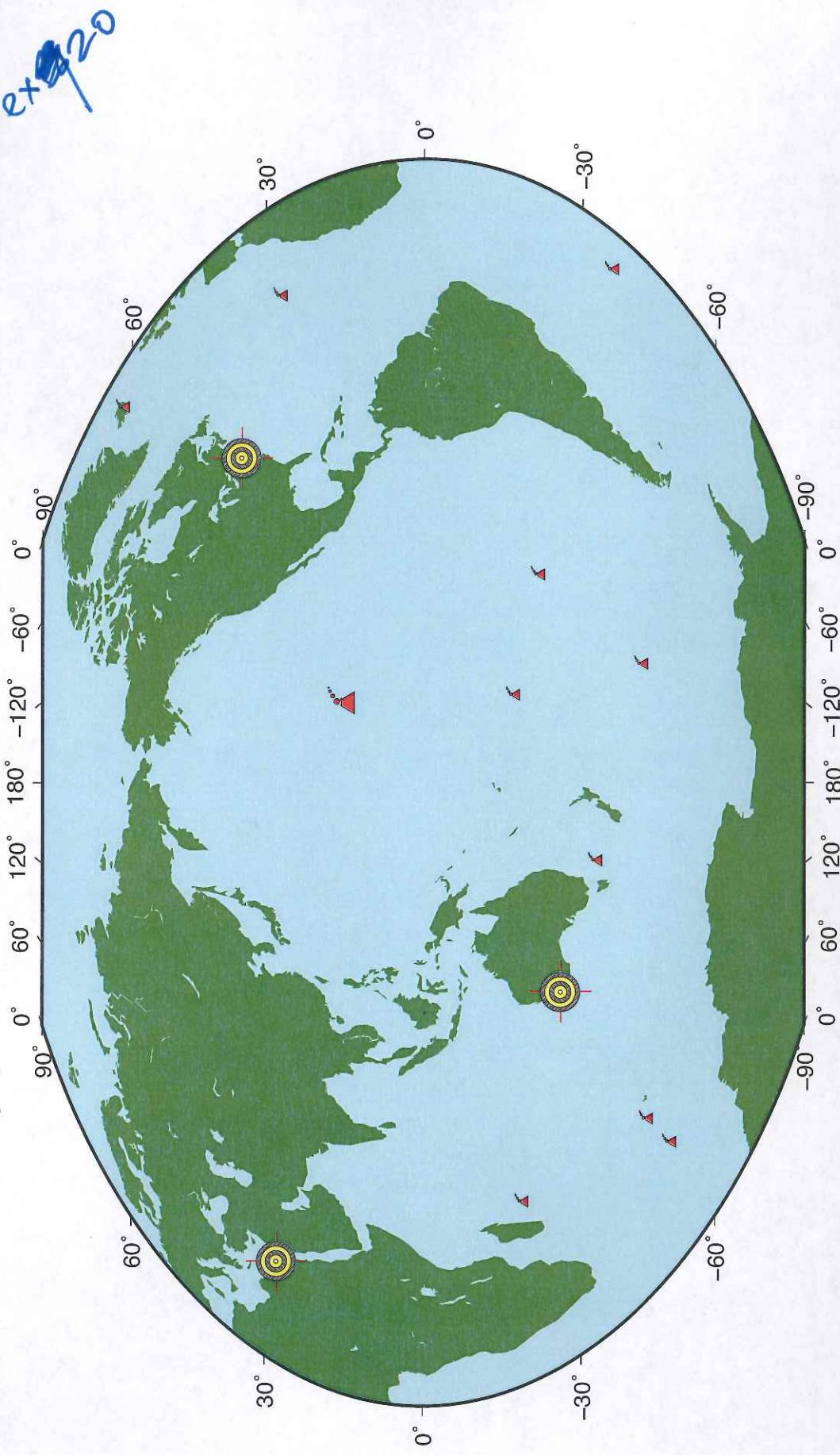
Honolulu, Hawaii, April 1, 2016

SILLY USES OF **GMT** COLOR PATTERNS

13TH INTERNATIONAL GMT CONFERENCE

Honolulu, Hawaii, April 1, 2016

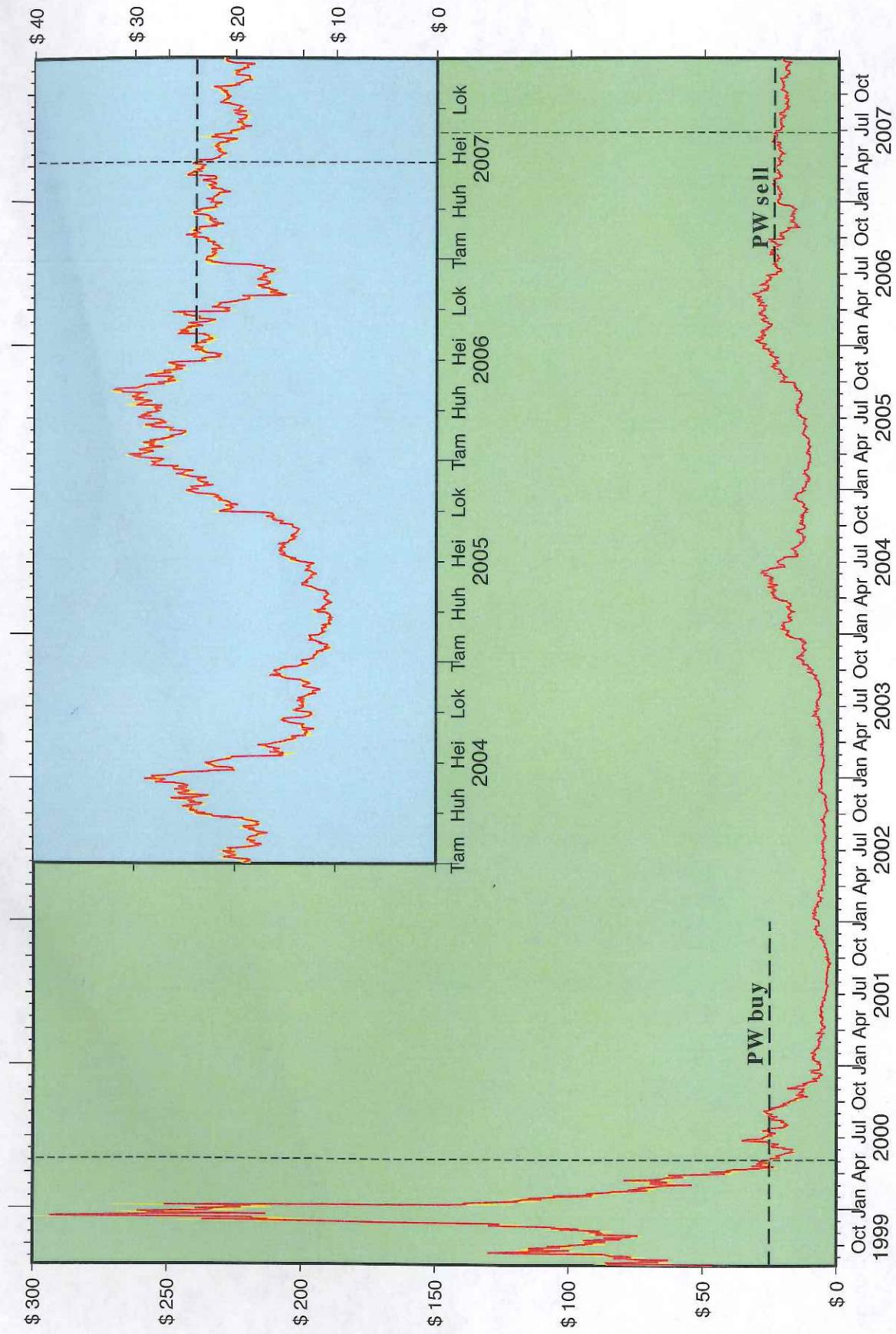
Hotspot Islands and Cities



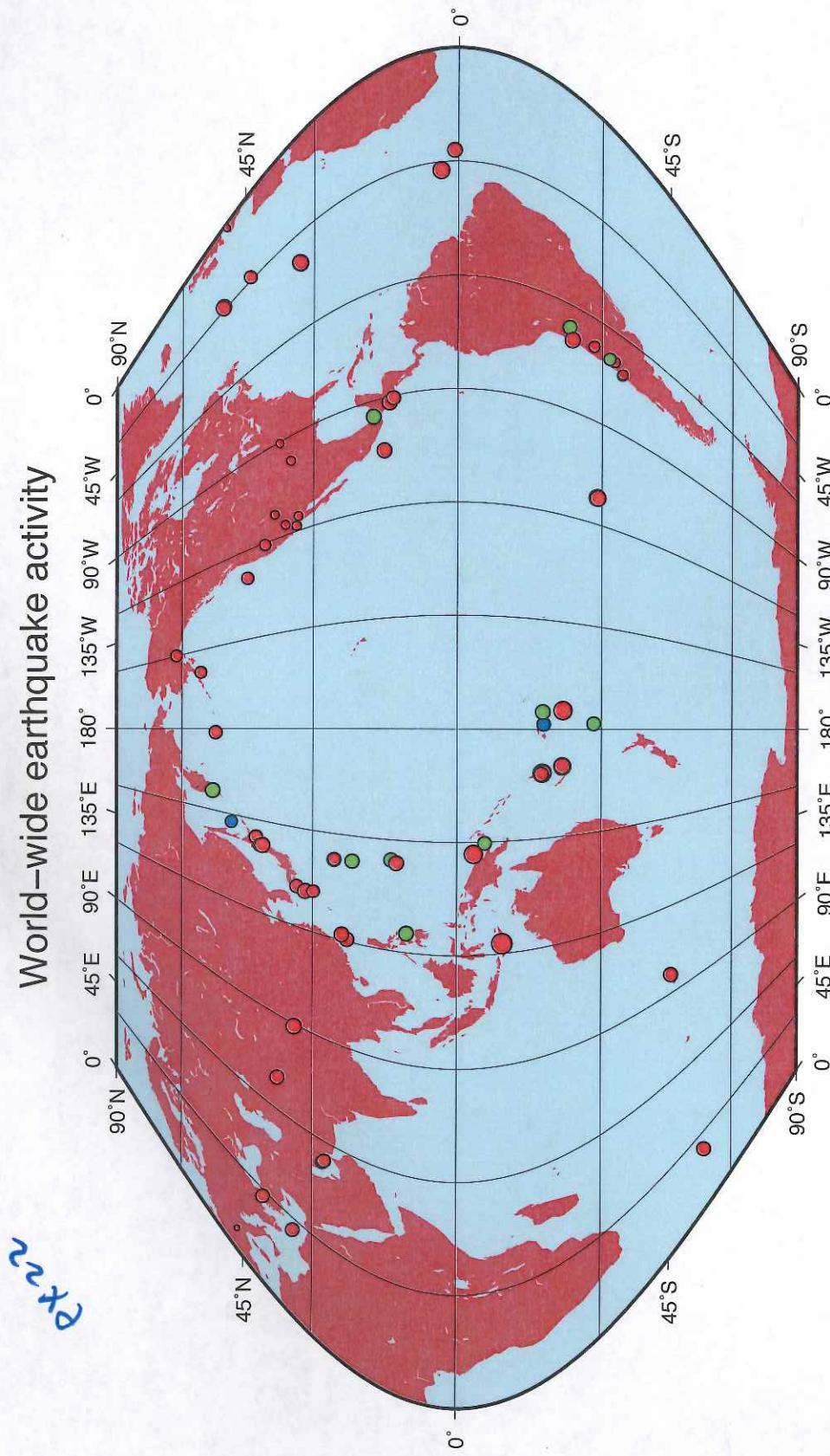
Ex 20

et al

RedHat (RHT) Stock Price Trend since IPO



World-wide earthquake activity



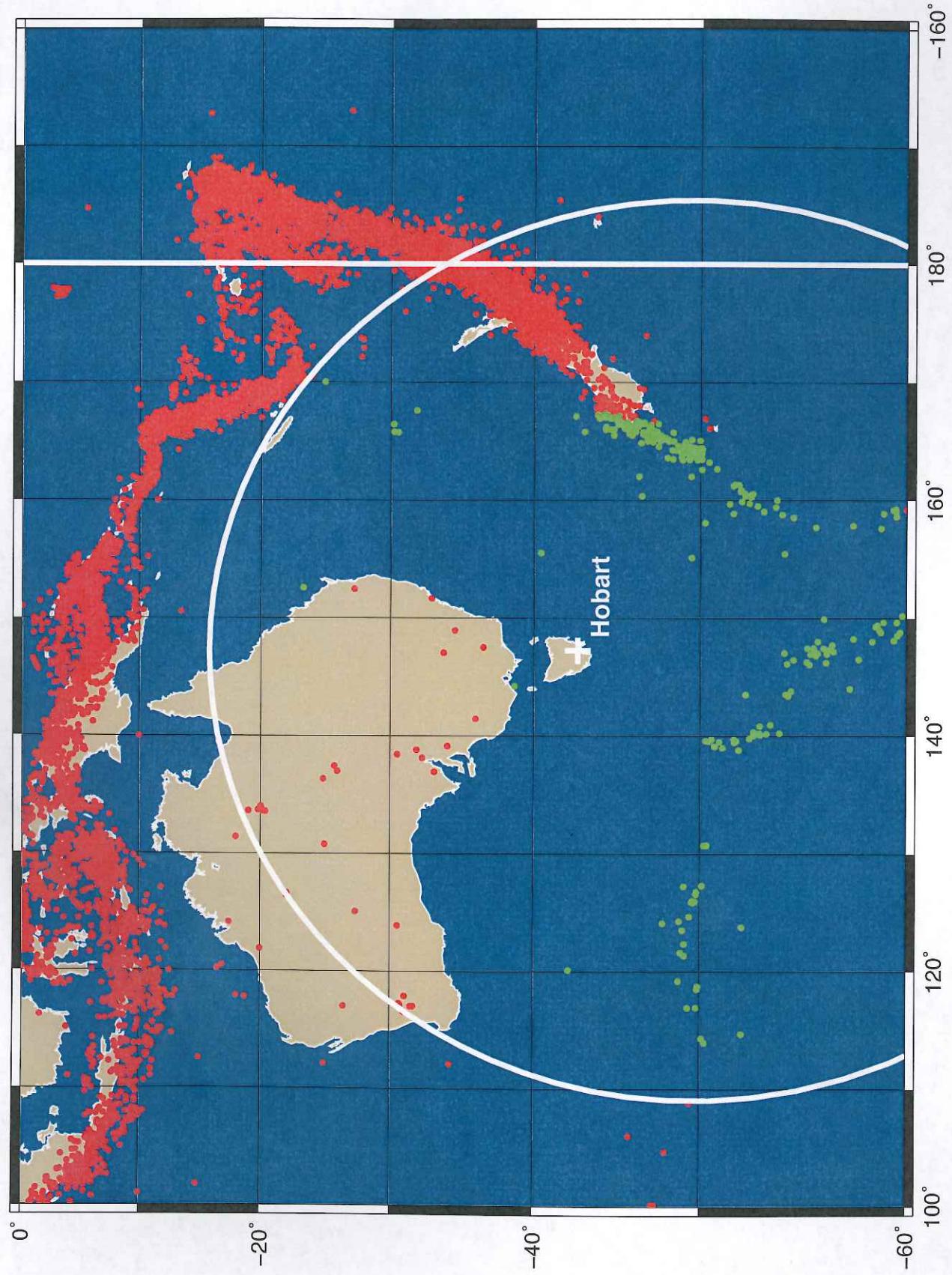
77 events during 04/04/19 00:04:33 to 04/04/25 11:11:33

Shallow depth (0–100 km)	Intermediate depth (100–300 km)	Very deep (> 300 km)
○ M 3	●	●

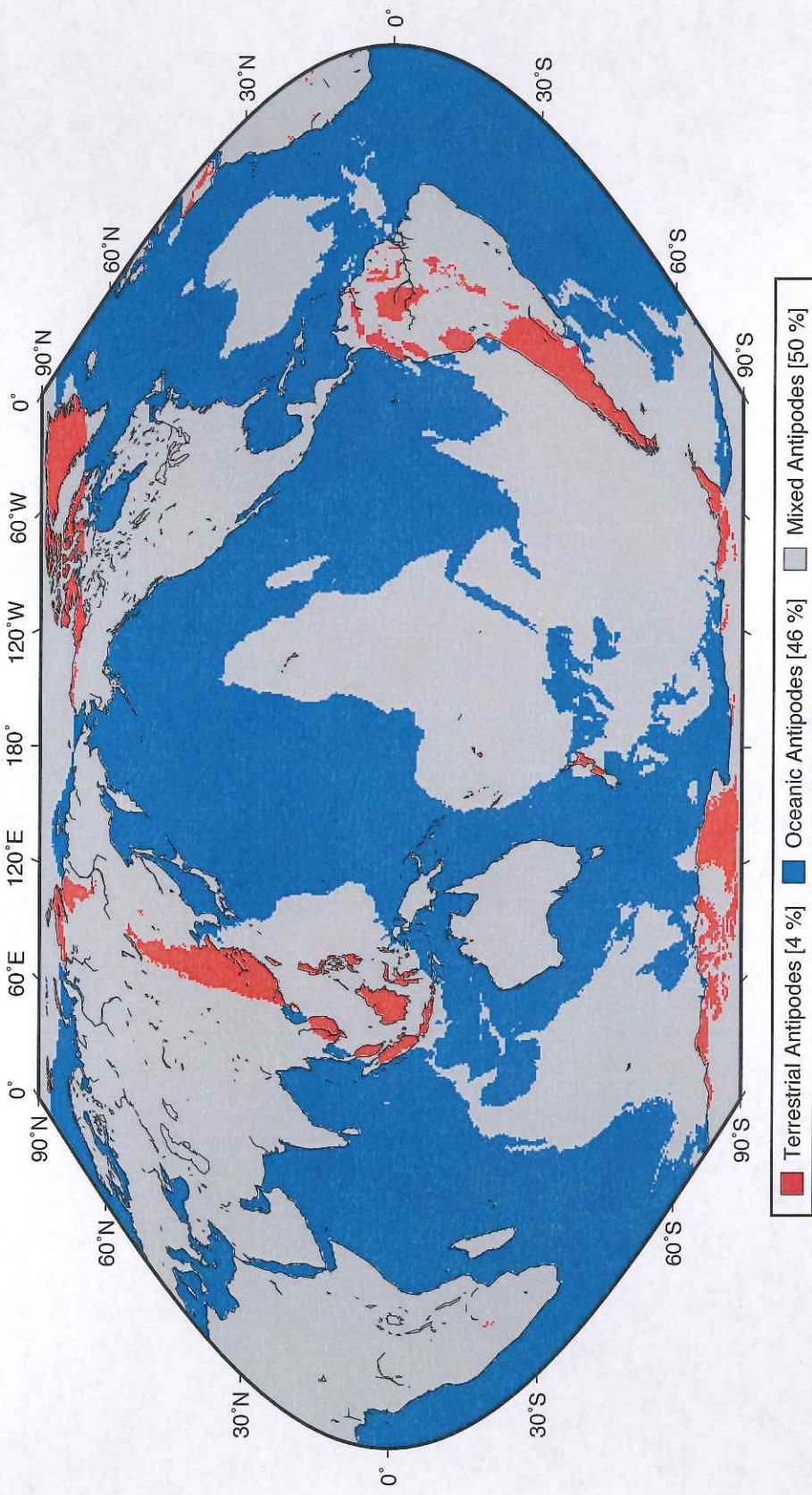
USGS/NEIS most recent earthquakes for the last seven days. The data were obtained automatically from the USGS Earthquake Hazards Program page at <http://neic/usgs.gov>. Interested users may also receive email alerts from the USGS. This script can be called daily to update the latest information.

GMT guru @ GMTbox

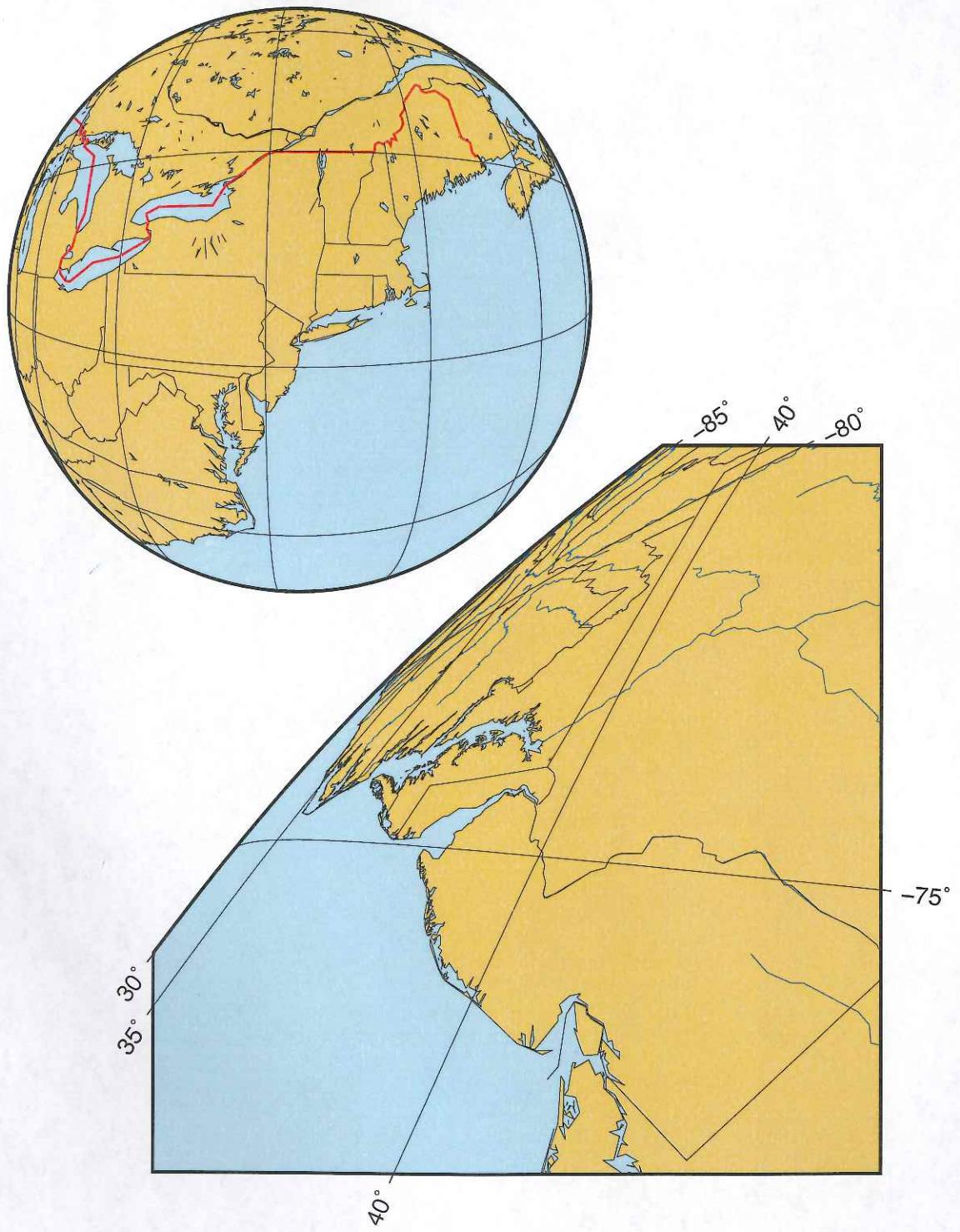


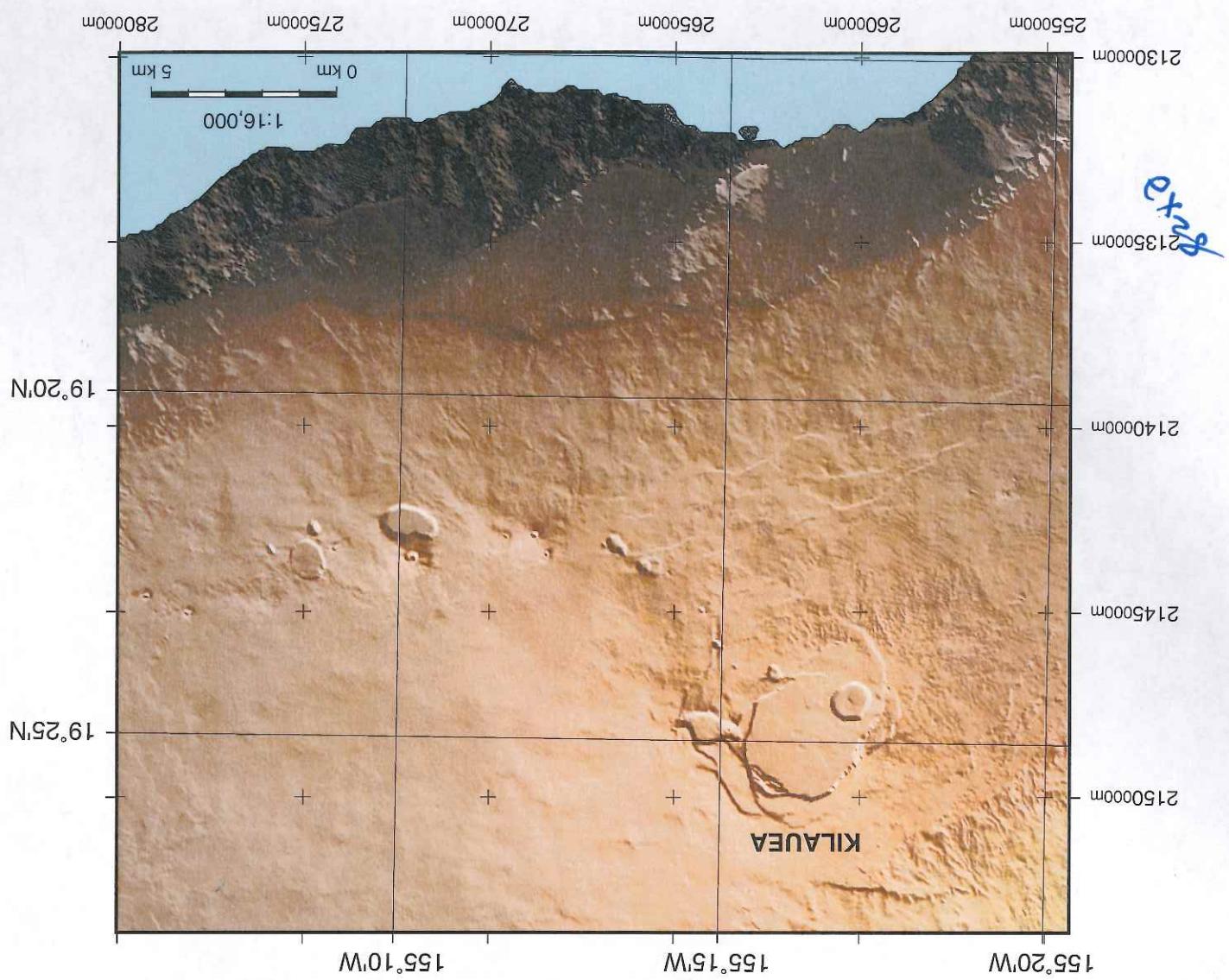


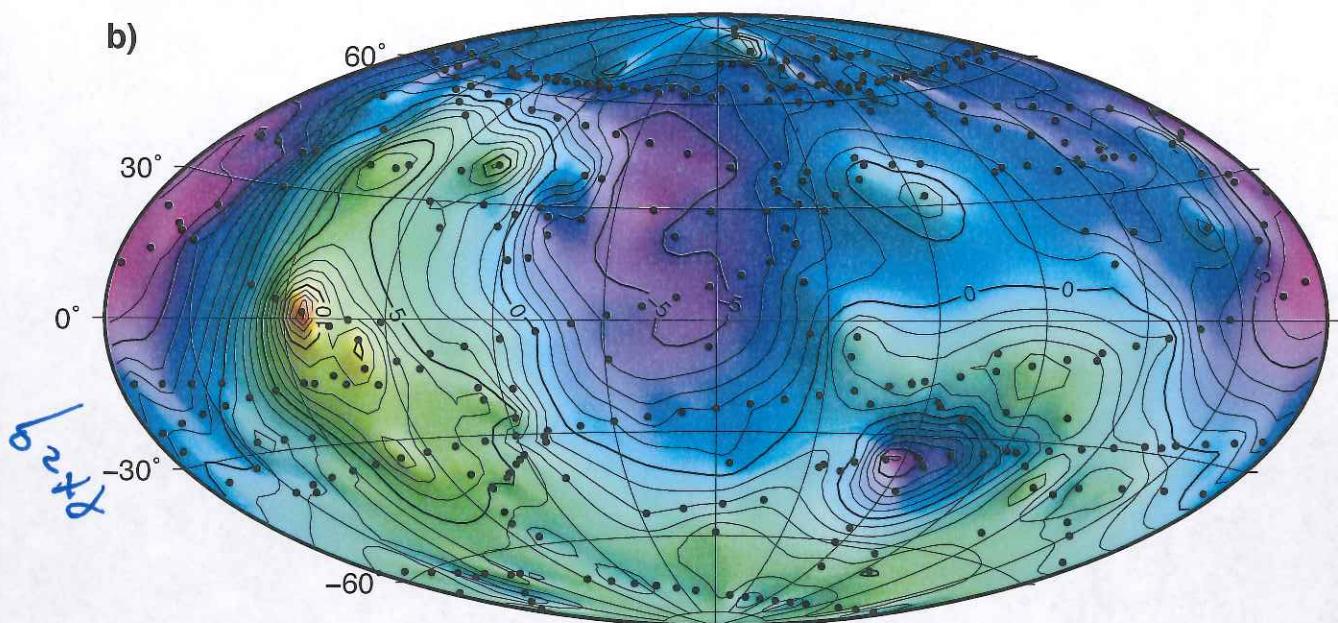
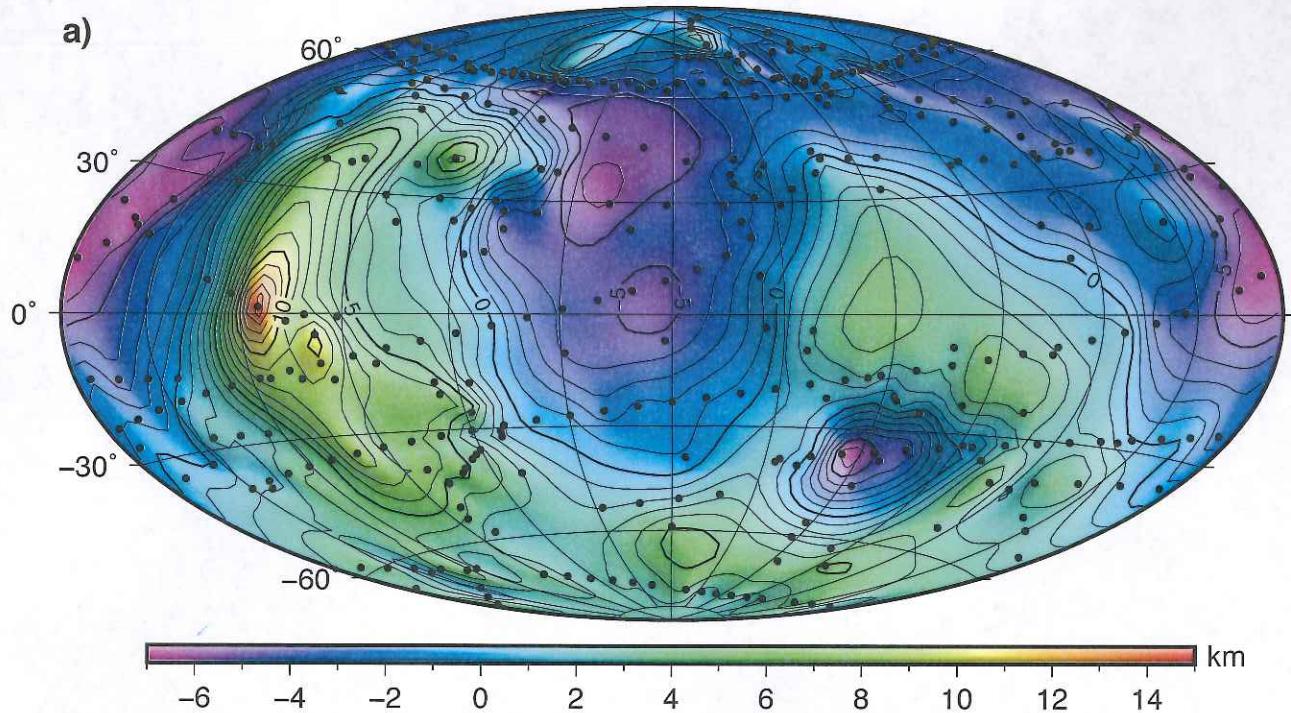
Antipodal comparisons



QXN

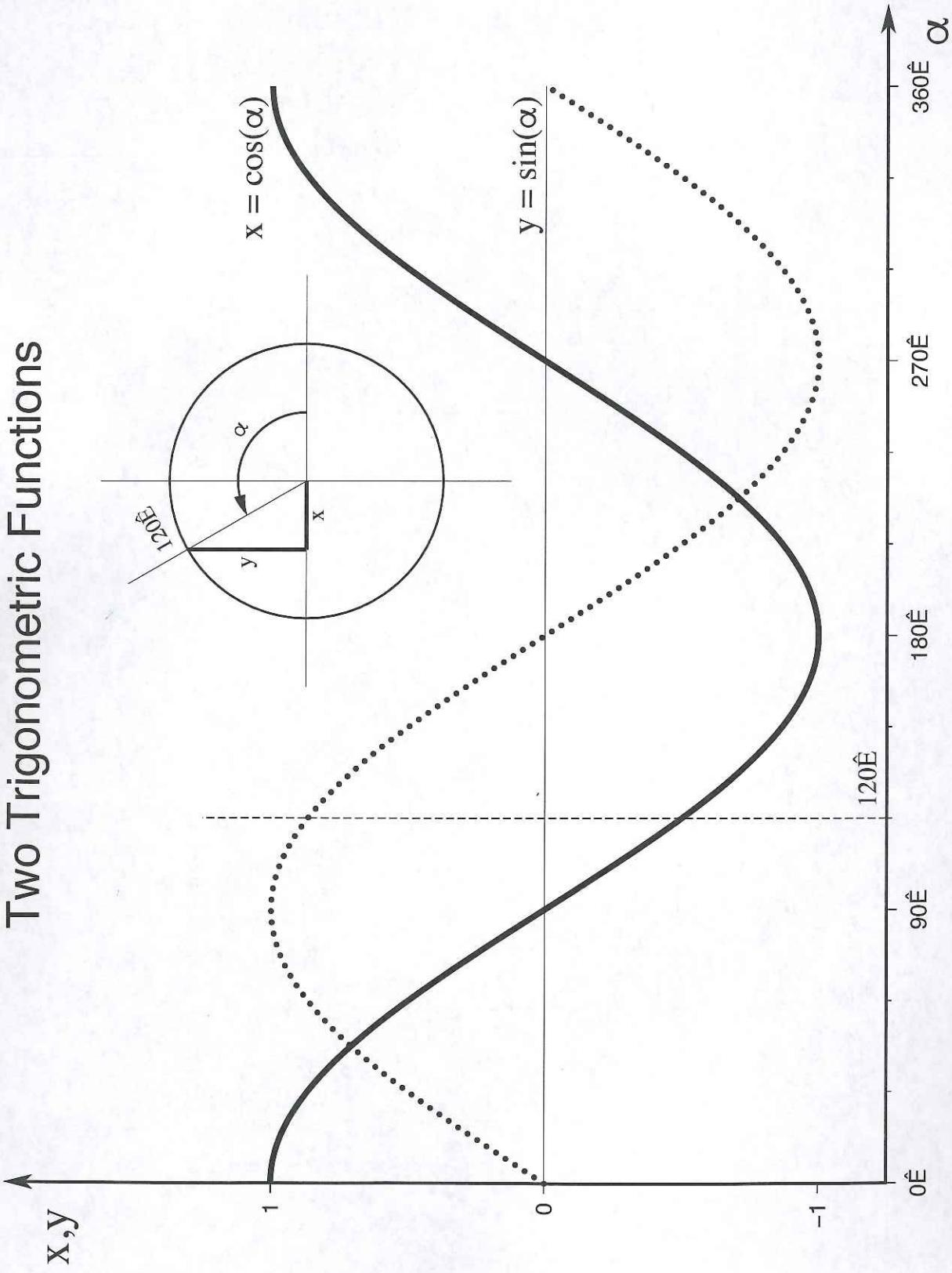






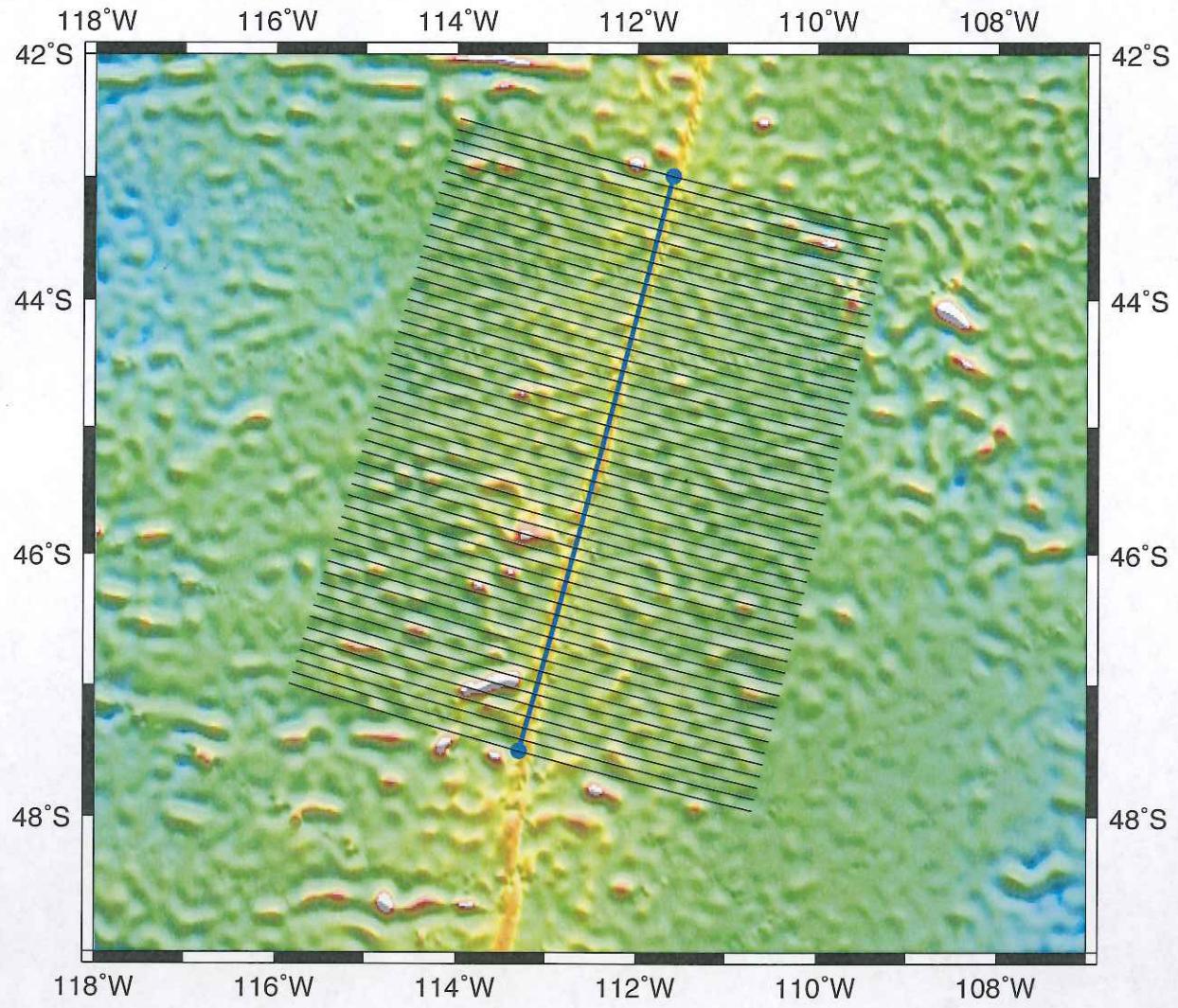
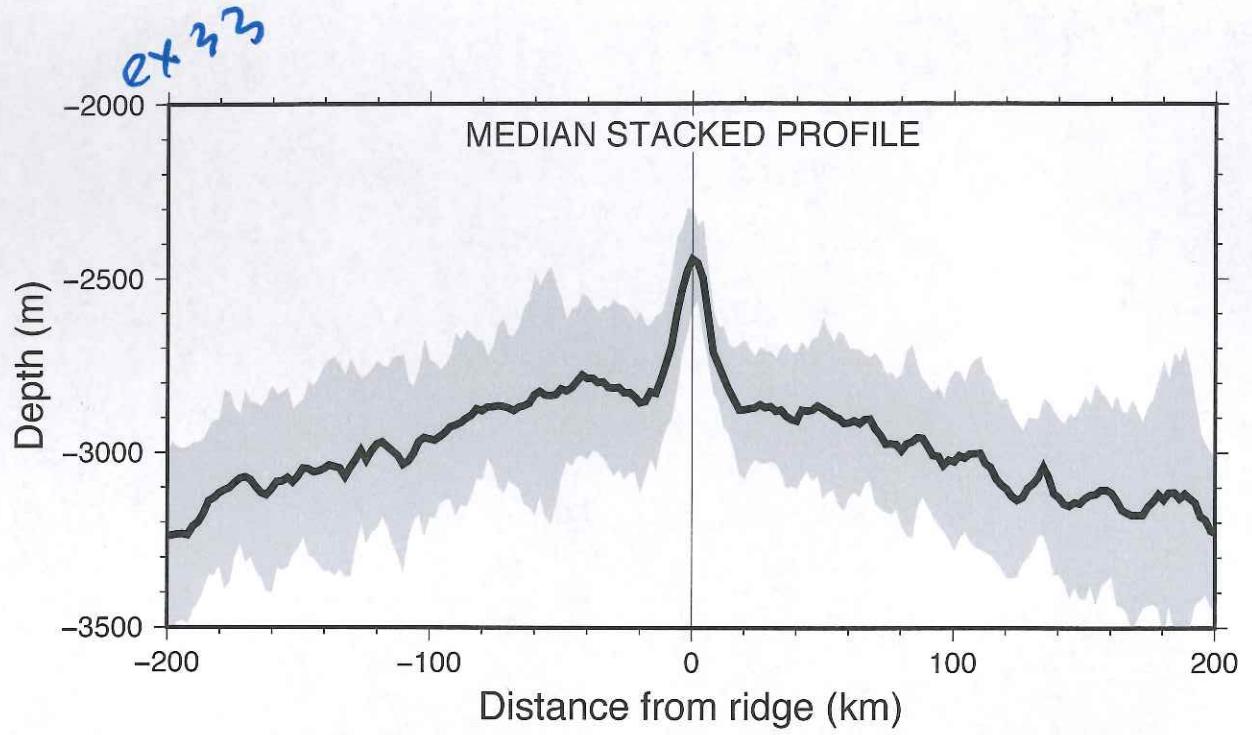
α^m

Two Trigonometric Functions



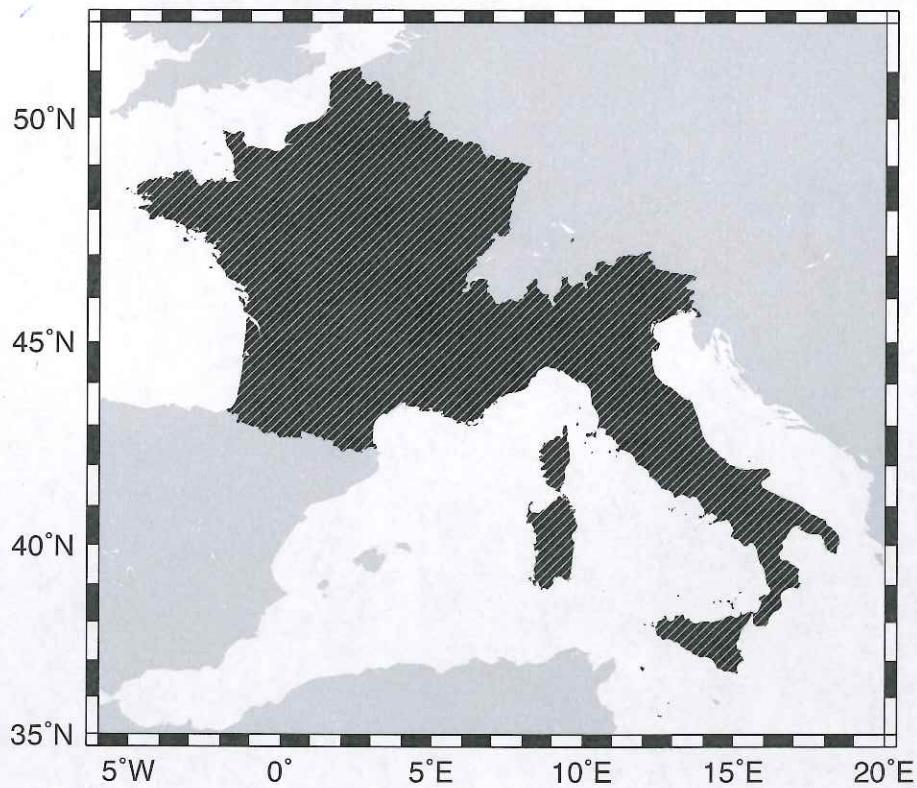
2+32





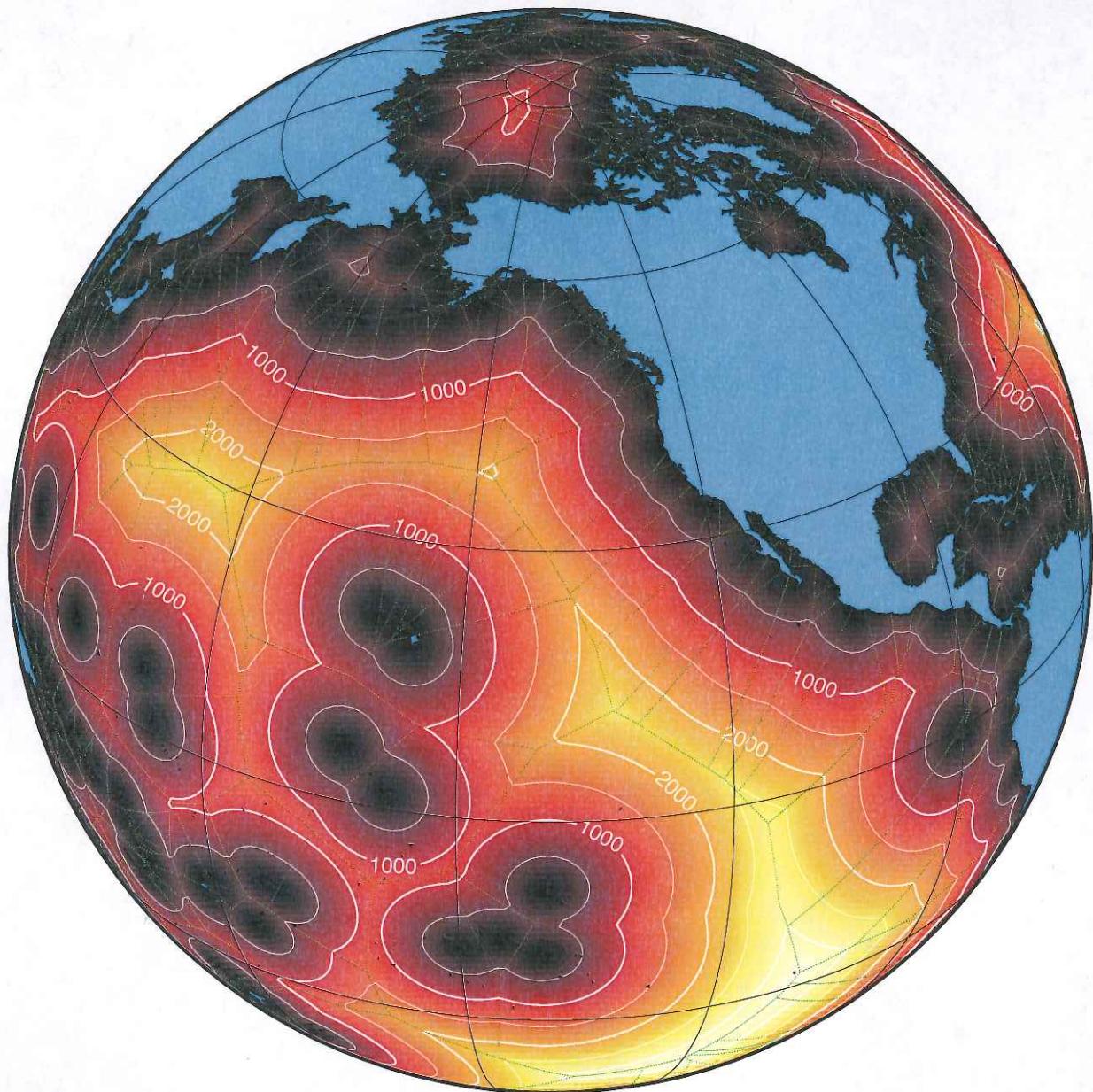
et 34

Franco–Italian Union, 2042–45

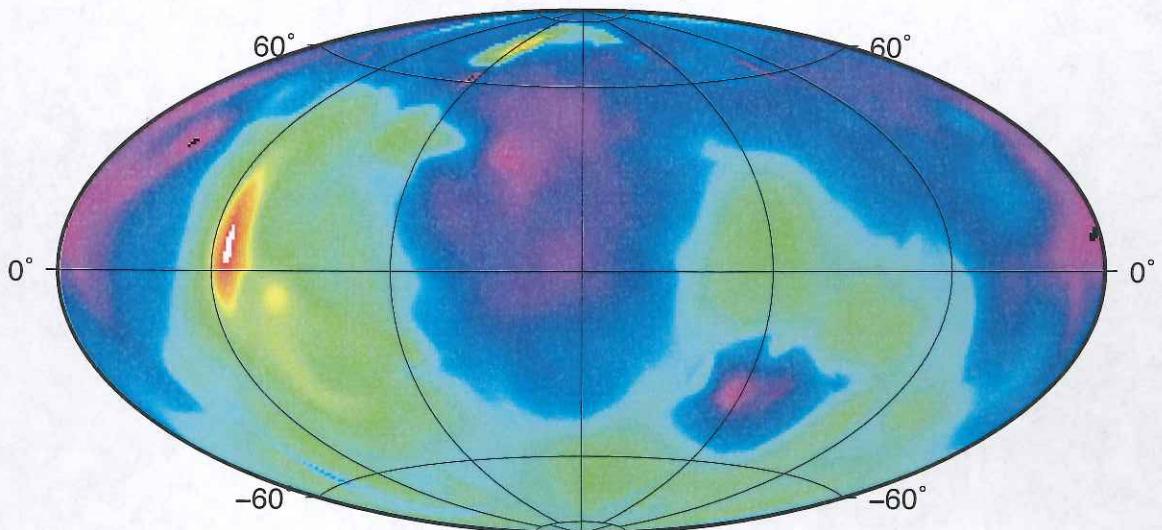
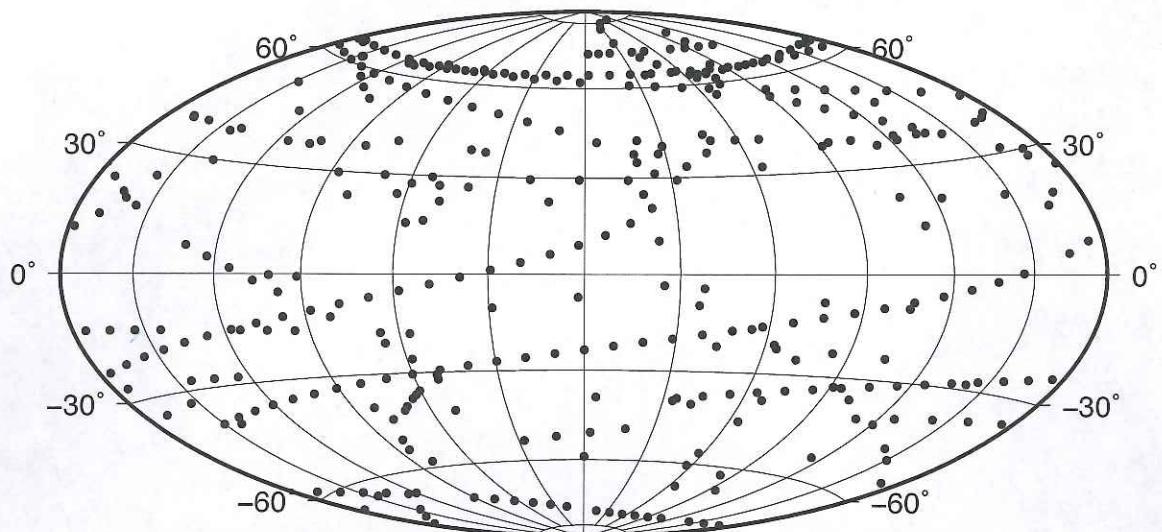
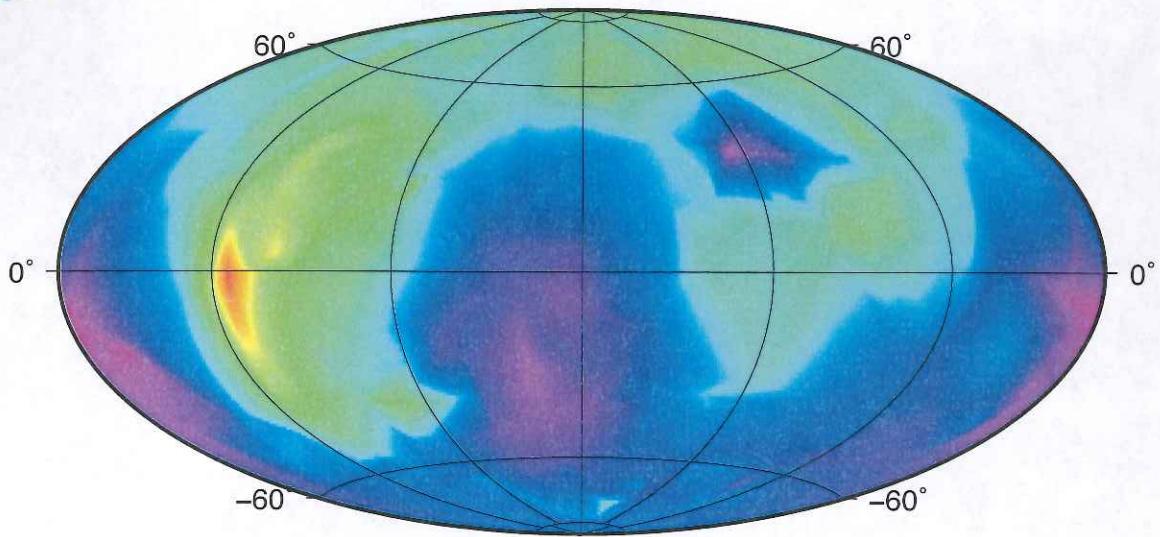


e^{+35}

Distances from GSHHG crude coastlines

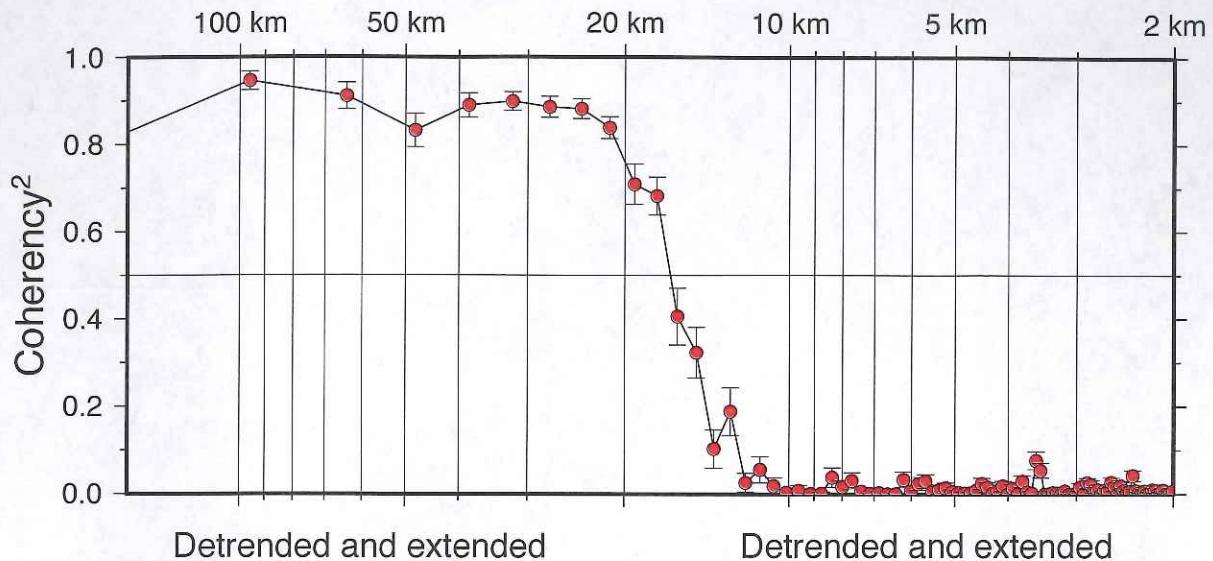


$\omega + \beta b$



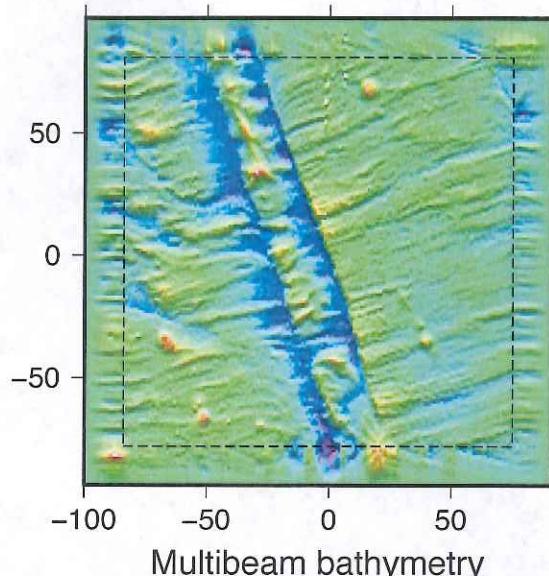
e^{+3}

Coherency between gravity and bathymetry

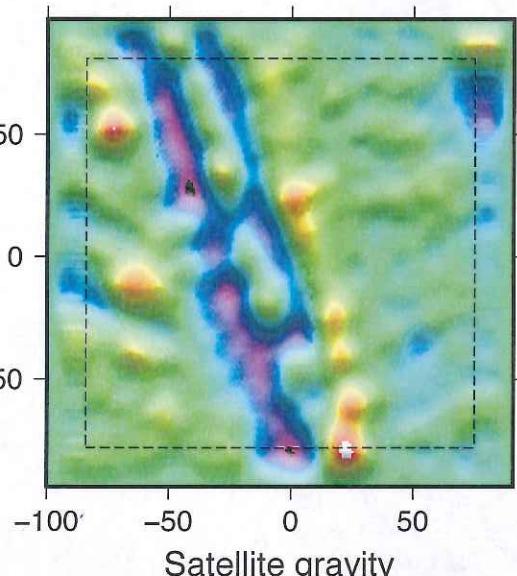


Detrended and extended

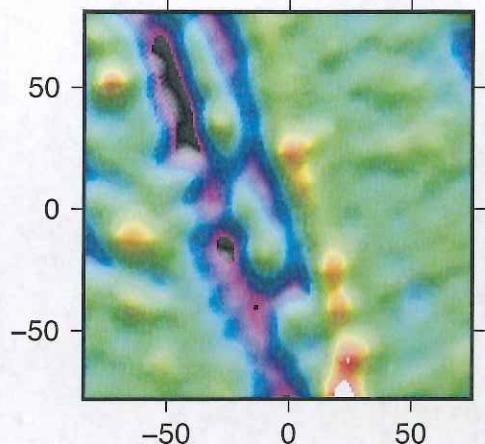
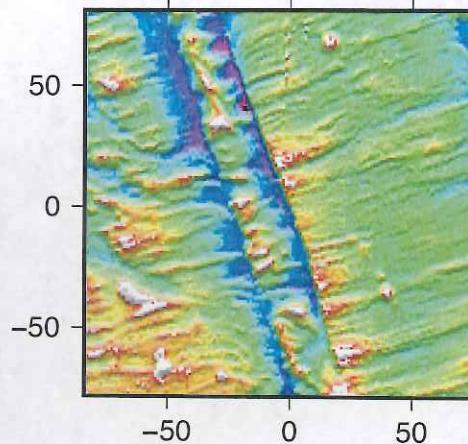
Detrended and extended



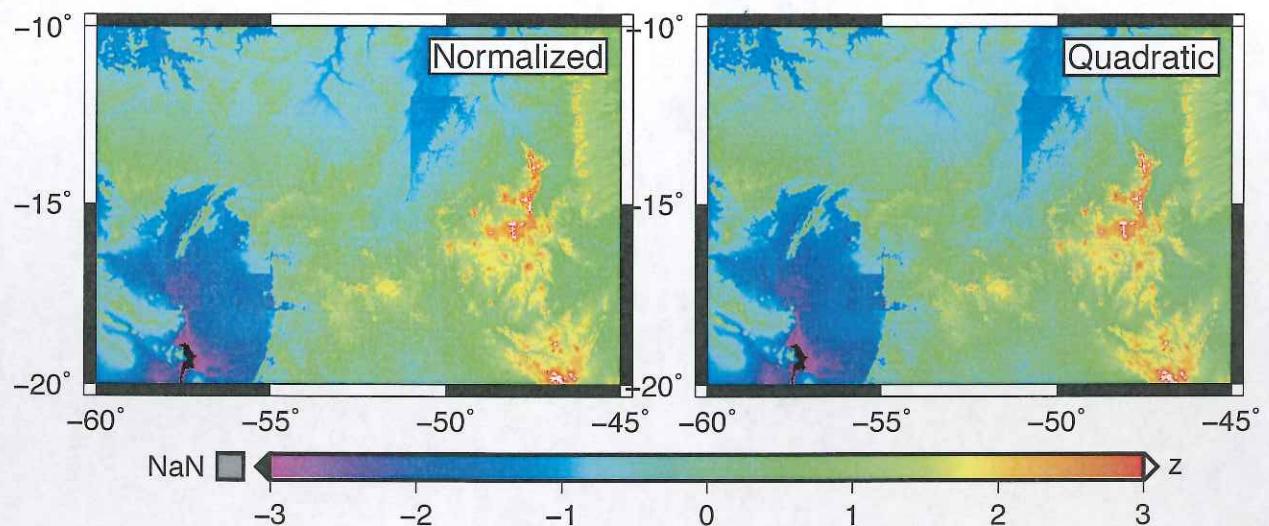
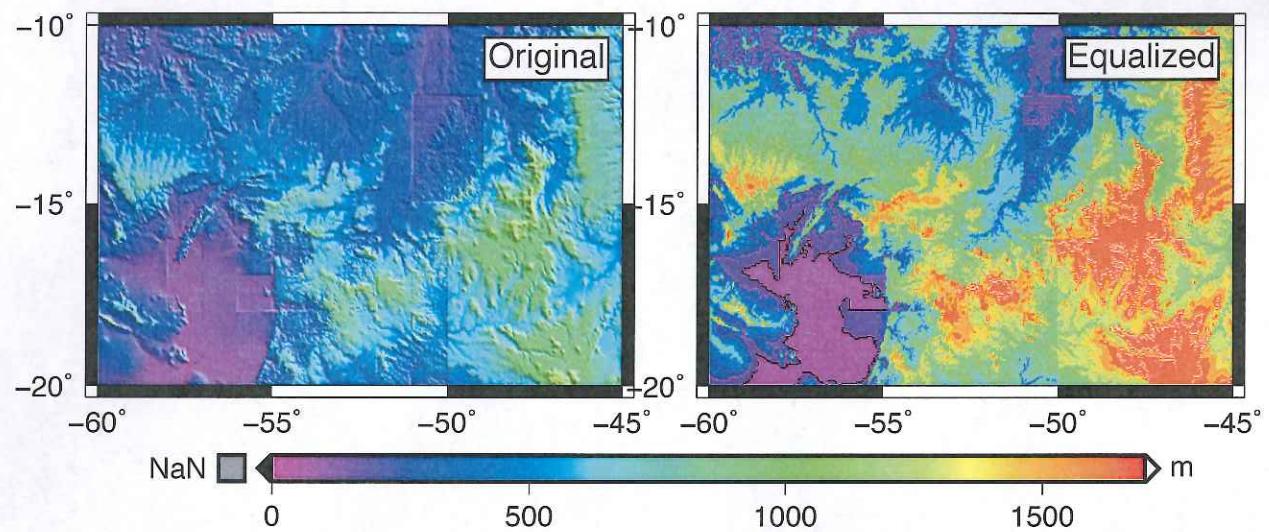
Multibeam bathymetry



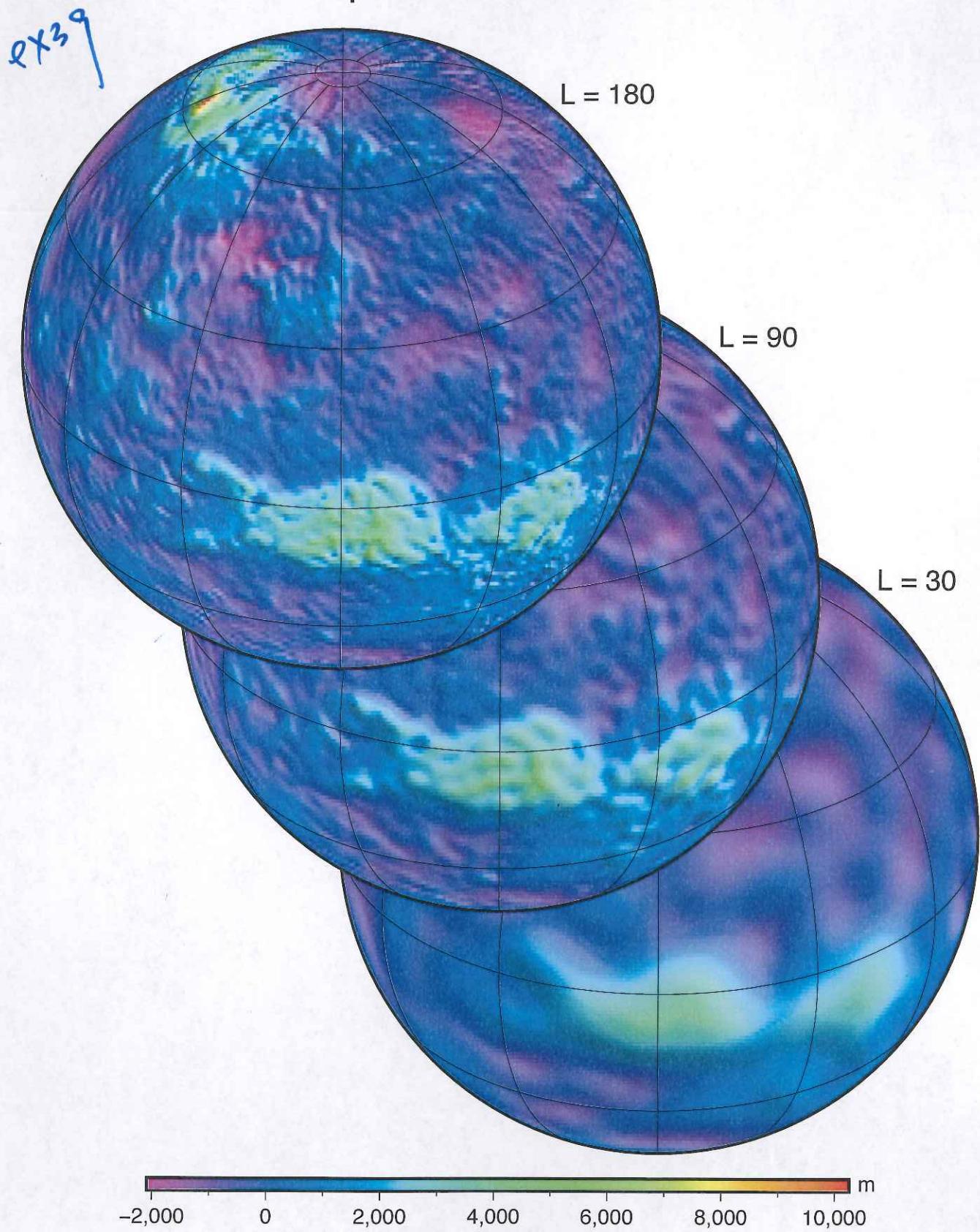
Satellite gravity

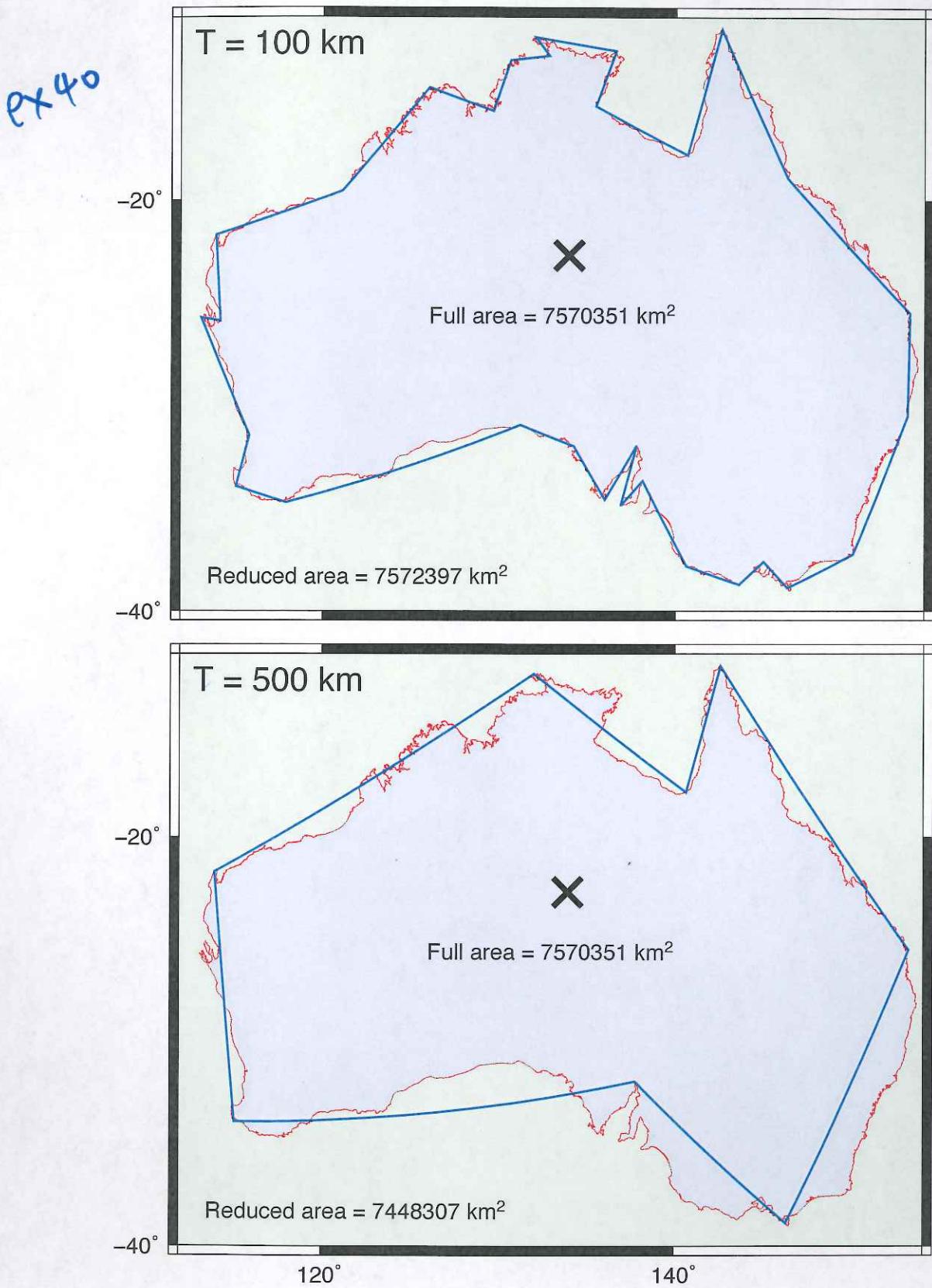


$\rho \times 38$



Venus Spherical Harmonic Model





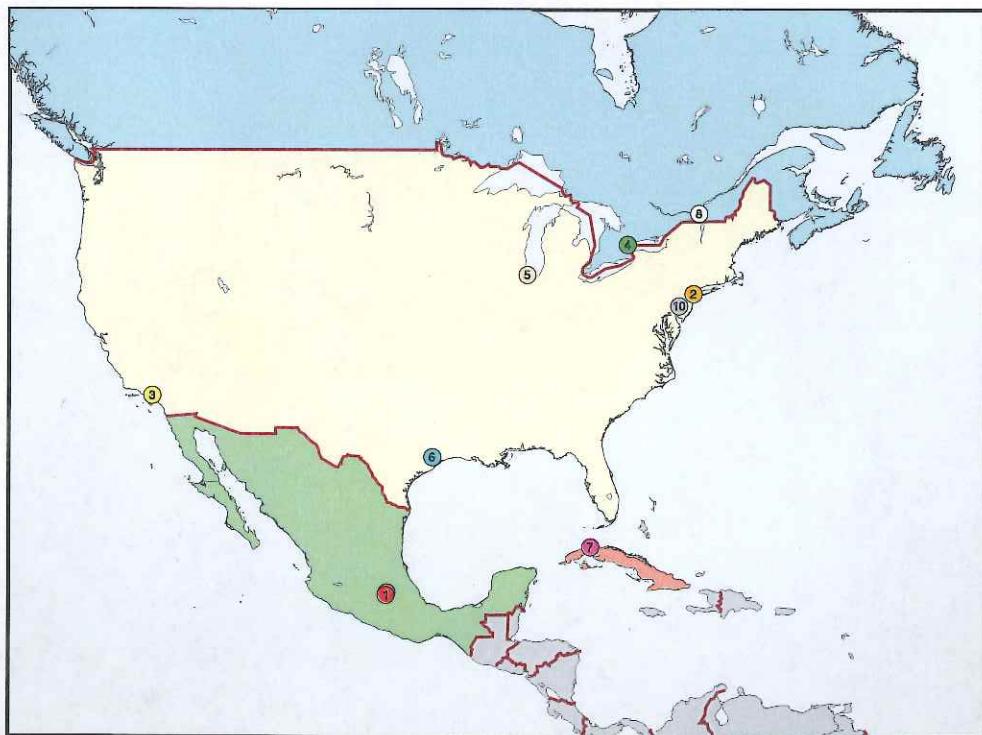
et 41

Ten Largest Cities in North America

#		City Name	Country	Population	Climate	WC?	OL?
1	●	Mexico City	Mexico	8,851,080	Tropical	Y	Y
2	●	New York City	USA	8,405,837	Tempered	Y	N
3	●	Los Angeles	USA	3,904,657	Subtropical	Y	Y
4	●	Toronto	Canada	2,795,060	Tempered	N	N
5	●	Chicago	USA	2,714,856	Tempered	Y	N
6	●	Houston	USA	2,714,856	Subtropical	N	N
7	●	Havana	Cuba	2,106,146	Tropical	N	N
8	●	Montreal	Canada	1,649,519	Tempered	N	Y
9	●	Ecatepec de Morelos	Mexico	1,658,806	Tropical	N	N
10	●	Philadelphia	USA	1,553,165	Tempered	N	N

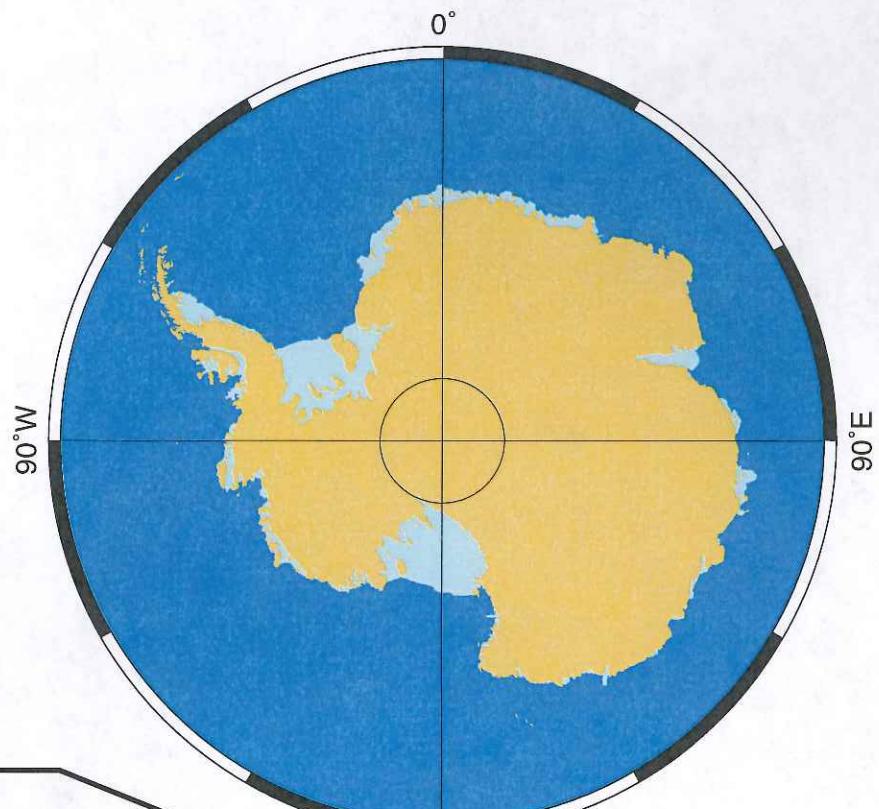
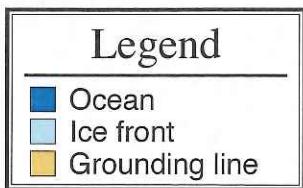
Information from Wikipedia

Many of these North American cities have hosted the Football World Cup (WC) and some have hosted the Olympics (OL). The rest is just some basic information about each city, such as climate and population. Of course, this is all an excuse to demonstrate variable-width tables and coloring, as well as a custom number-symbol on the map.

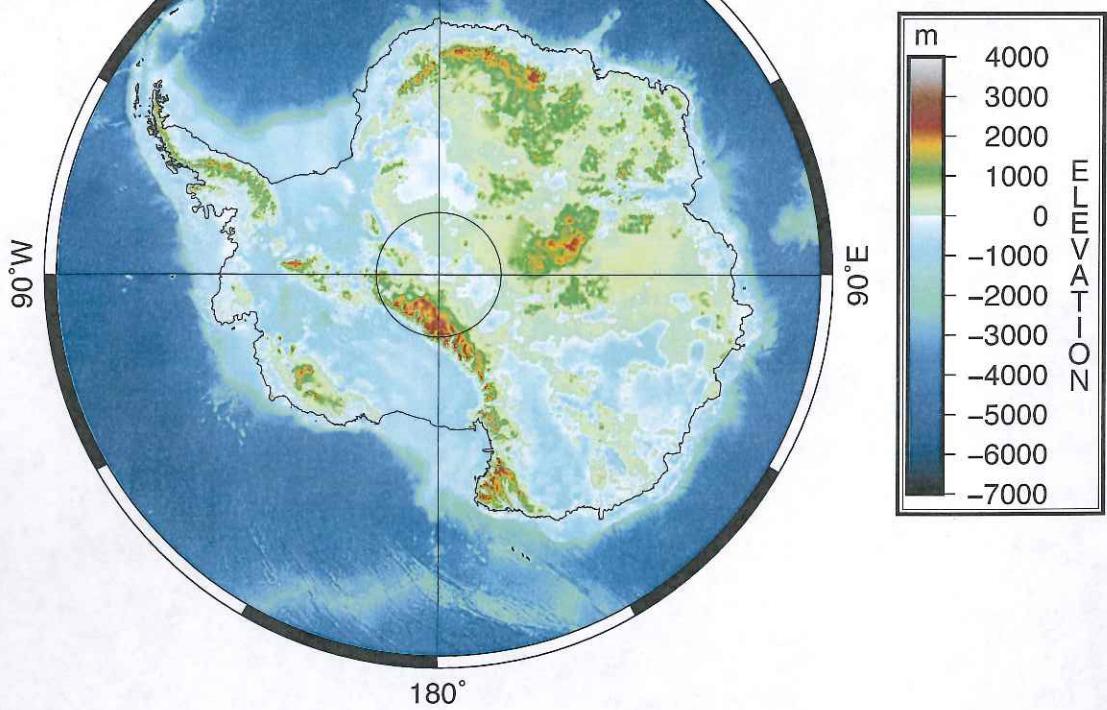


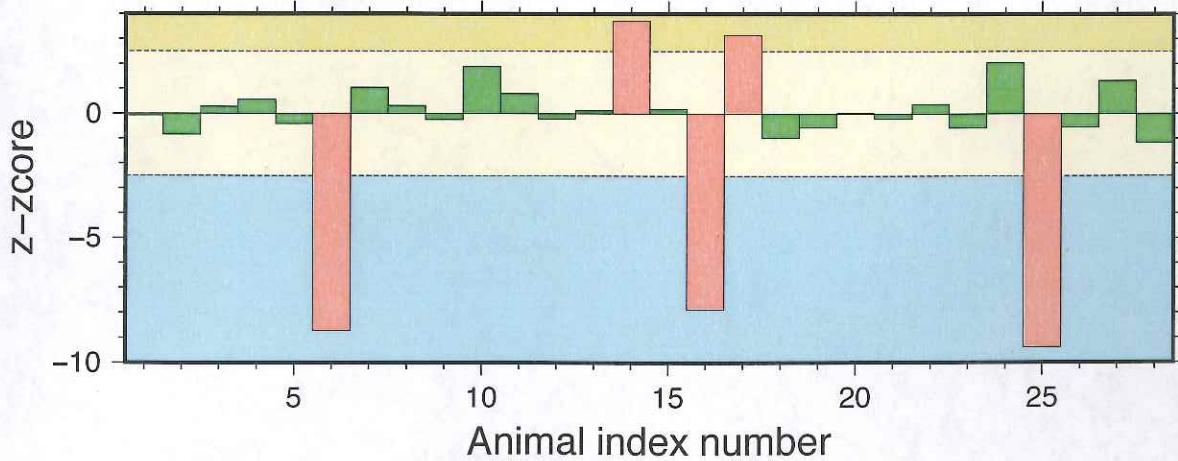
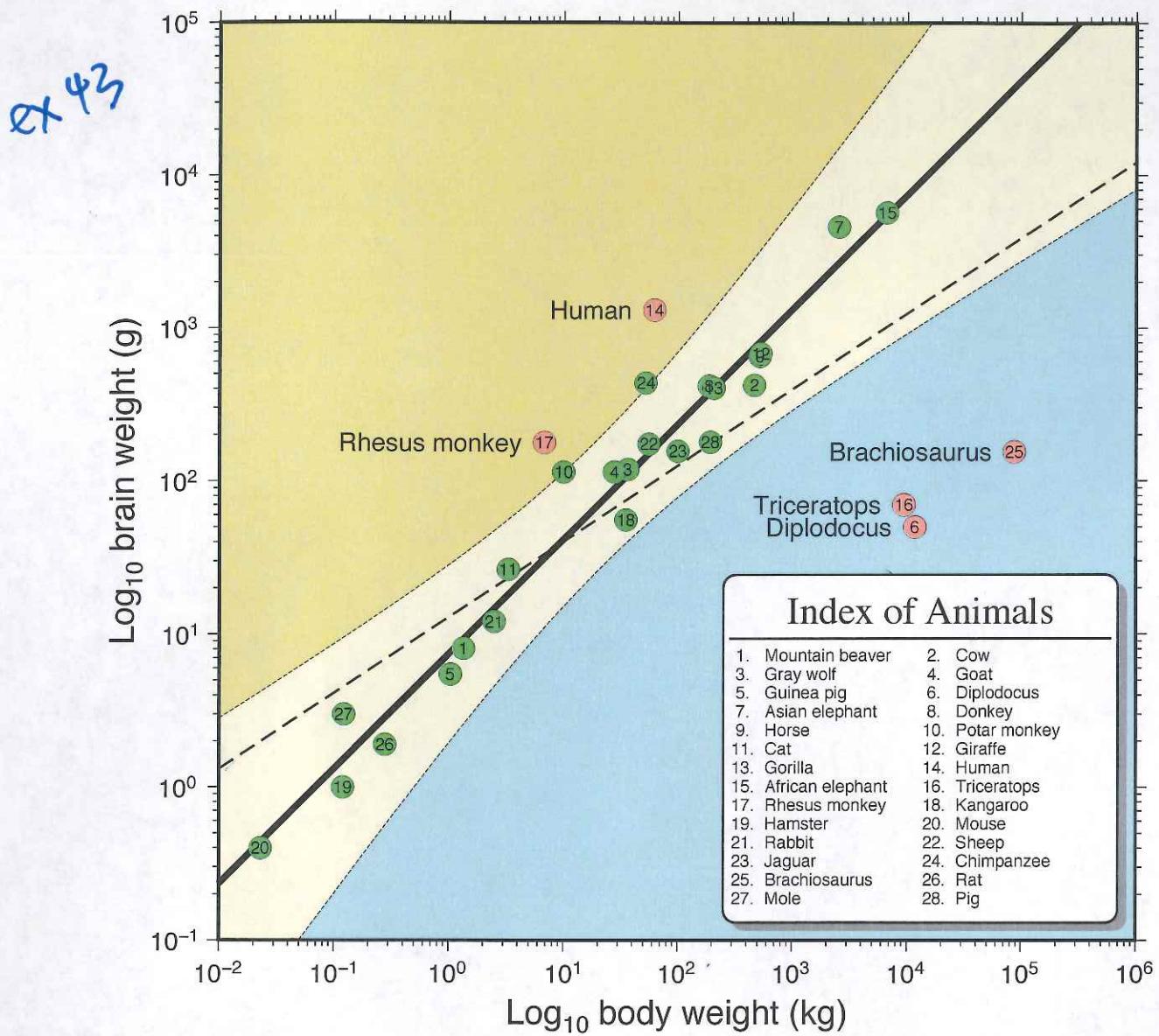
GSHHG

ext⁴²

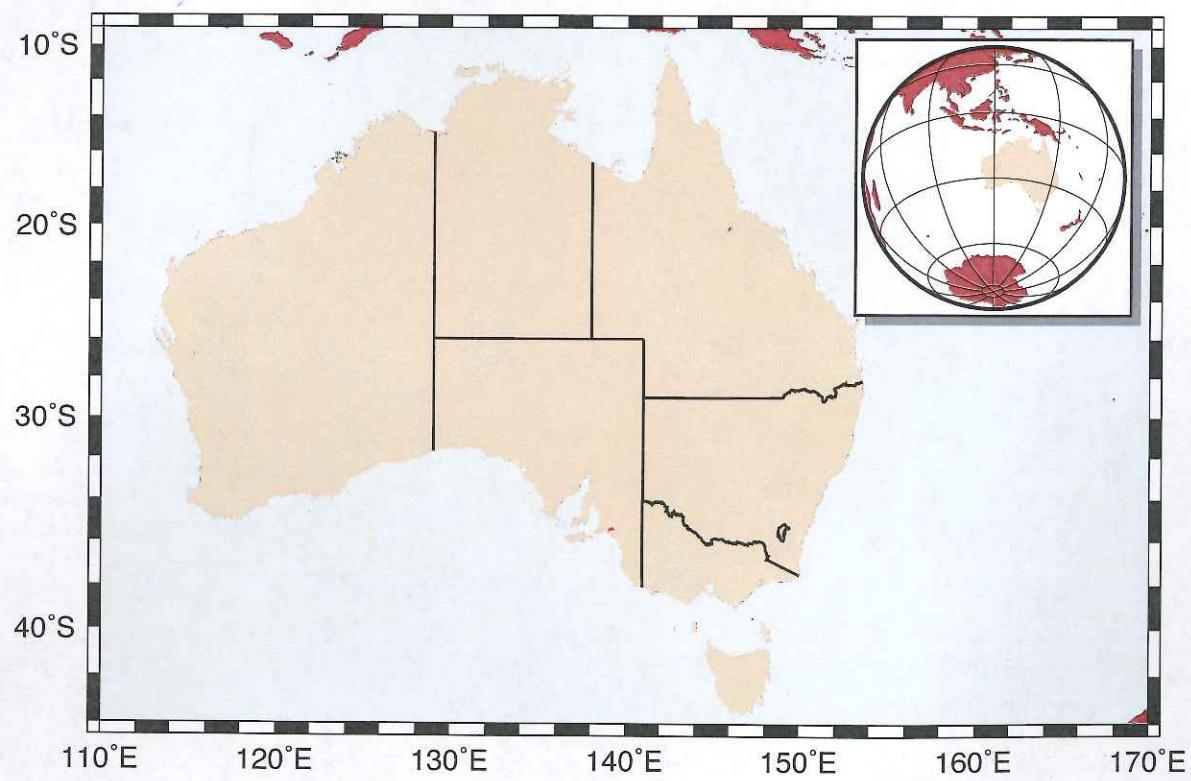
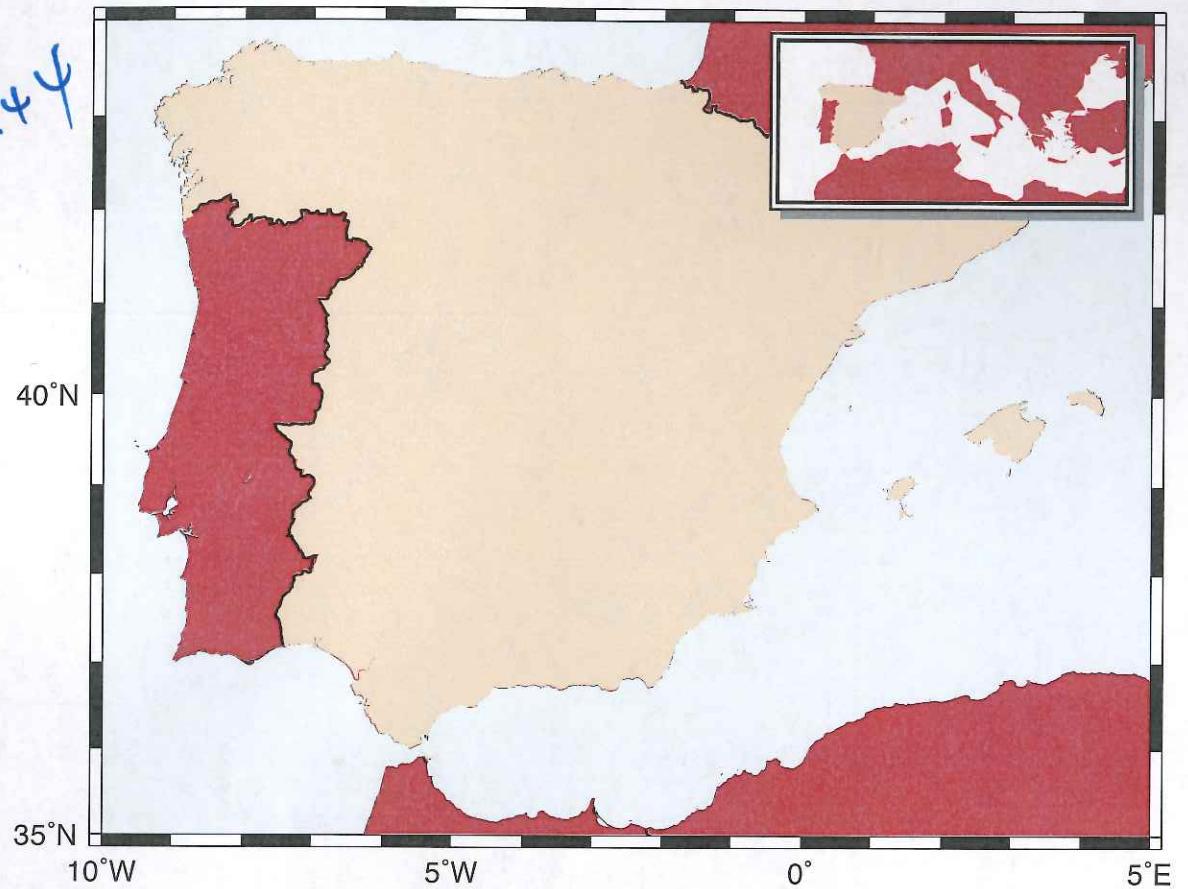


BEDMAP





ex44



Ex 45

The Keeling Curve [CO₂ at Mauna Loa]

