

DANA01RR Quality Control Report

Cruise Data

- Track chart

- Meteorology

 - Air temperature

 - Barometric pressure

 - Humidity

 - Precipitation

 - Short wave radiation

 - Long wave radiation

- Wind

 - Wind speed and direction (relative)

 - Wind speed and direction (true)

 - Ship speed and direction

- Surface sound velocity

 - Water temperature

 - Conductivity

 - Salinity

 - Surface sound velocity

- Expendable bathythermographs

- Sound velocity profiles

- Ashtech 3D GPS attitude

- Underway data plots

 - Ship heading

 - Speed, knots

 - Total gravity, mgal

 - Faa, mgal

 - Depth, meters

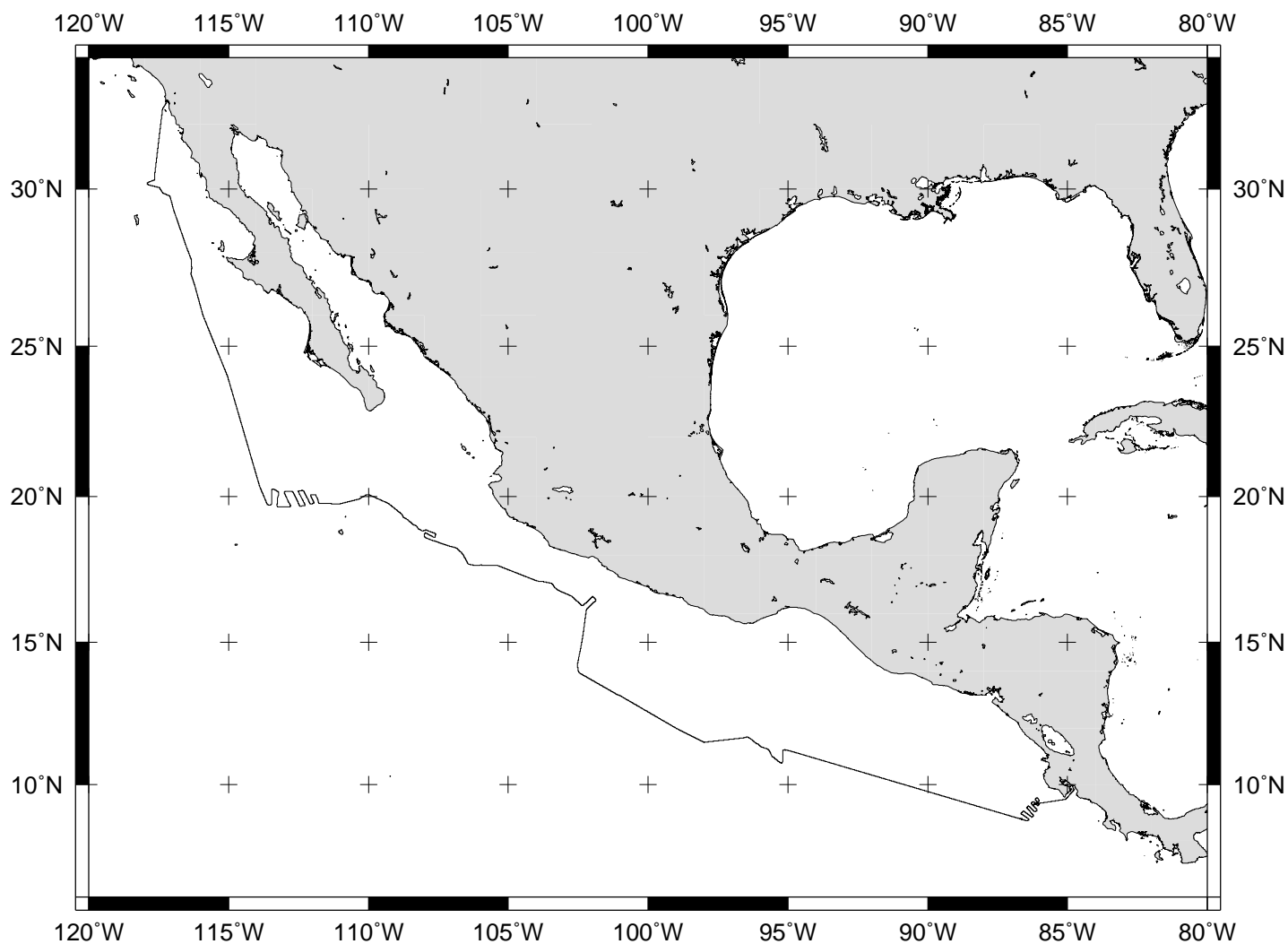
 - Mag.field, nT

 - Mag anomaly, nT

Multibeam bathymetry contour plots

Multibeam sidescan plots

(Note – to view bookmarks in Adobe Acrobat, press <F5>).



DANA EXPEDITION LEG 1 (DANA01RR)

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CHIEF SCIENTIST: Peter Lonsdale, Scripps Institution

PORTS: San Diego, CA - Puerto Caldera, Costa Rica

DATES: 27 September - 9 October 2003

SHIP: R/V Revelle

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-3420 miles

Magnetics-2354 miles

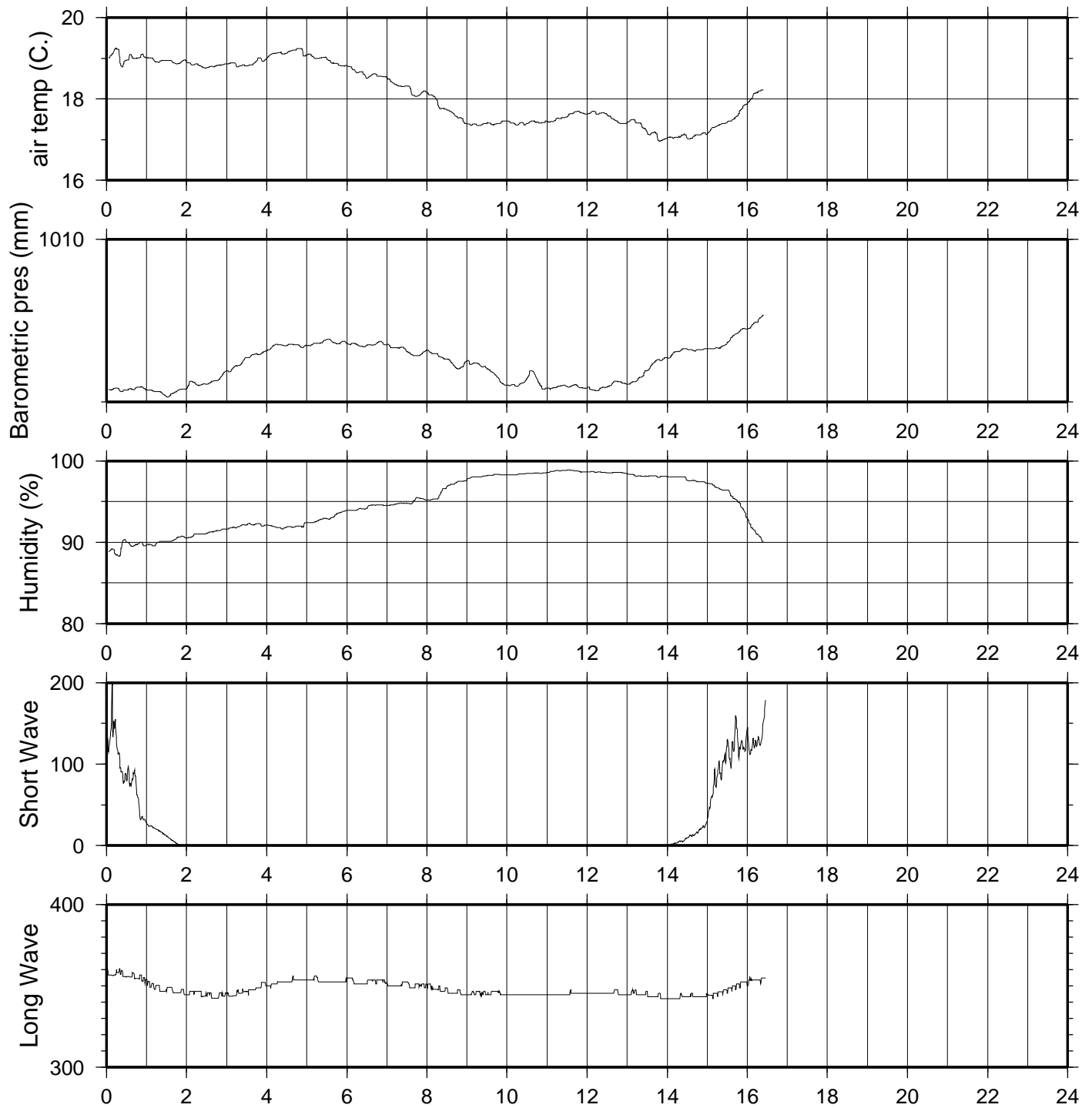
Bathymetry-3270 miles

Seismic Reflection-none collected

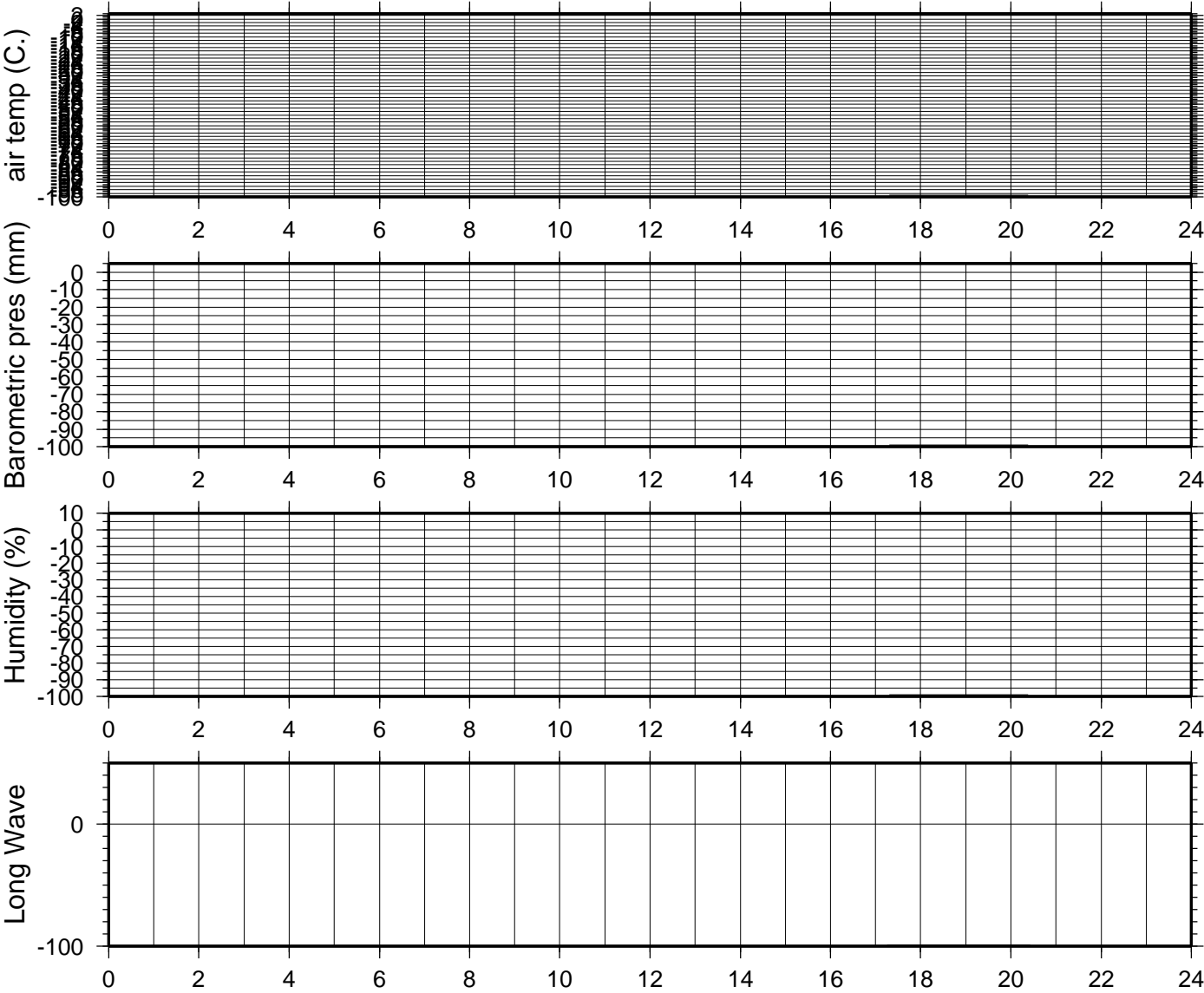
Multibeam-3270 miles

Gravity-2304 miles

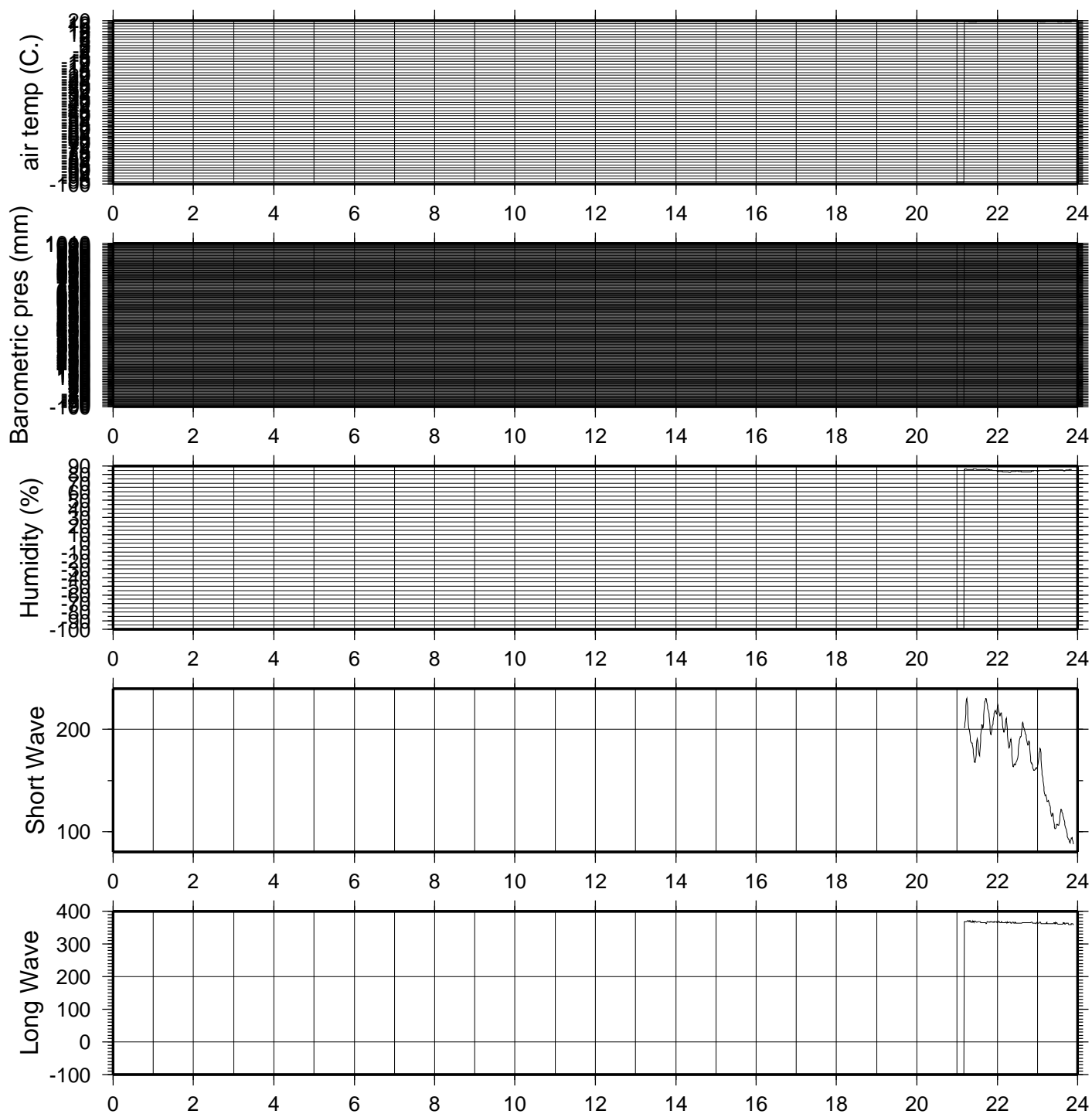
Meteorological Data CNTL15RR 2003sep23



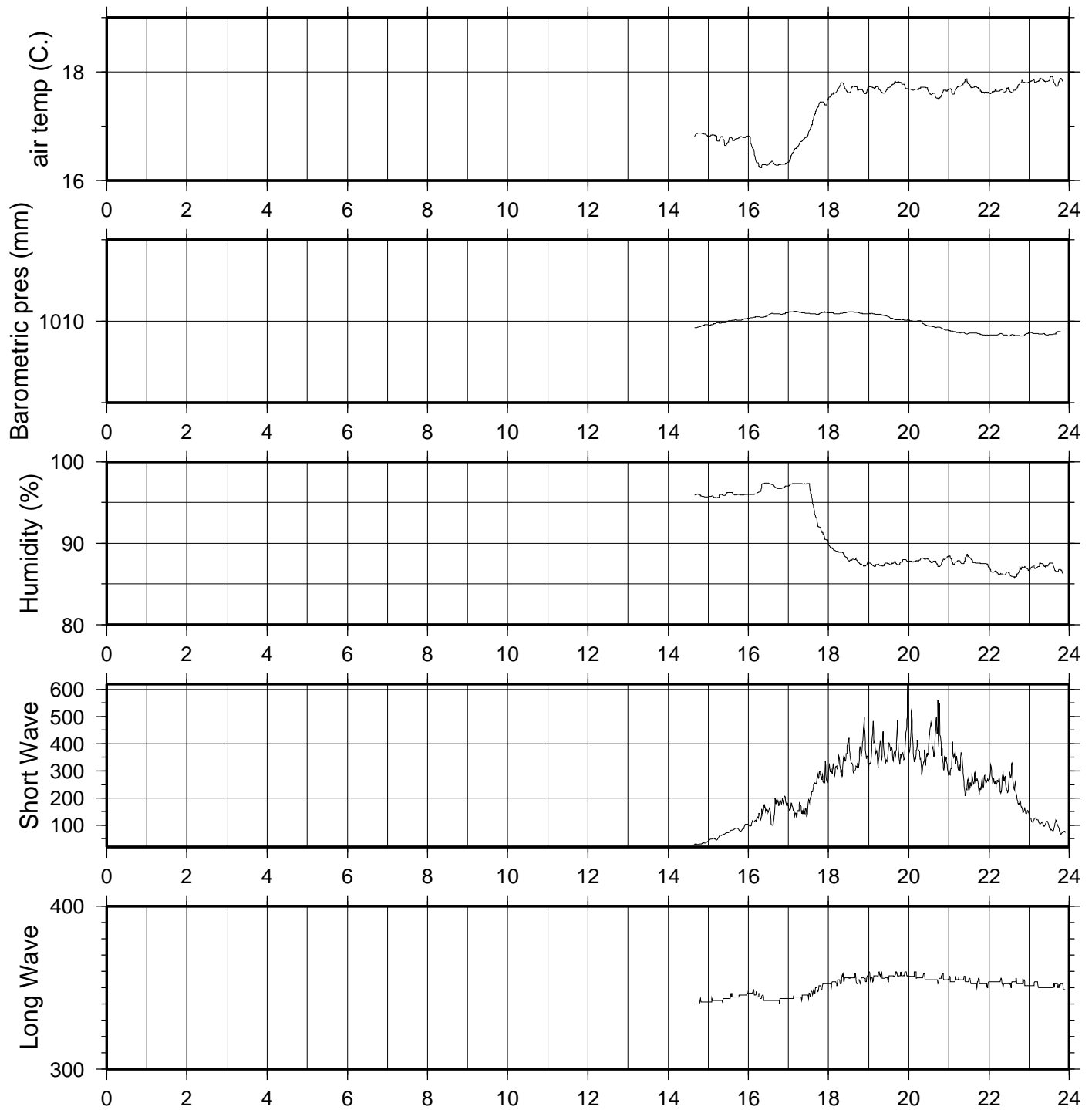
Meteorological Data CNTL15RR 2003sep24



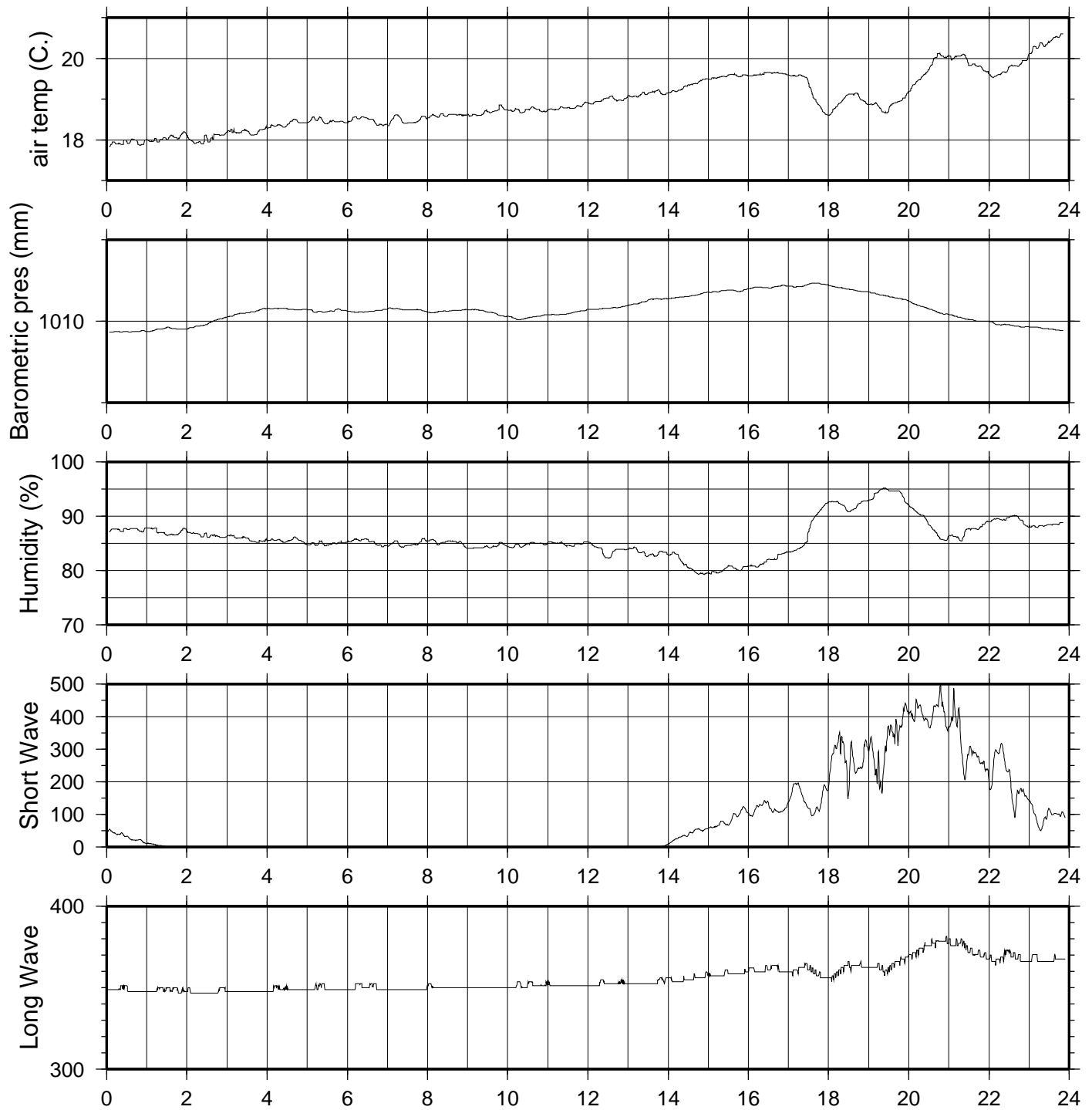
Meteorological Data CNTL15RR 2003sep26



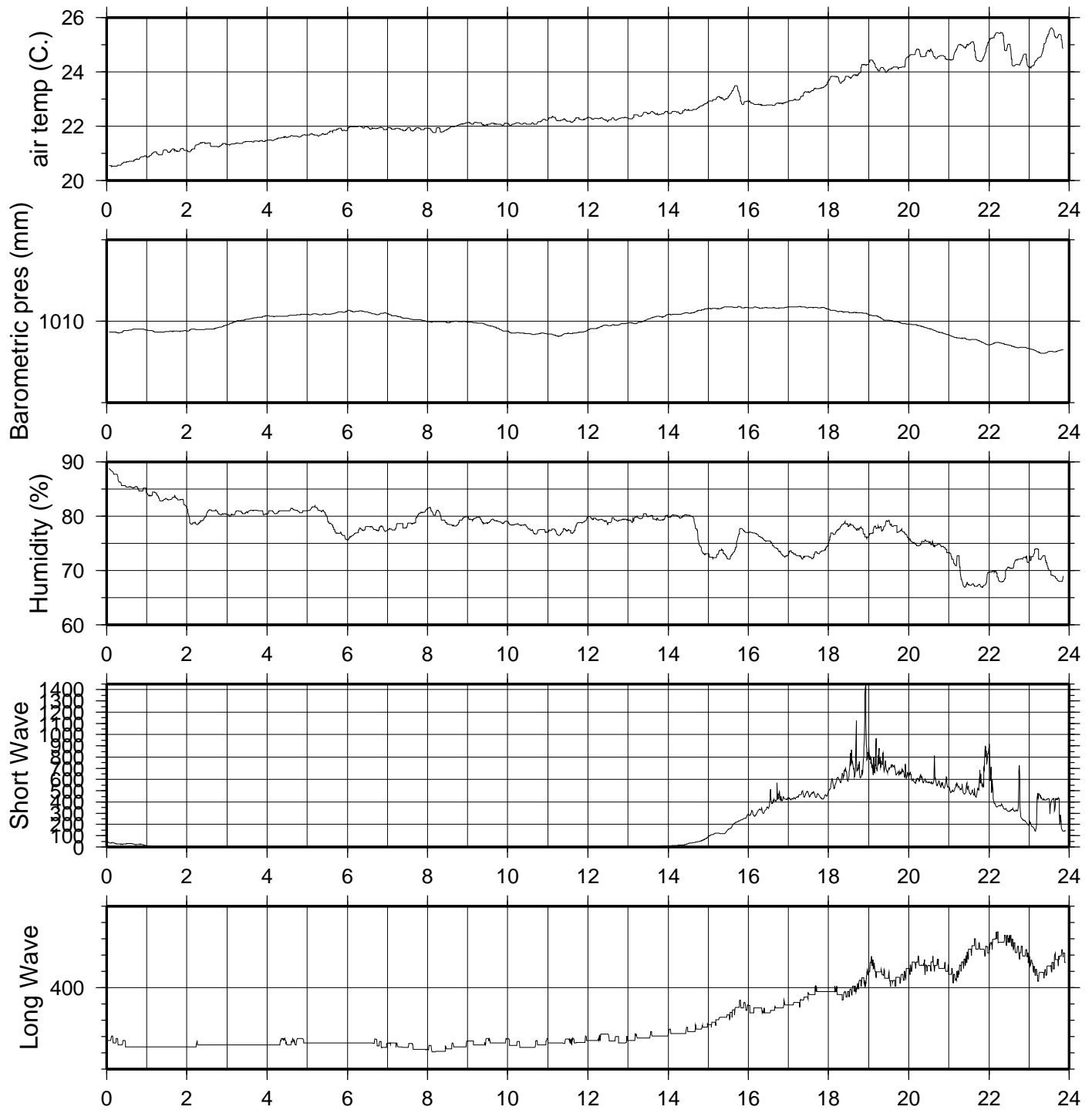
Meteorological Data DANA01RR 2003sep27



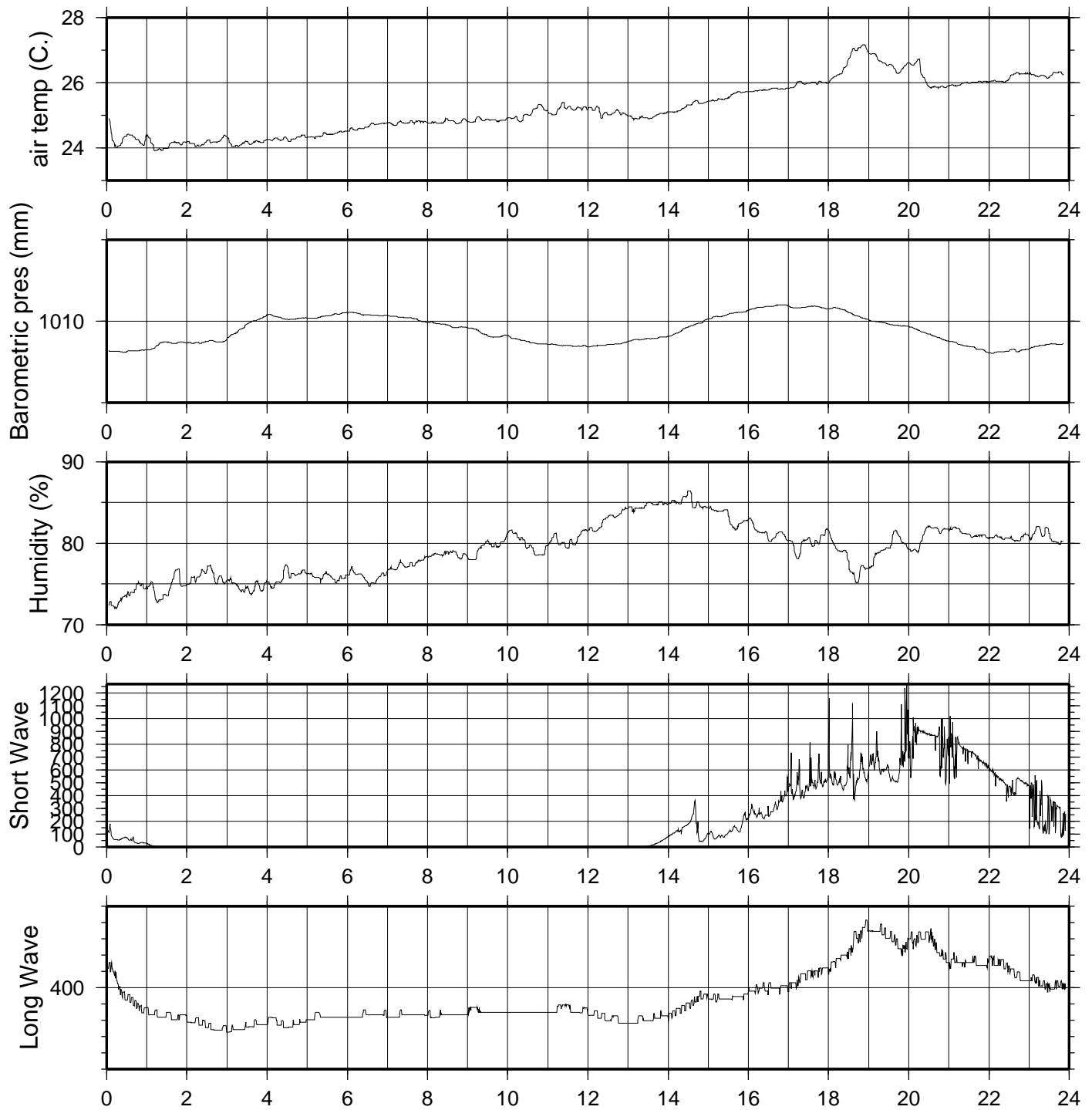
Meteorological Data DANA01RR 2003sep28



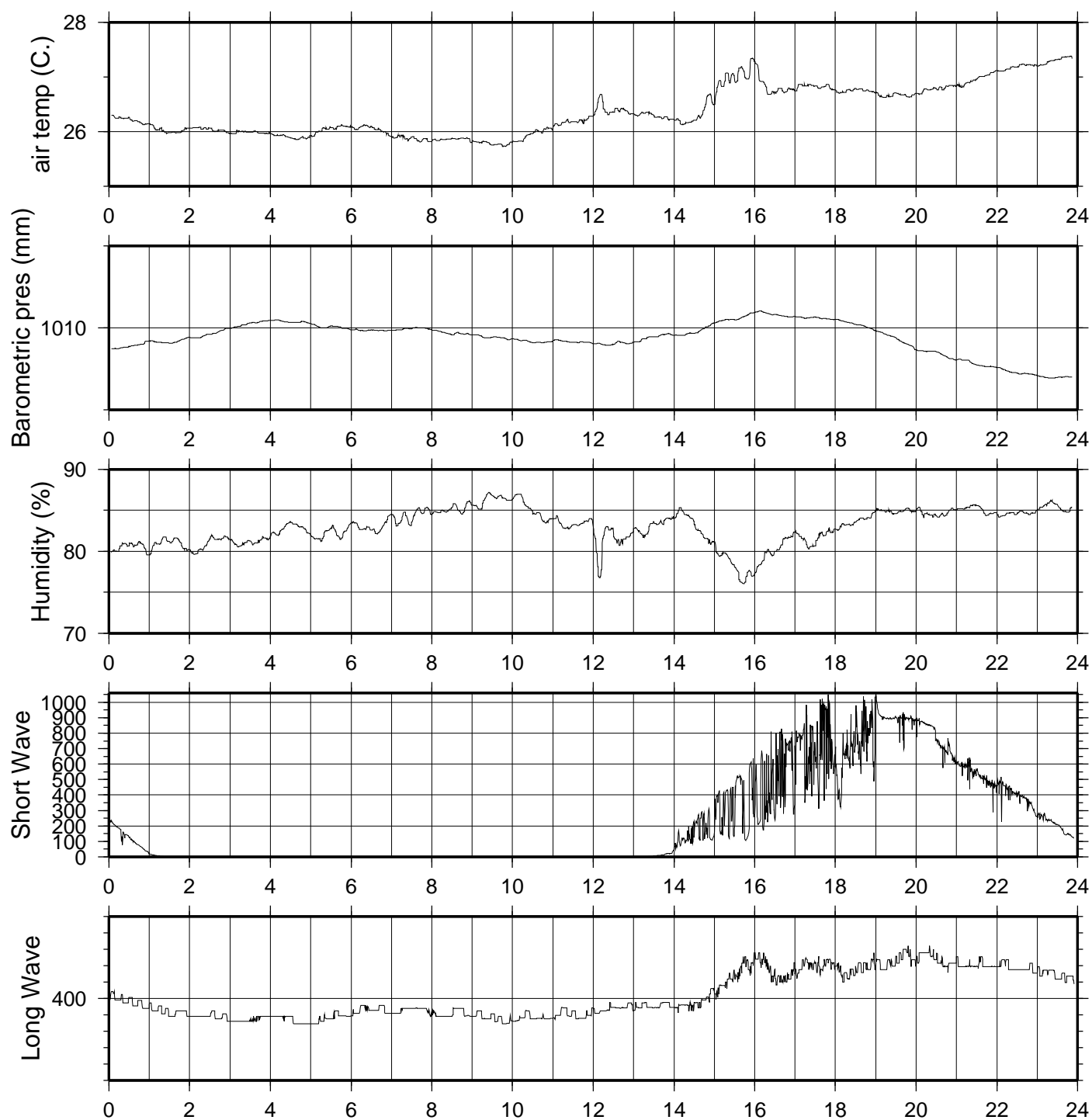
Meteorological Data DANA01RR 2003sep29



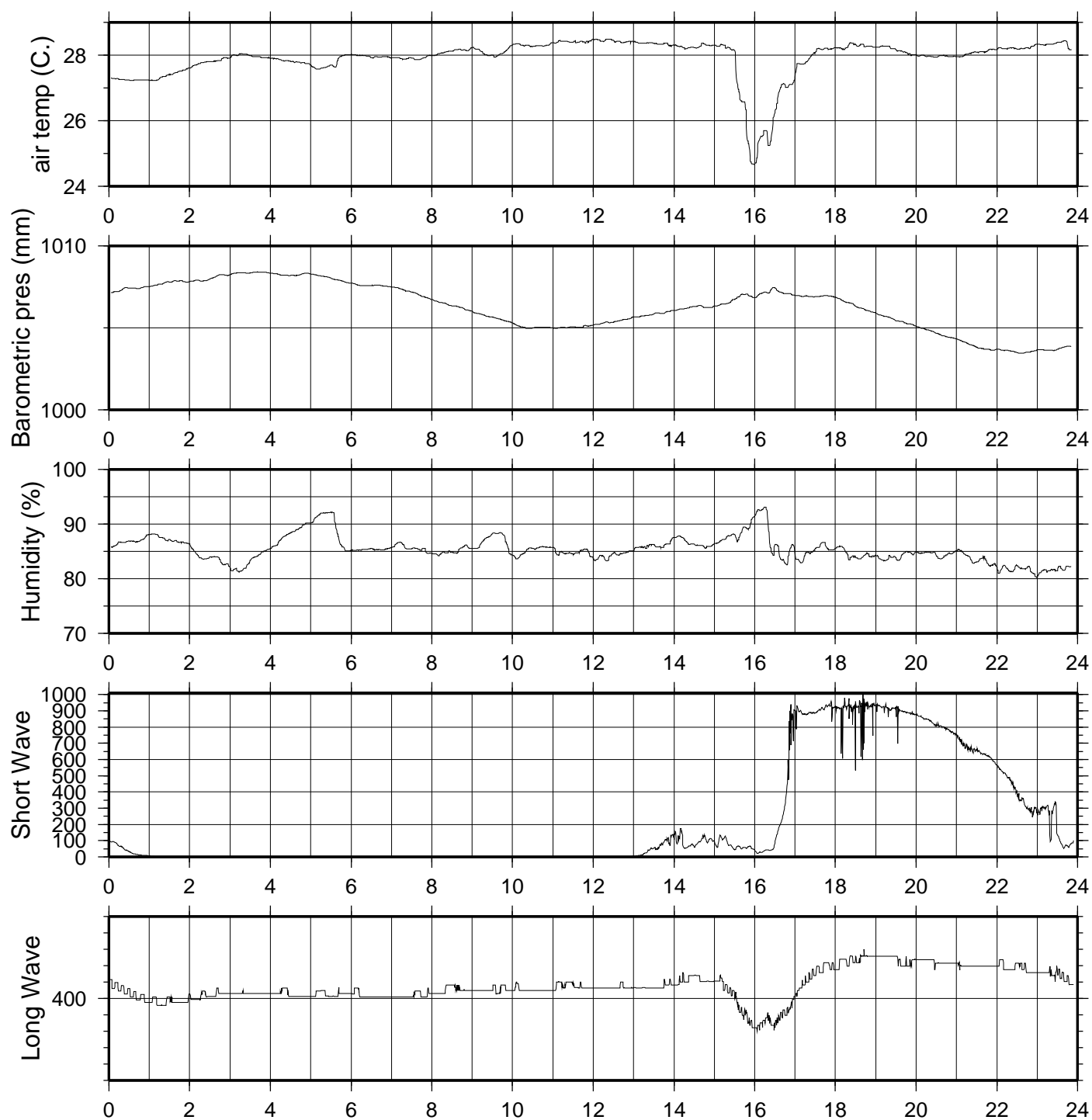
Meteorological Data DANA01RR 2003sep30



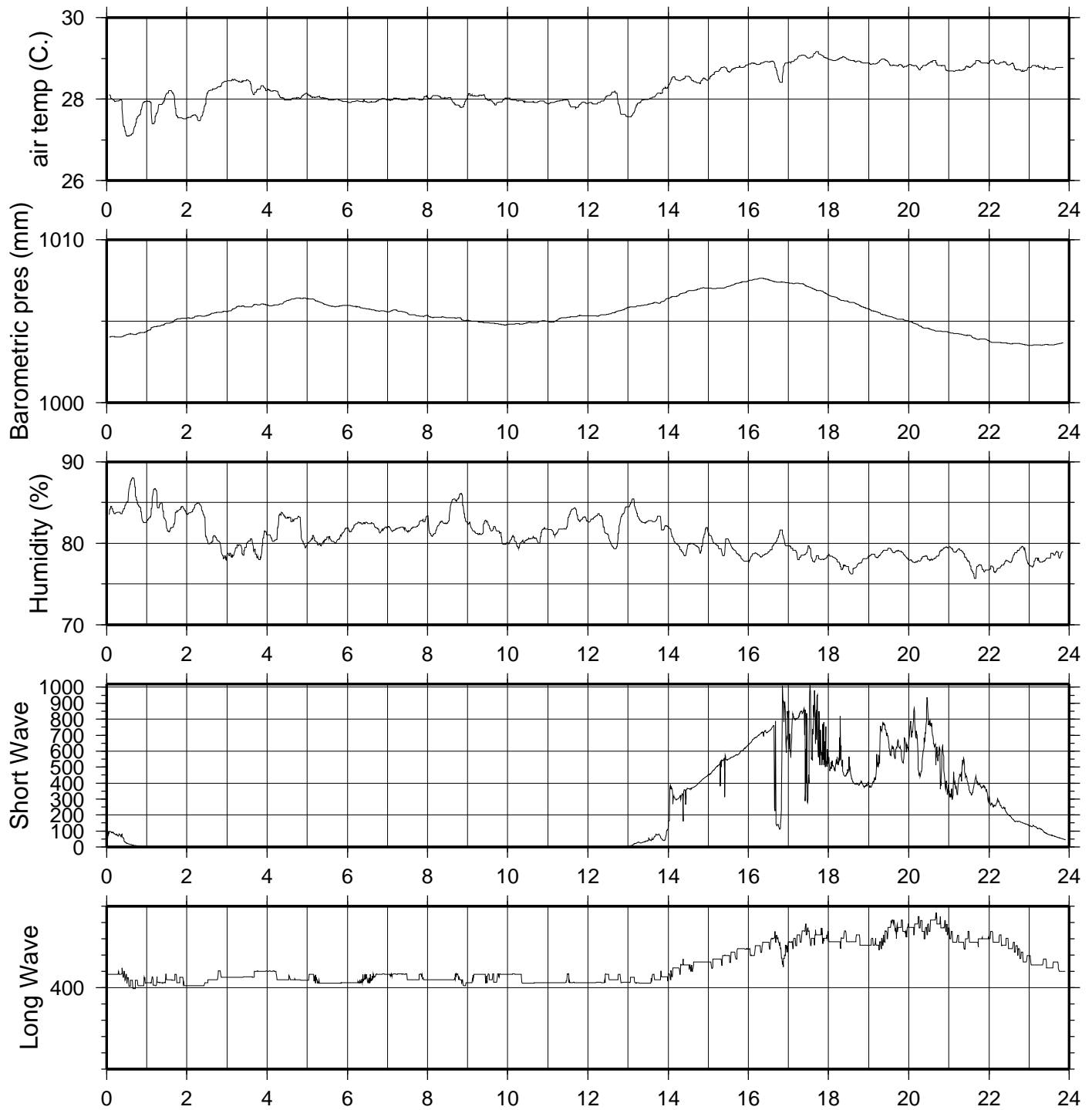
Meteorological Data DANA01RR 2003oct01



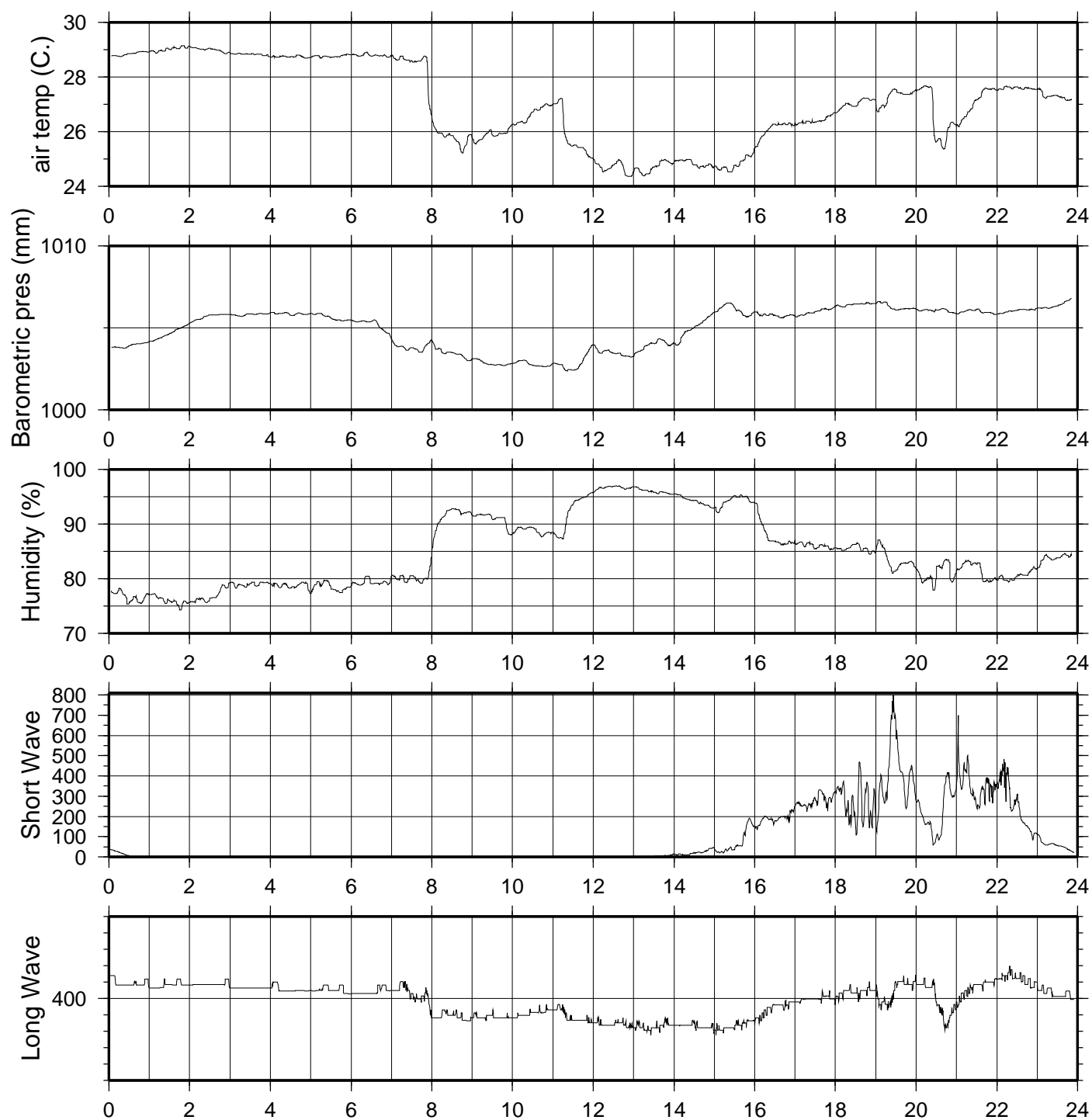
Meteorological Data DANA01RR 2003oct02



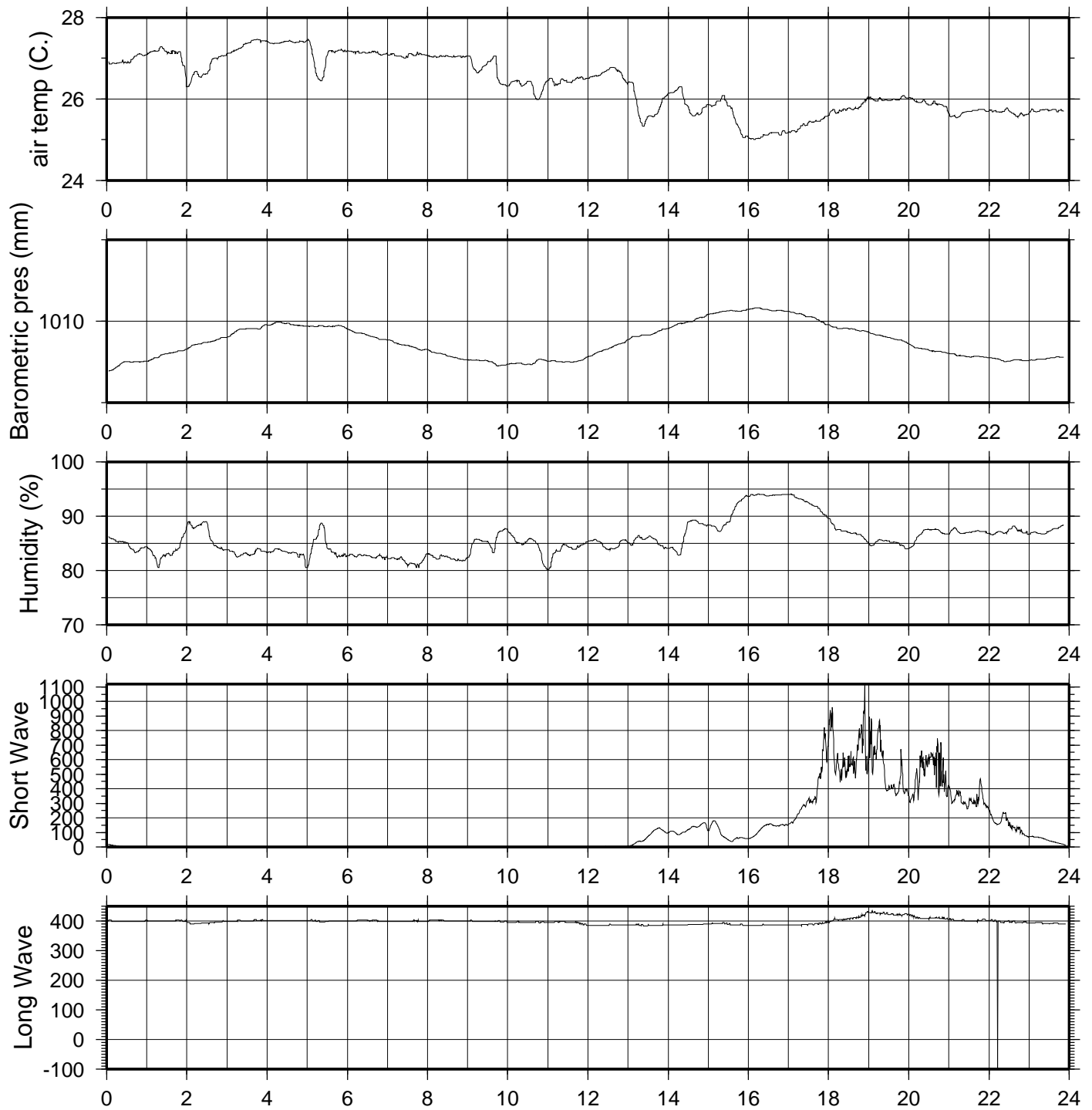
Meteorological Data DANA01RR 2003oct03



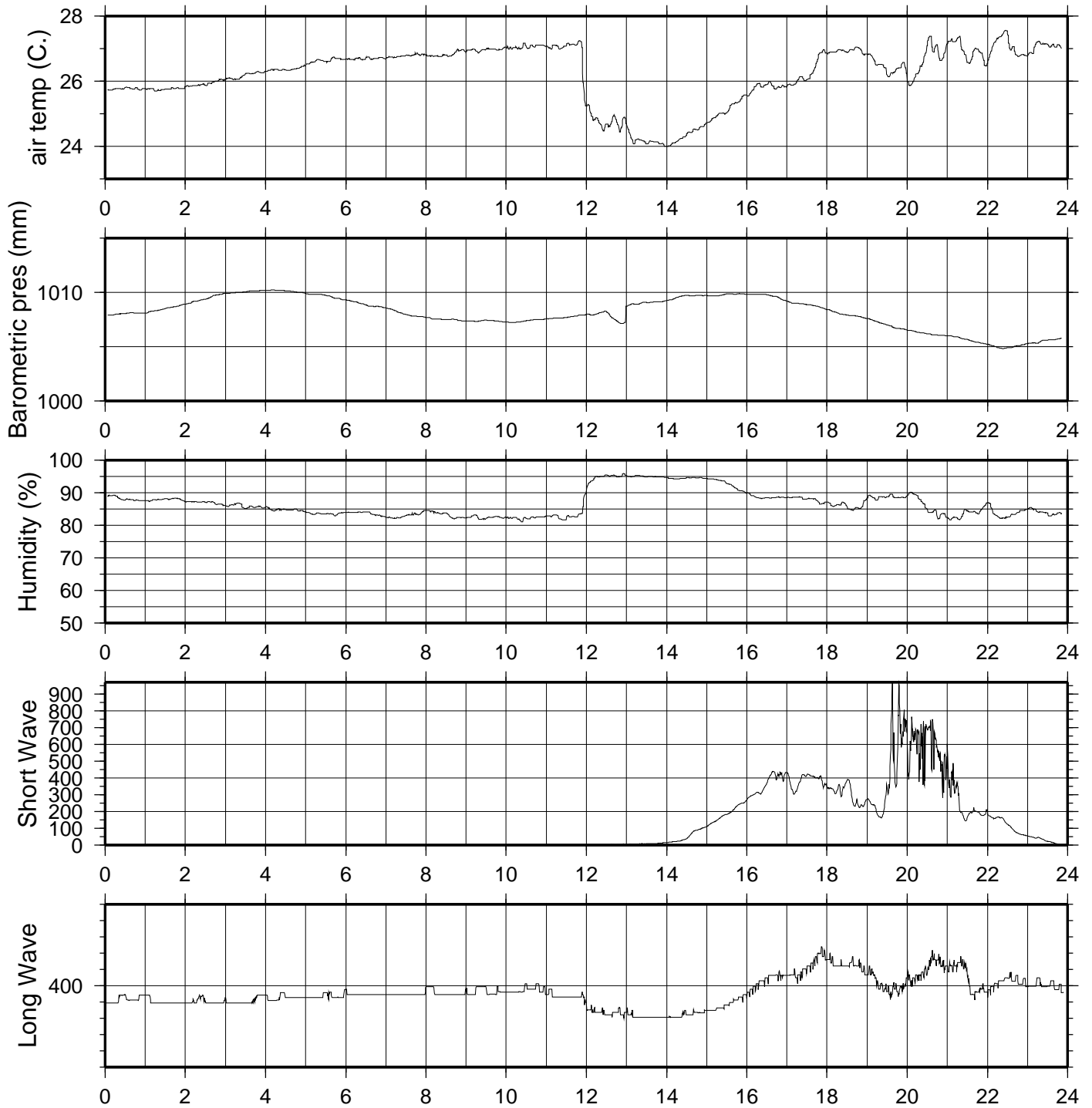
Meteorological Data DANA01RR 2003oct04



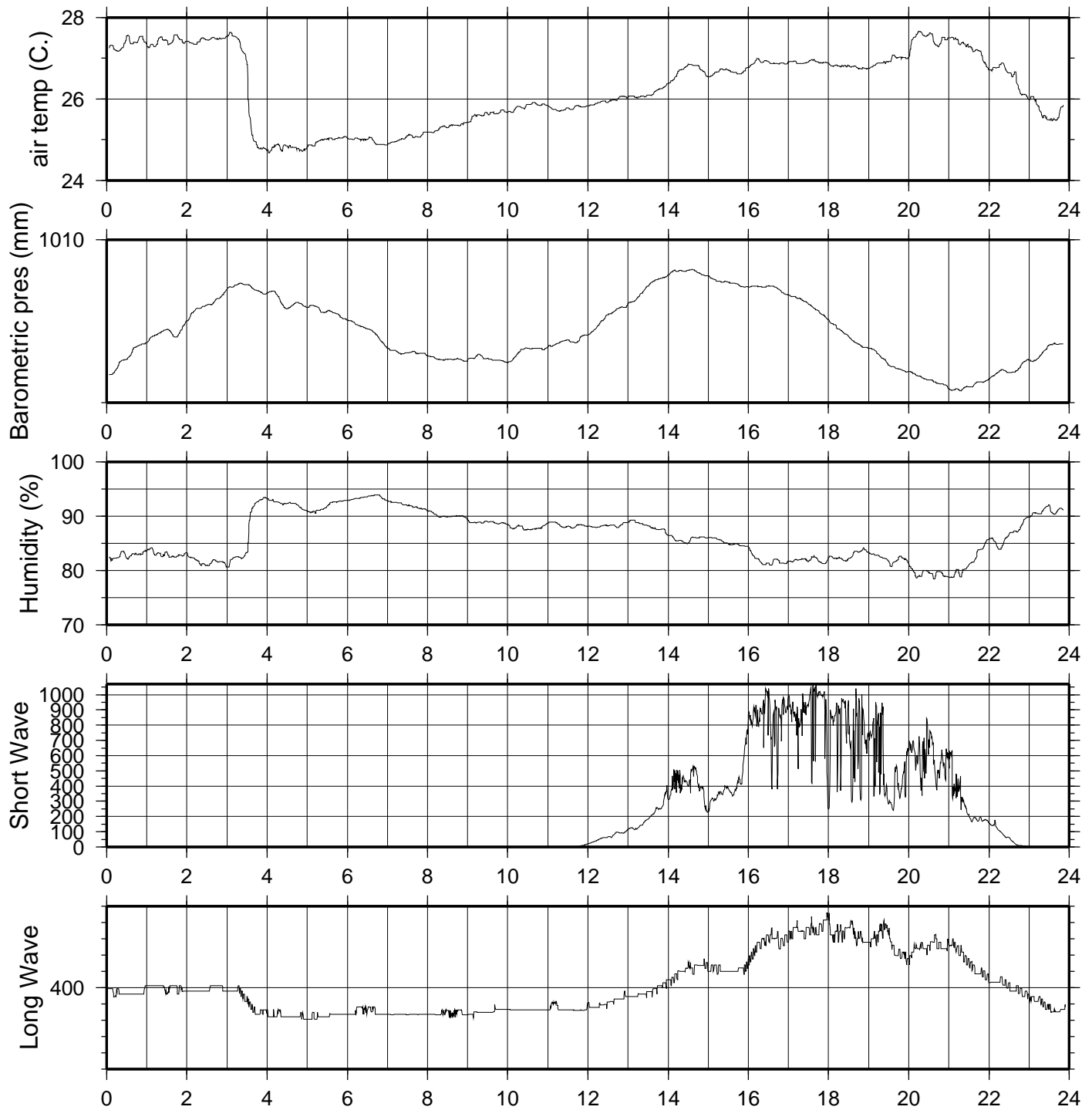
Meteorological Data DANA01RR 2003oct05



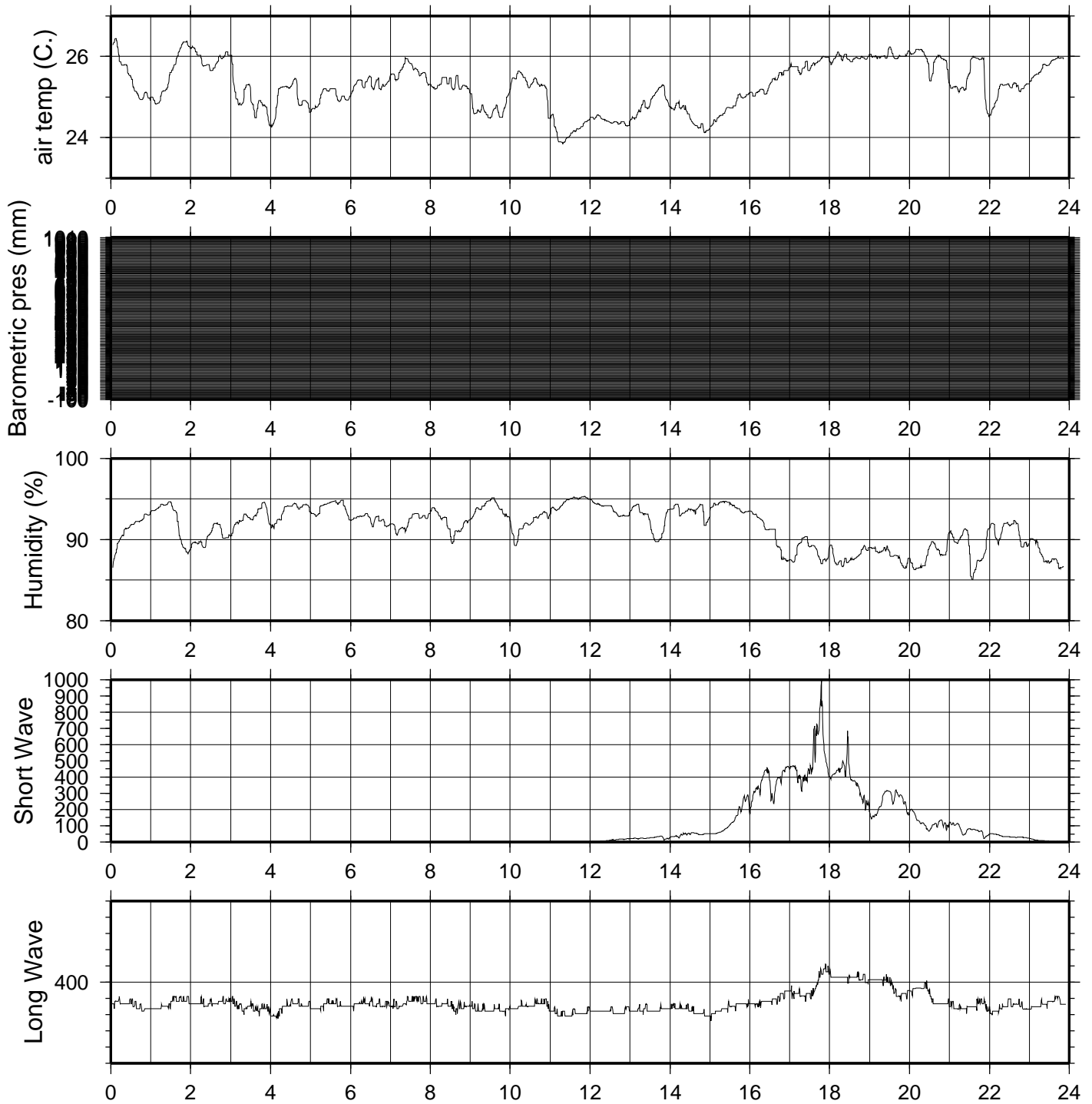
Meteorological Data DANA01RR 2003oct06



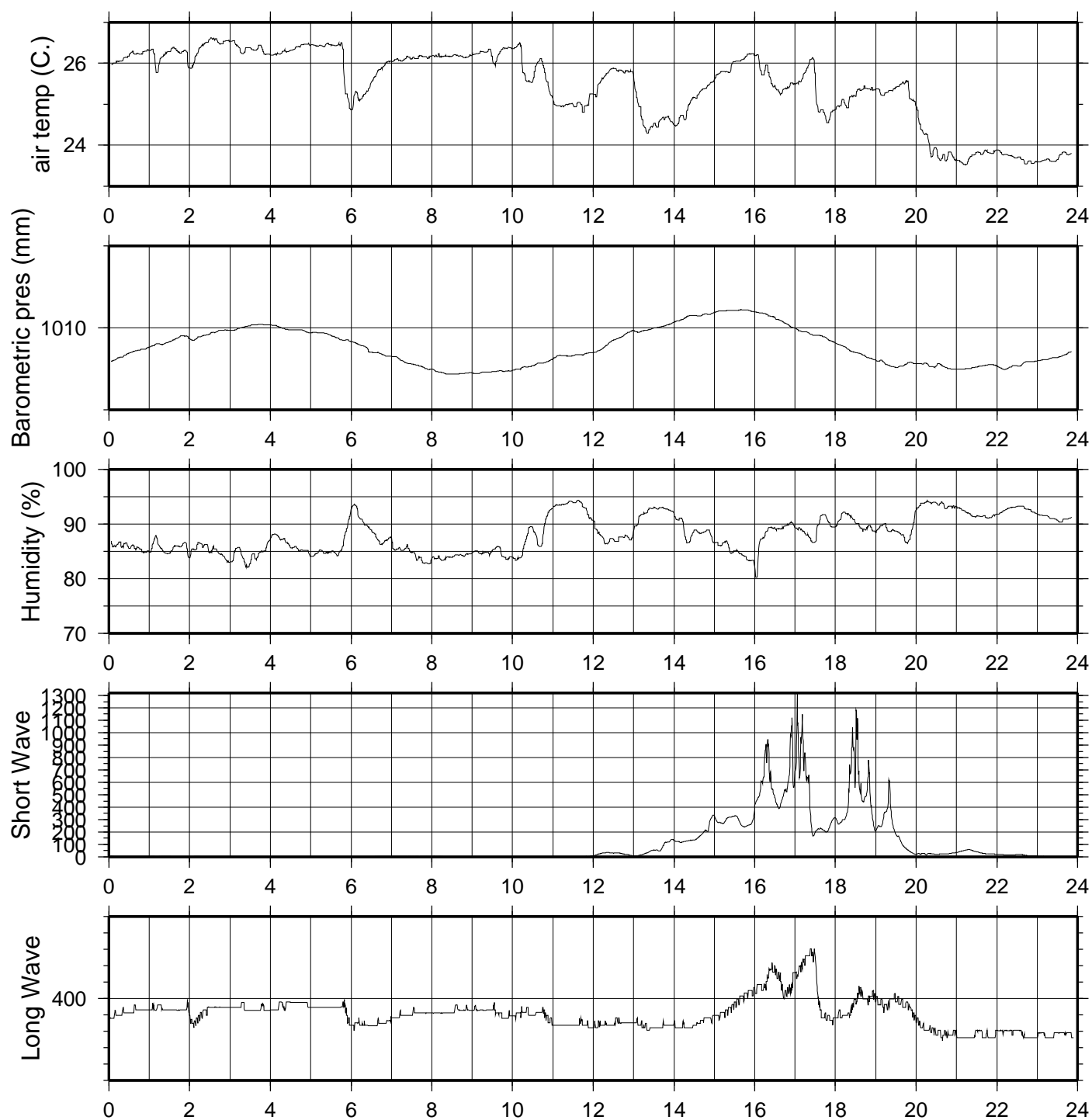
Meteorological Data DANA01RR 2003oct07



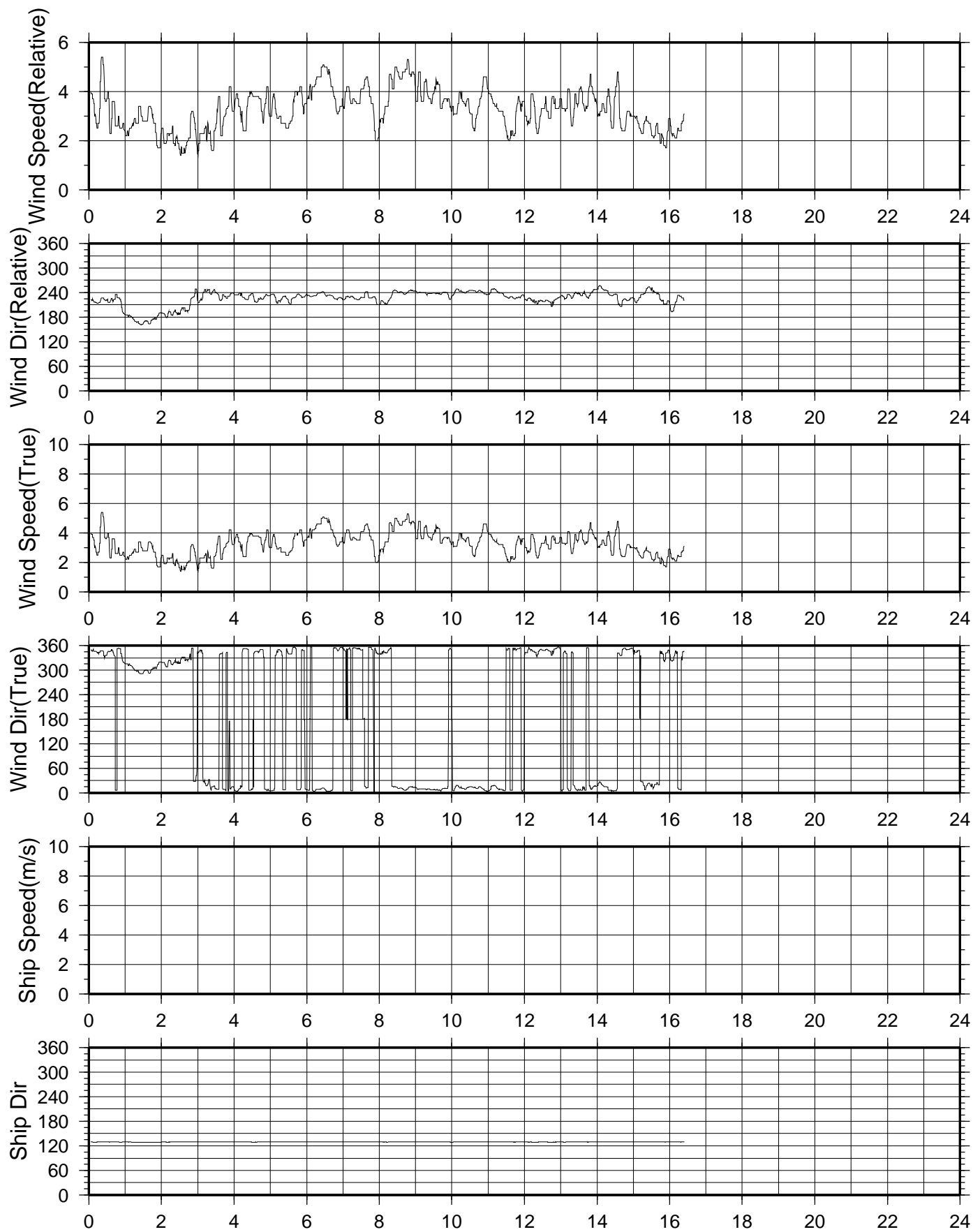
Meteorological Data DANA01RR 2003oct08



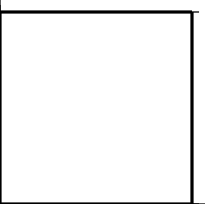
Meteorological Data DANA01RR 2003oct09



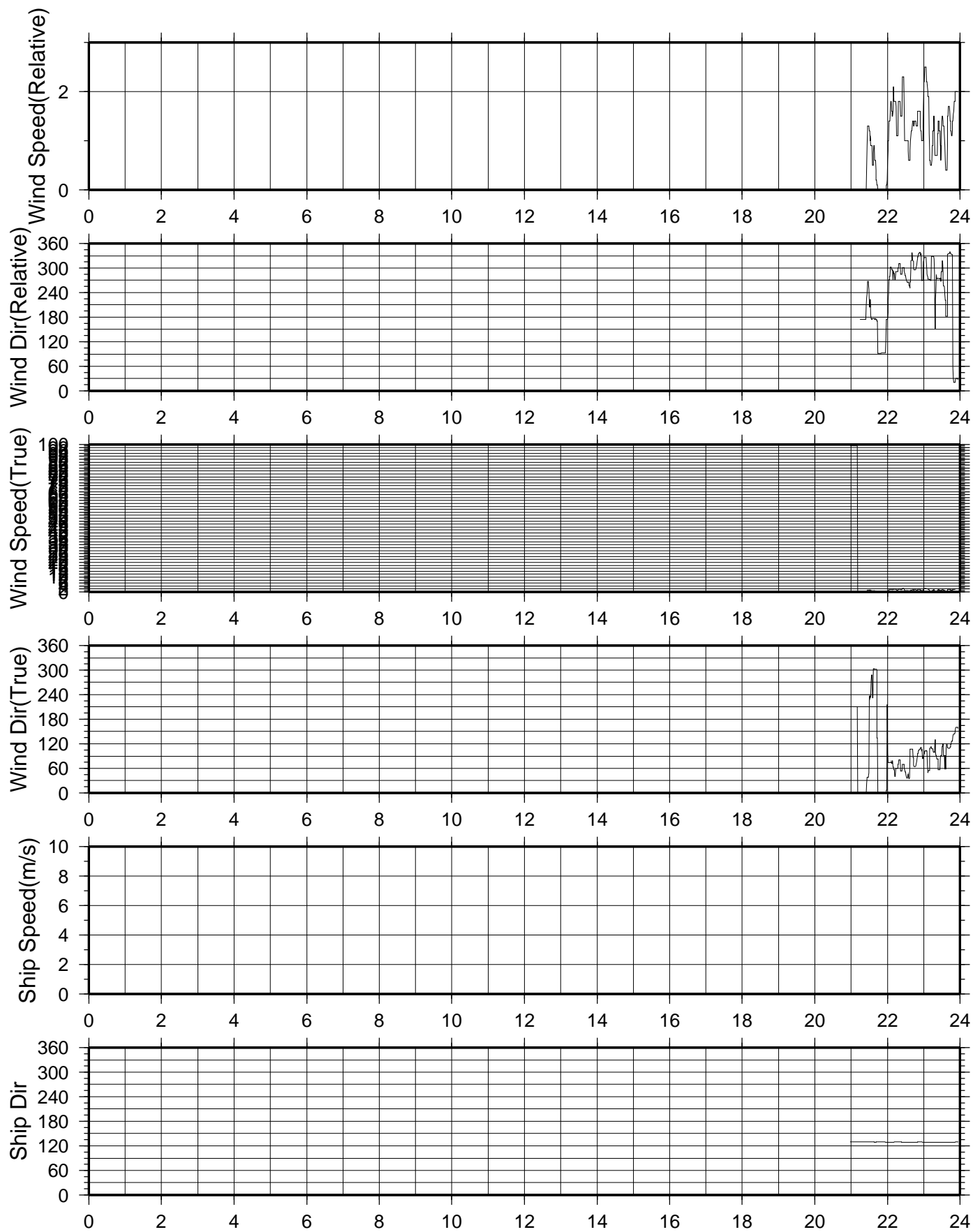
Wind Data CNTL15RR 2003sep23



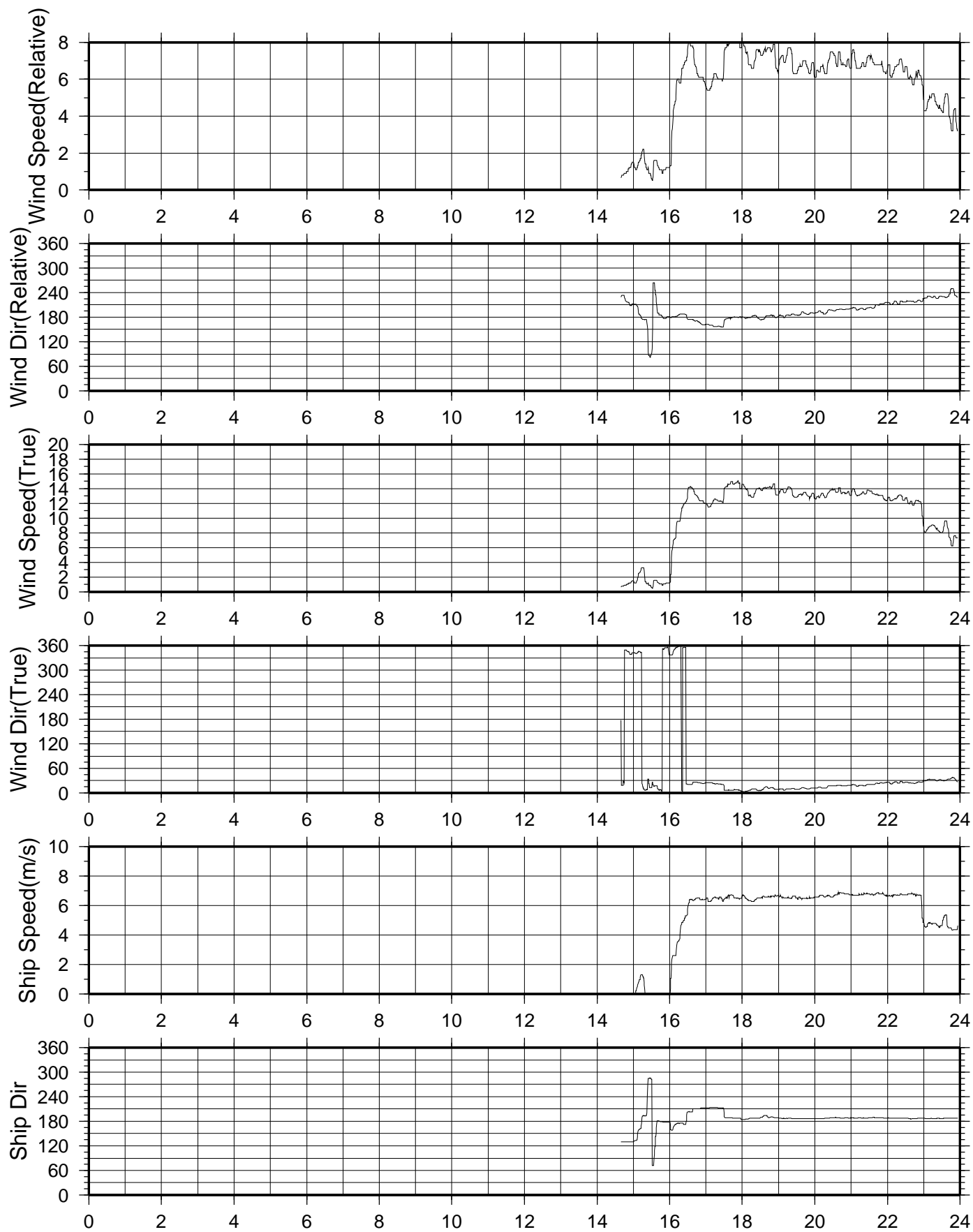
NTL15RR 2003sep24



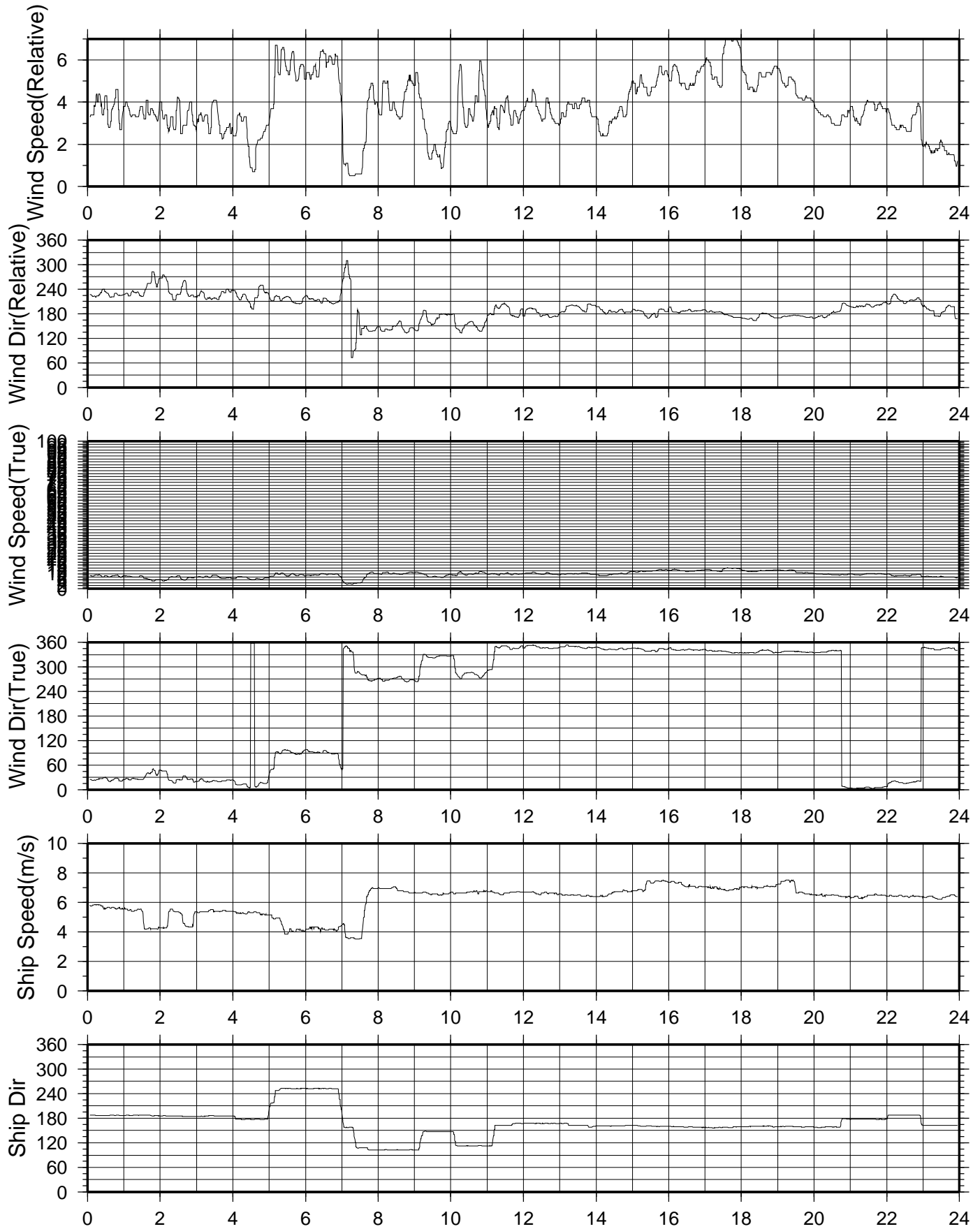
Wind Data CNTL15RR 2003sep26



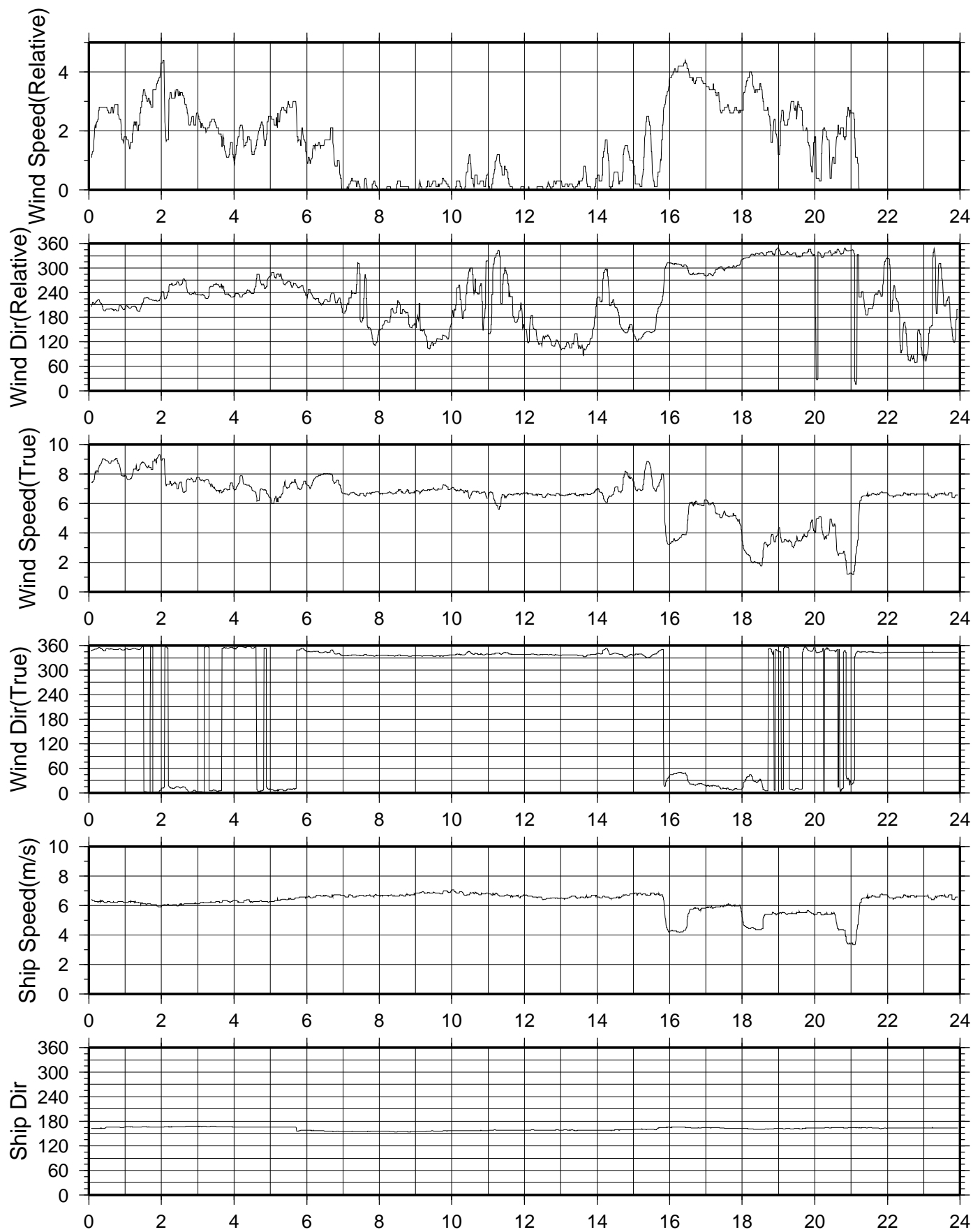
Wind Data DANA01RR 2003sep27



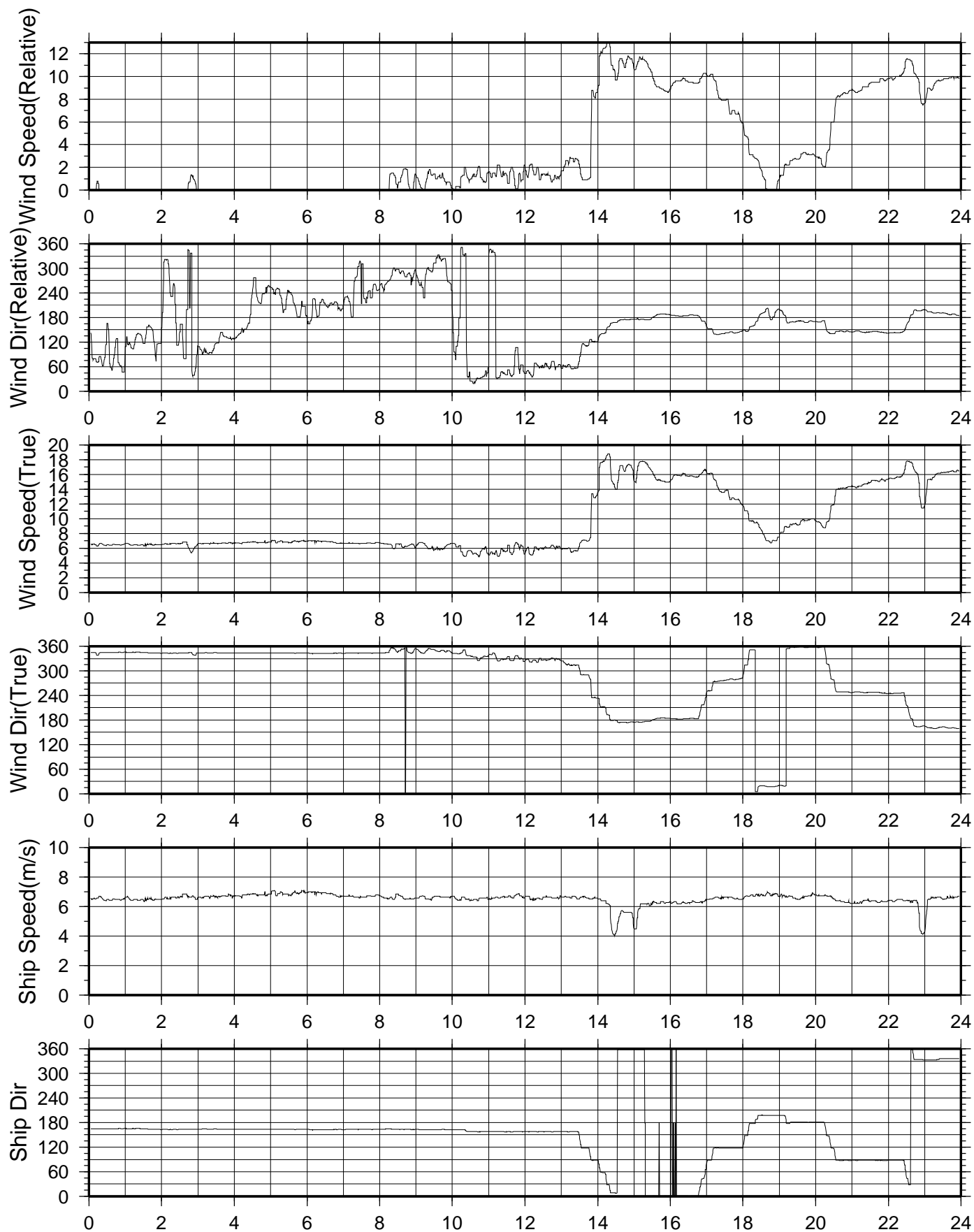
Wind Data DANA01RR 2003sep28



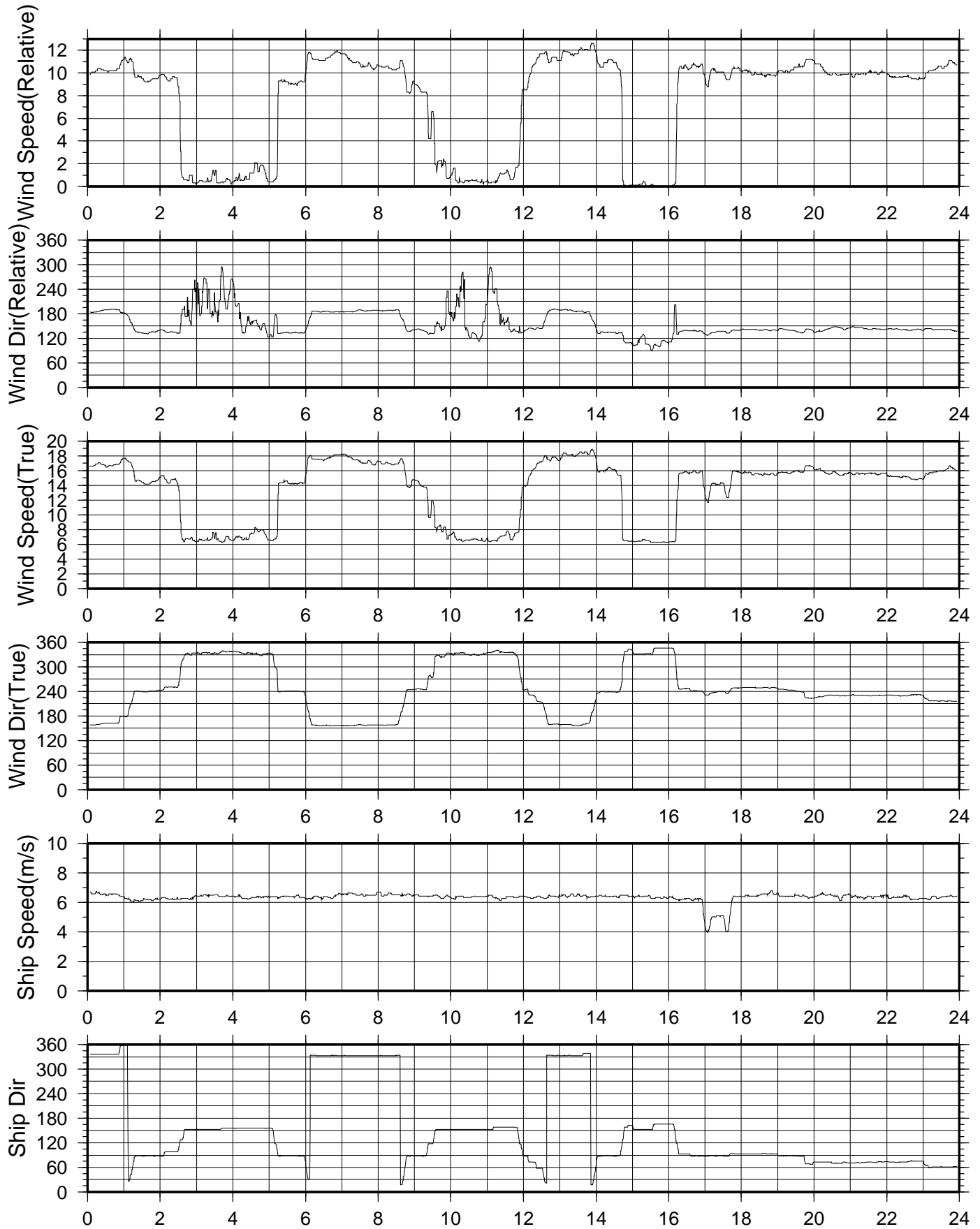
Wind Data DANA01RR 2003sep29



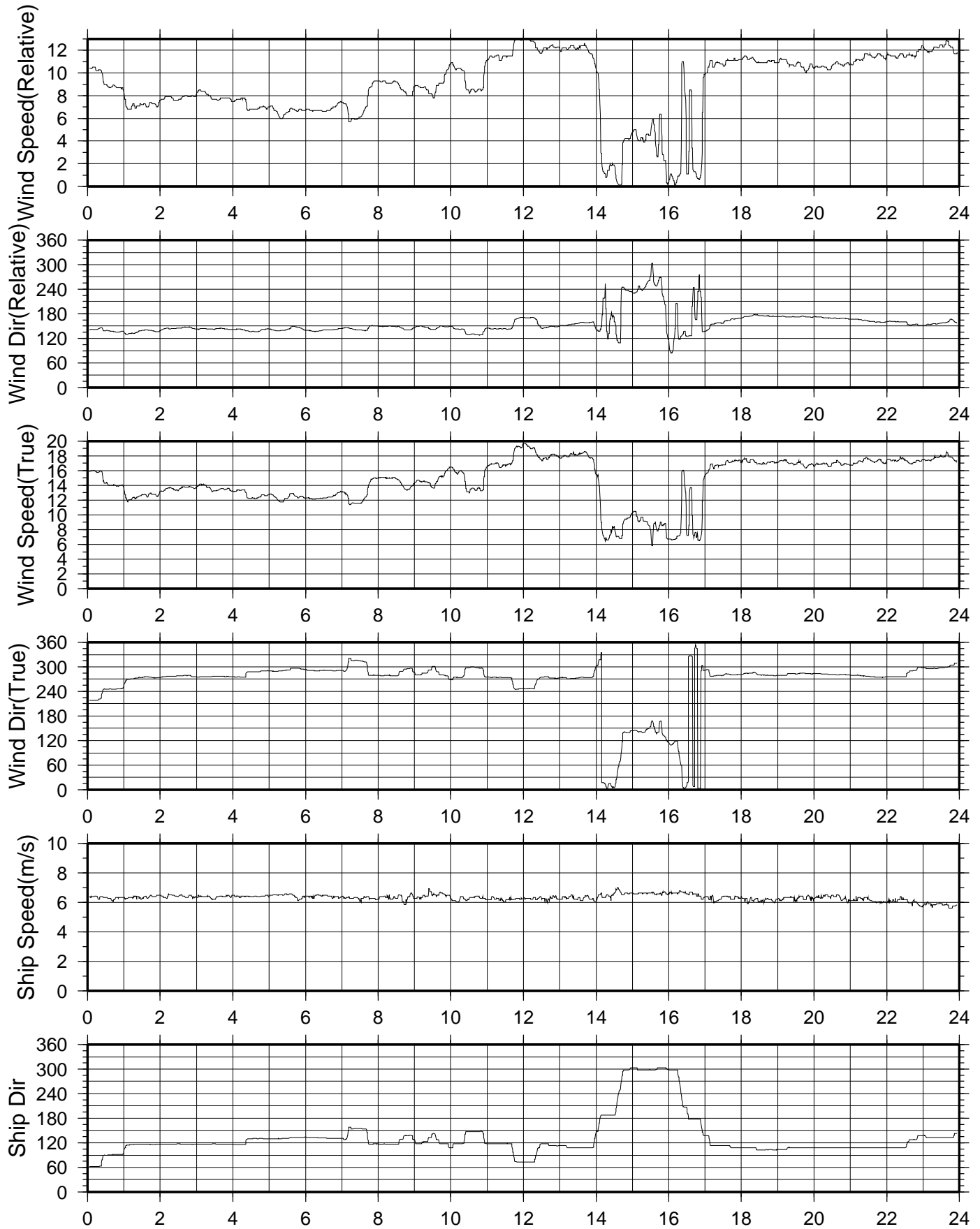
Wind Data DANA01RR 2003sep30



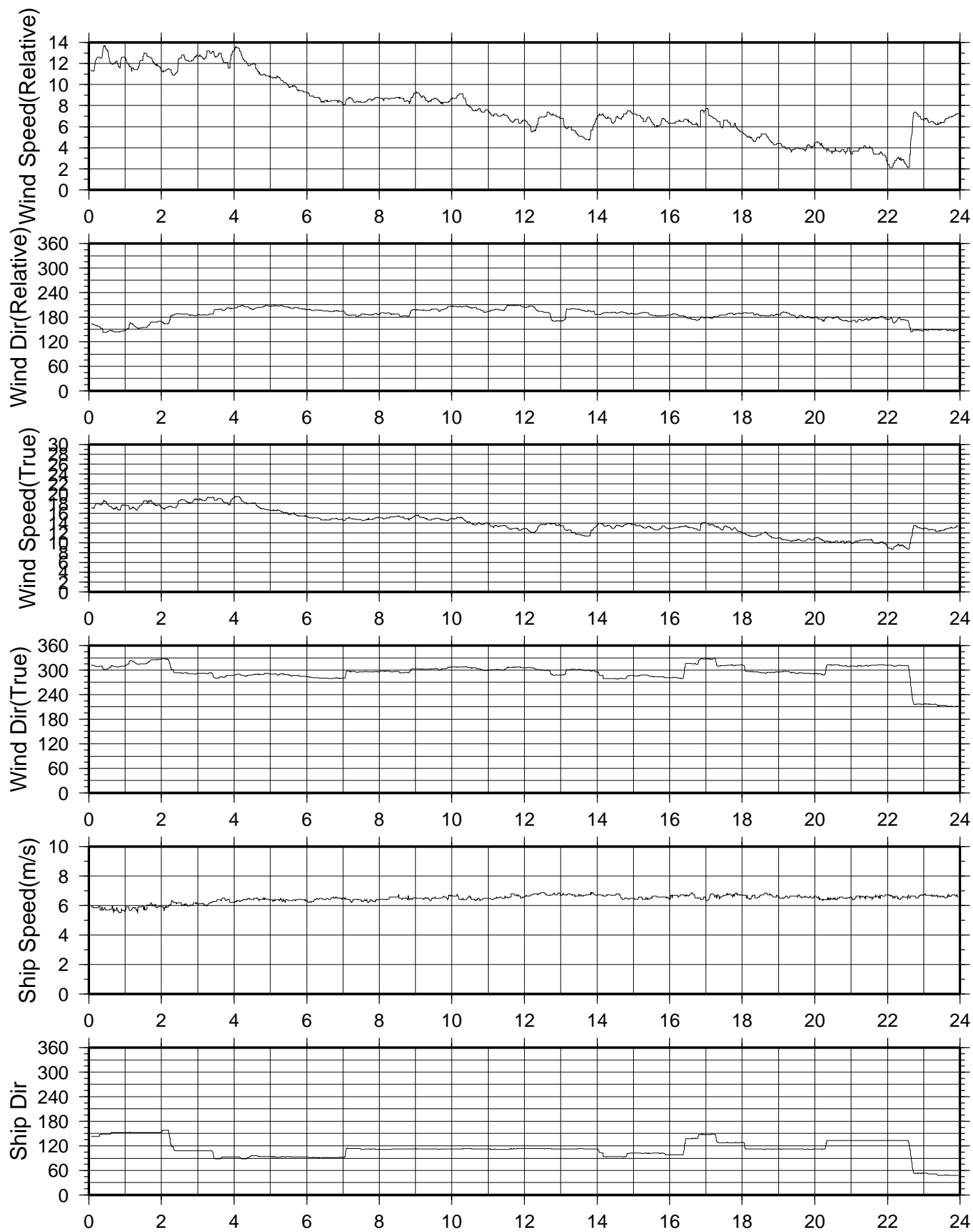
Wind Data DANA01RR 2003oct01



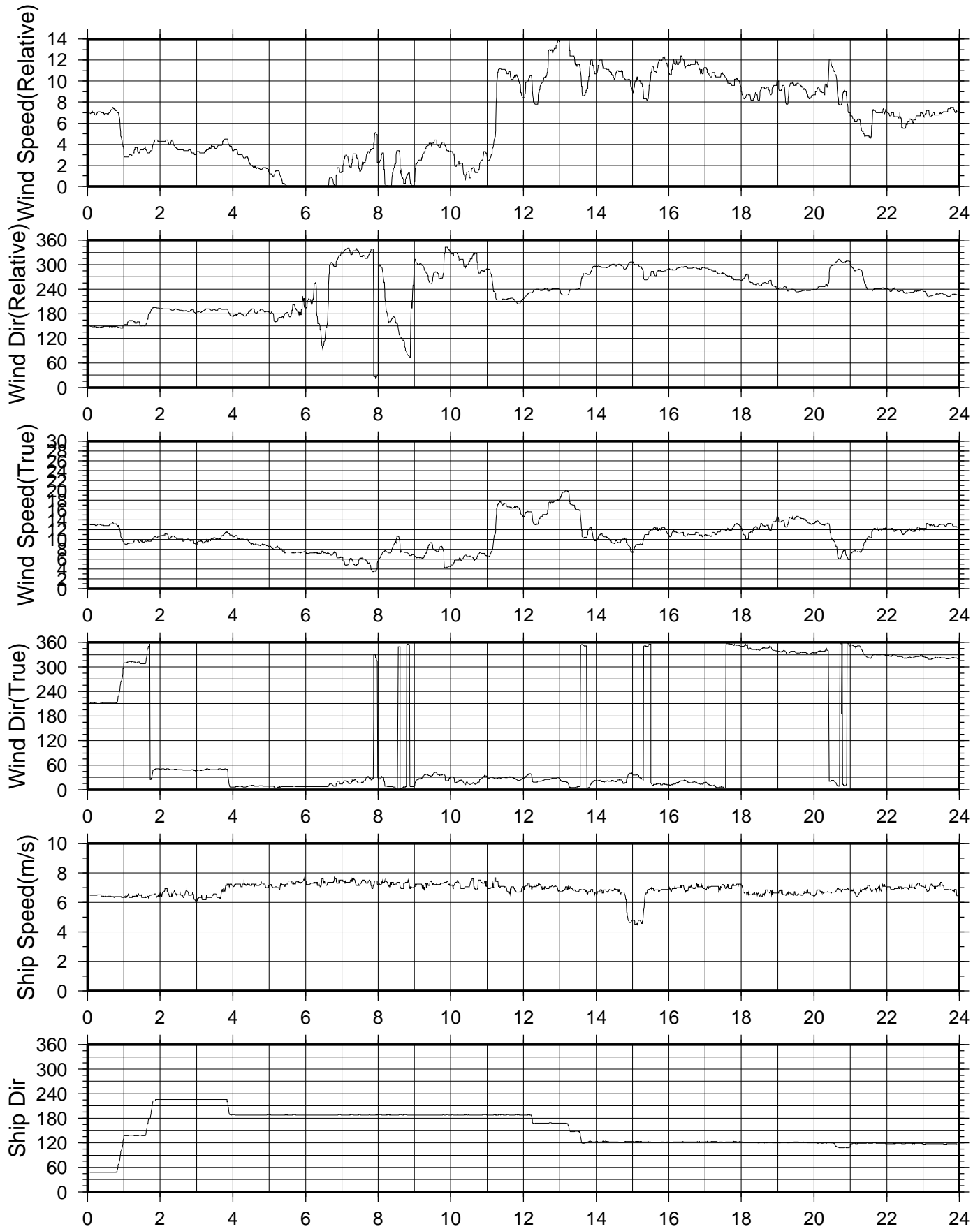
Wind Data DANA01RR 2003oct02



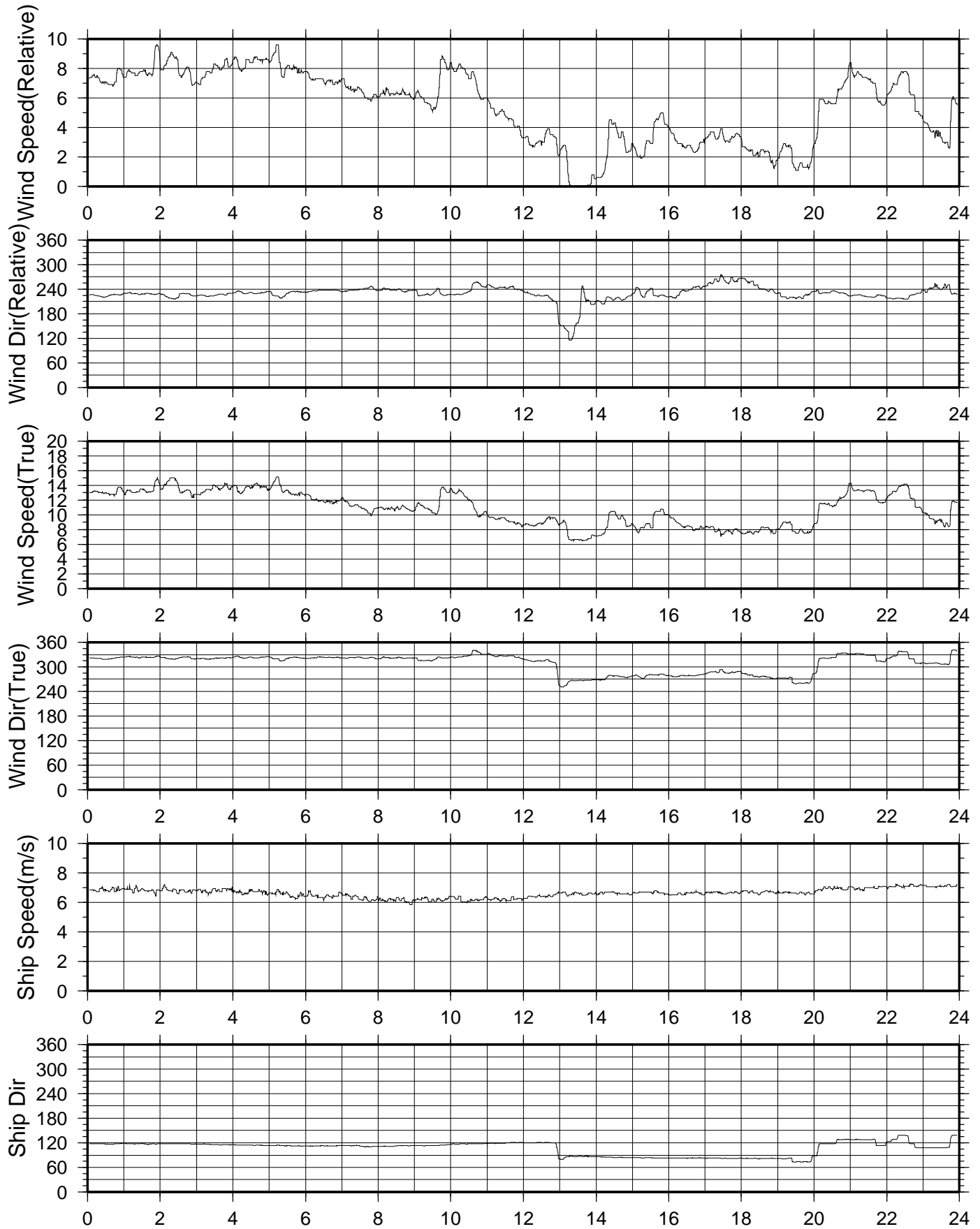
Wind Data DANA01RR 2003oct03



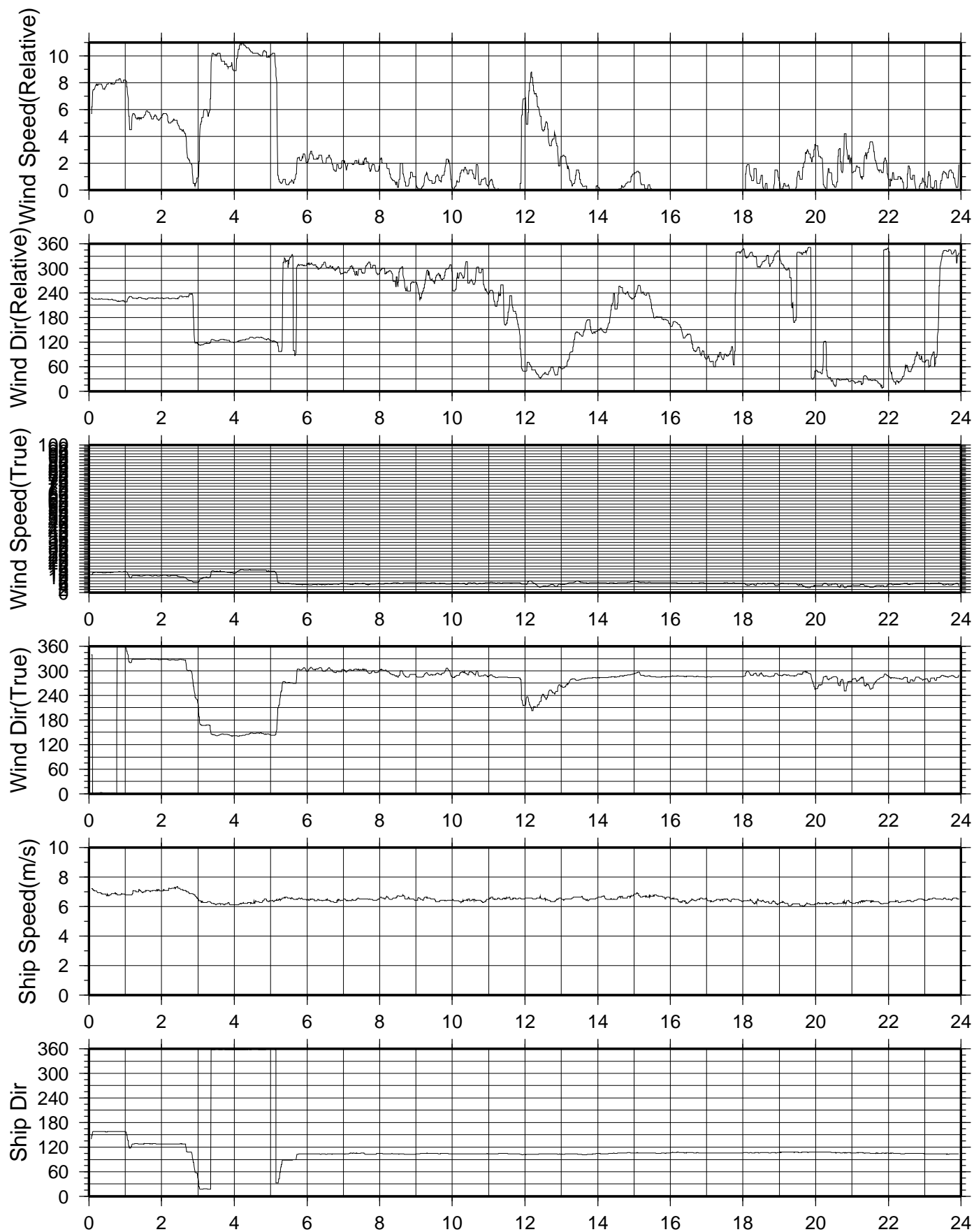
Wind Data DANA01RR 2003oct04



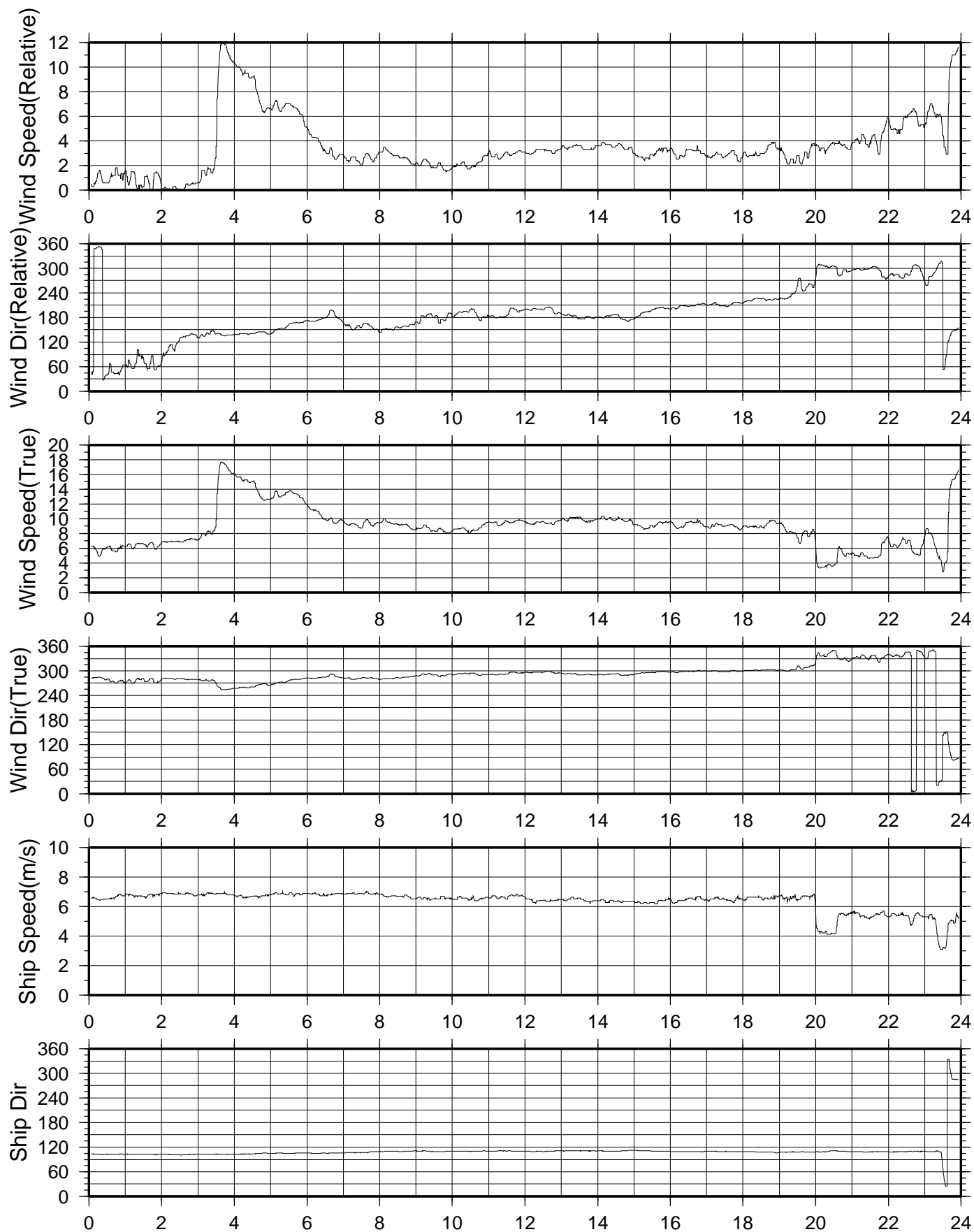
Wind Data DANA01RR 2003oct05



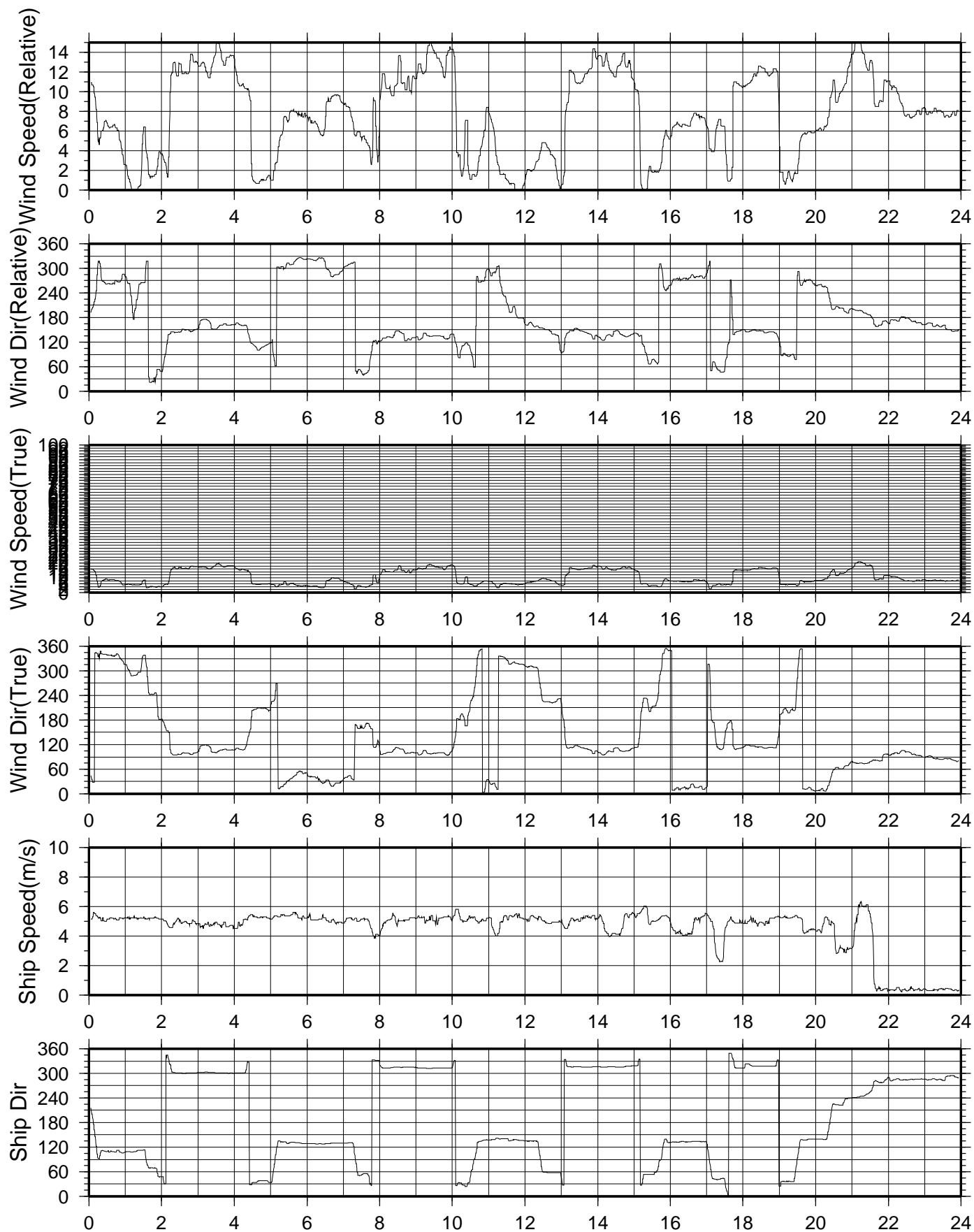
Wind Data DANA01RR 2003oct06



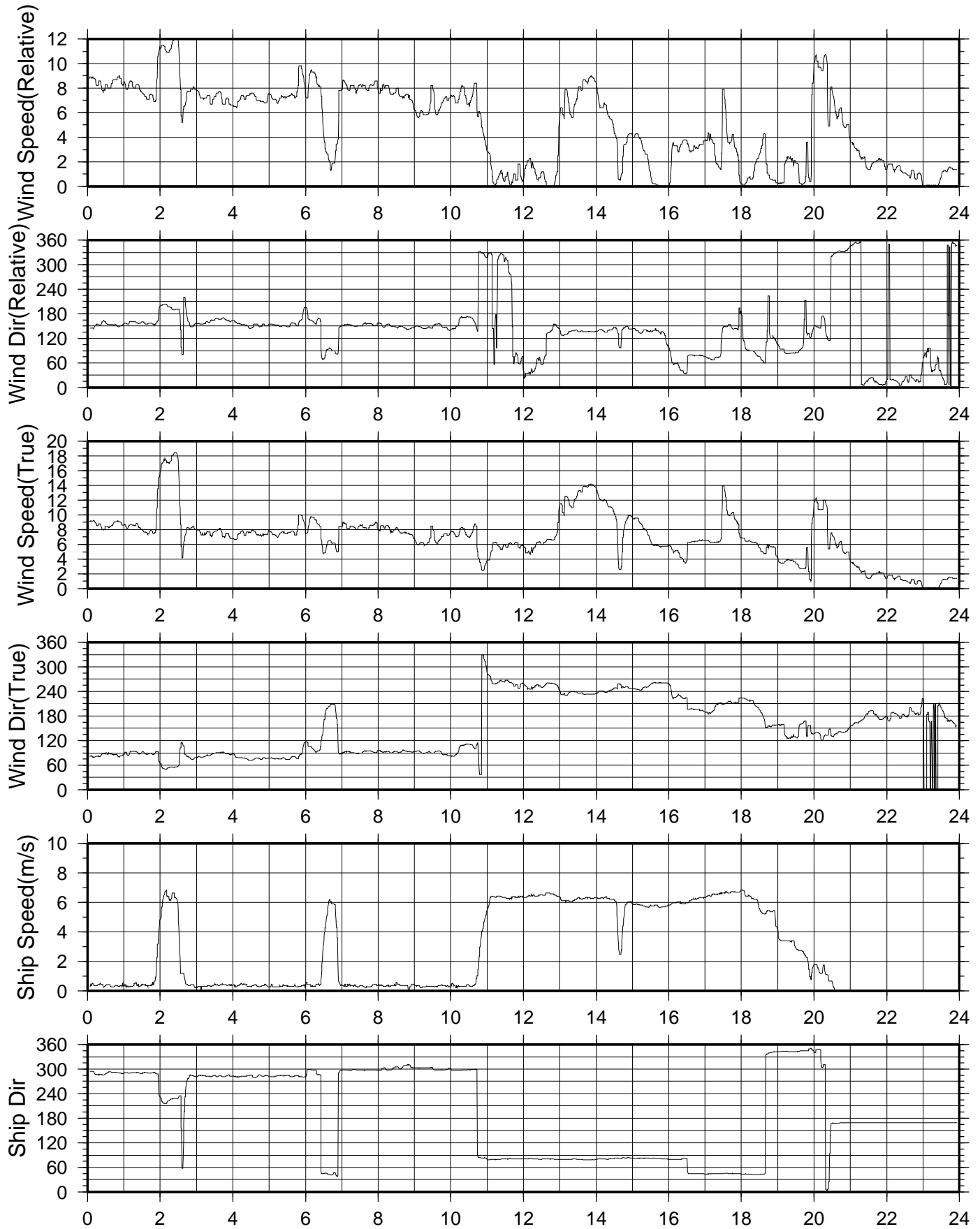
Wind Data DANA01RR 2003oct07



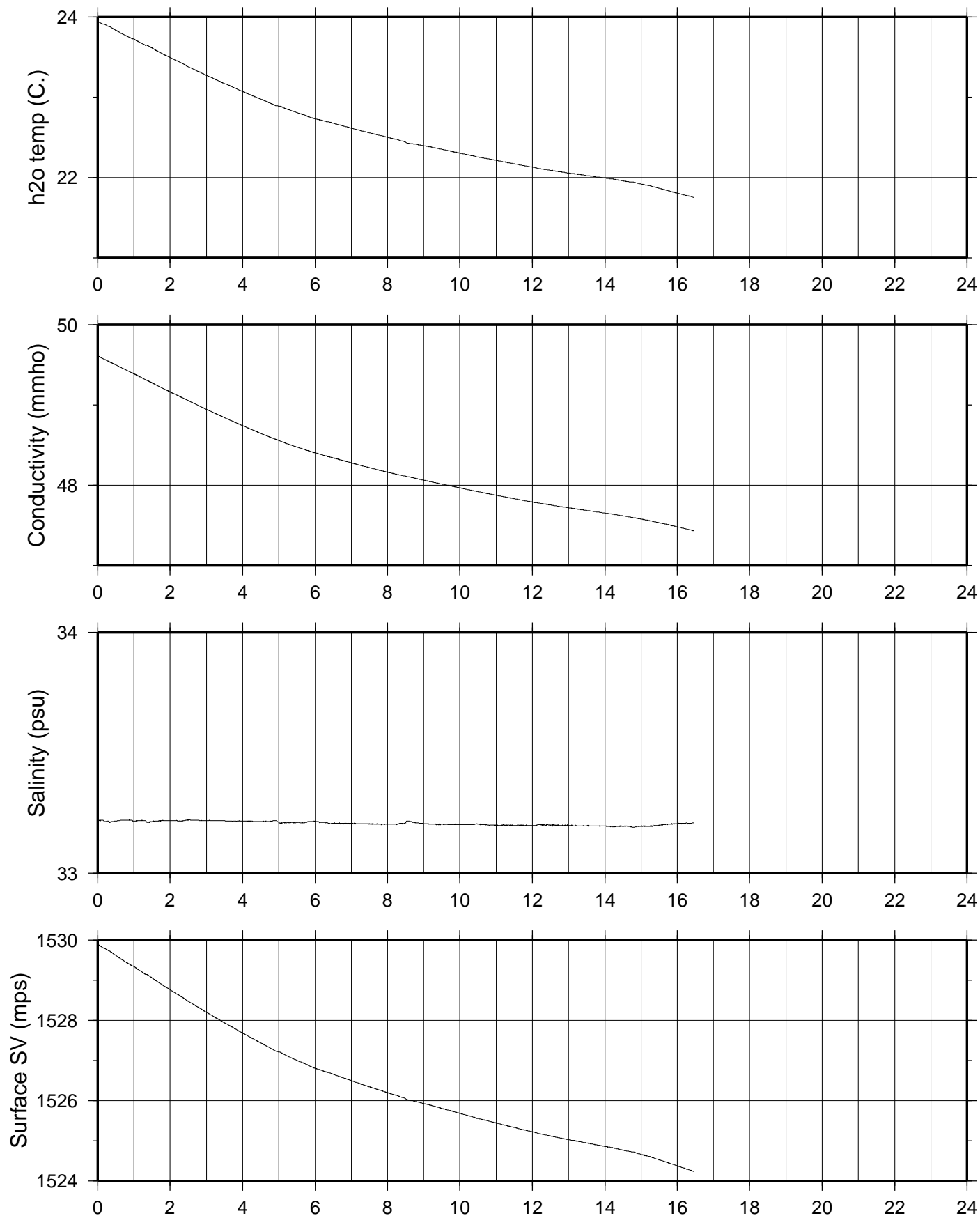
Wind Data DANA01RR 2003oct08



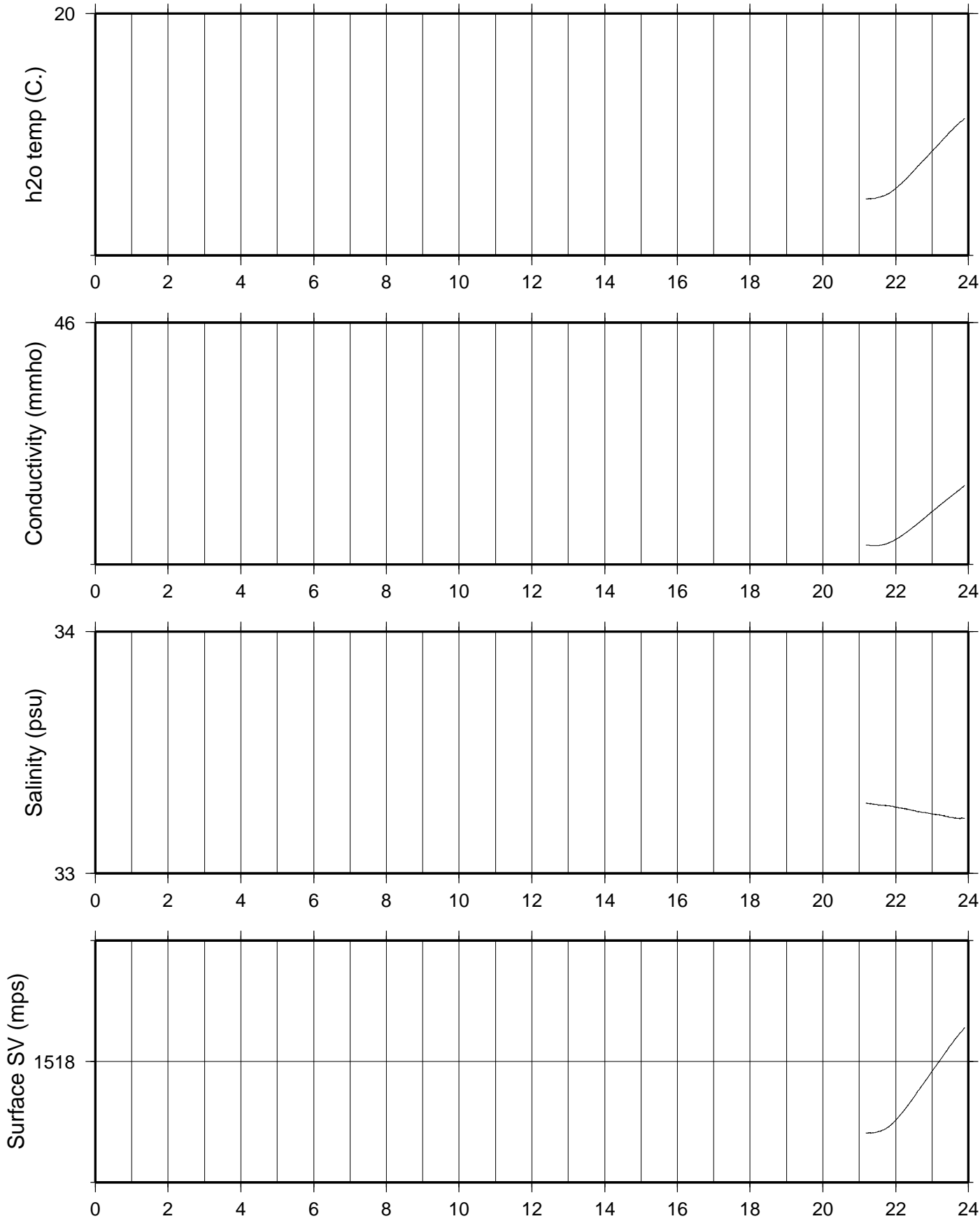
Wind Data DANA01RR 2003oct09



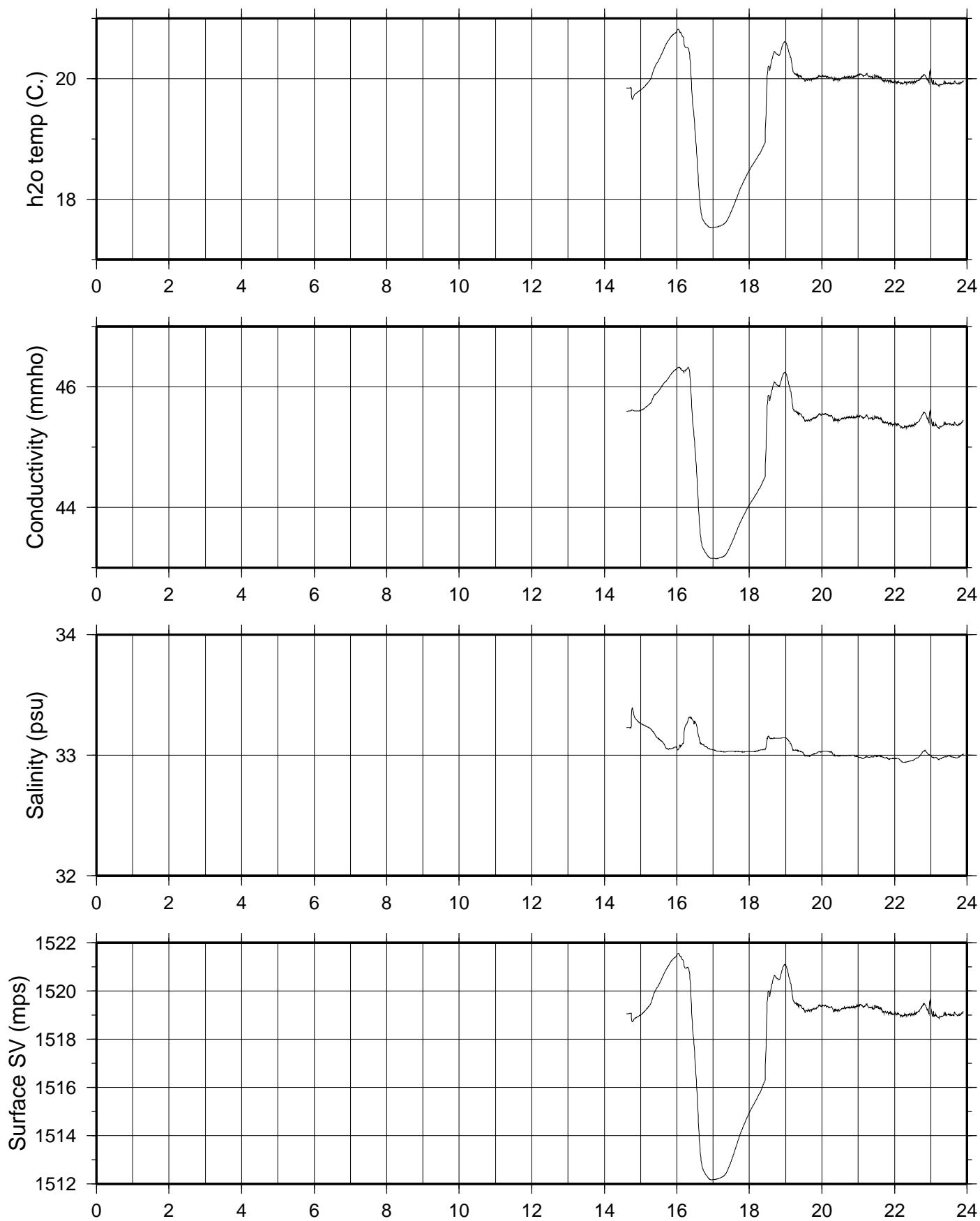
SSV data CNTL15RR 2003sep23



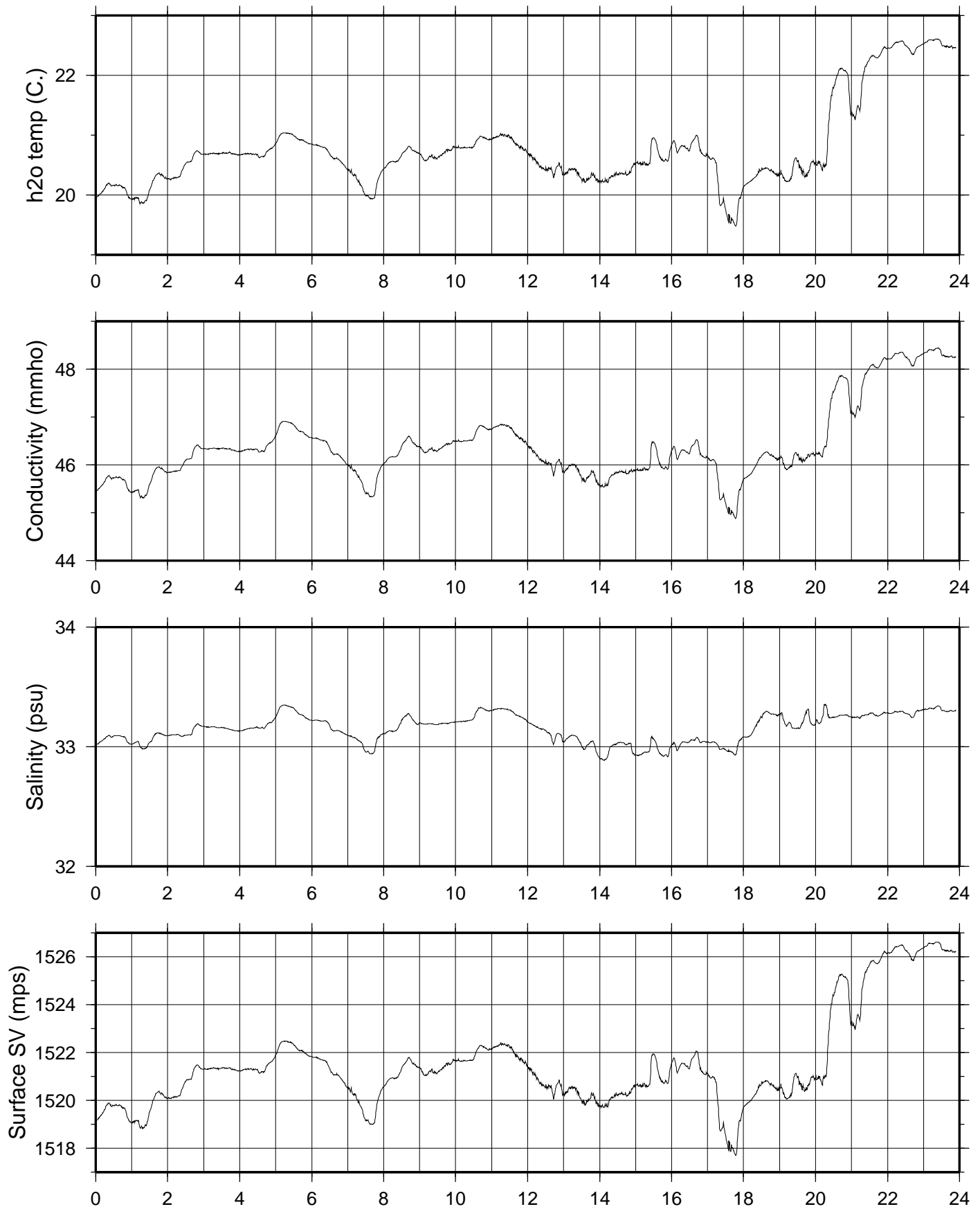
SSV data CNTL15RR 2003sep26



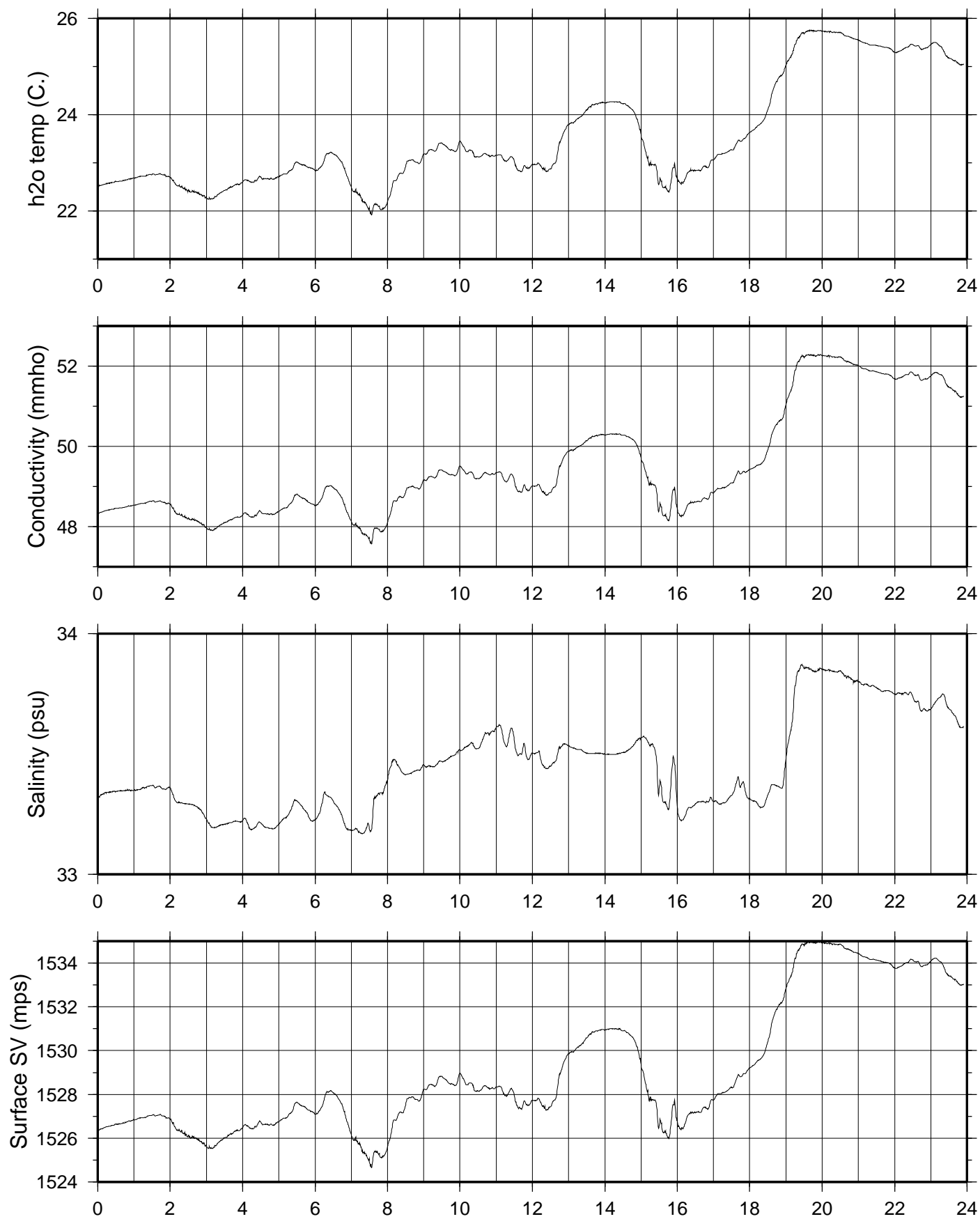
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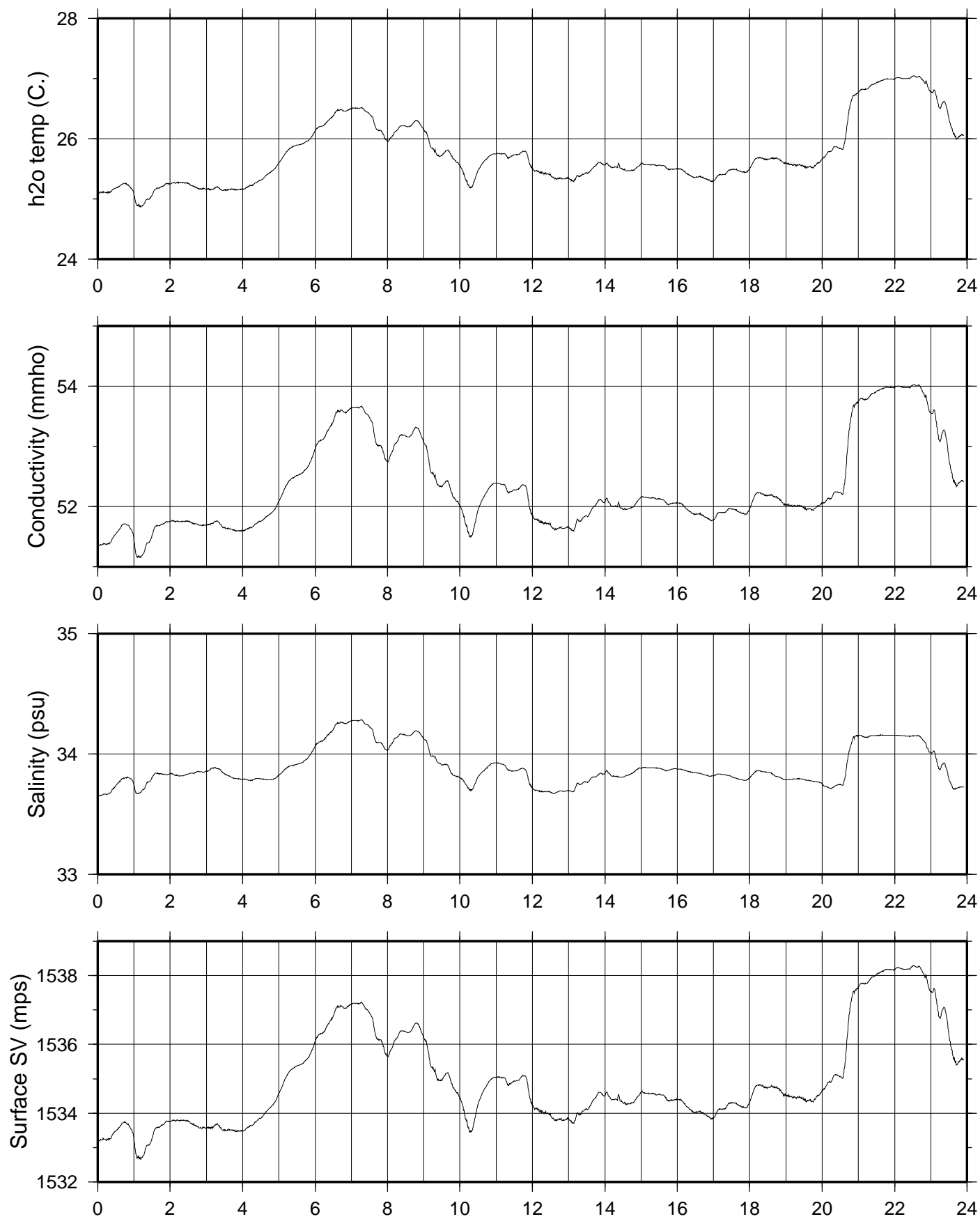
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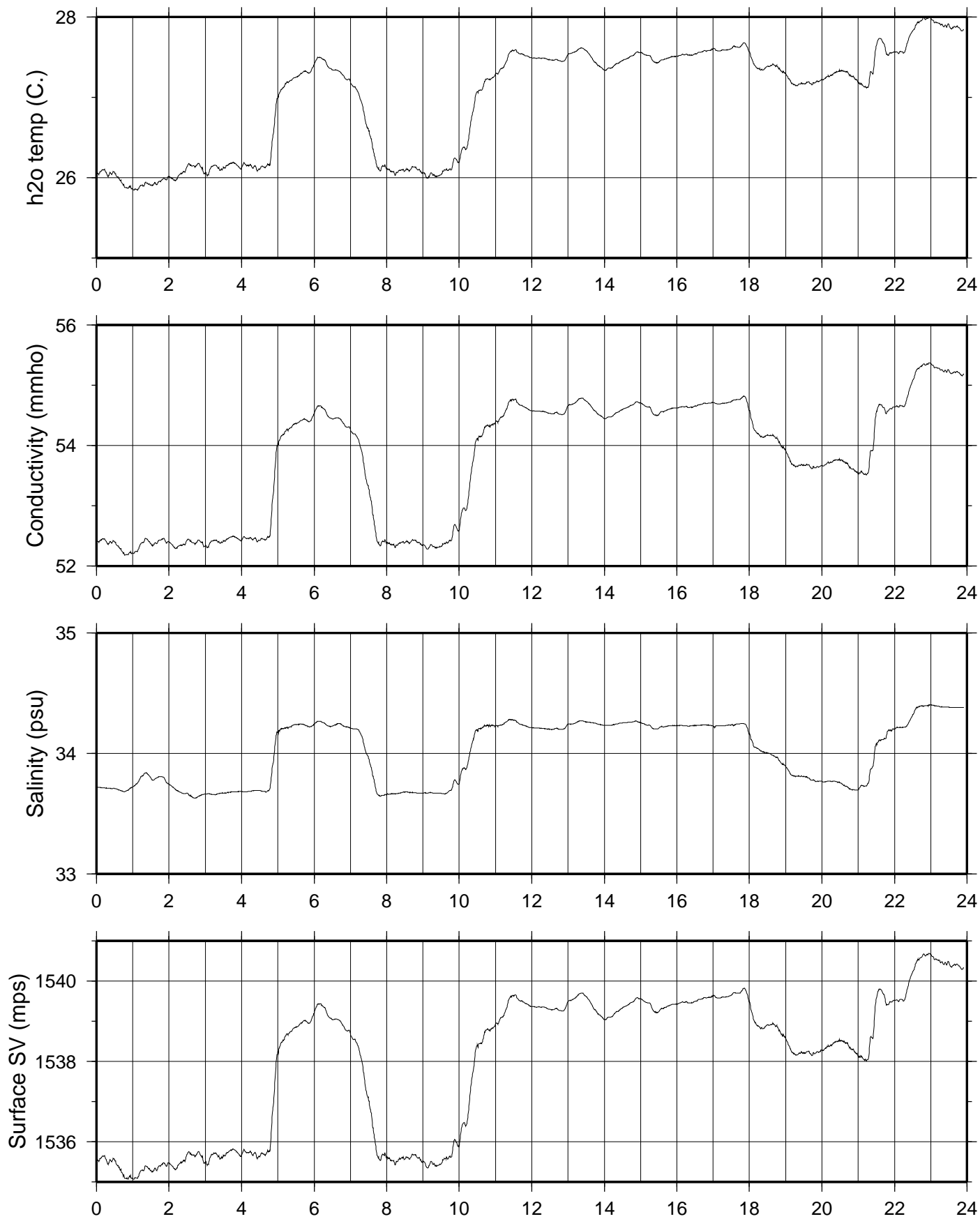
SSV data DANA01RR 2003sep29



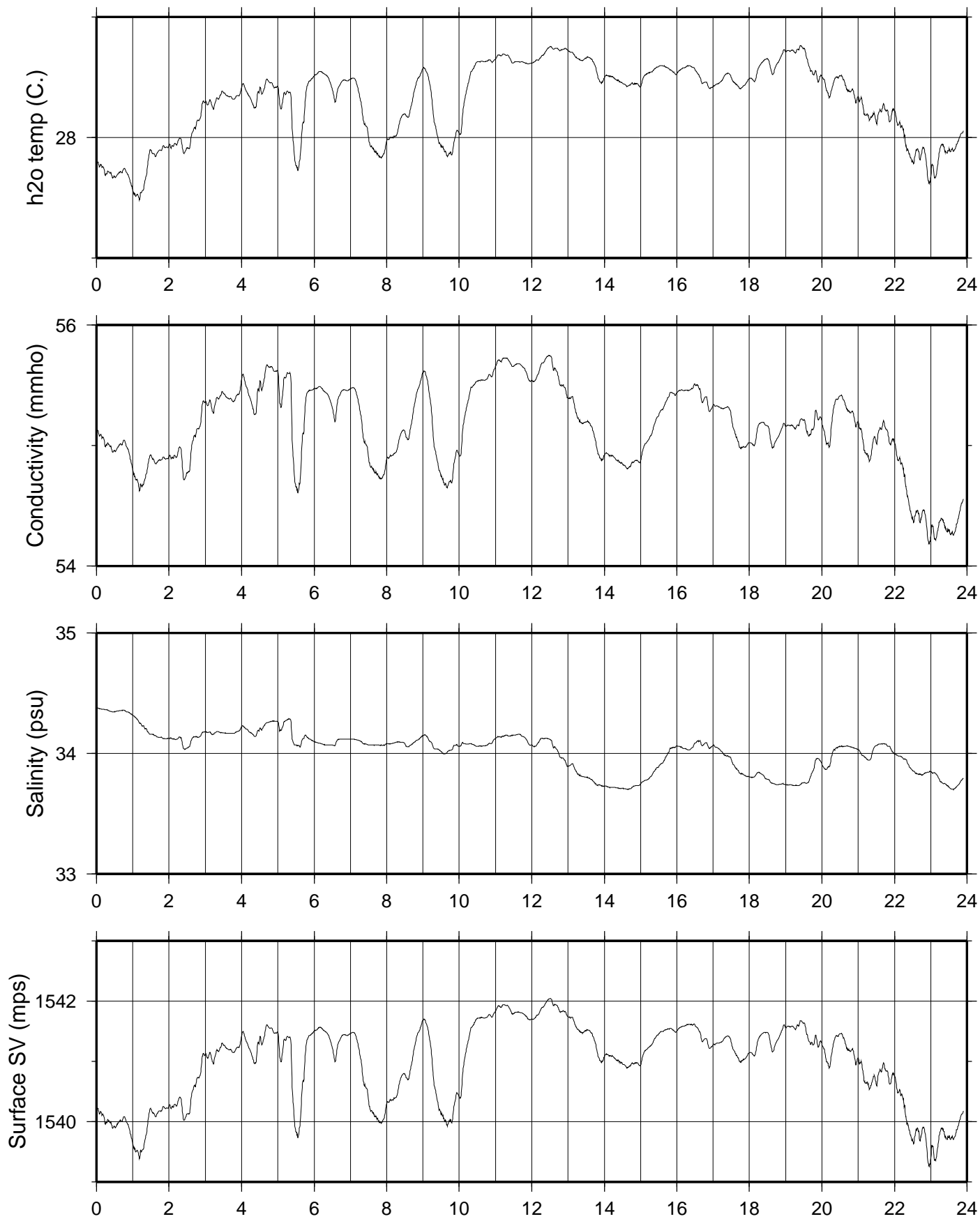
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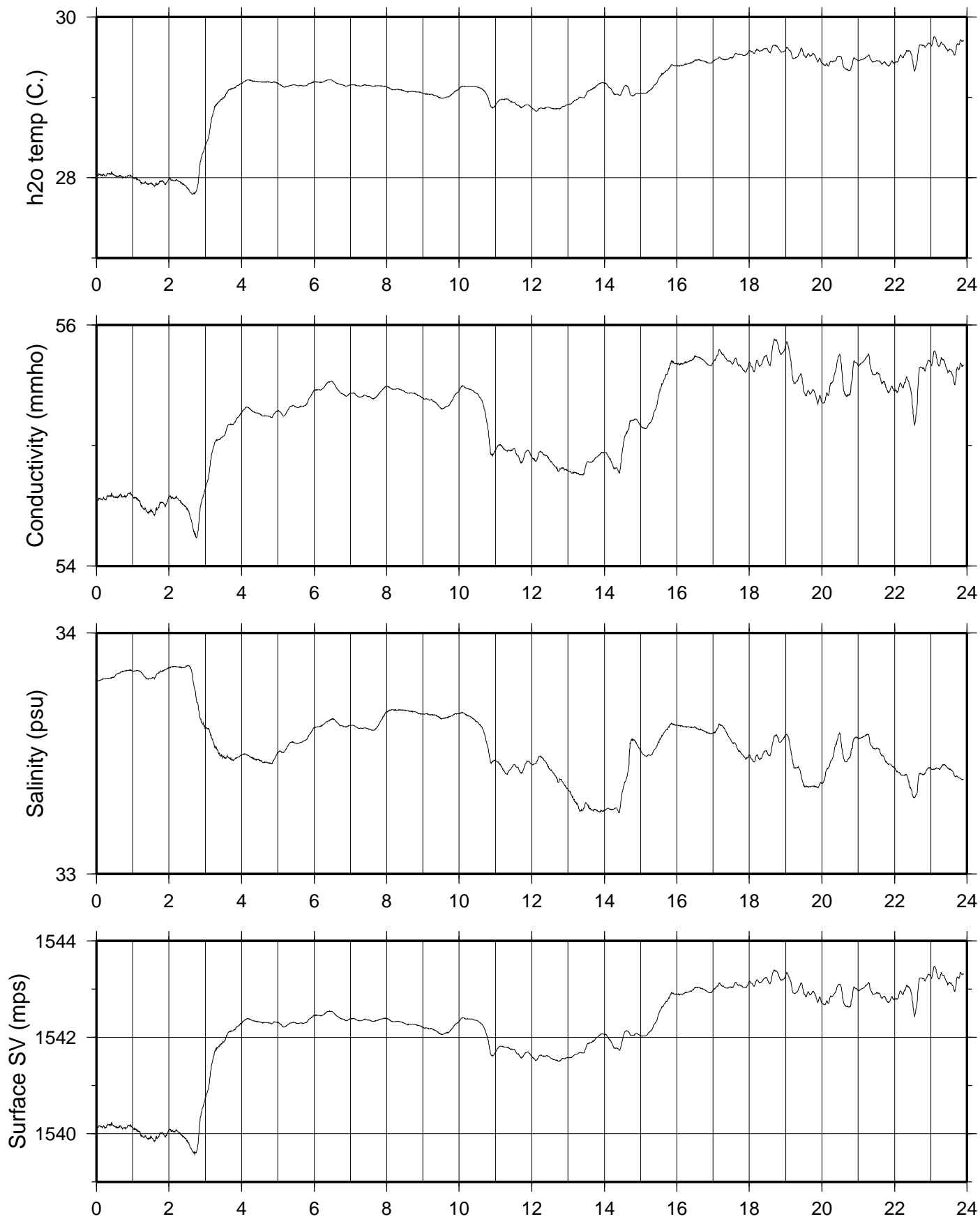
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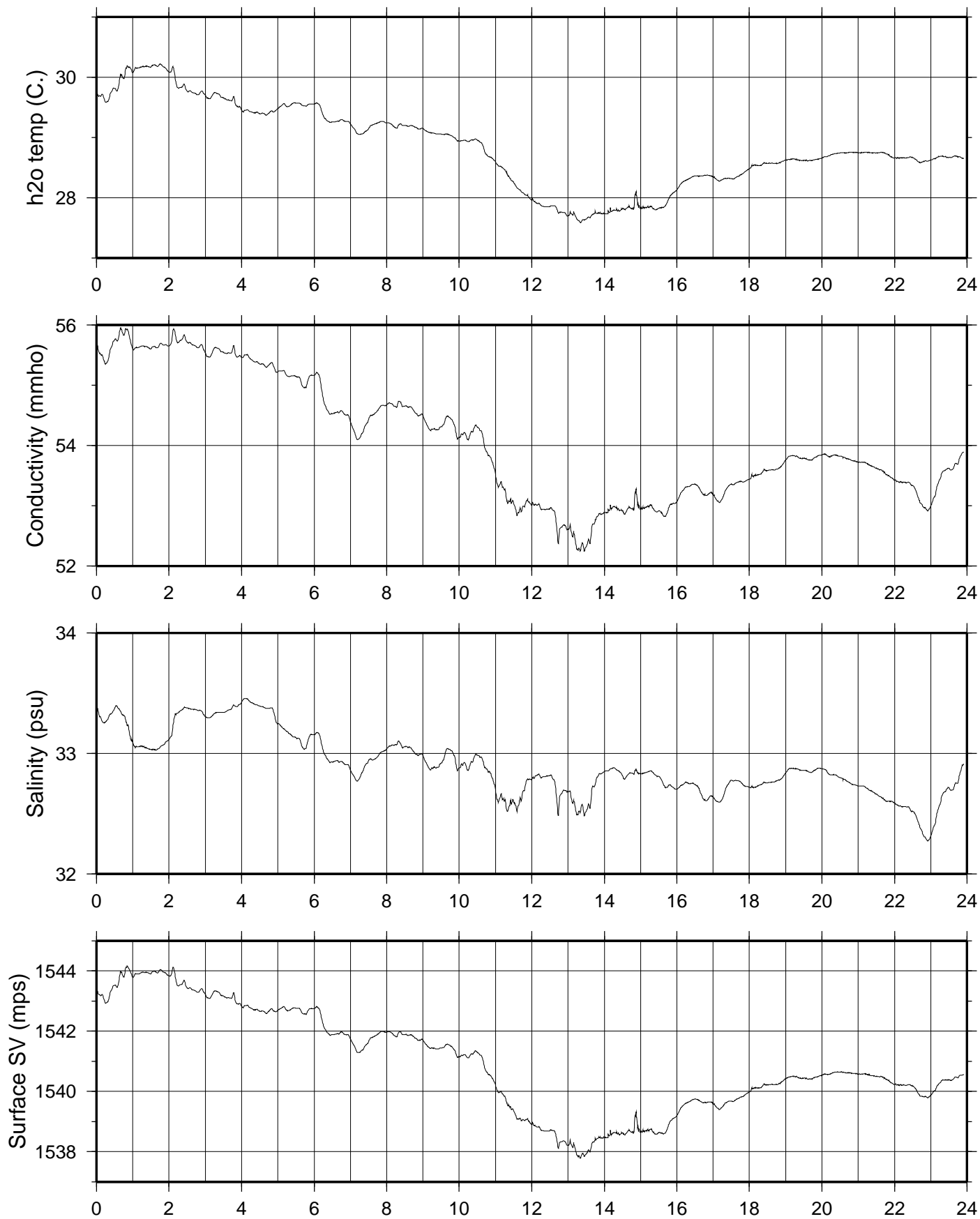
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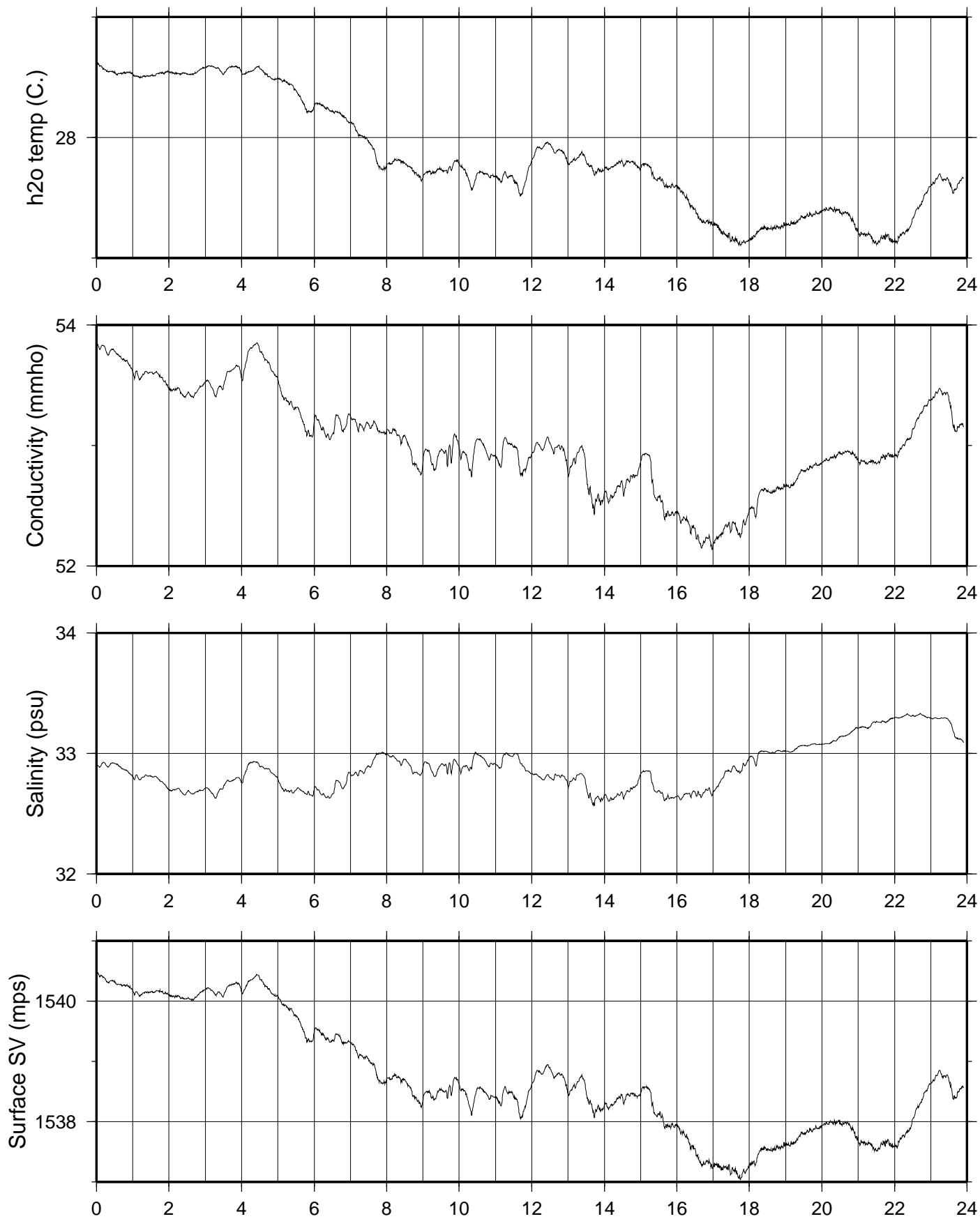
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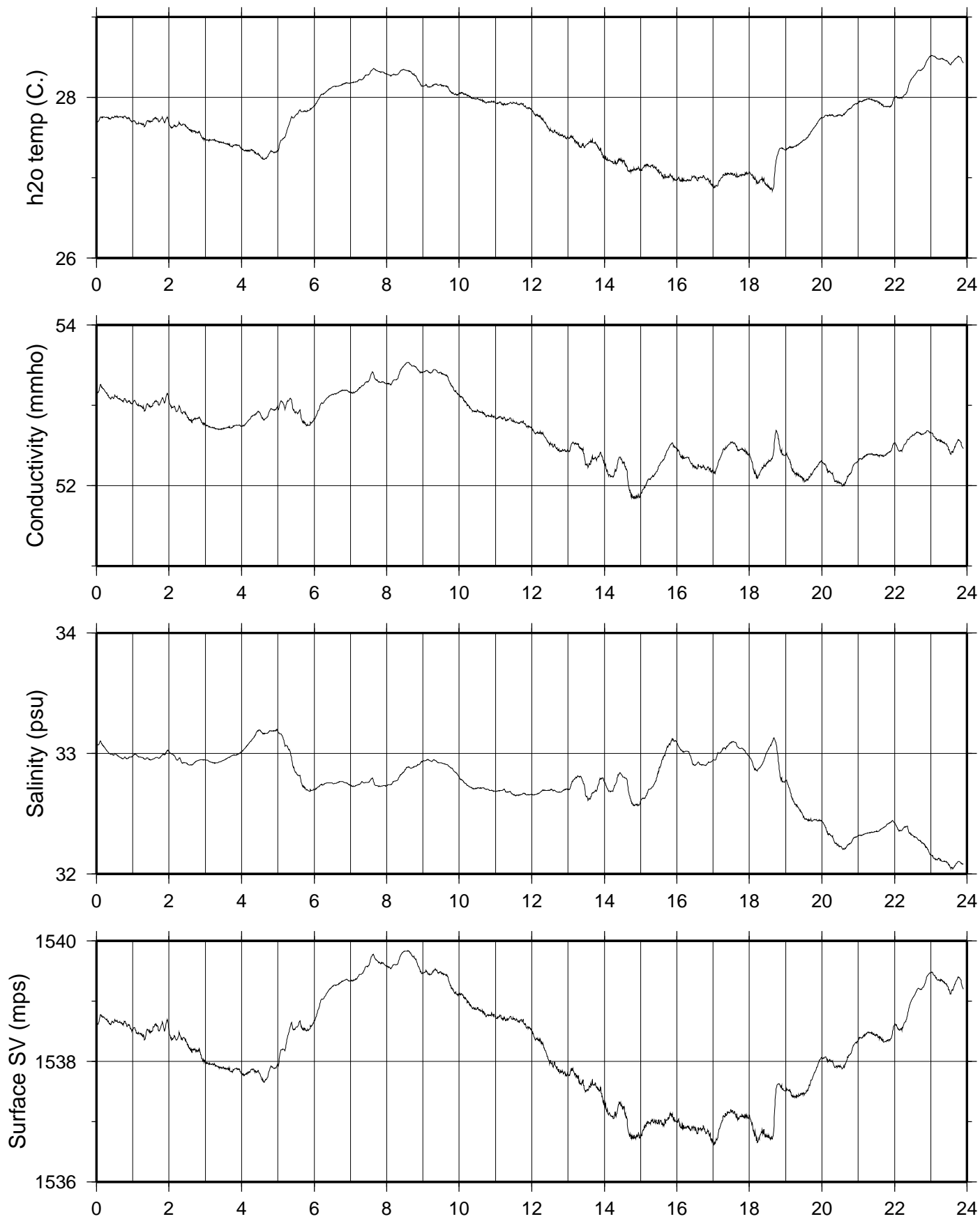
SSV data DANA01RR 2003oct04



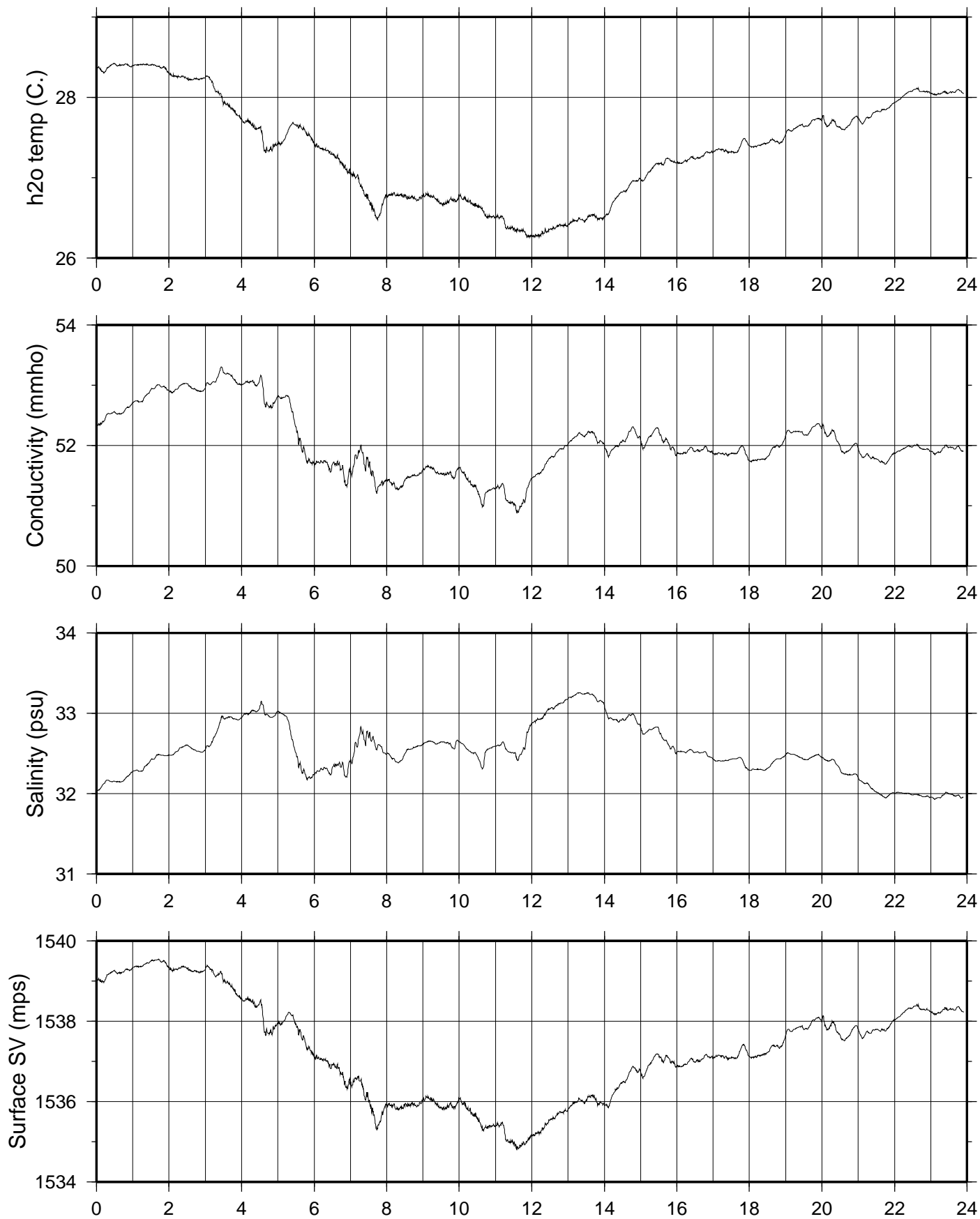
SSV data DANA01RR 2003oct05



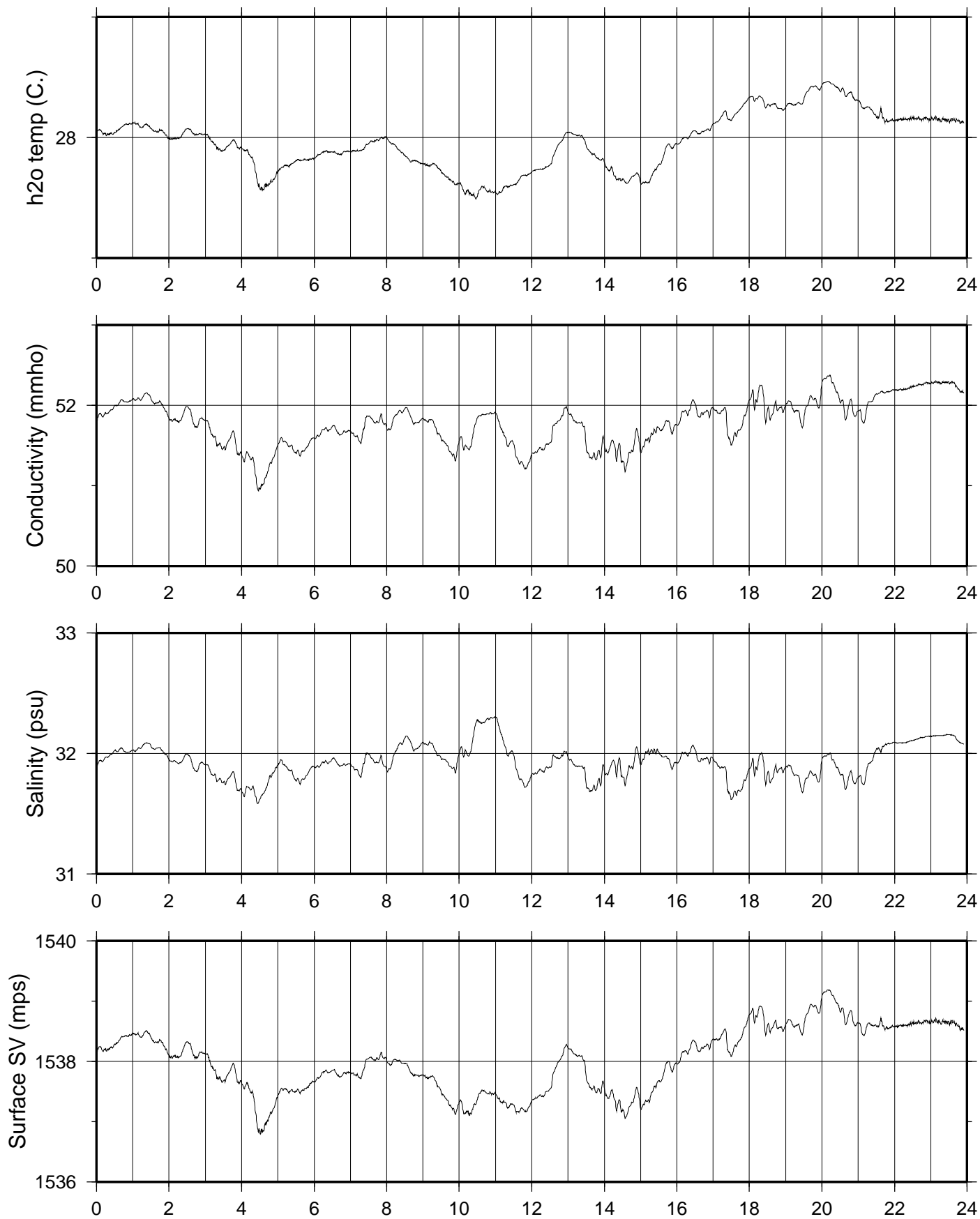
SSV data DANA01RR 2003oct06



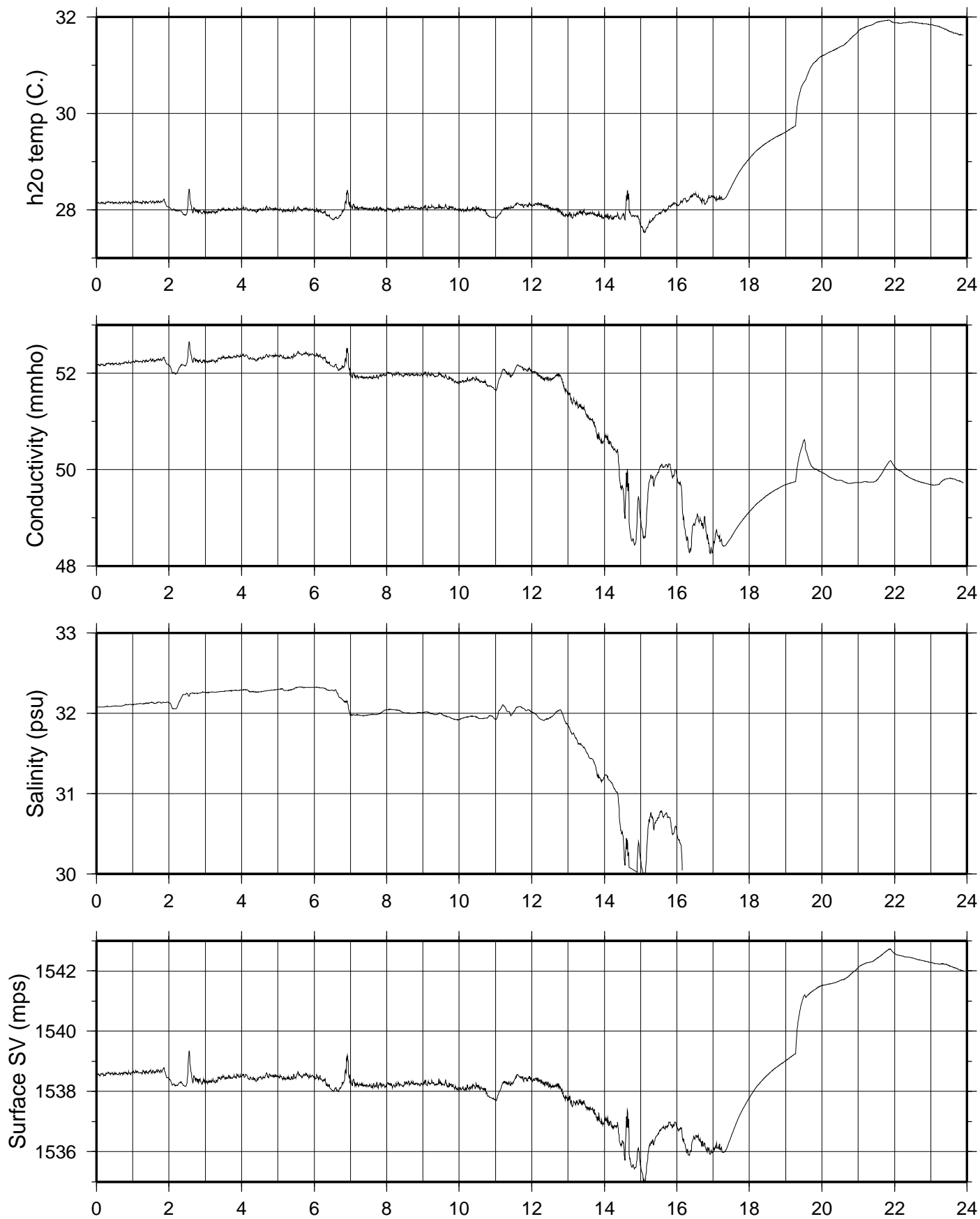
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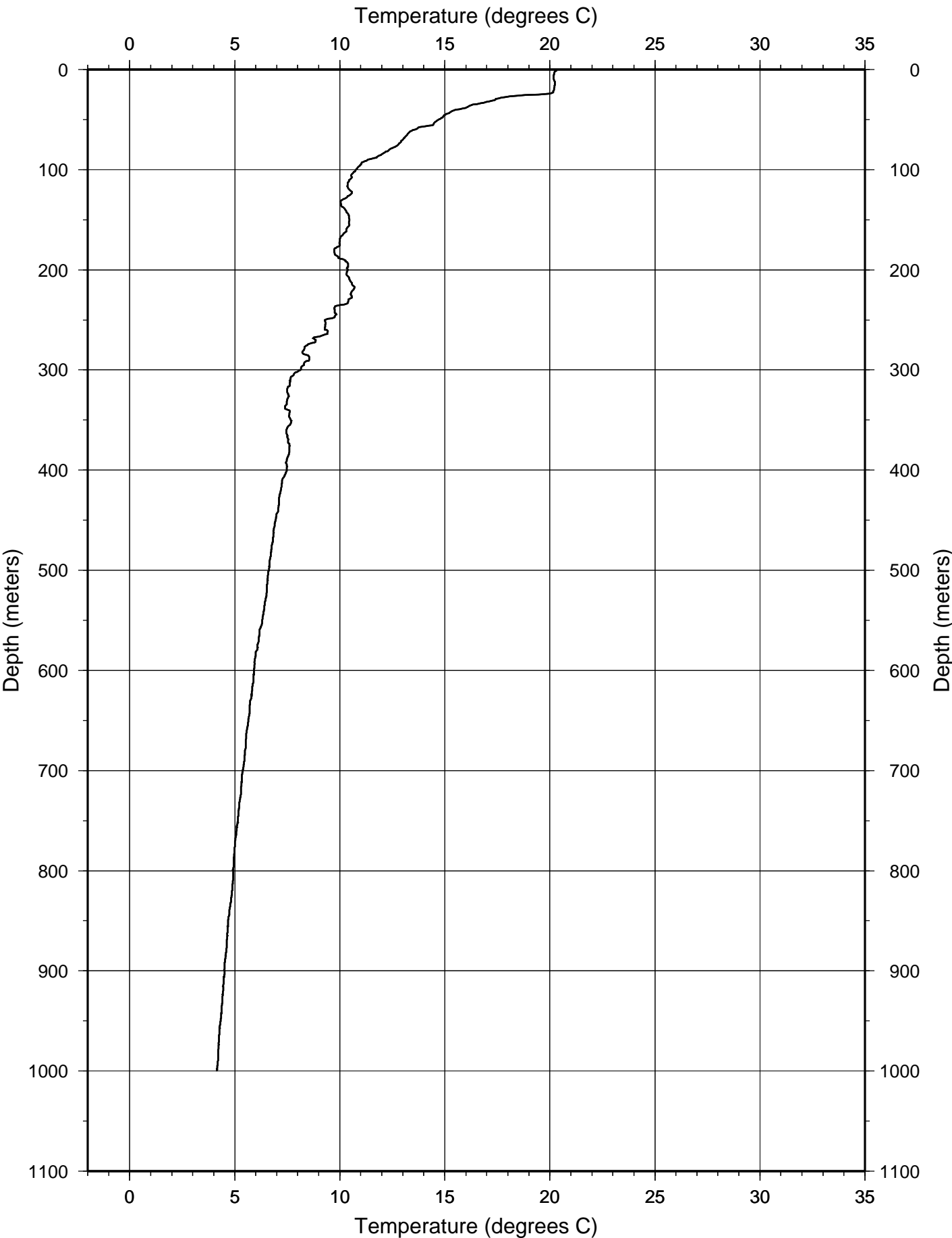
SSV data DANA01RR 2003oct08



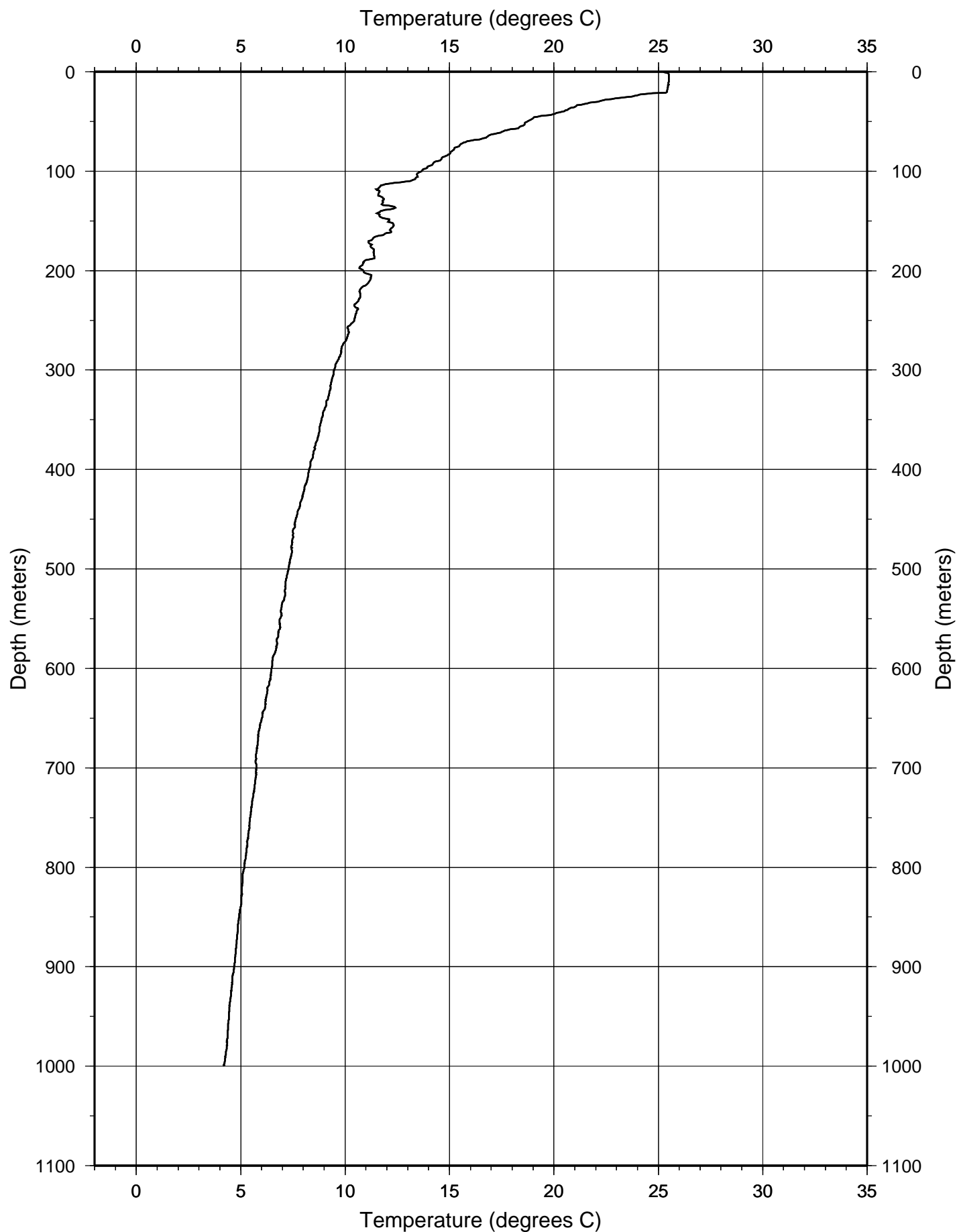
SSV data DANA01RR 2003oct09



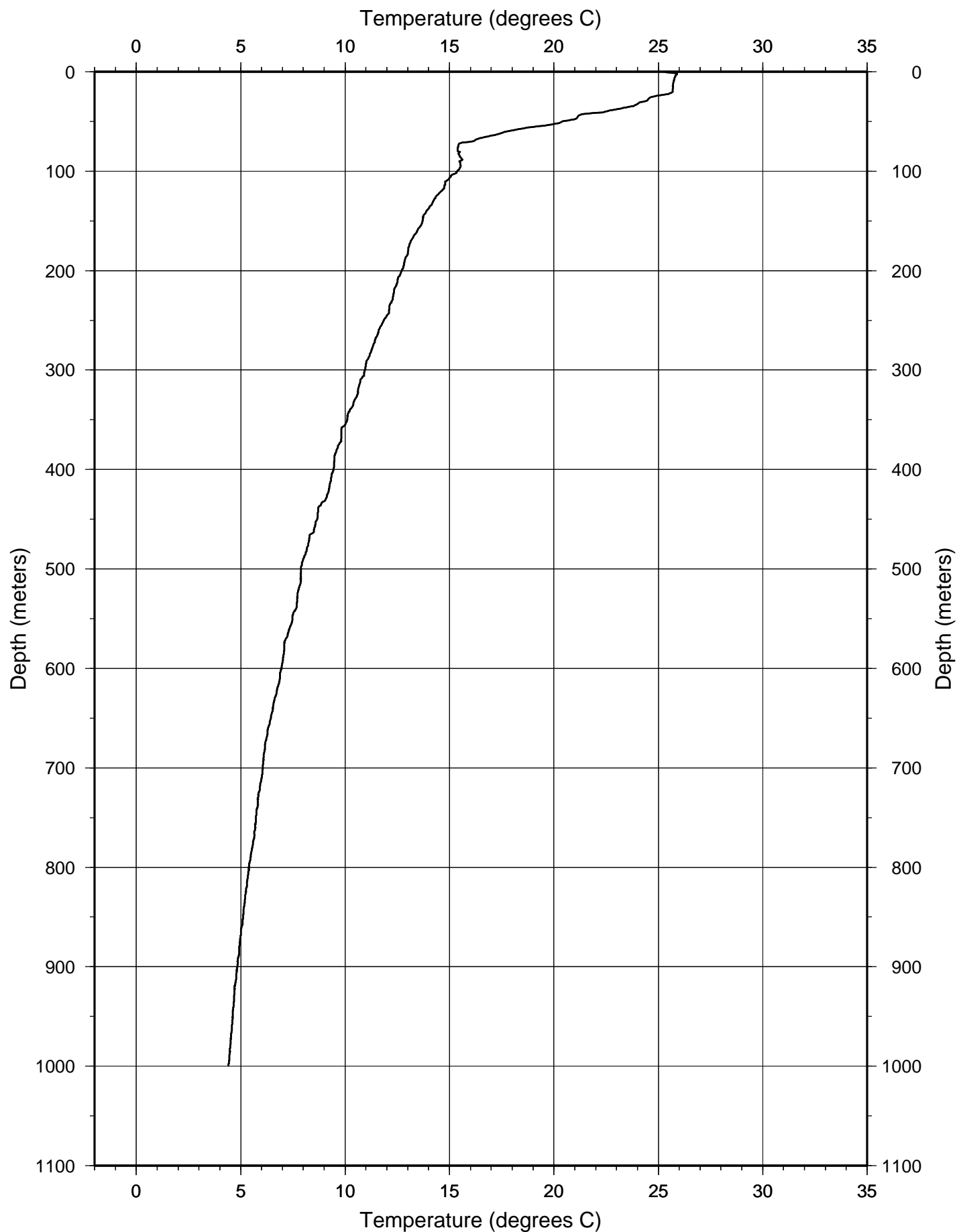
DANA01RR XBT tf_00012.edf



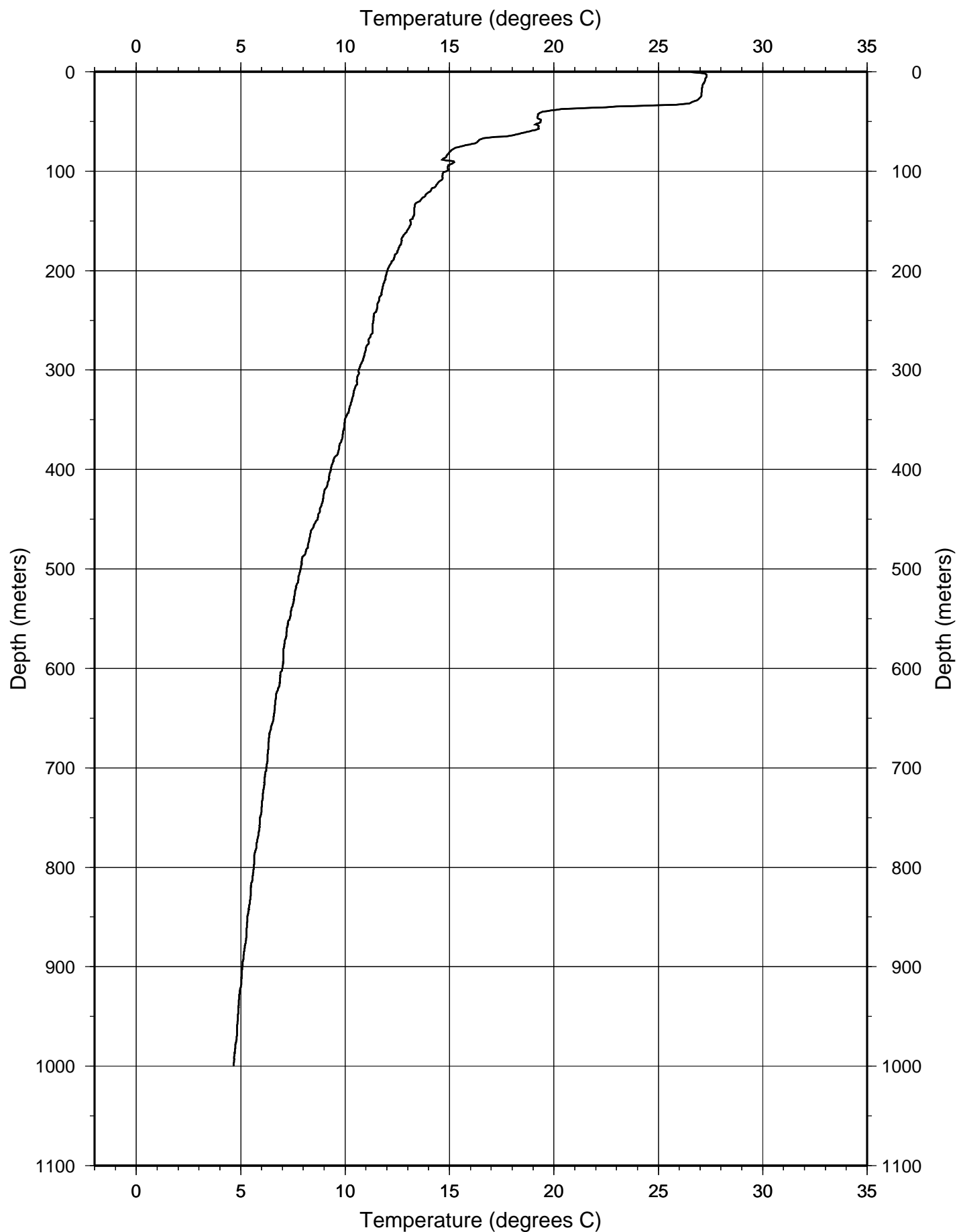
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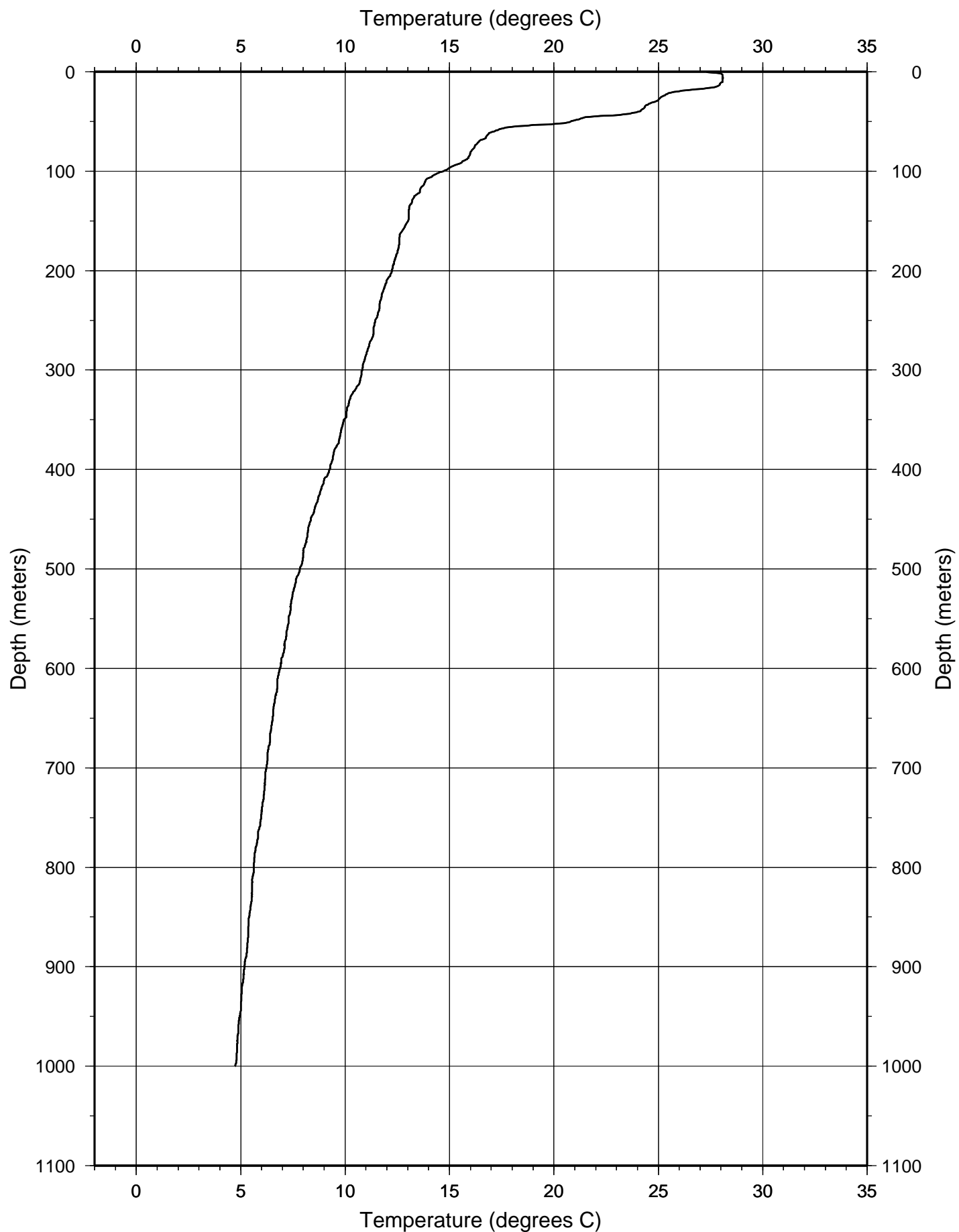
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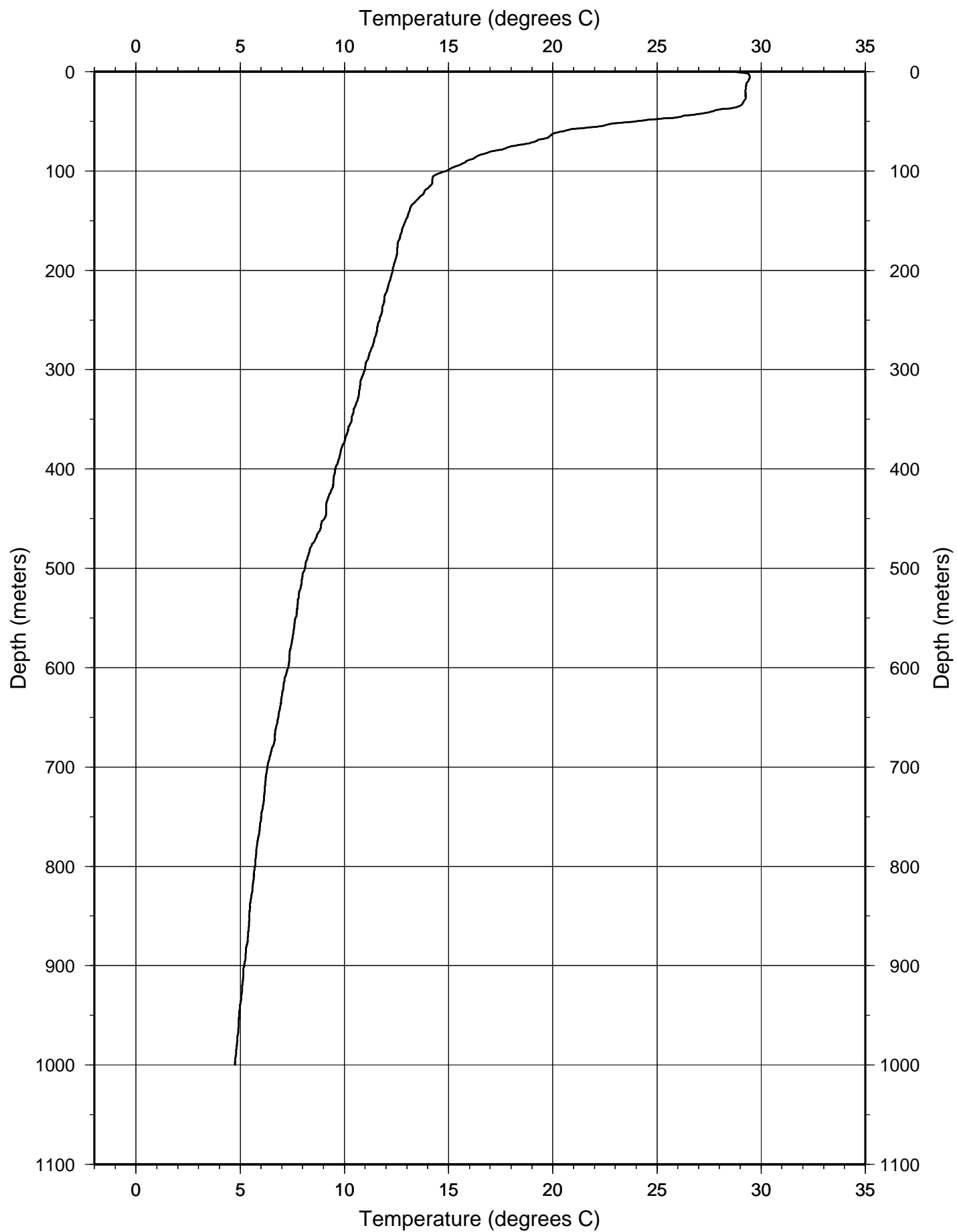
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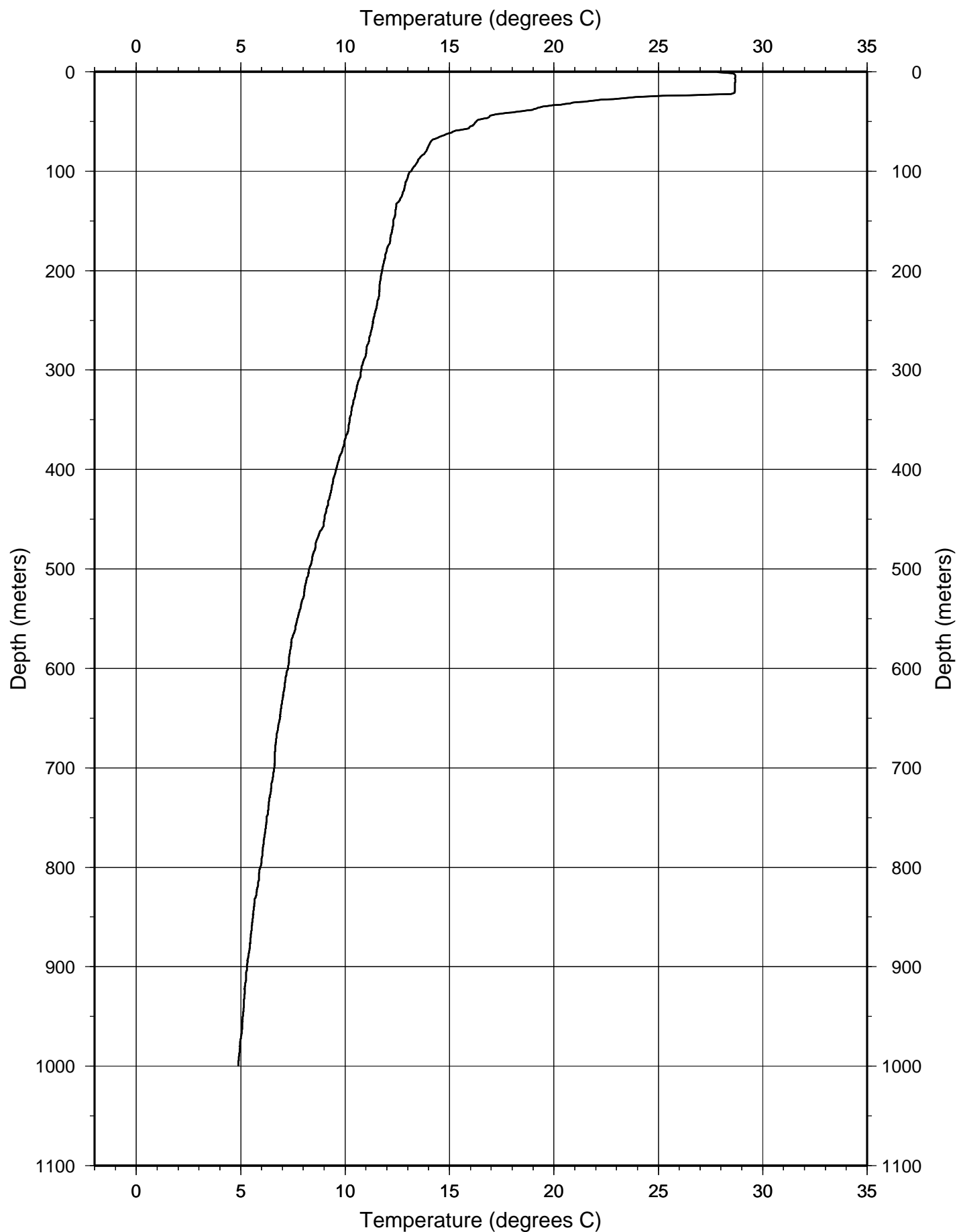
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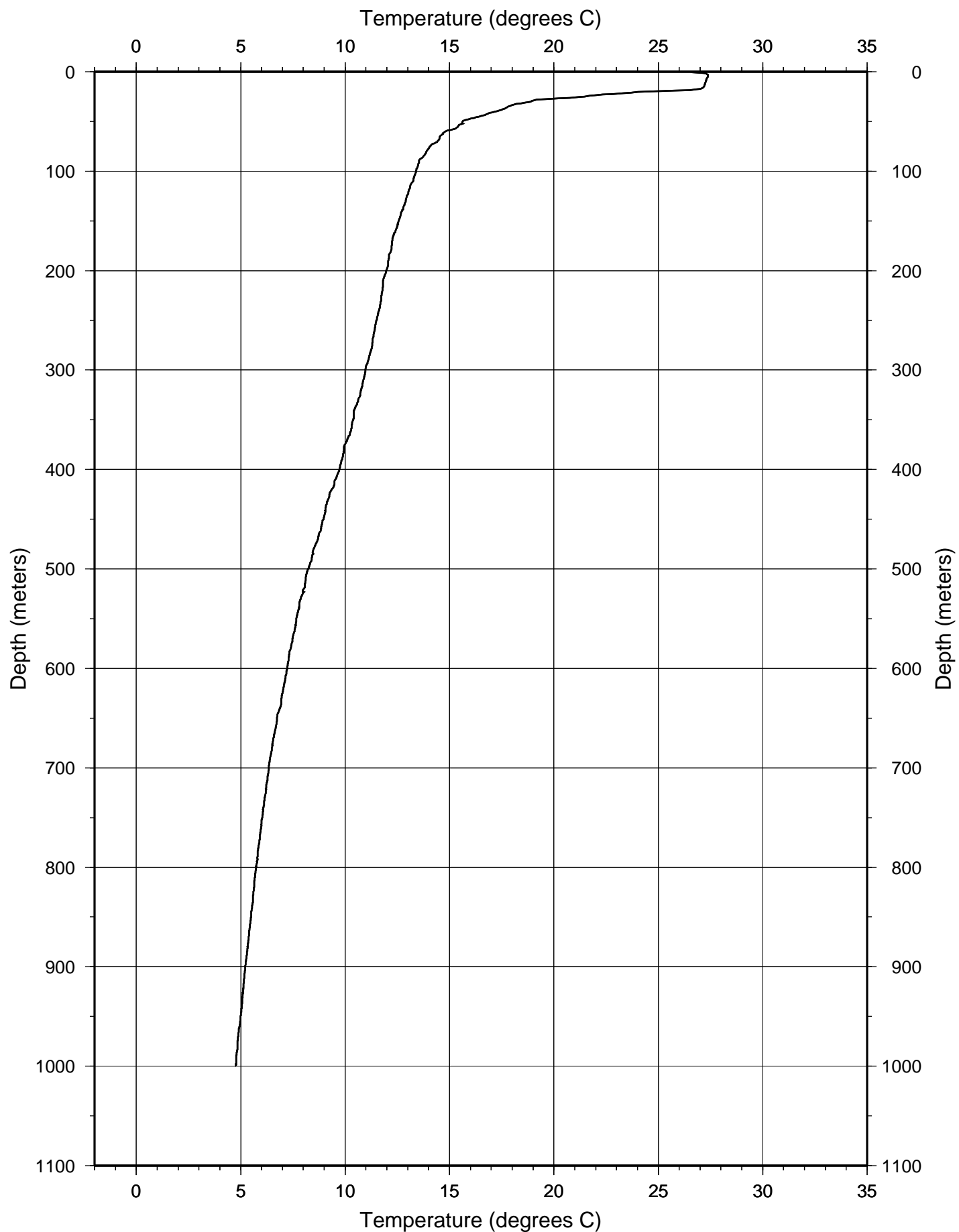
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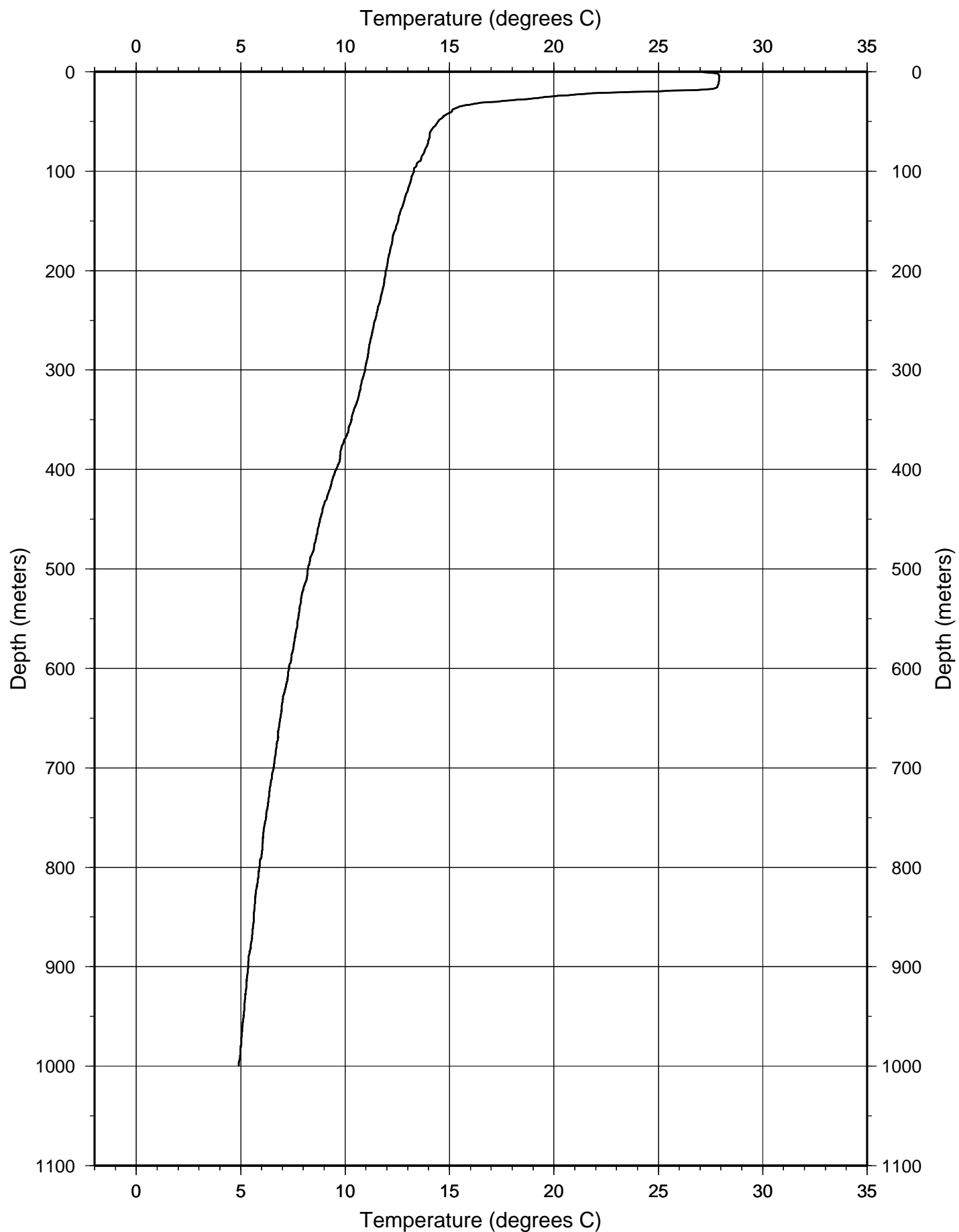
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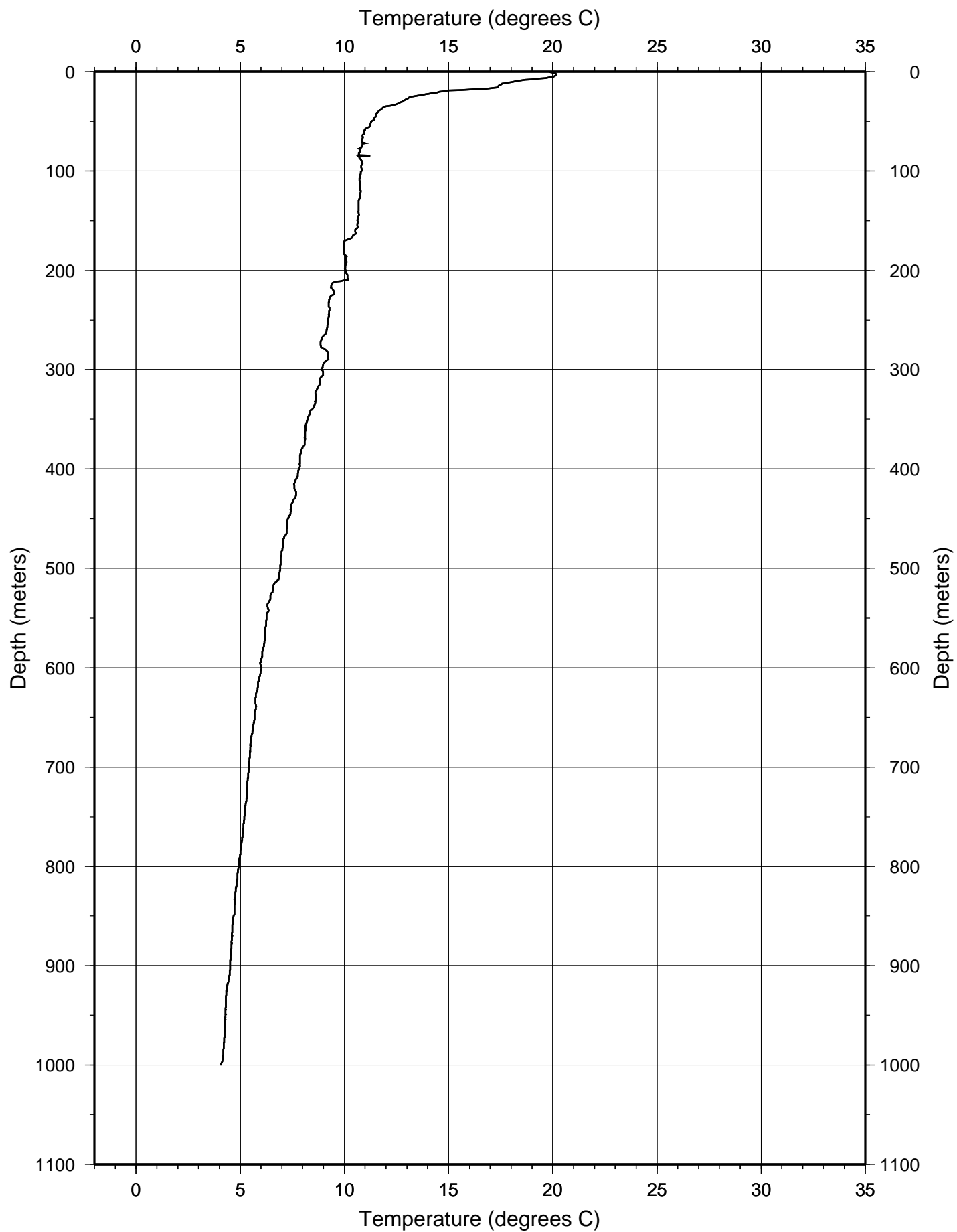
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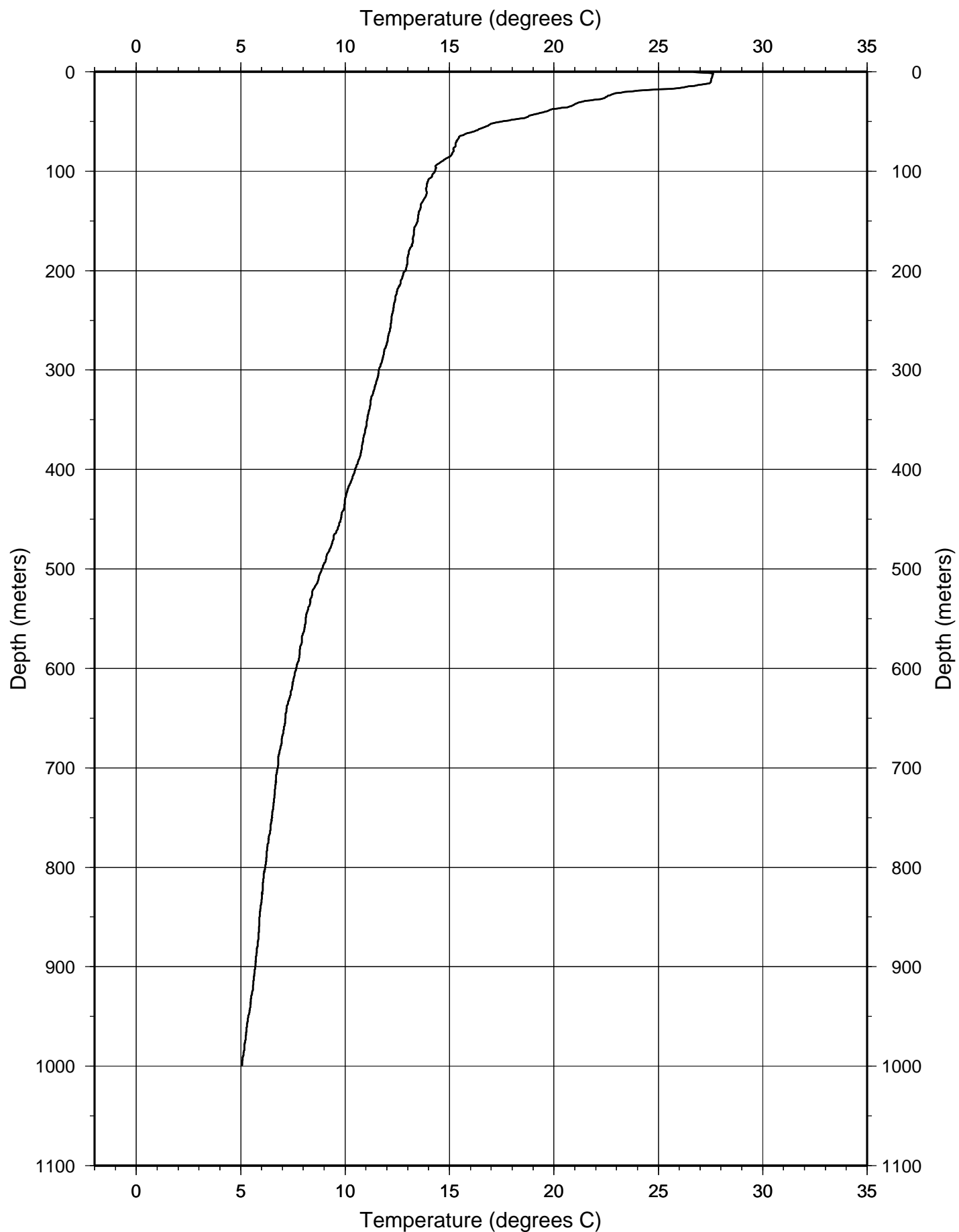
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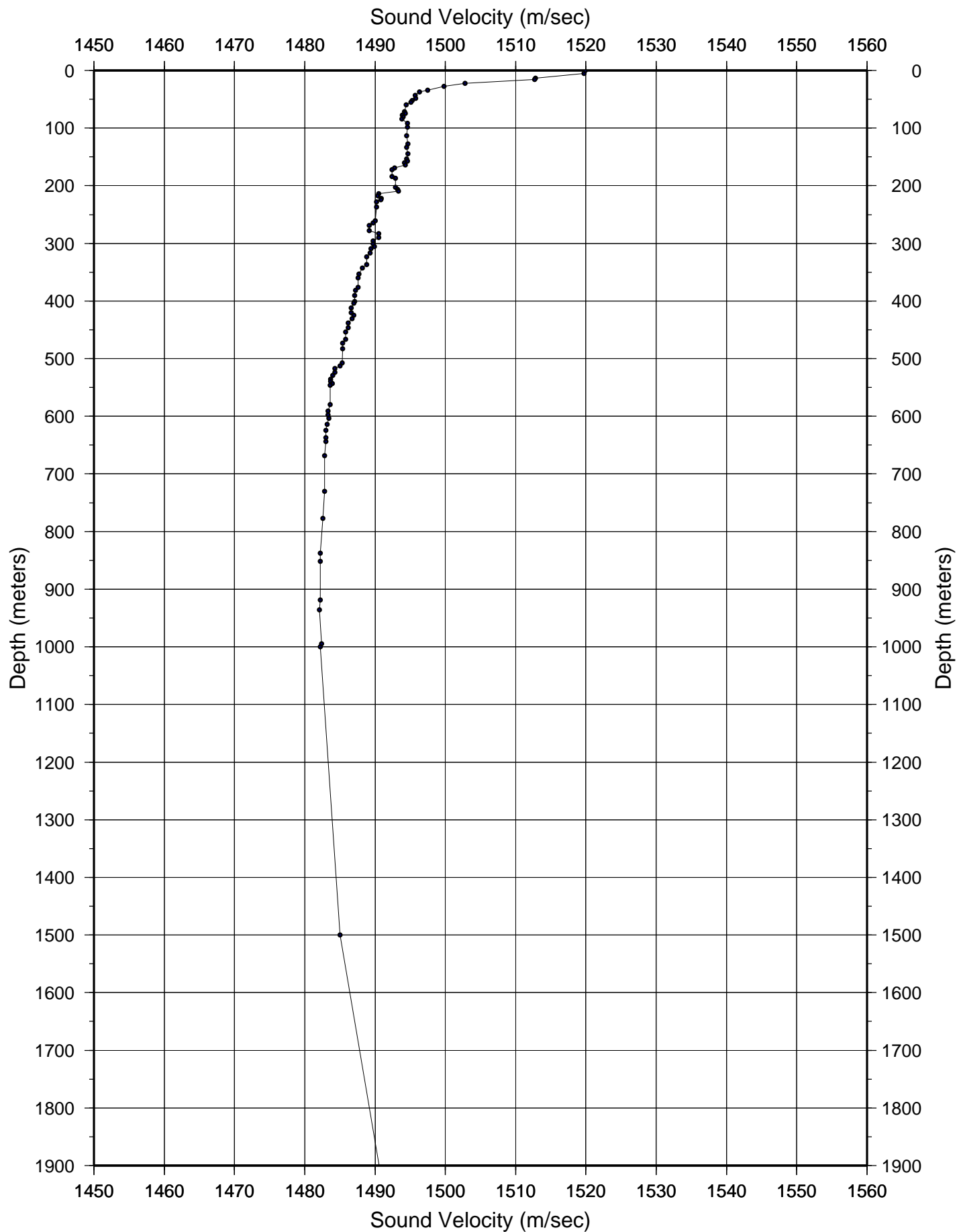
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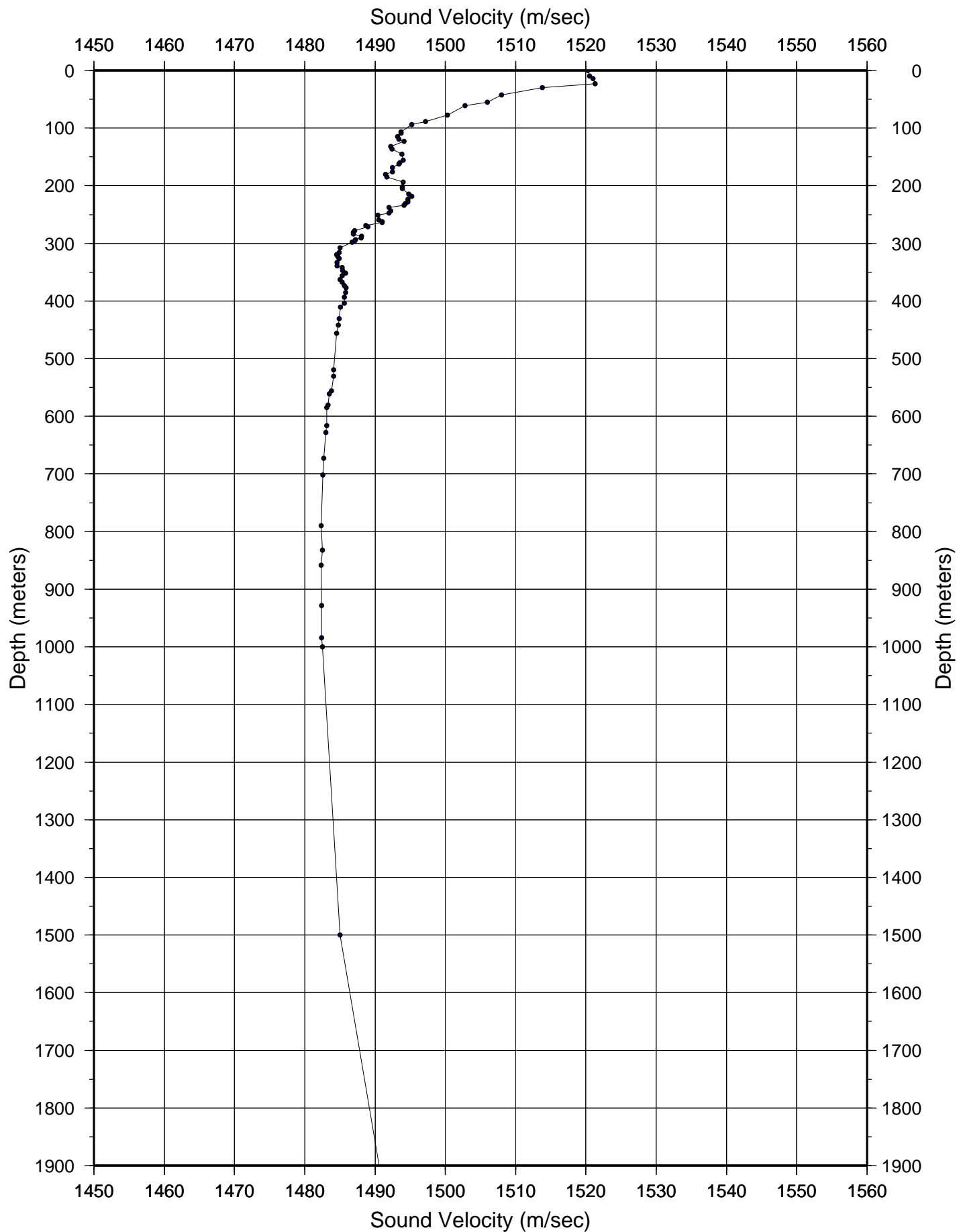
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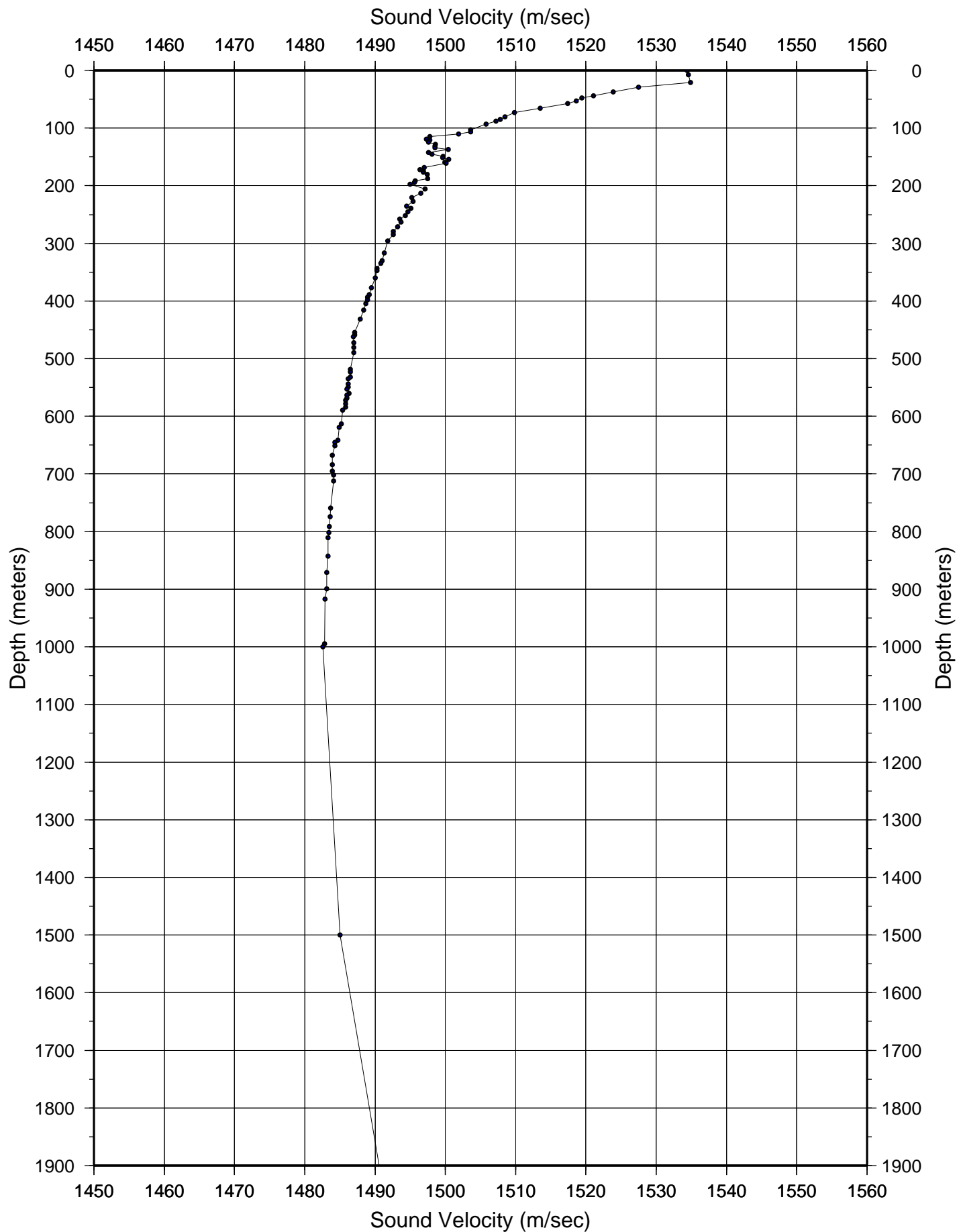
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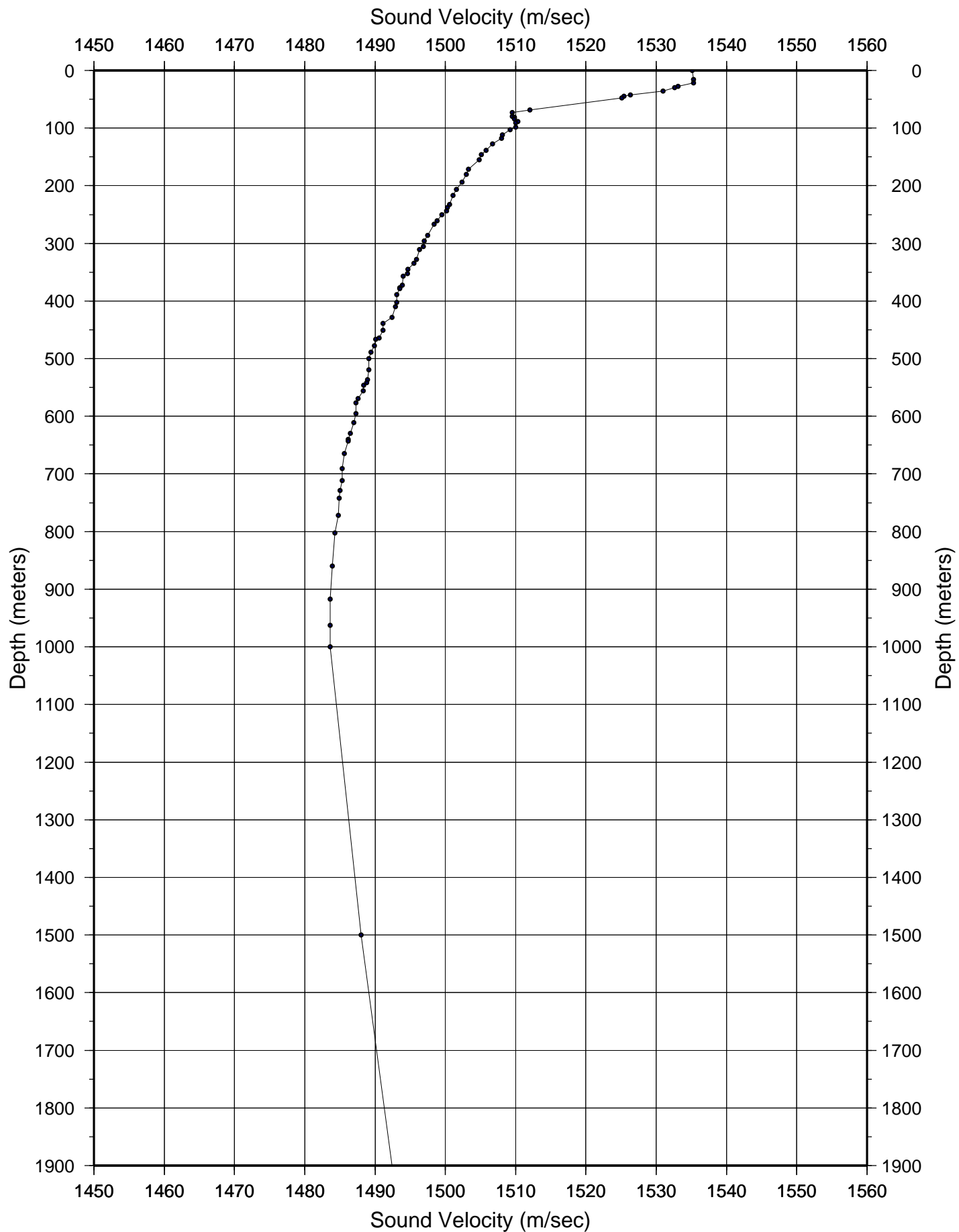
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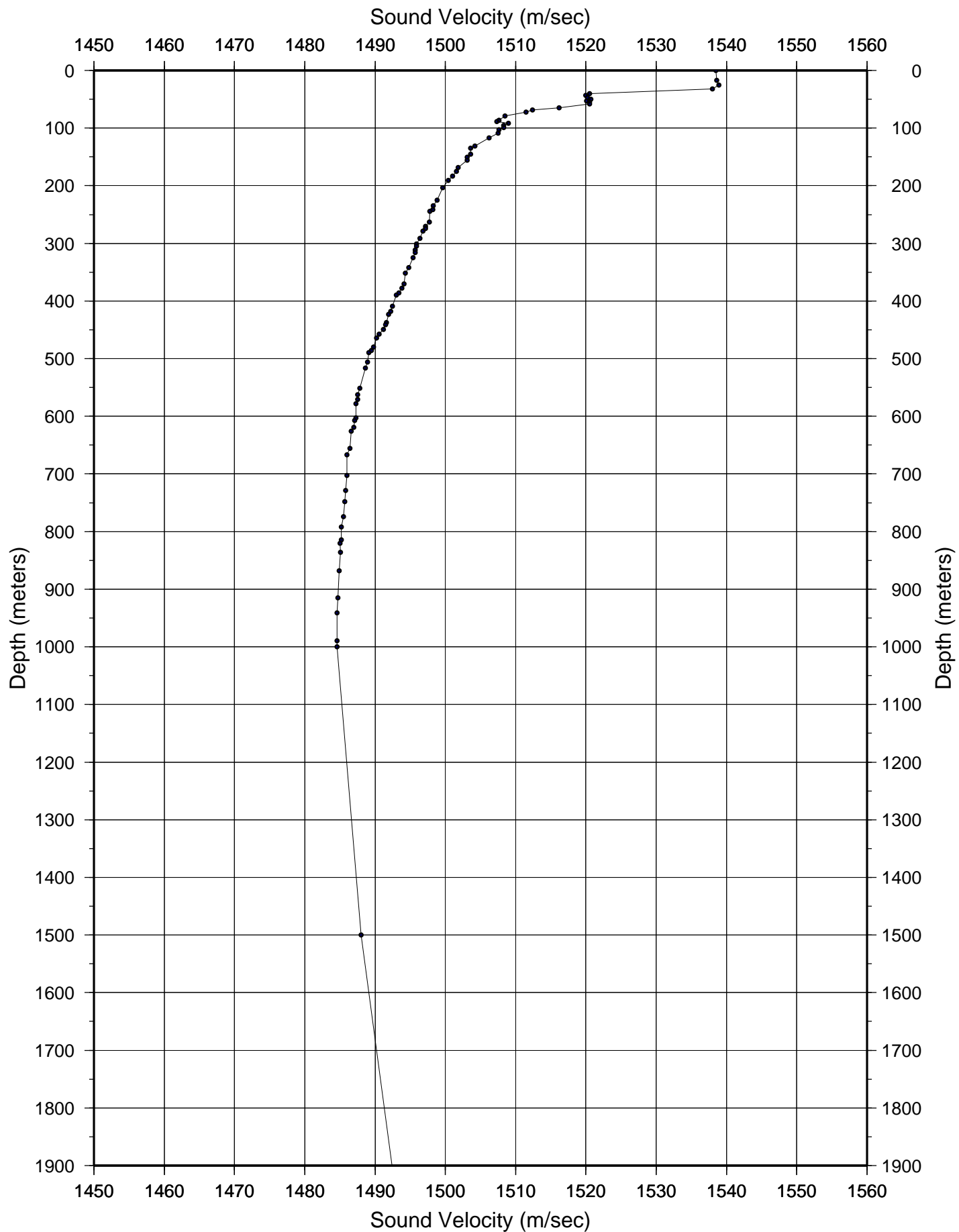
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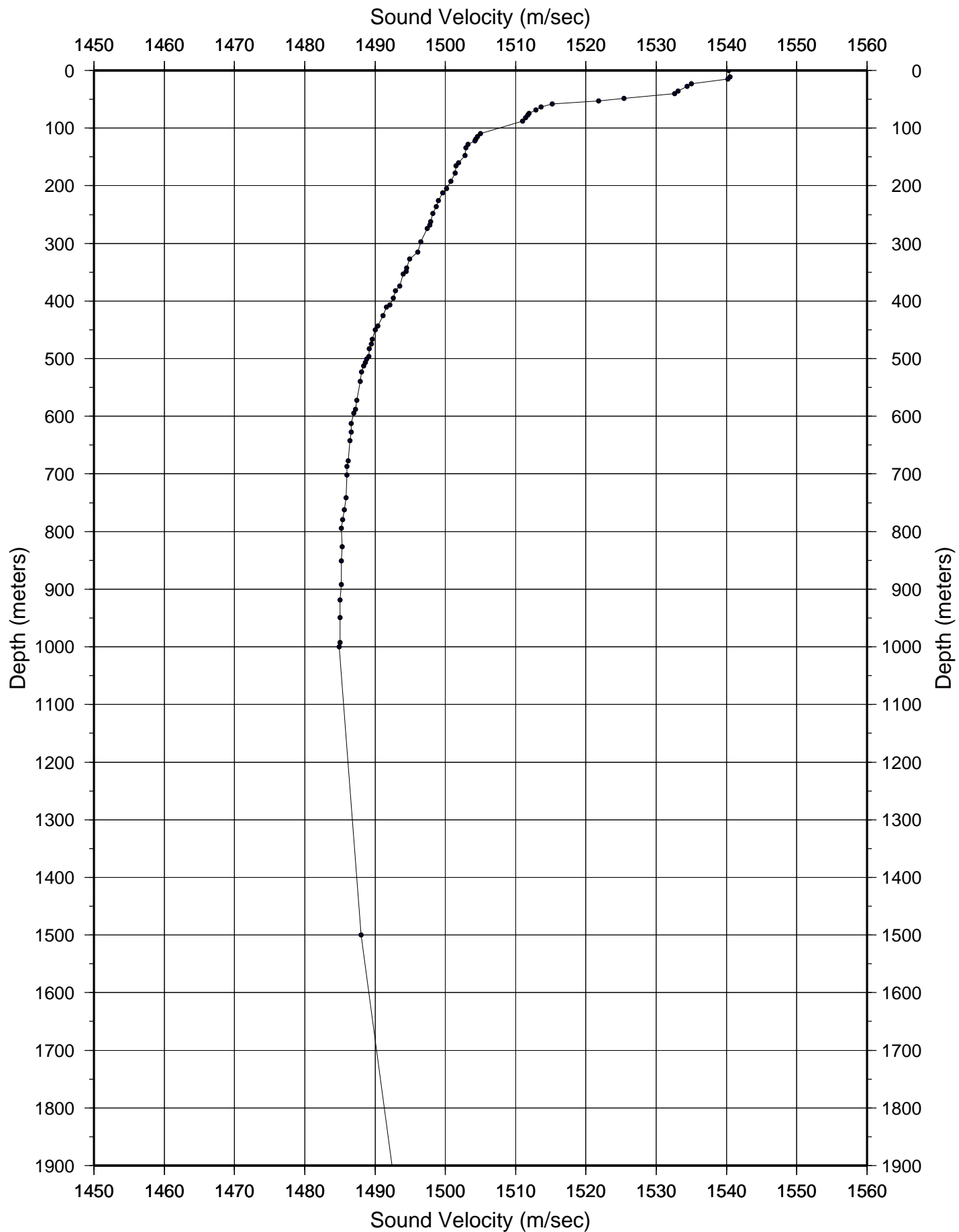
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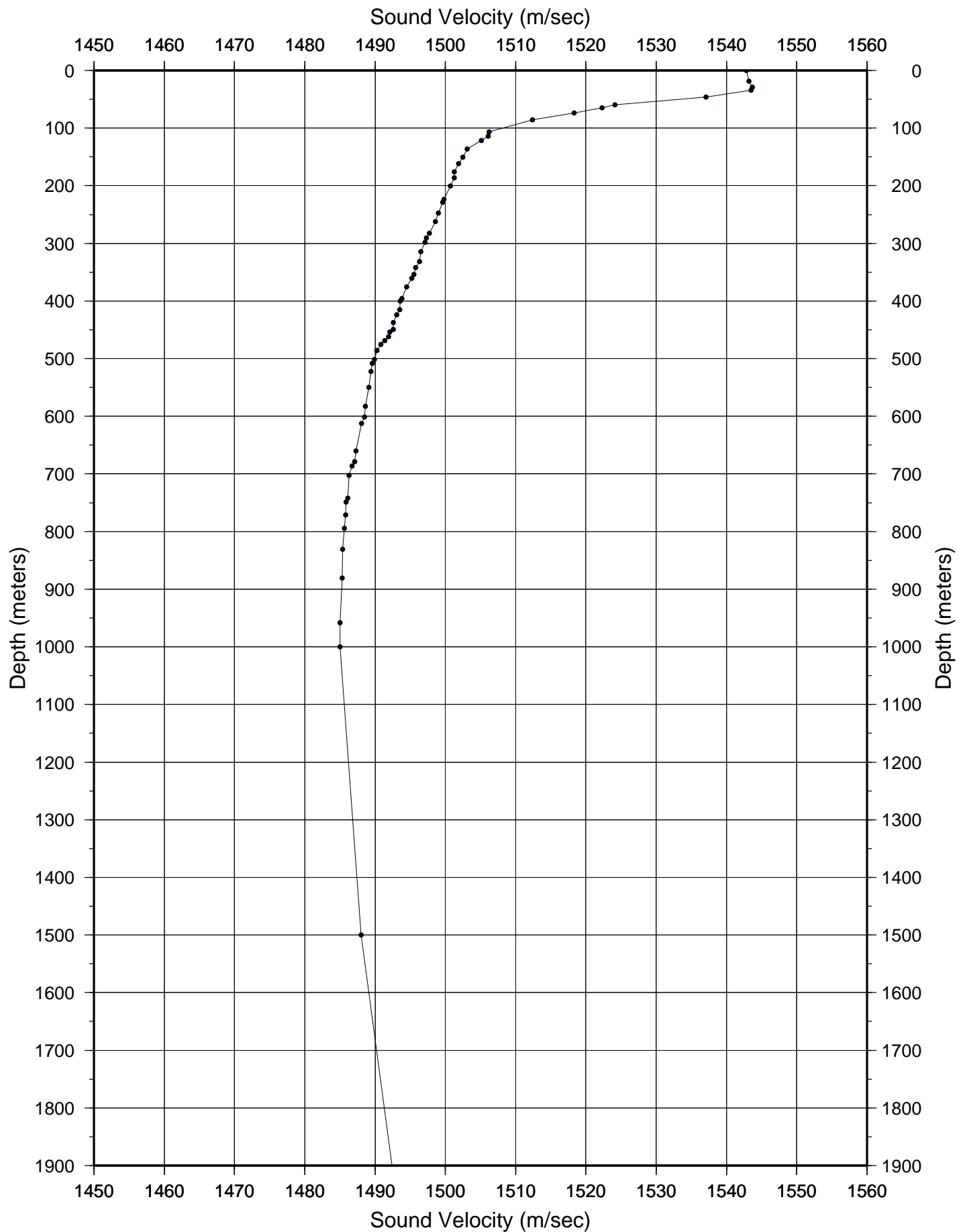
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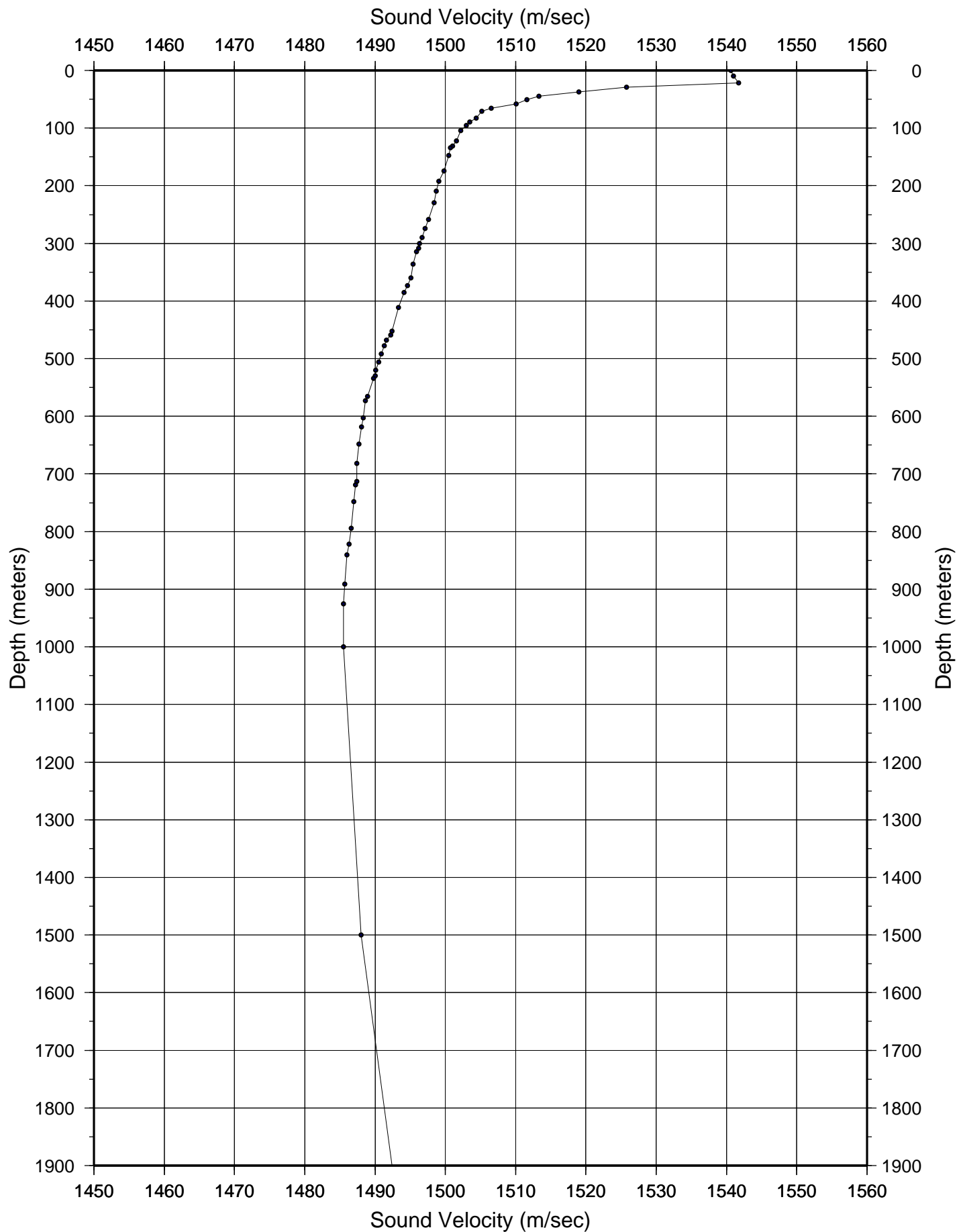
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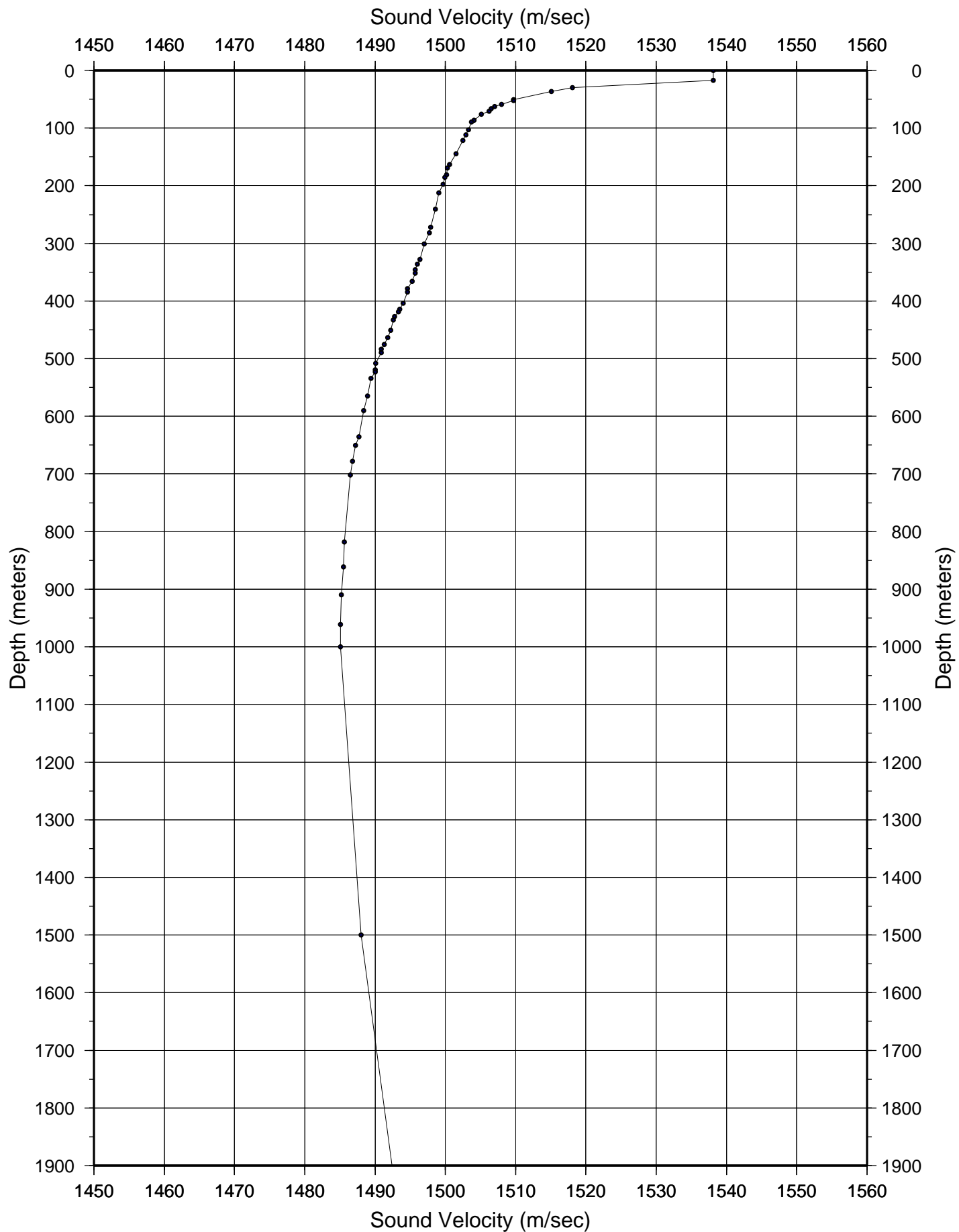
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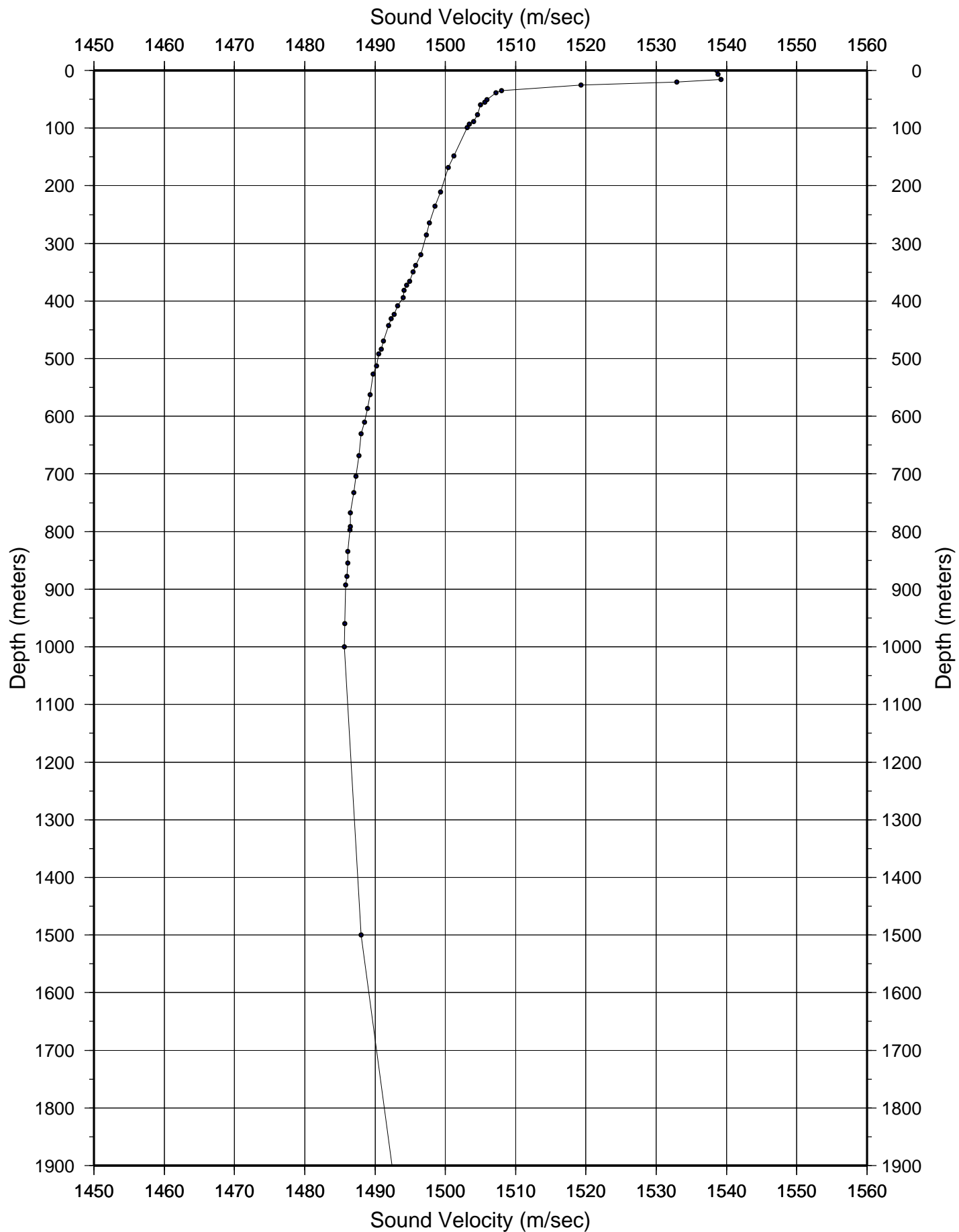
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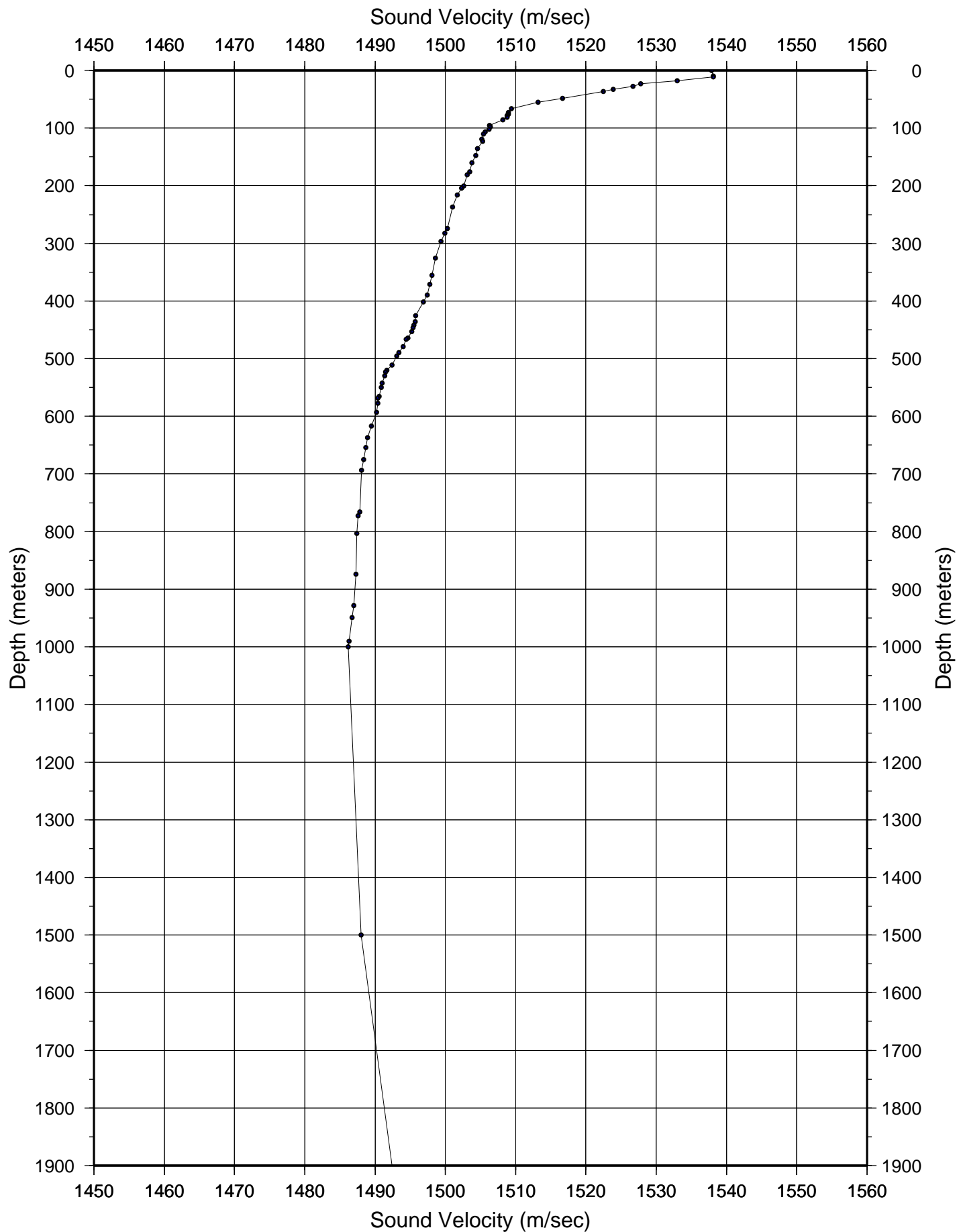
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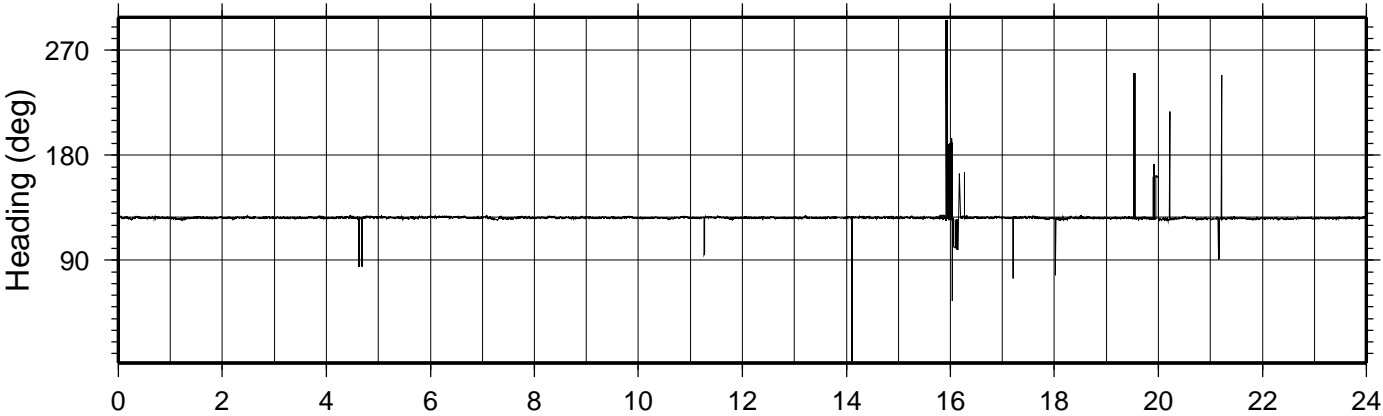
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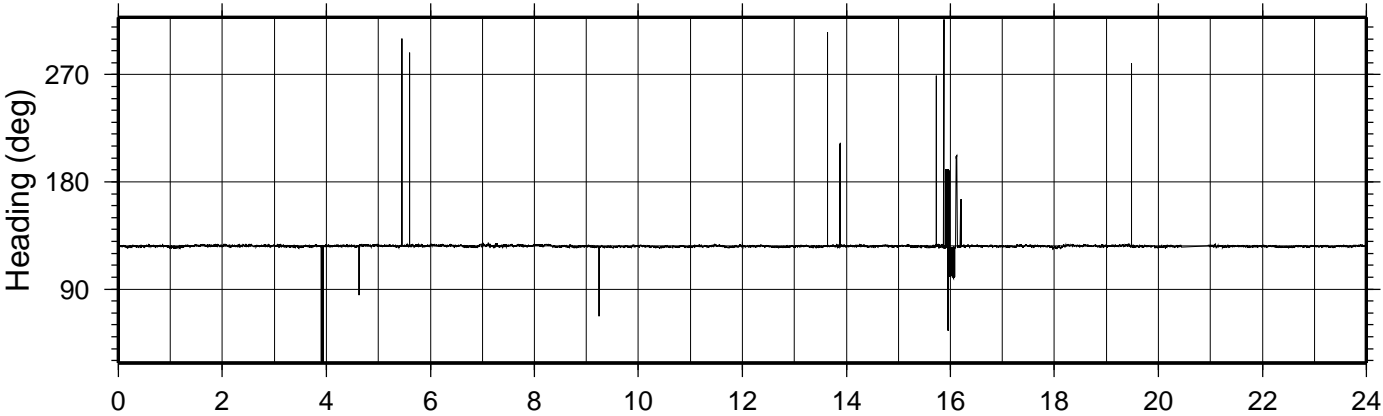
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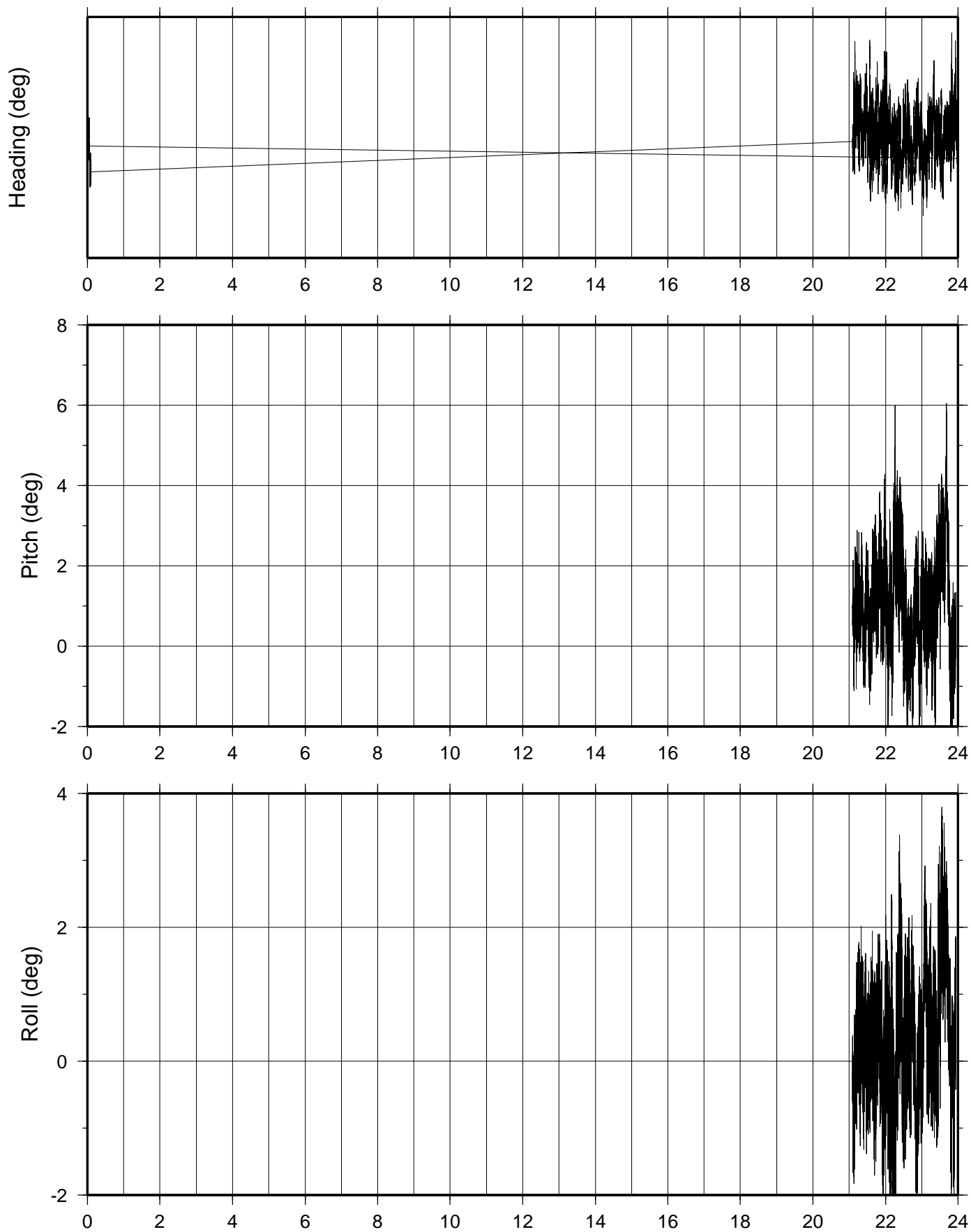
Ashtech GPS Heading/Pitch/Roll CNTL15RR 2003sep23



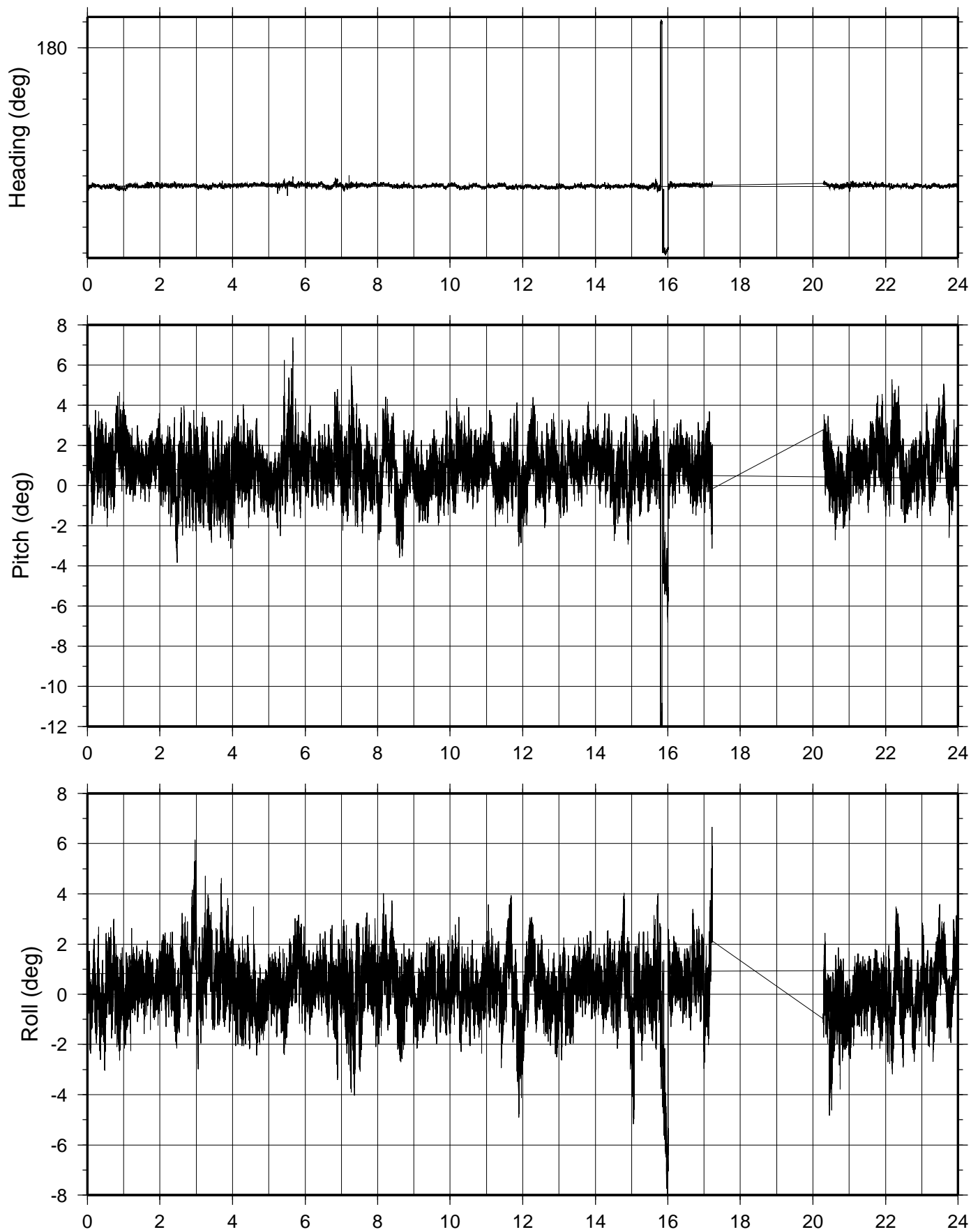
Ashtech GPS Heading/Pitch/Roll CNTL15RR 2003sep24



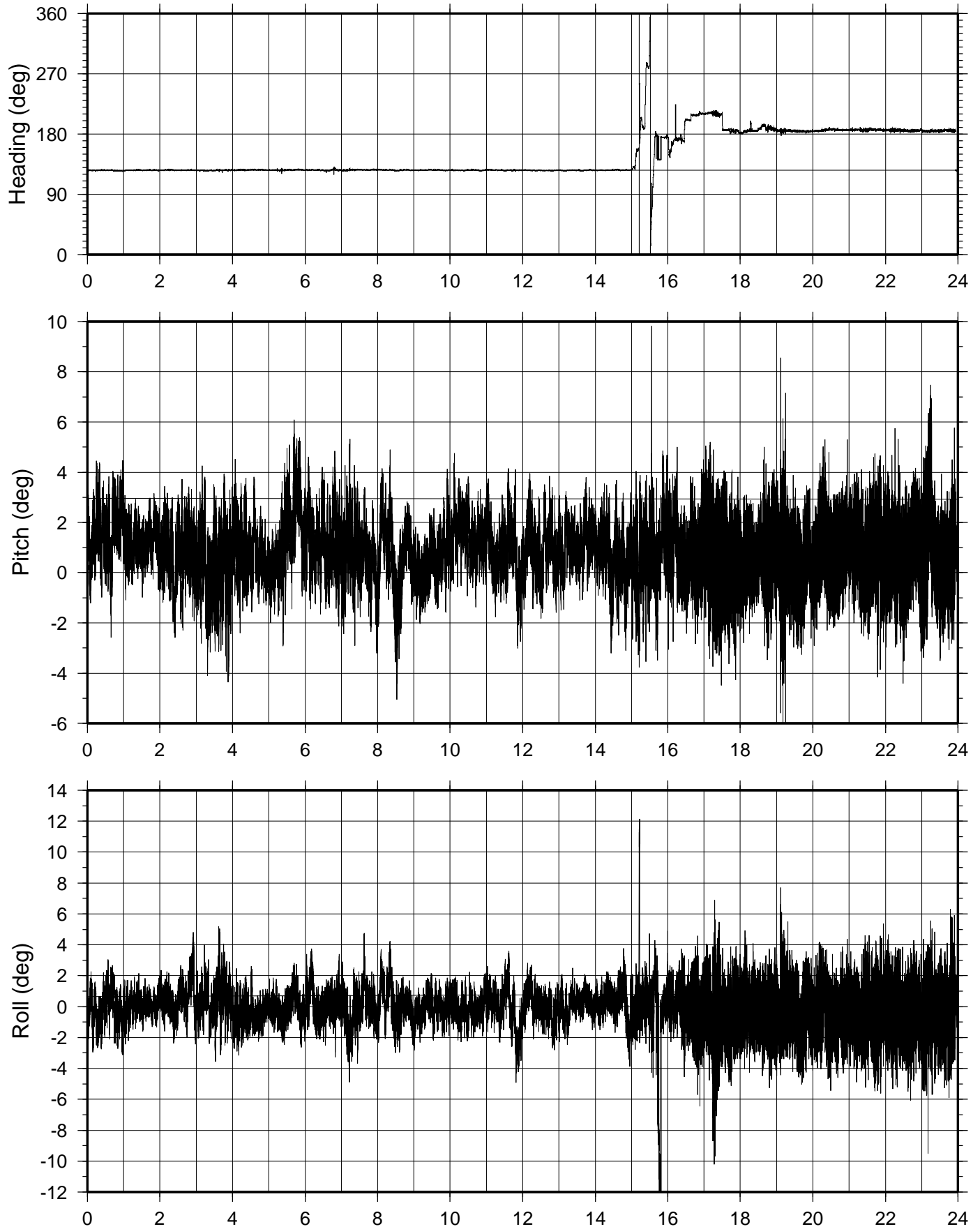
Ashtech GPS Heading/Pitch/Roll CNTL15RR 2003sep25



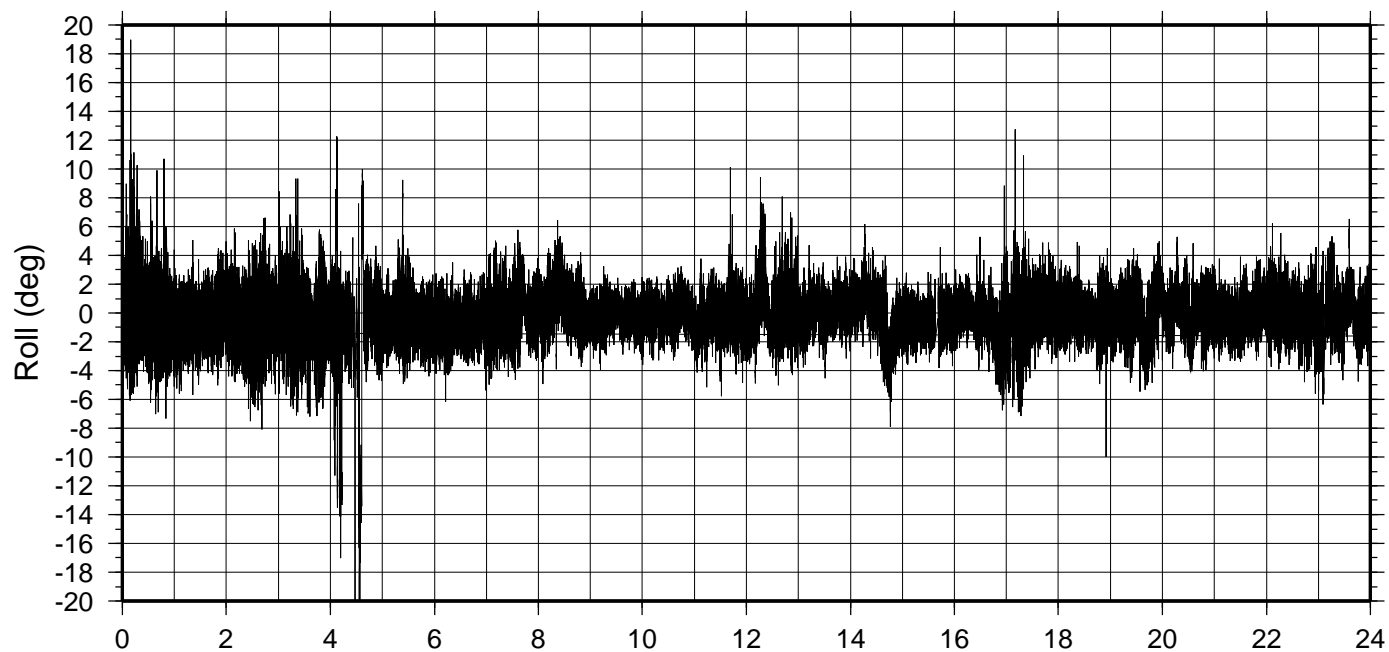
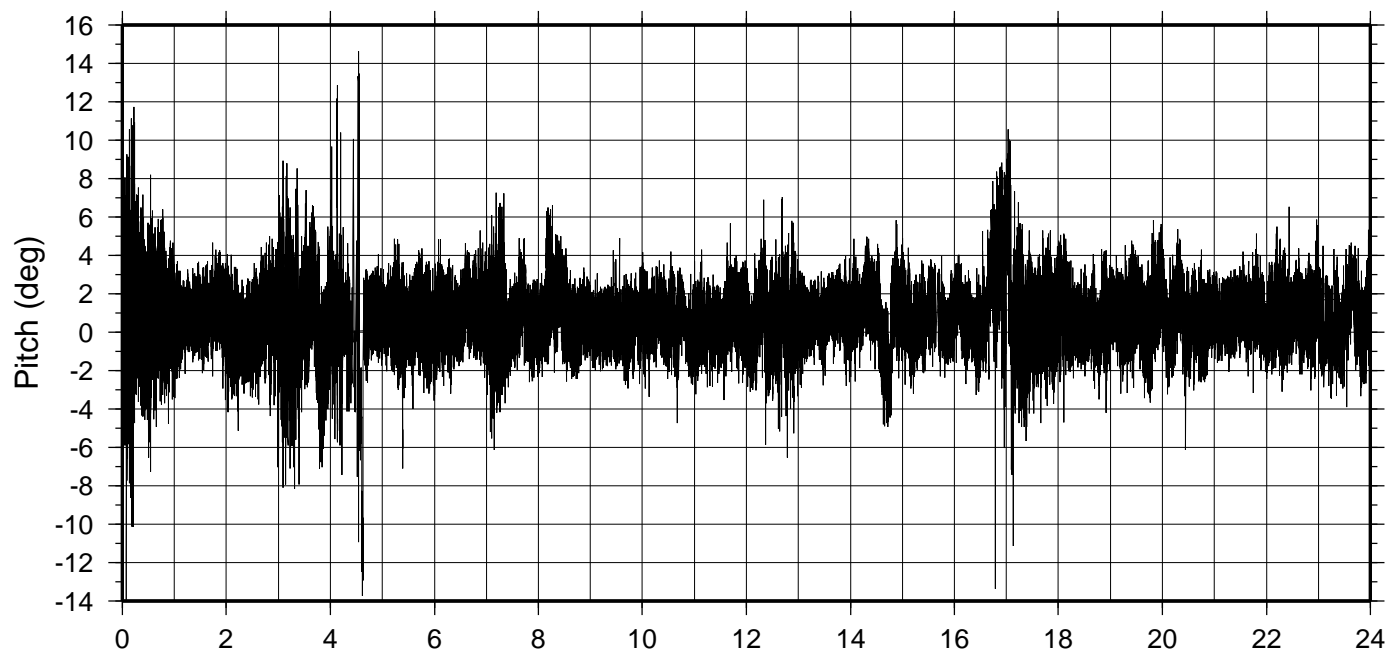
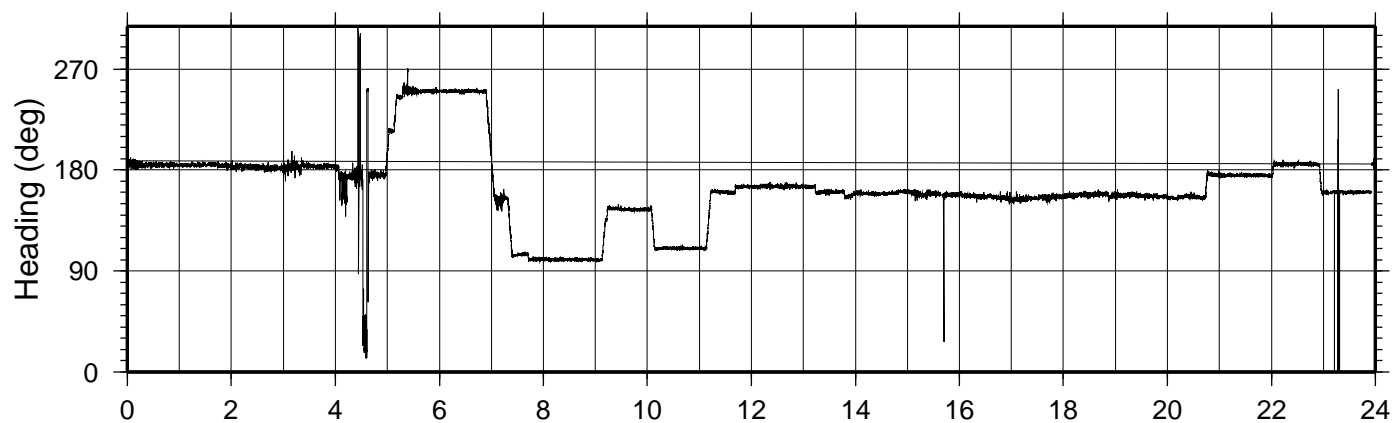
Ashtech GPS Heading/Pitch/Roll CNTL15RR 2003sep26



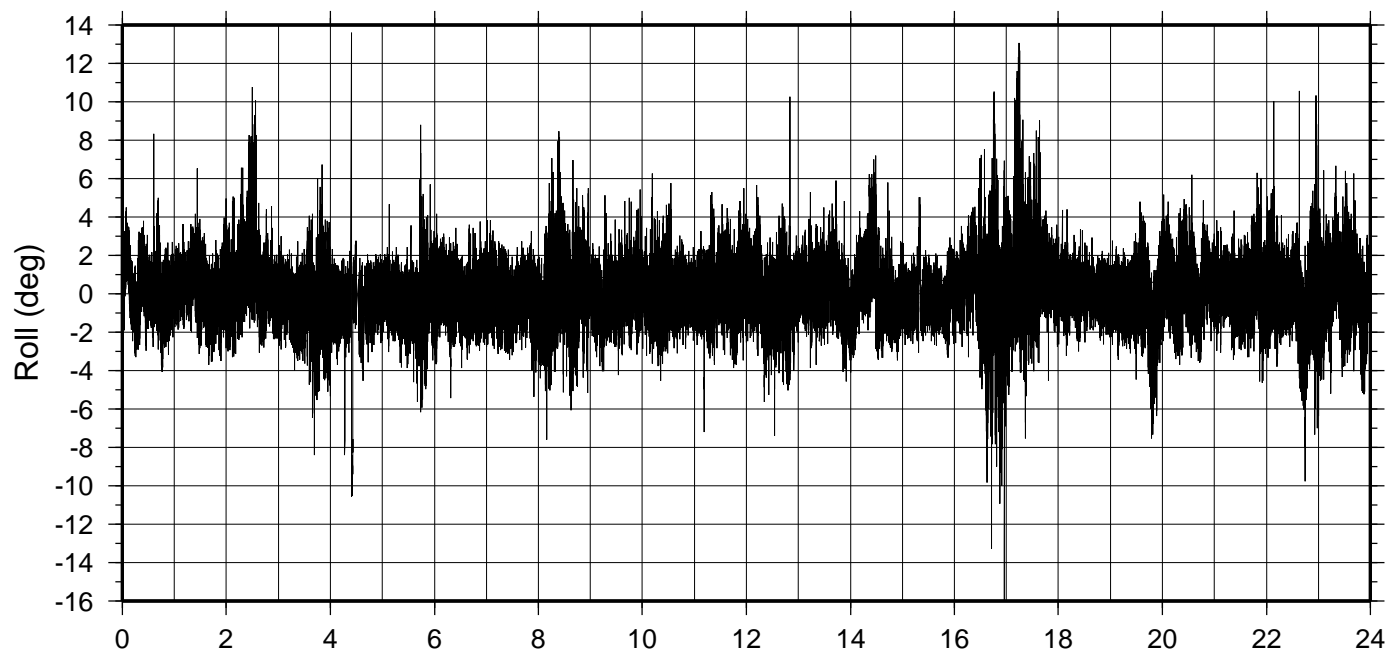
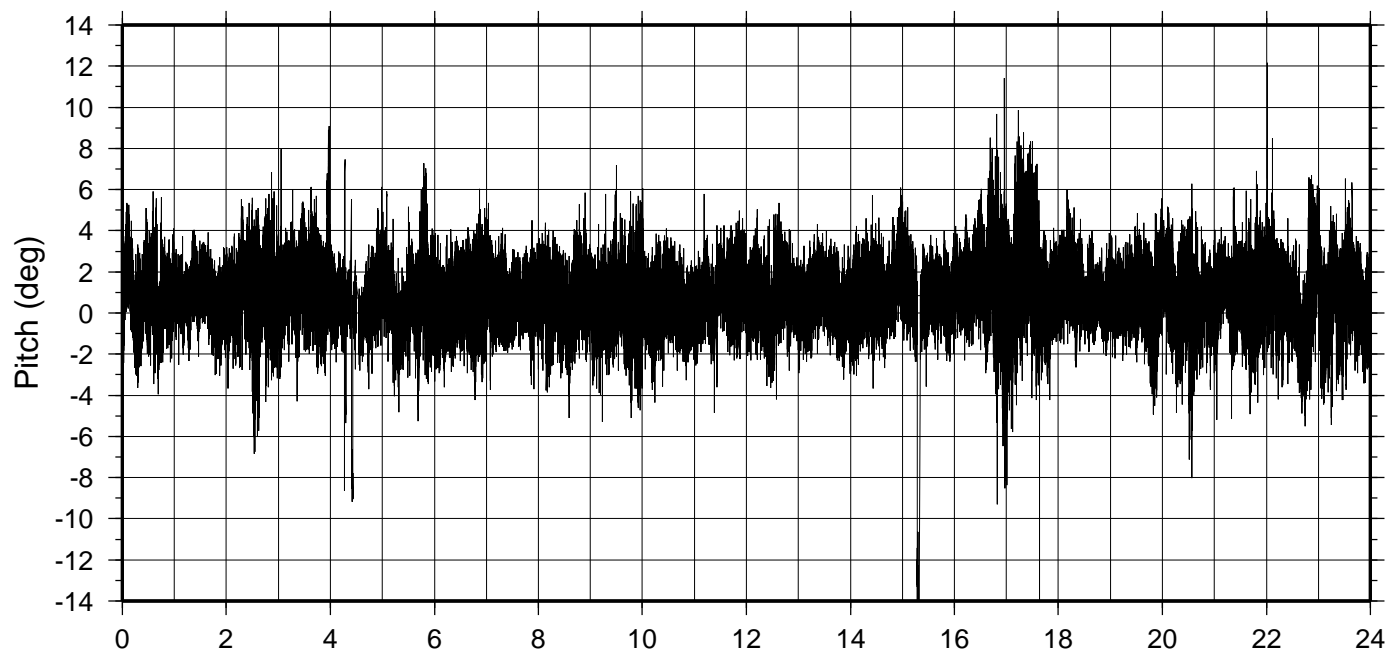
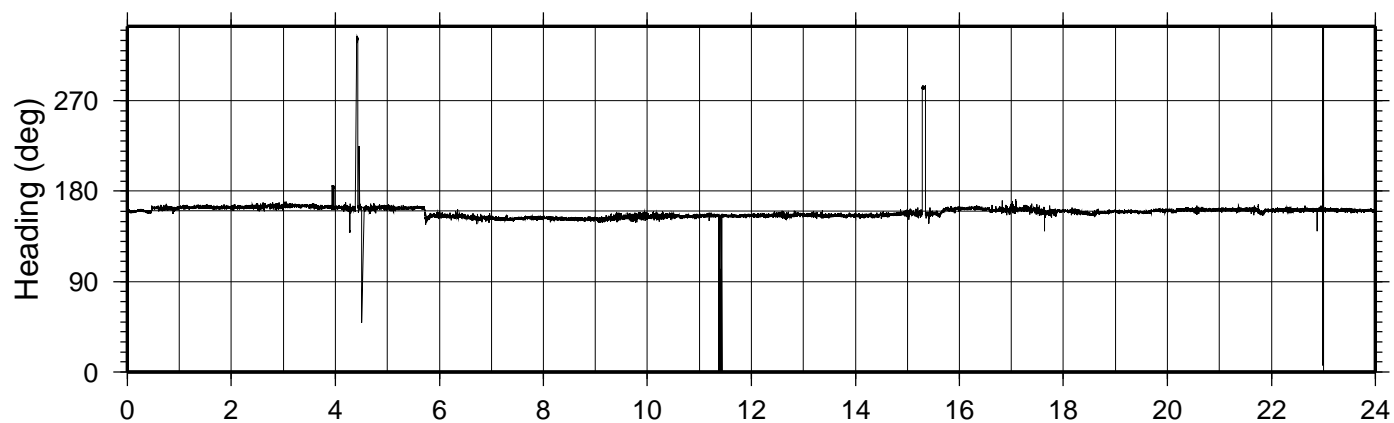
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003sep27



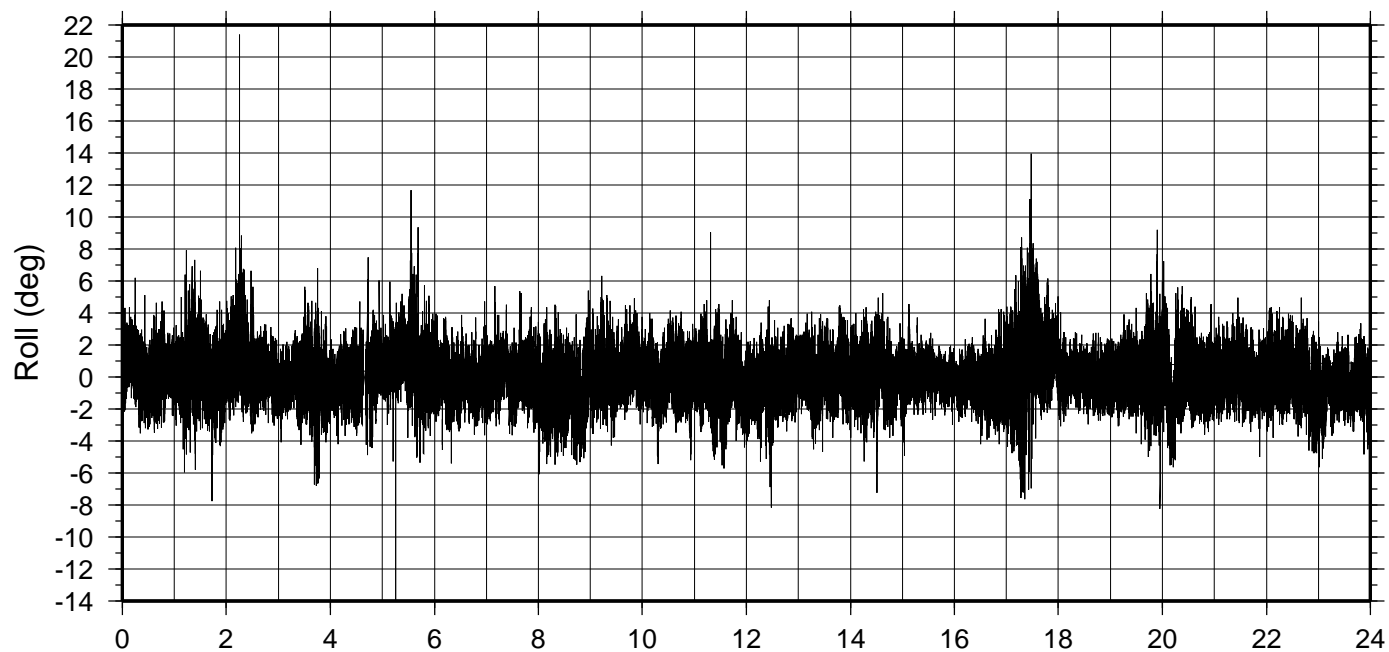
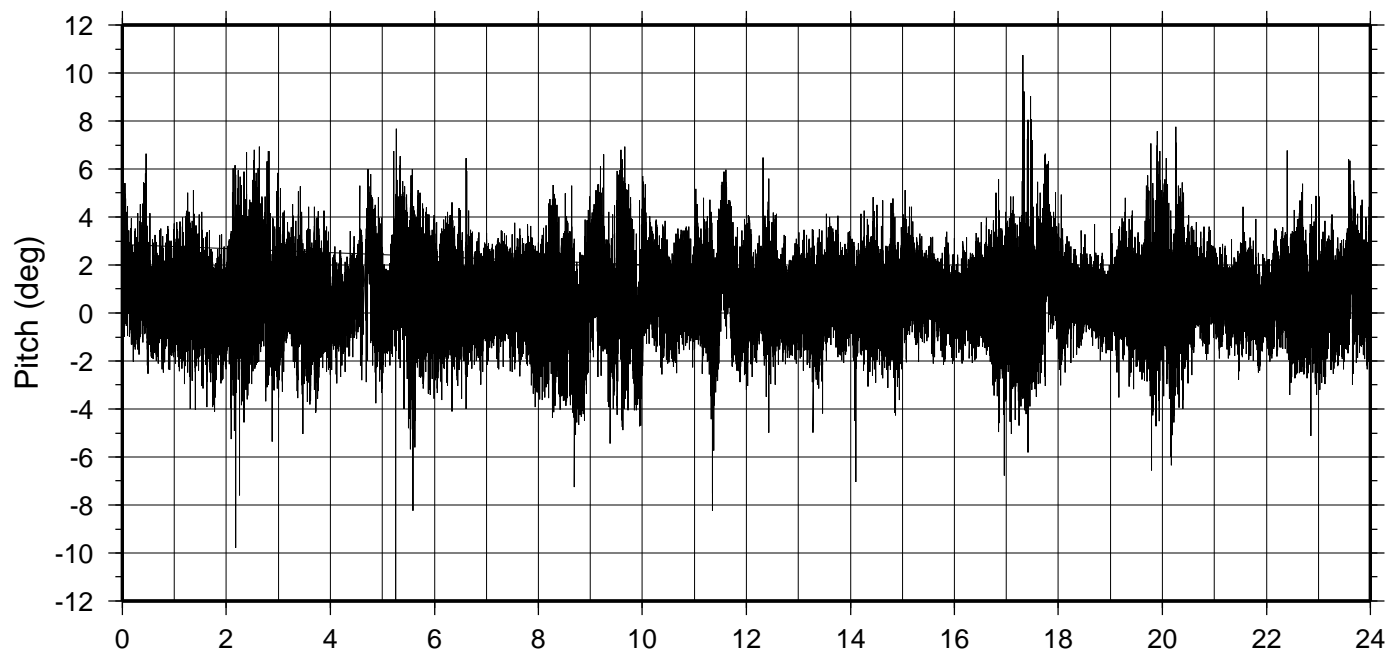
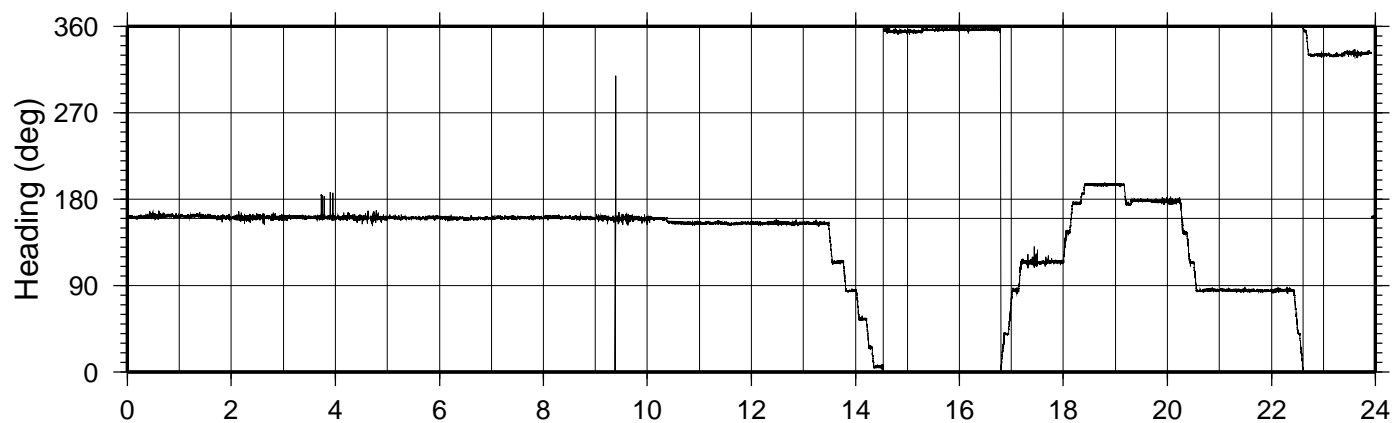
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003sep28



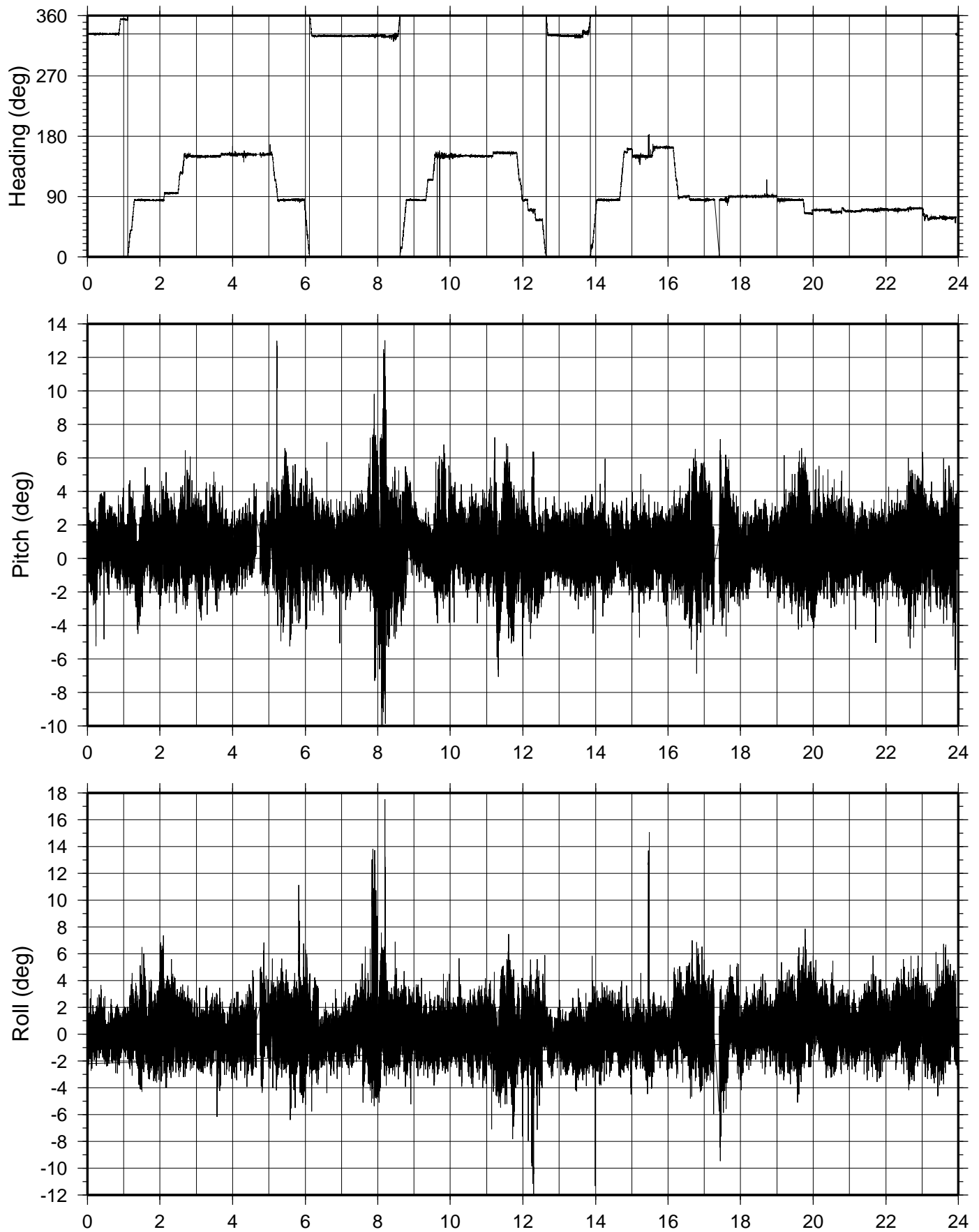
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003sep29



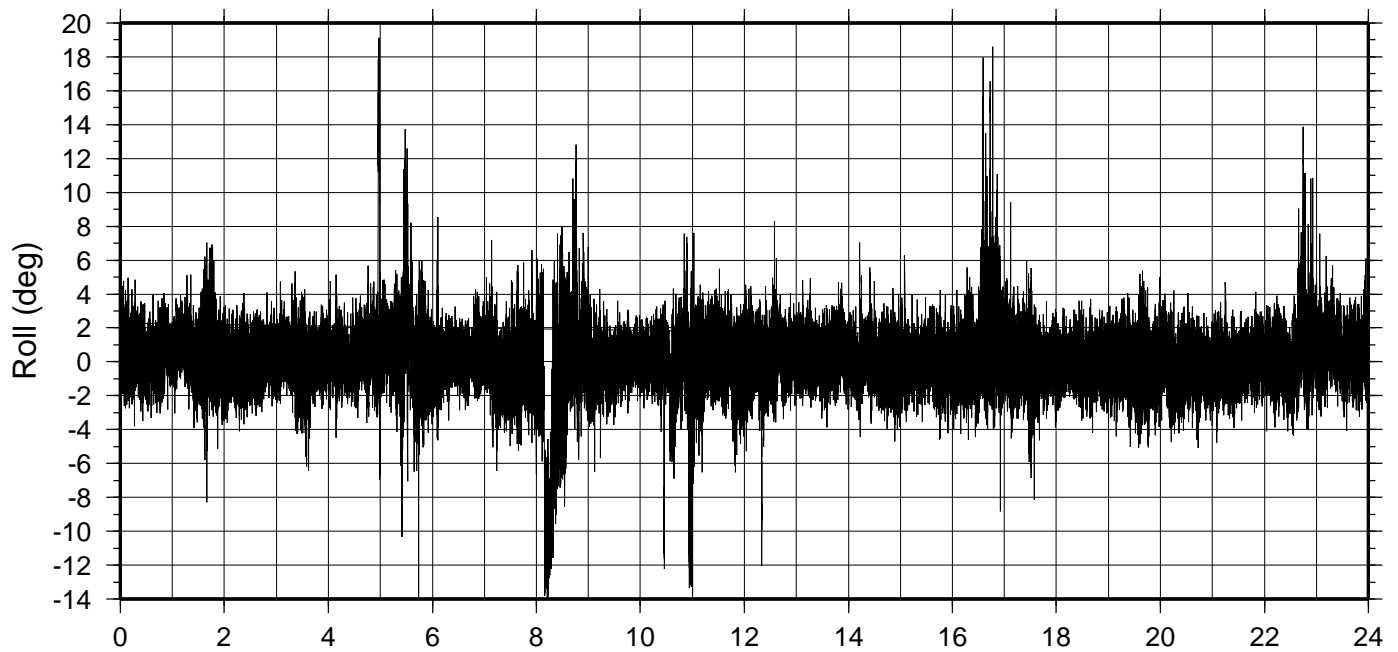
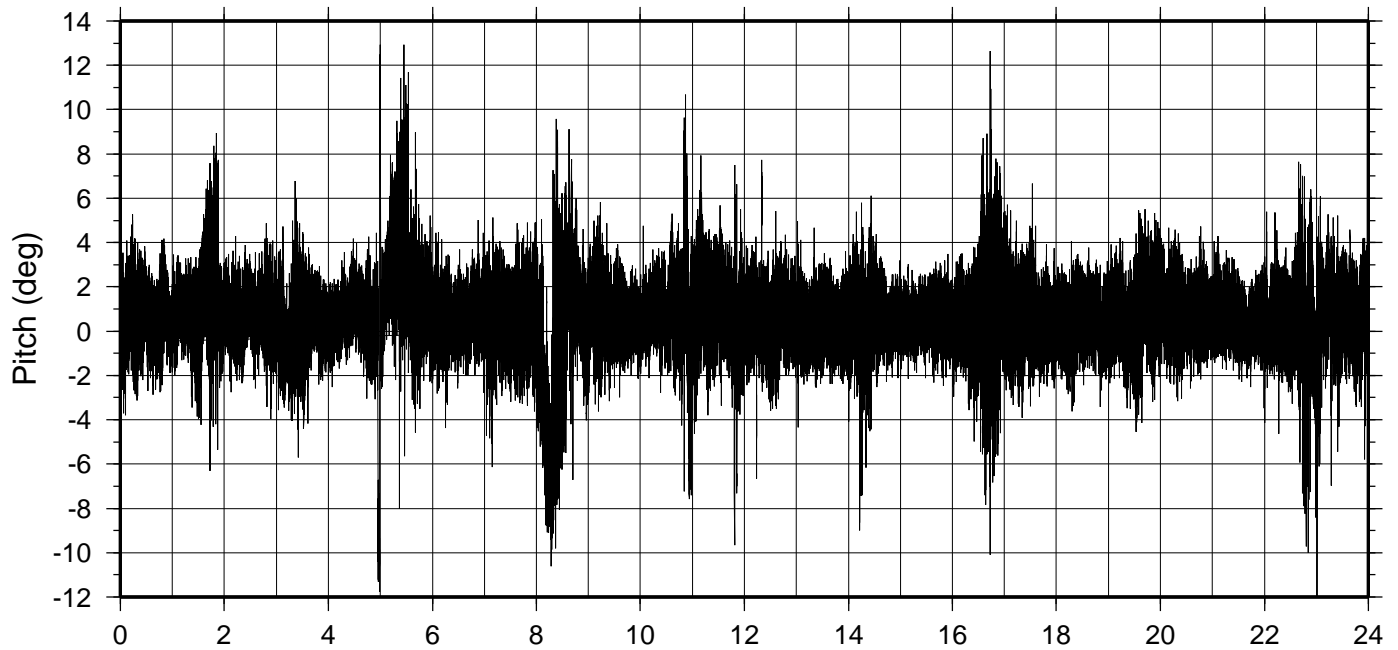
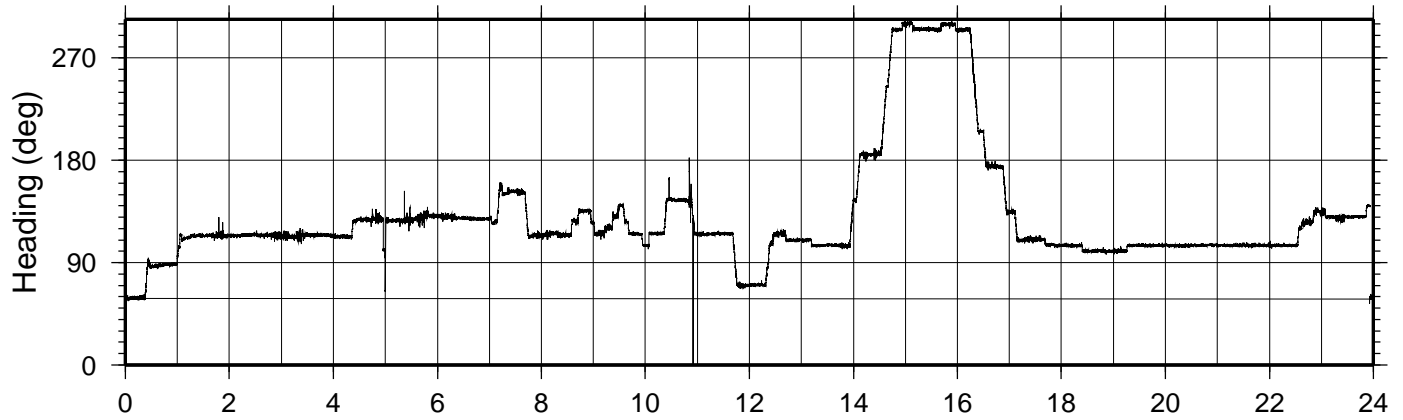
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003sep30



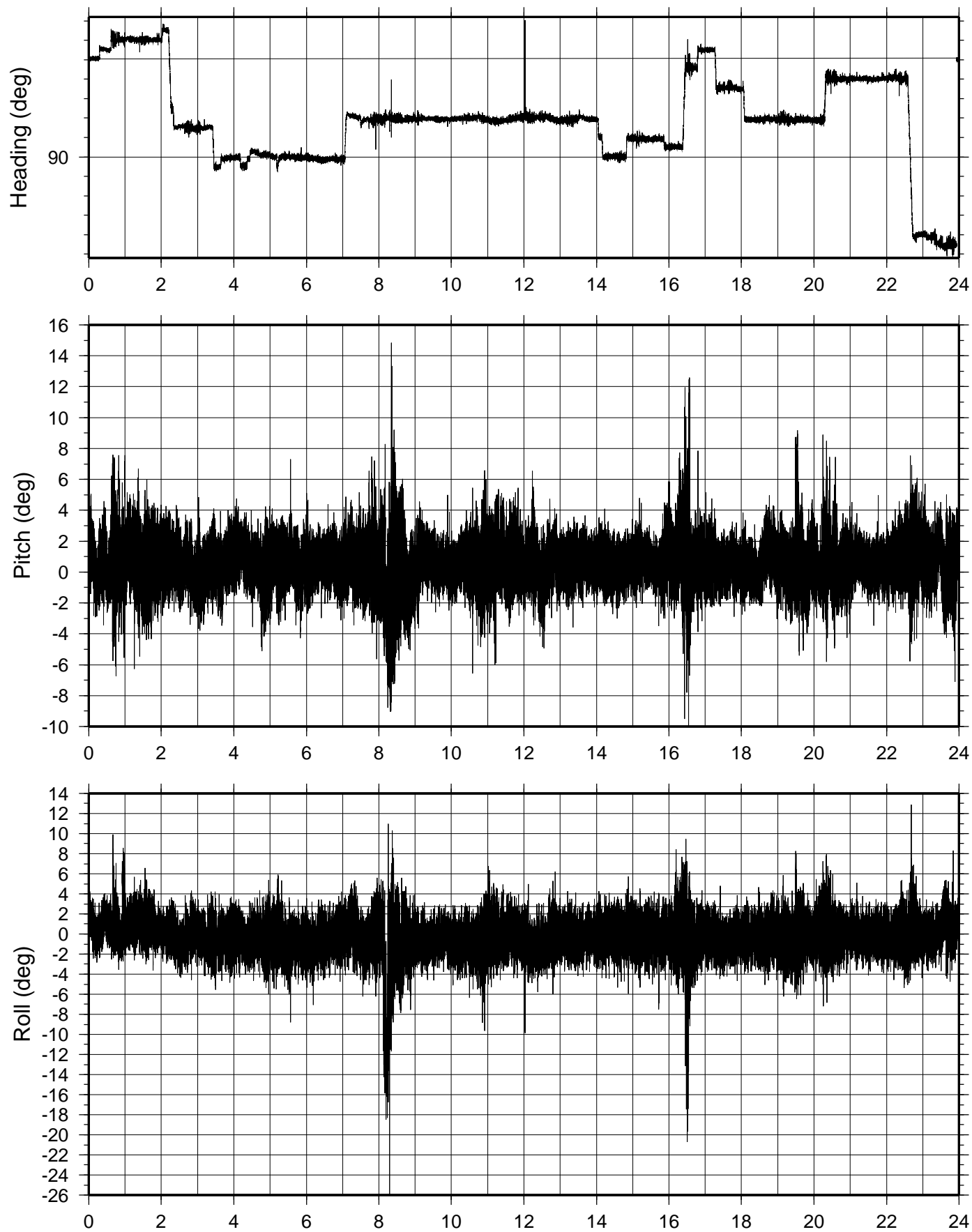
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct01



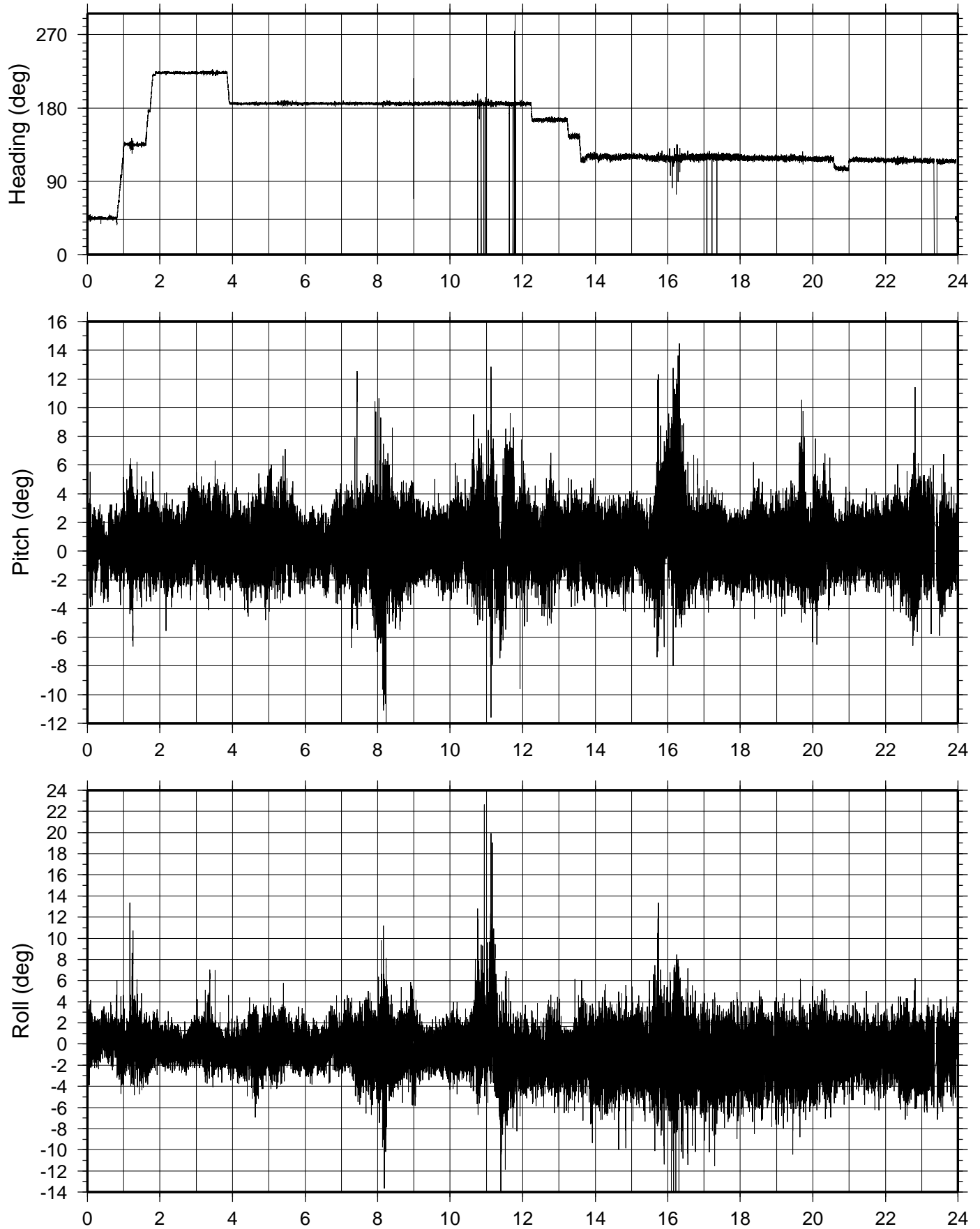
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct02



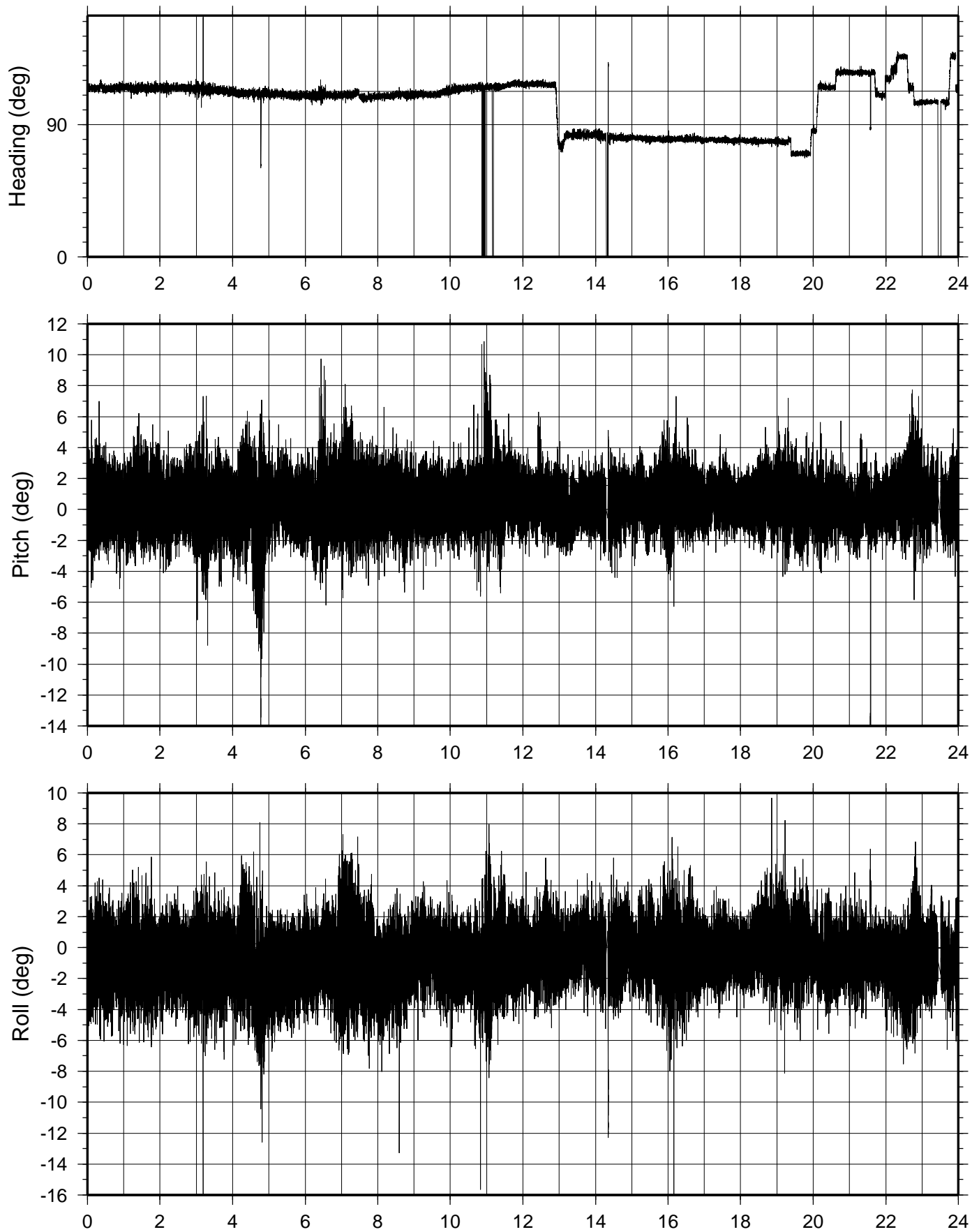
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct03



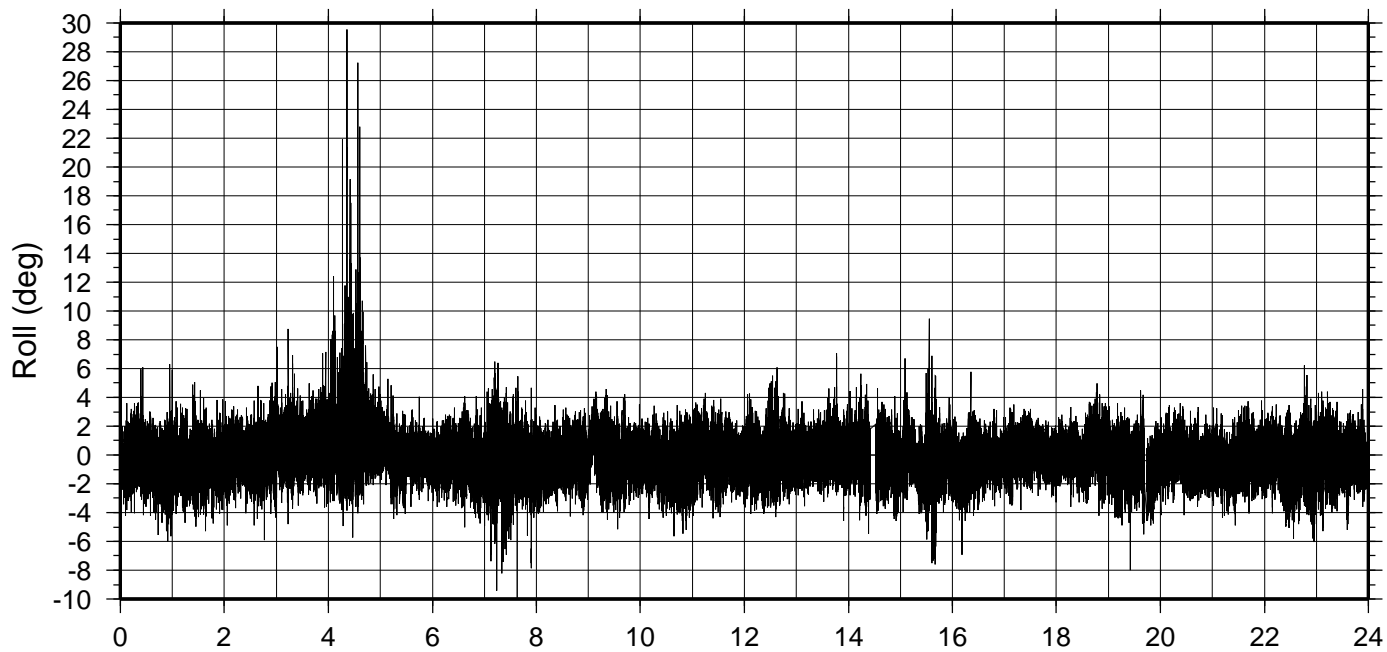
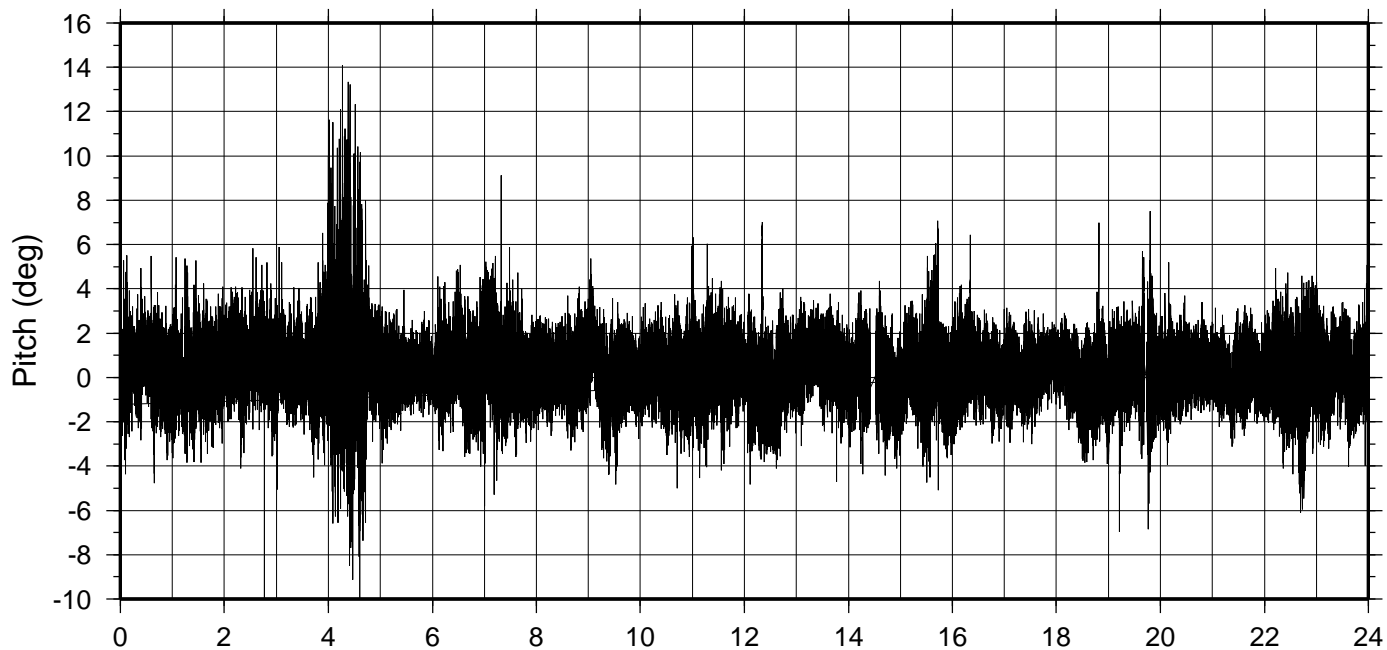
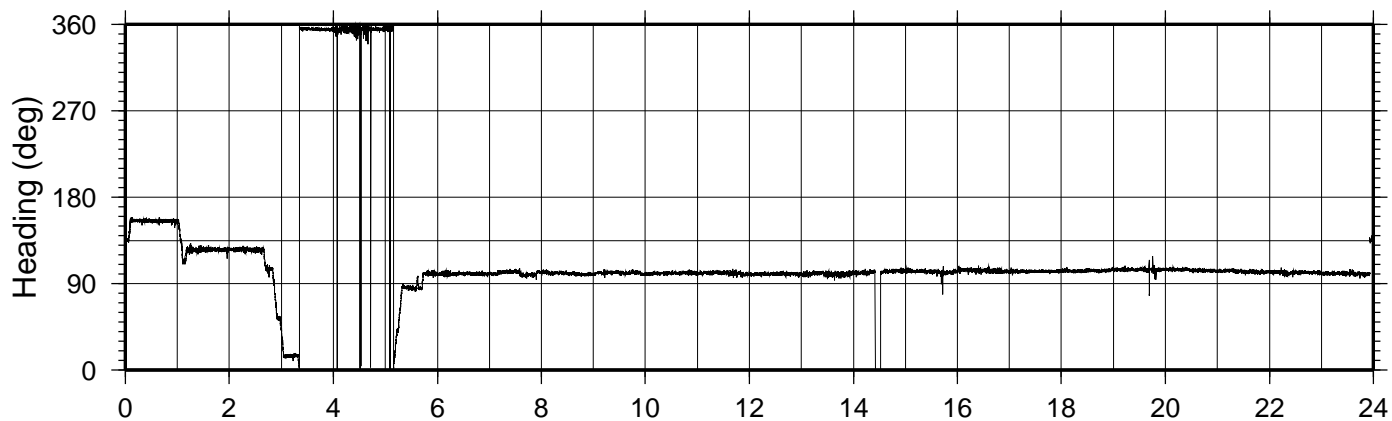
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct04



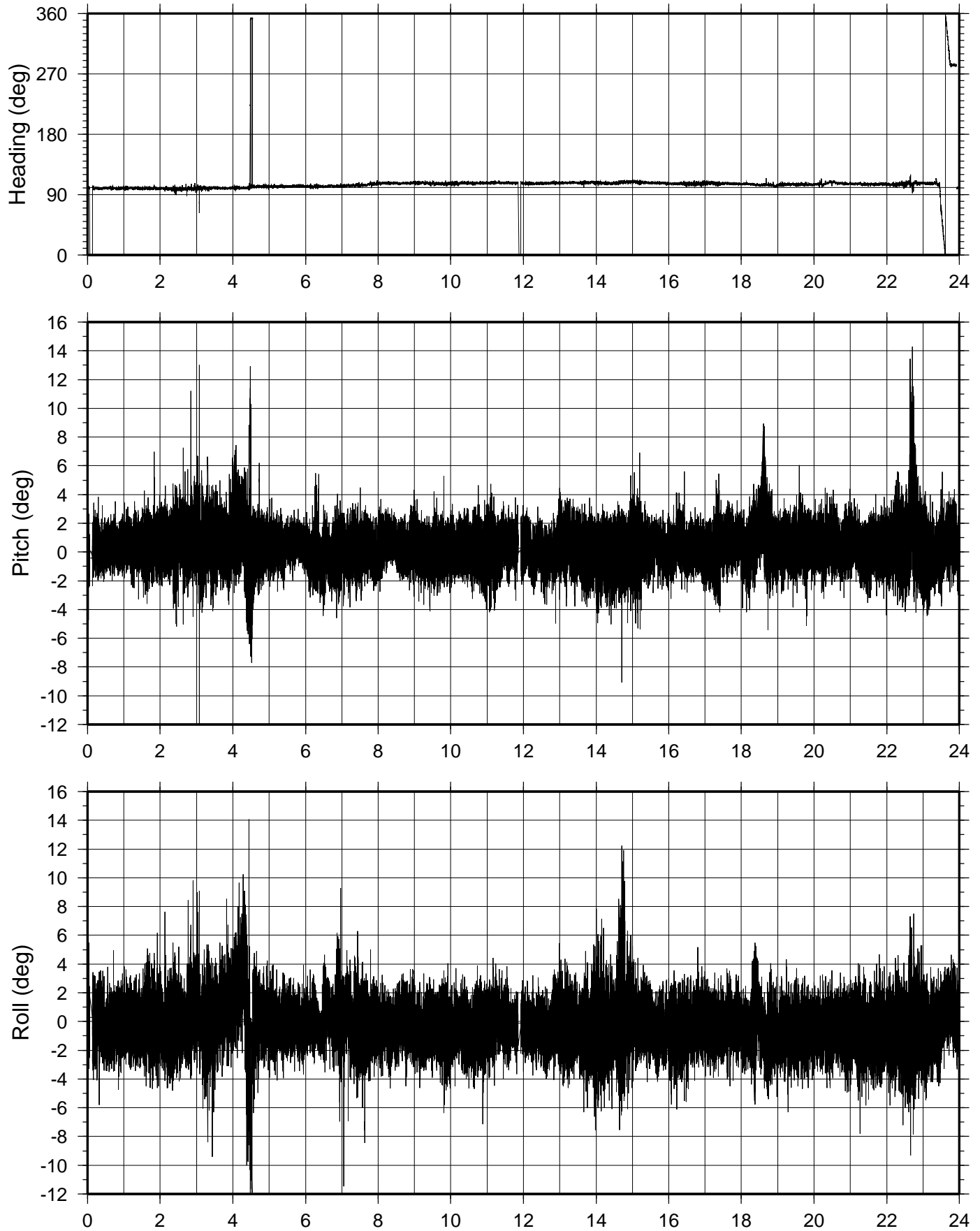
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct05



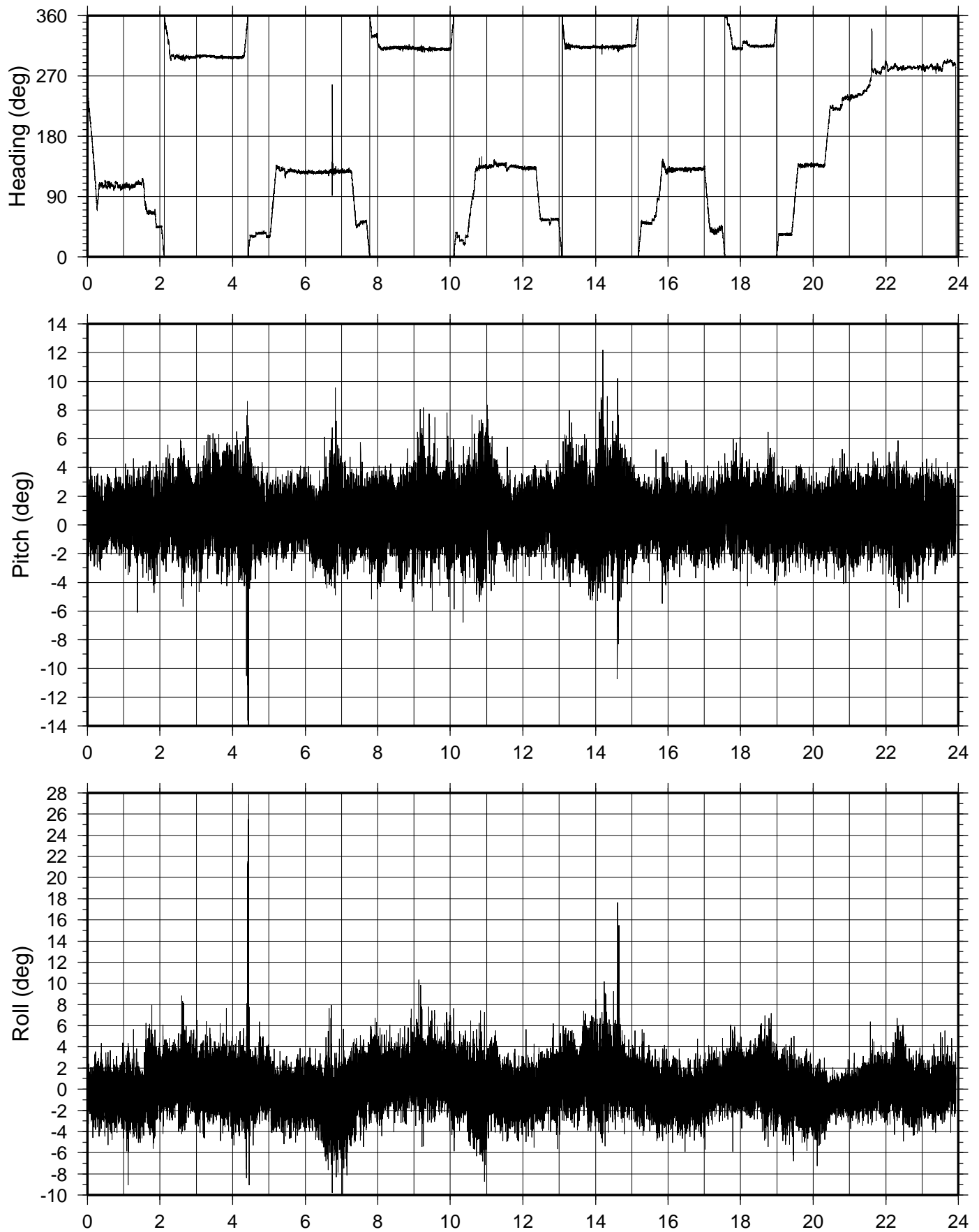
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct06



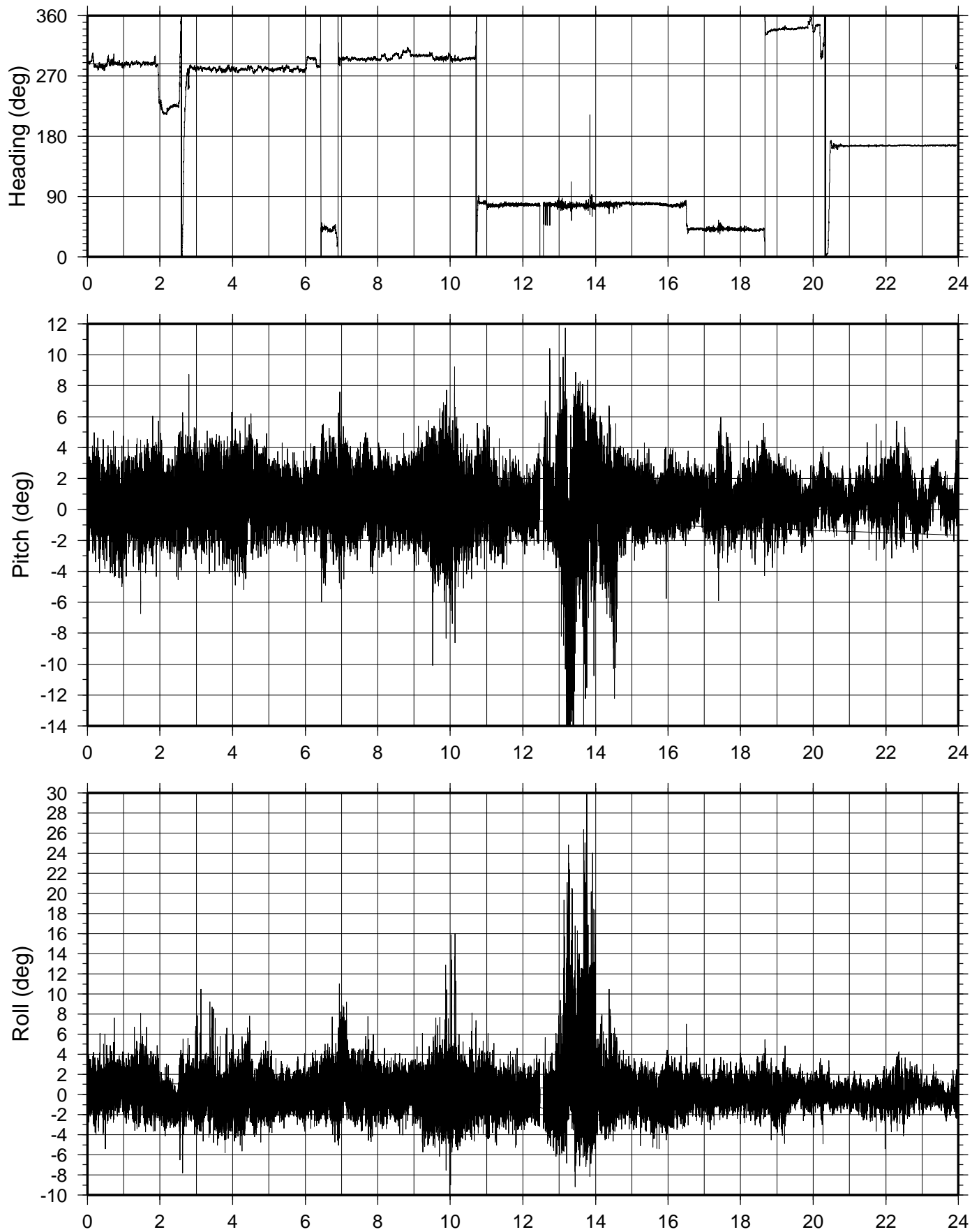
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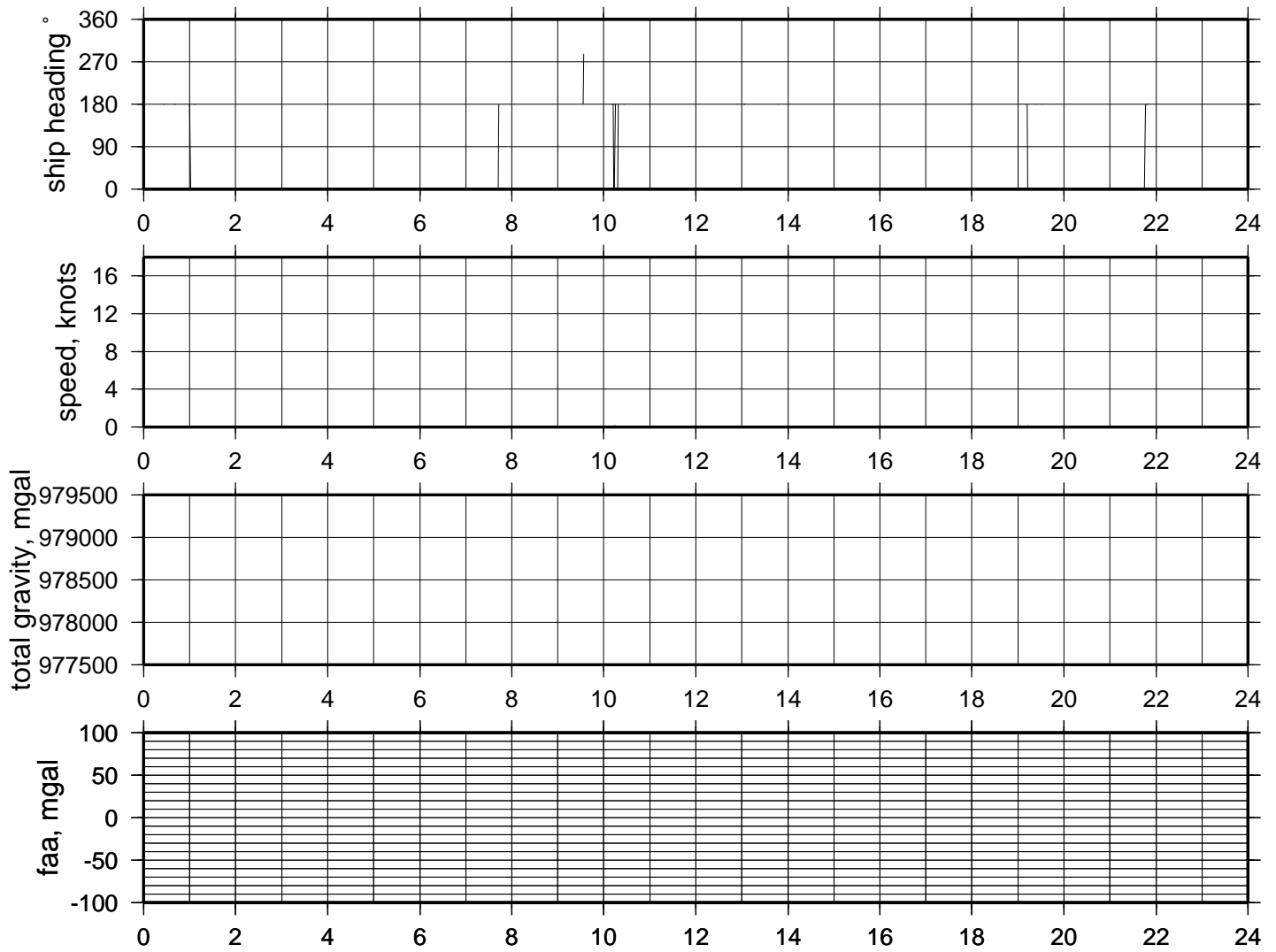
Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct08



Ashtech GPS Heading/Pitch/Roll DANA01RR 2003oct09

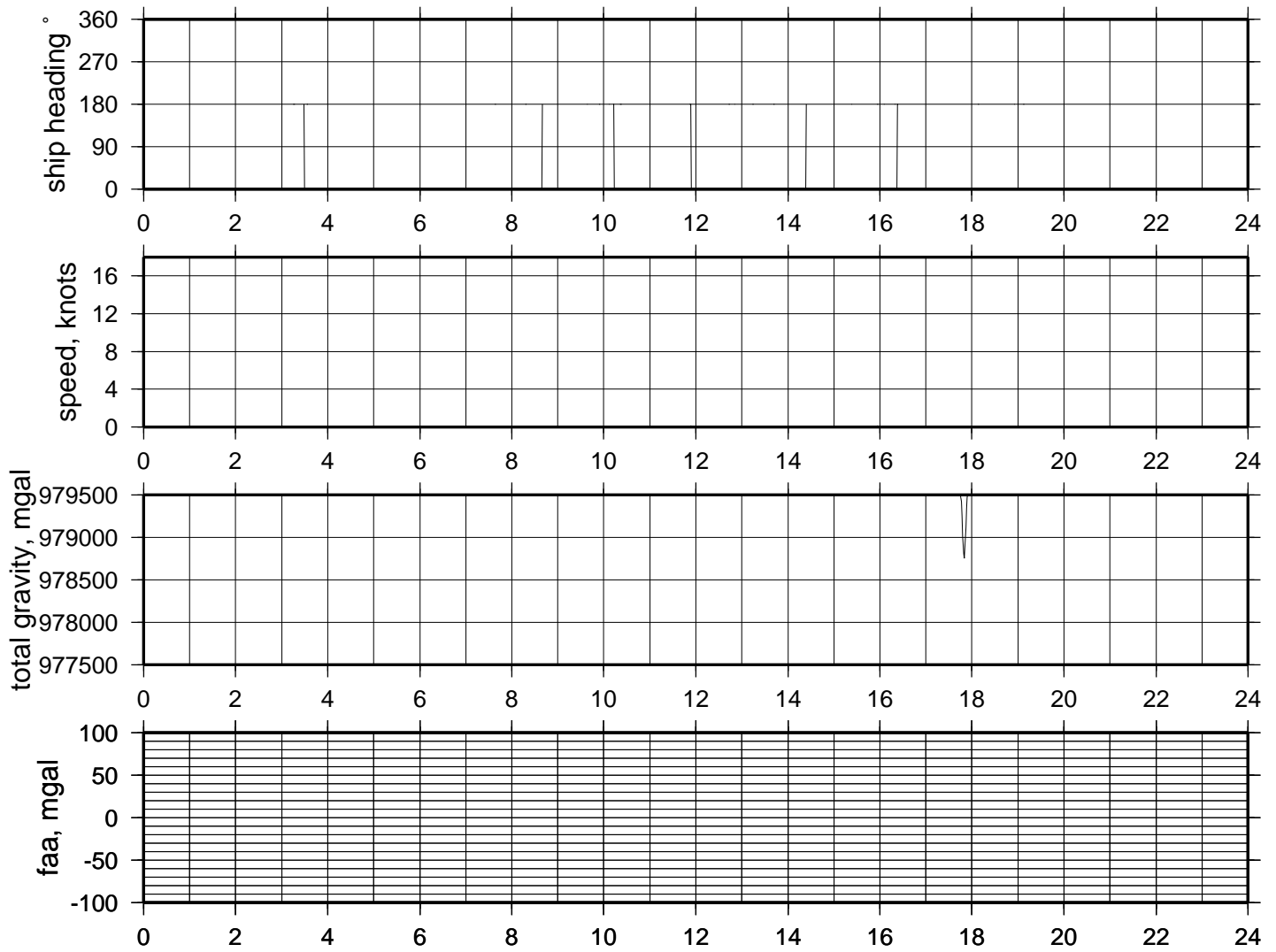


U/W data CNTL15RR 2003sep23



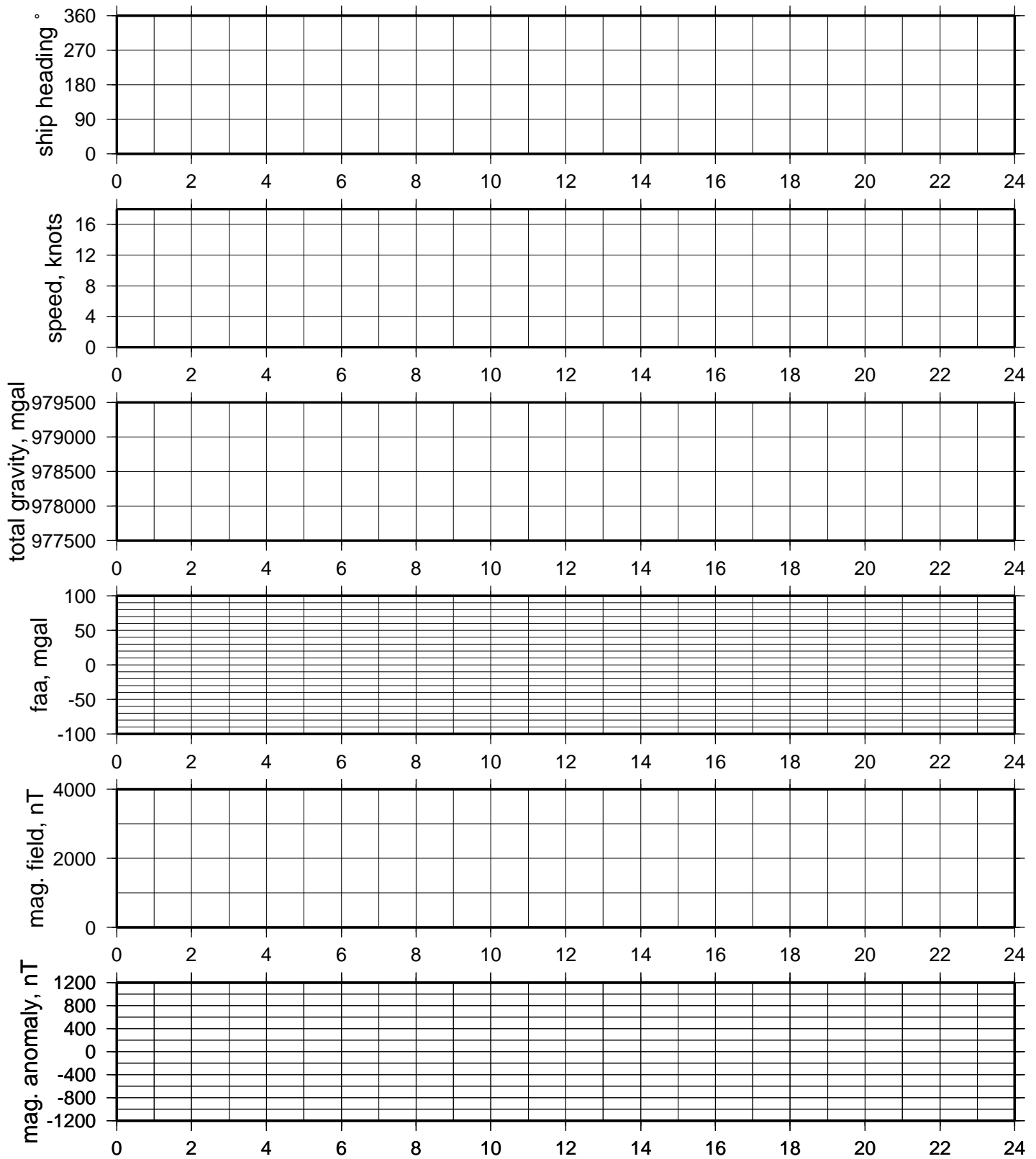
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U/W data CNTL15RR 2003sep24



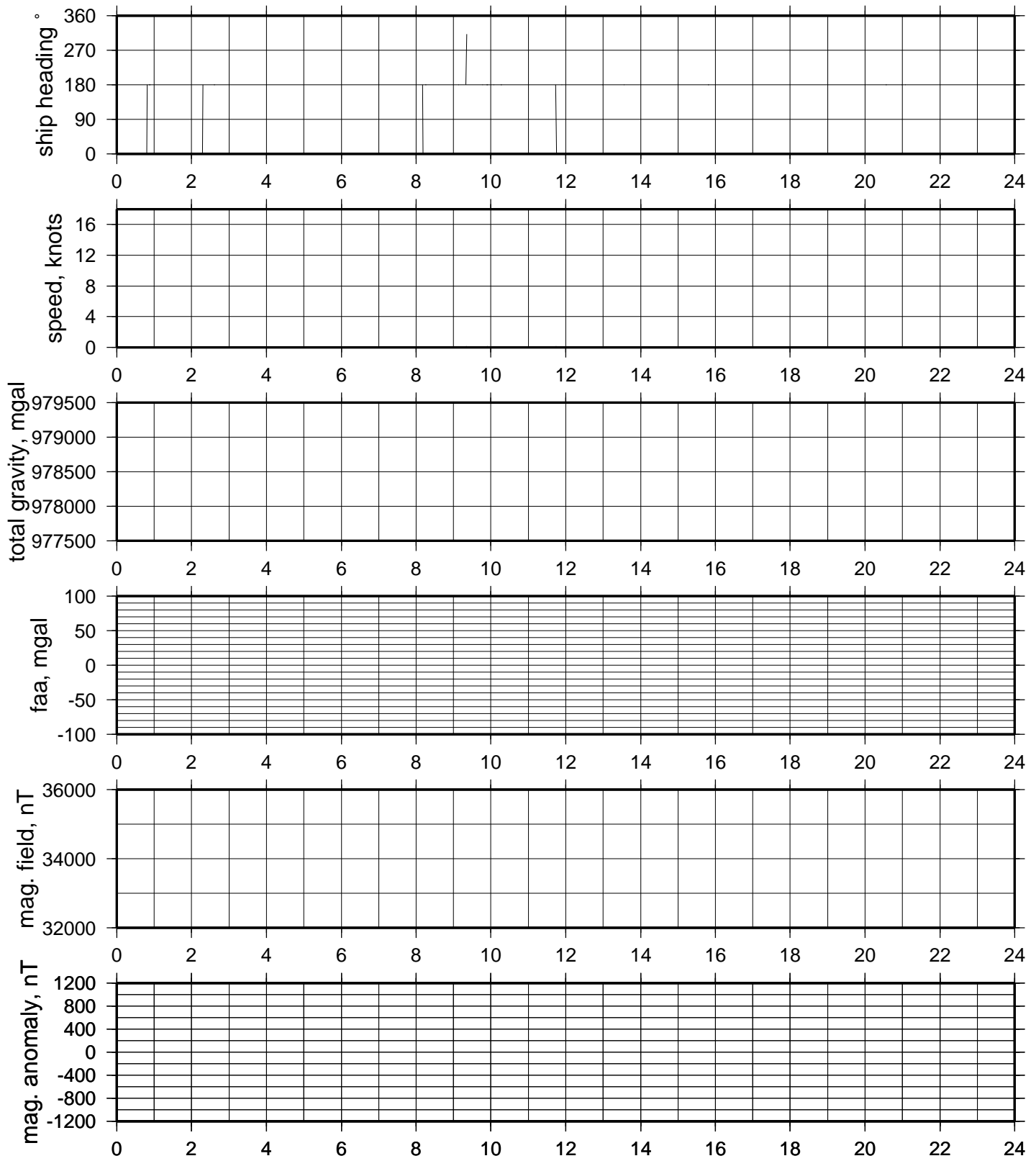
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U/W data CNTL15RR 2003sep25



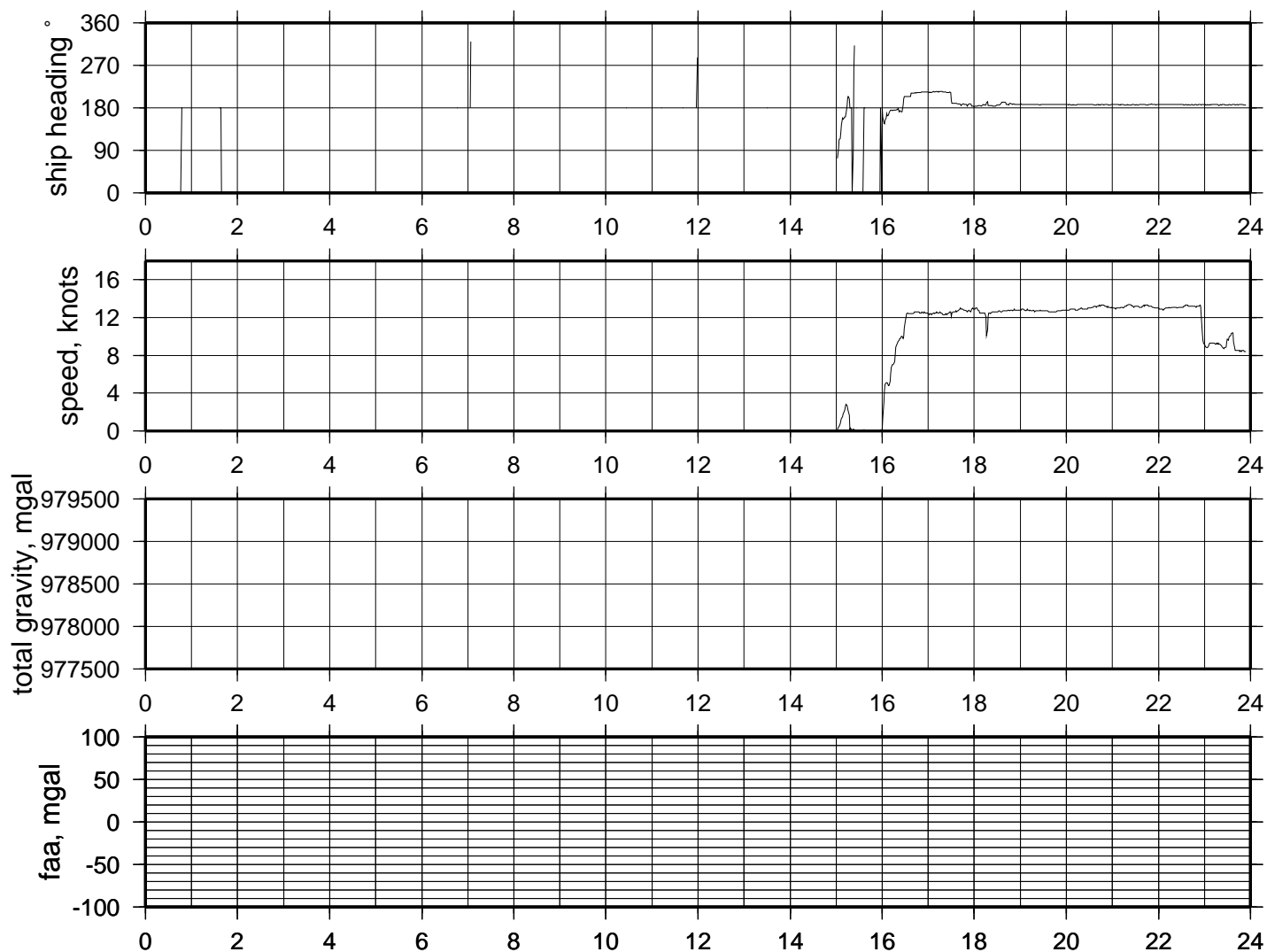
GMT 2003 Sep 26 01:06:24

U/W data CNTL15RR 2003sep26



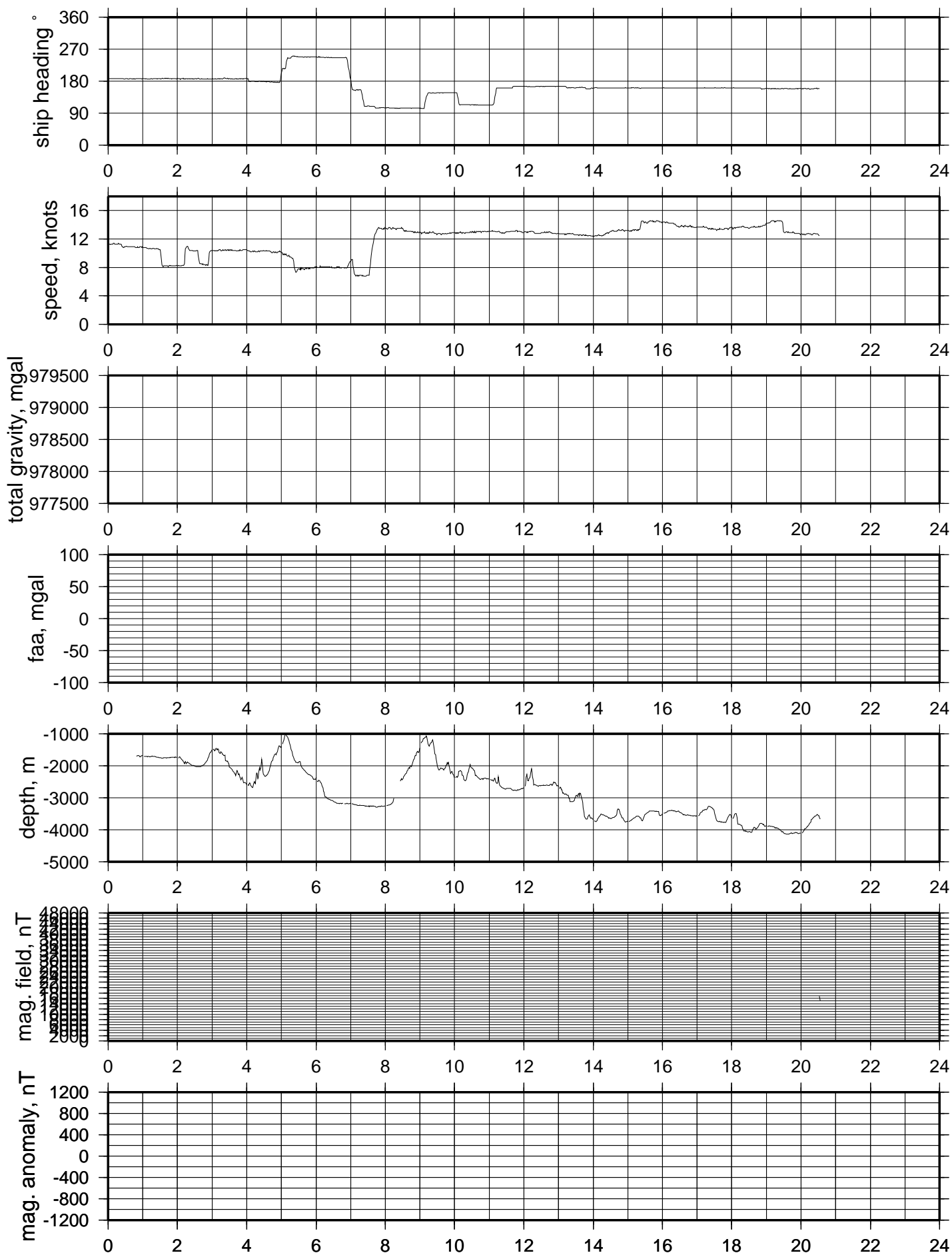
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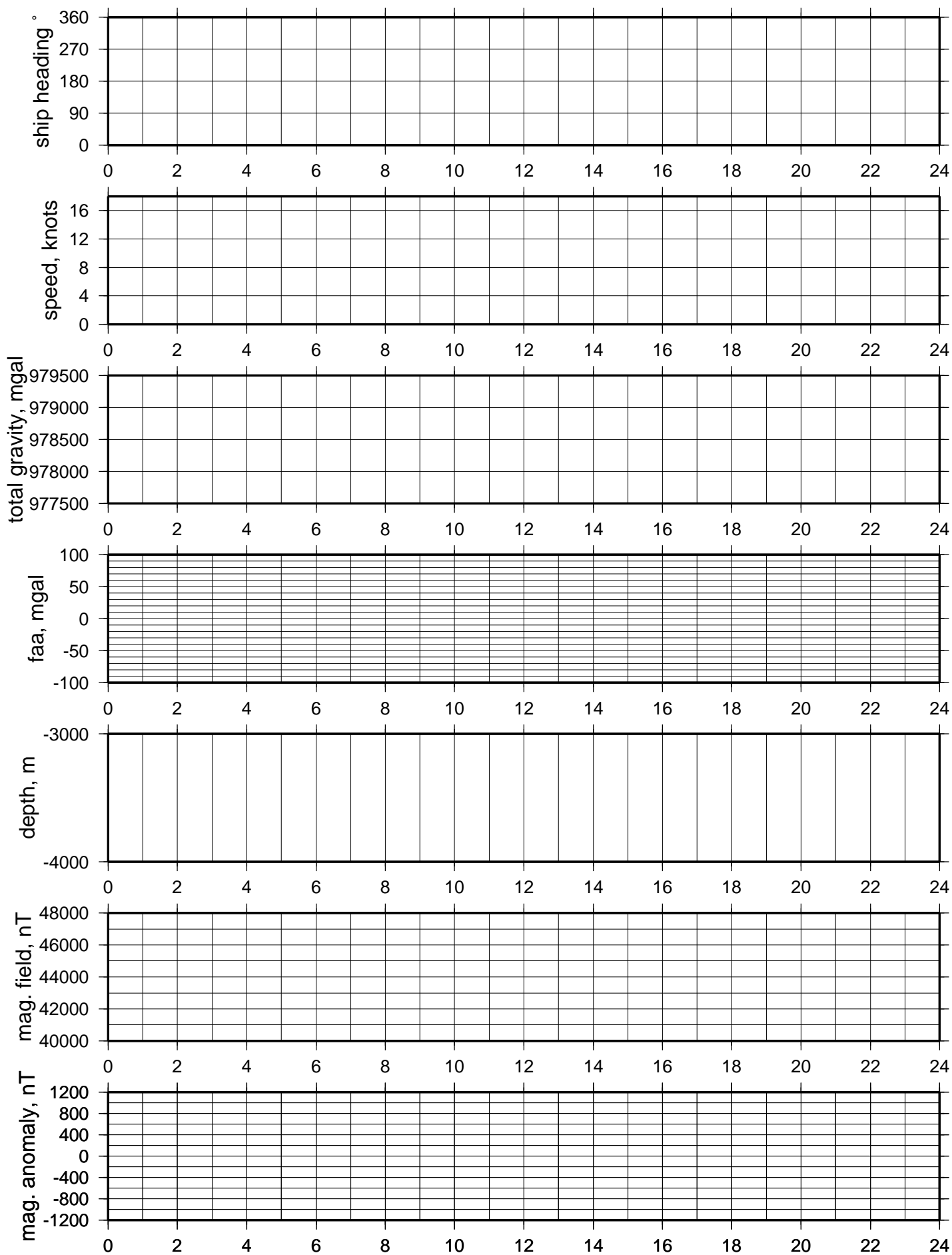


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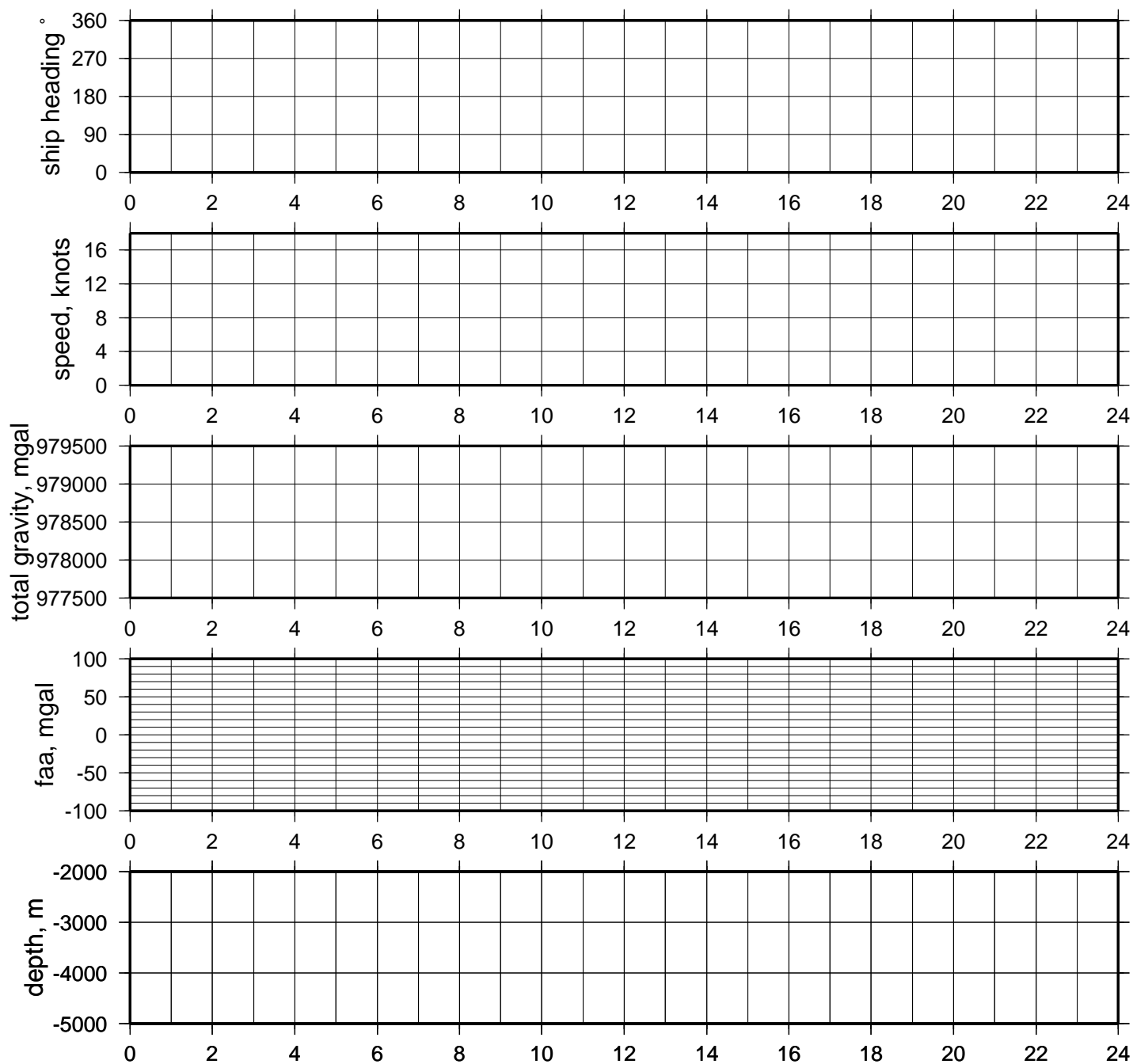
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U/W data DANA01RR 2003sep29

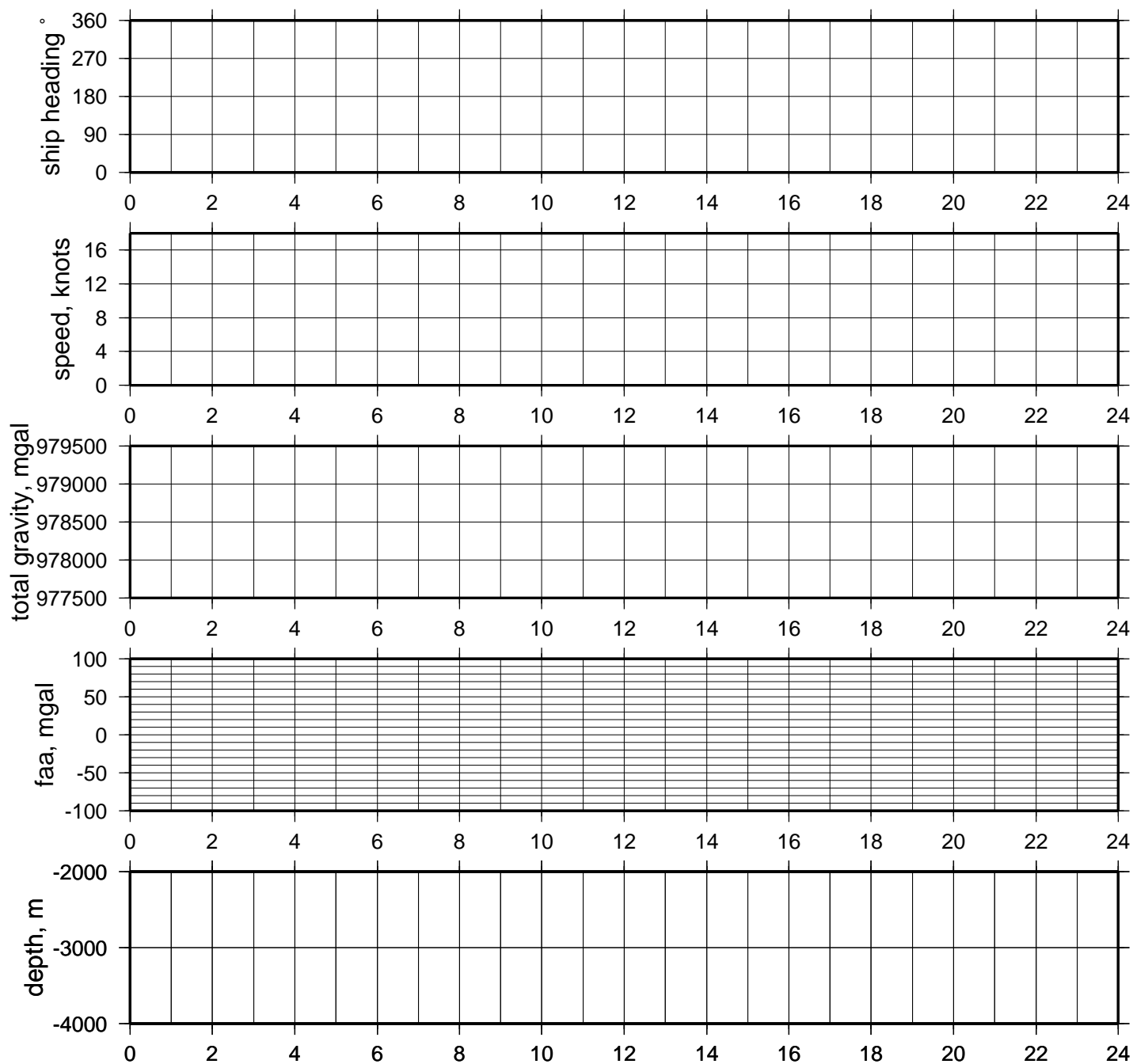


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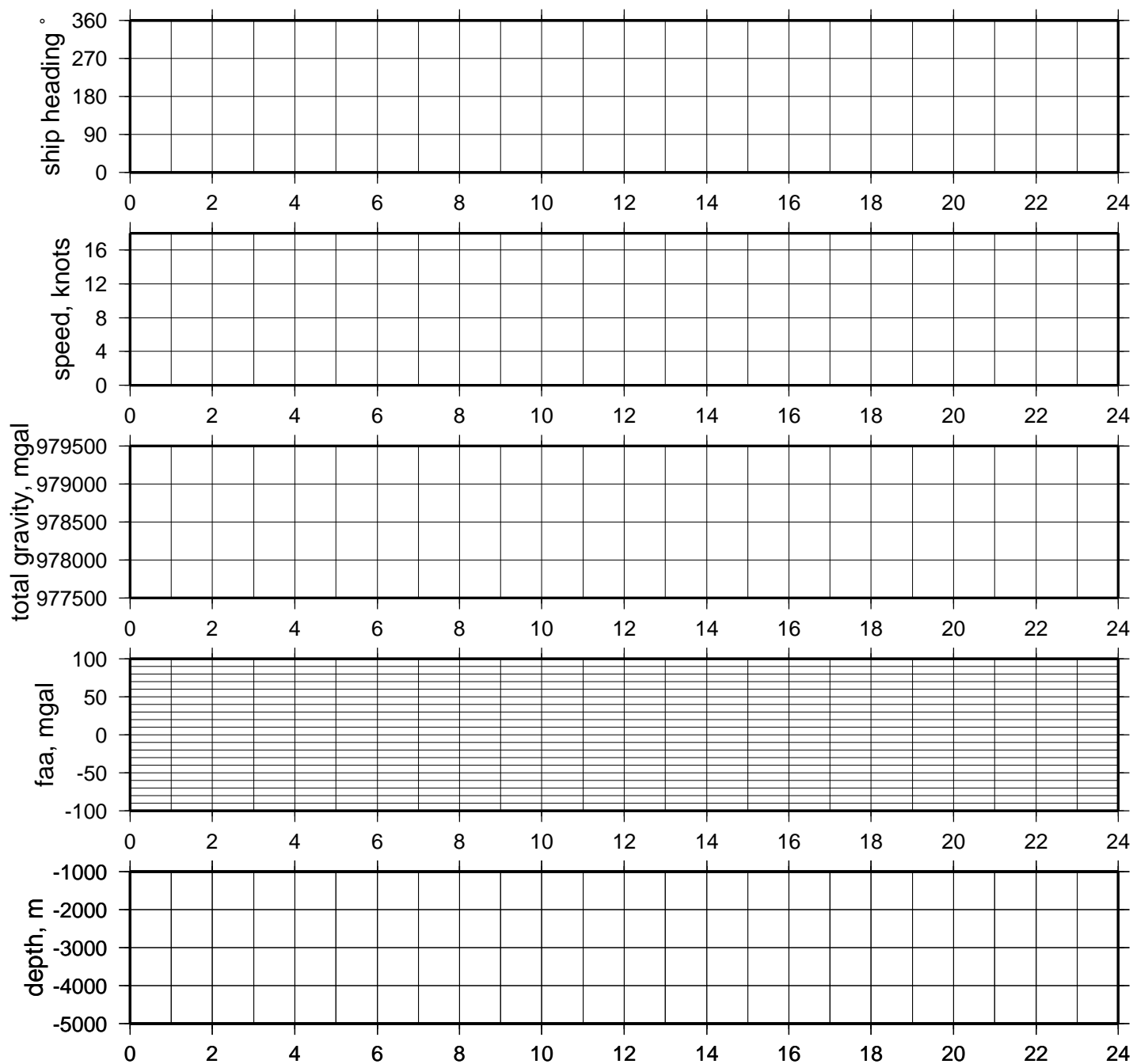
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U/W data DANA01RR 2003oct01



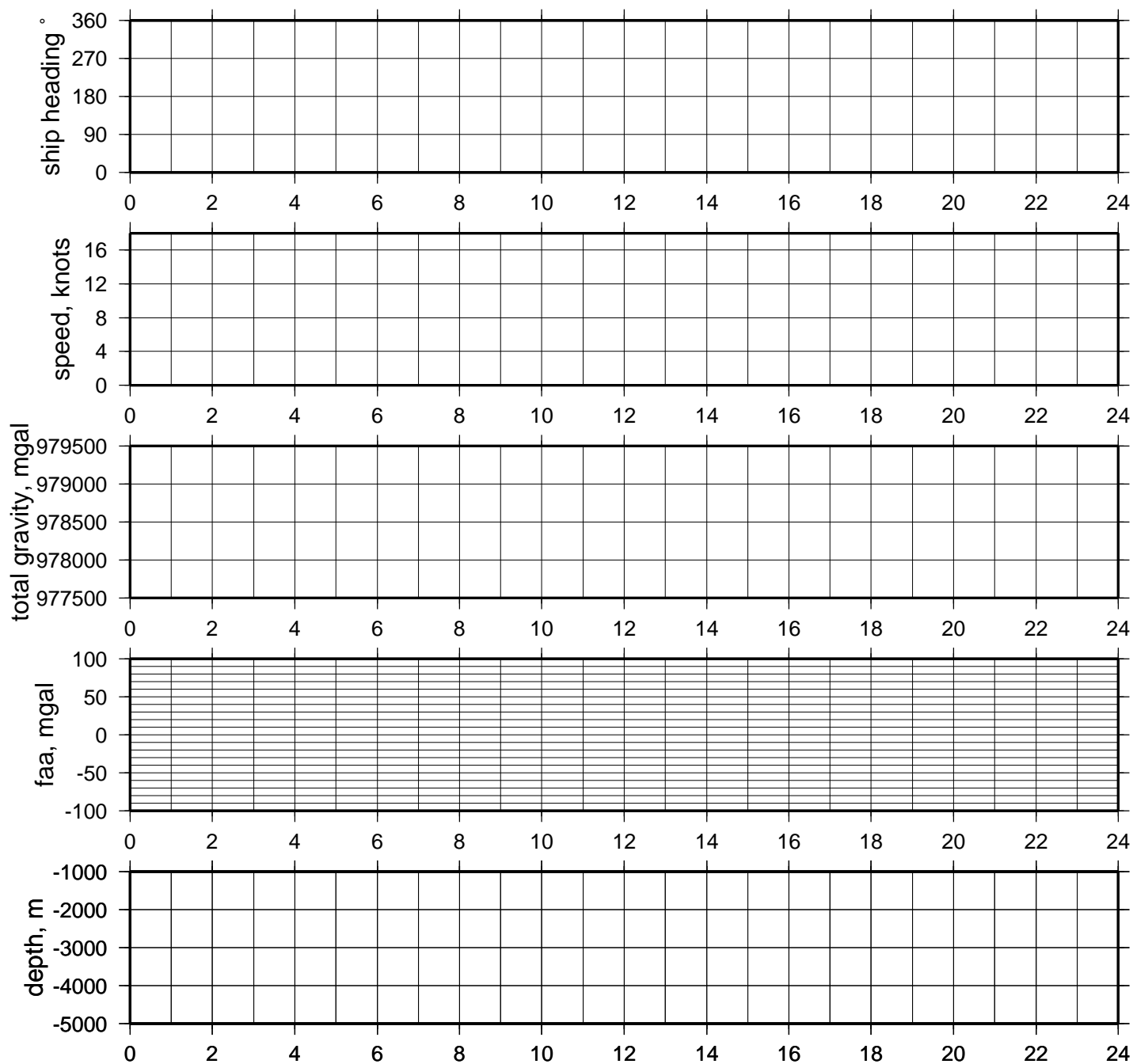
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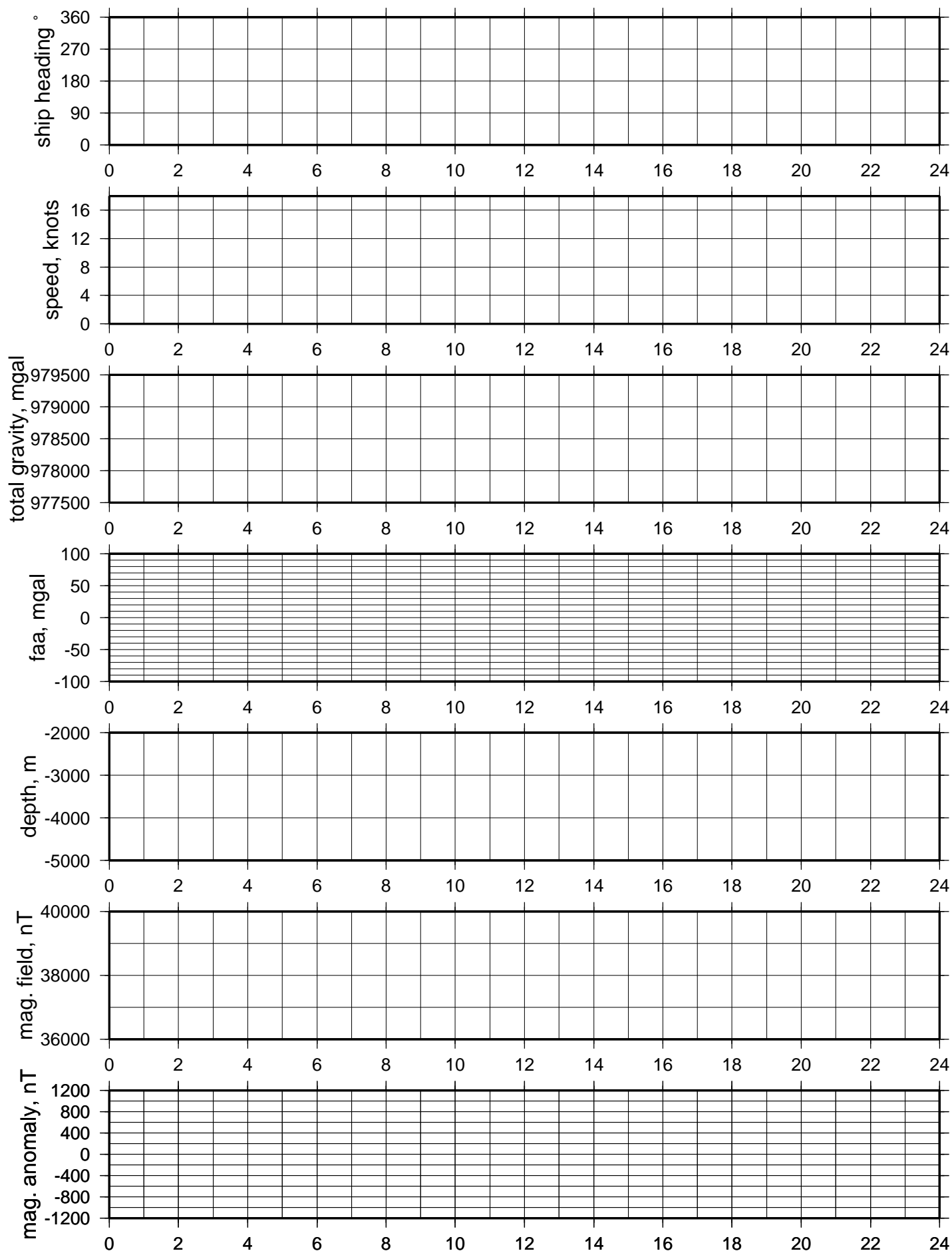
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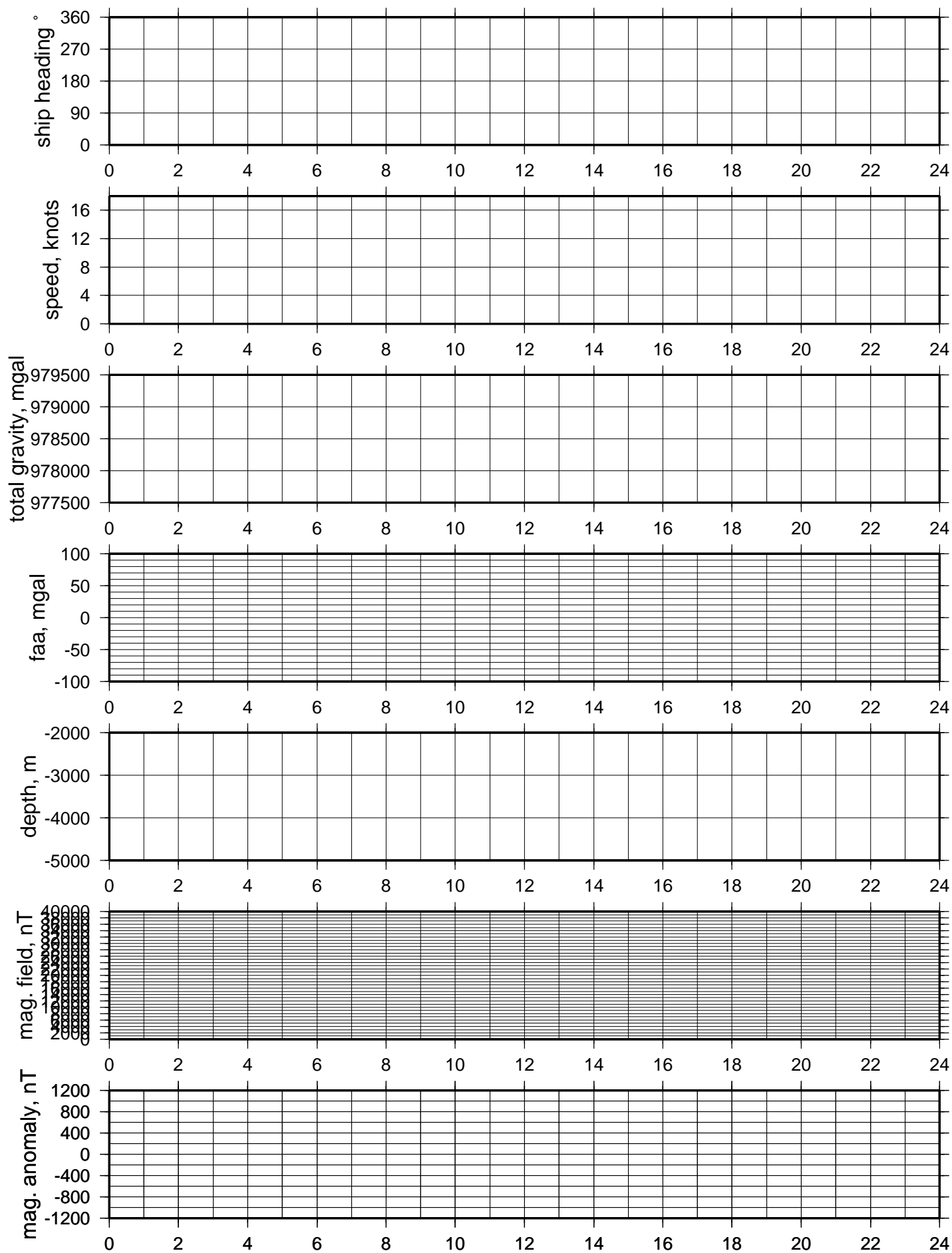


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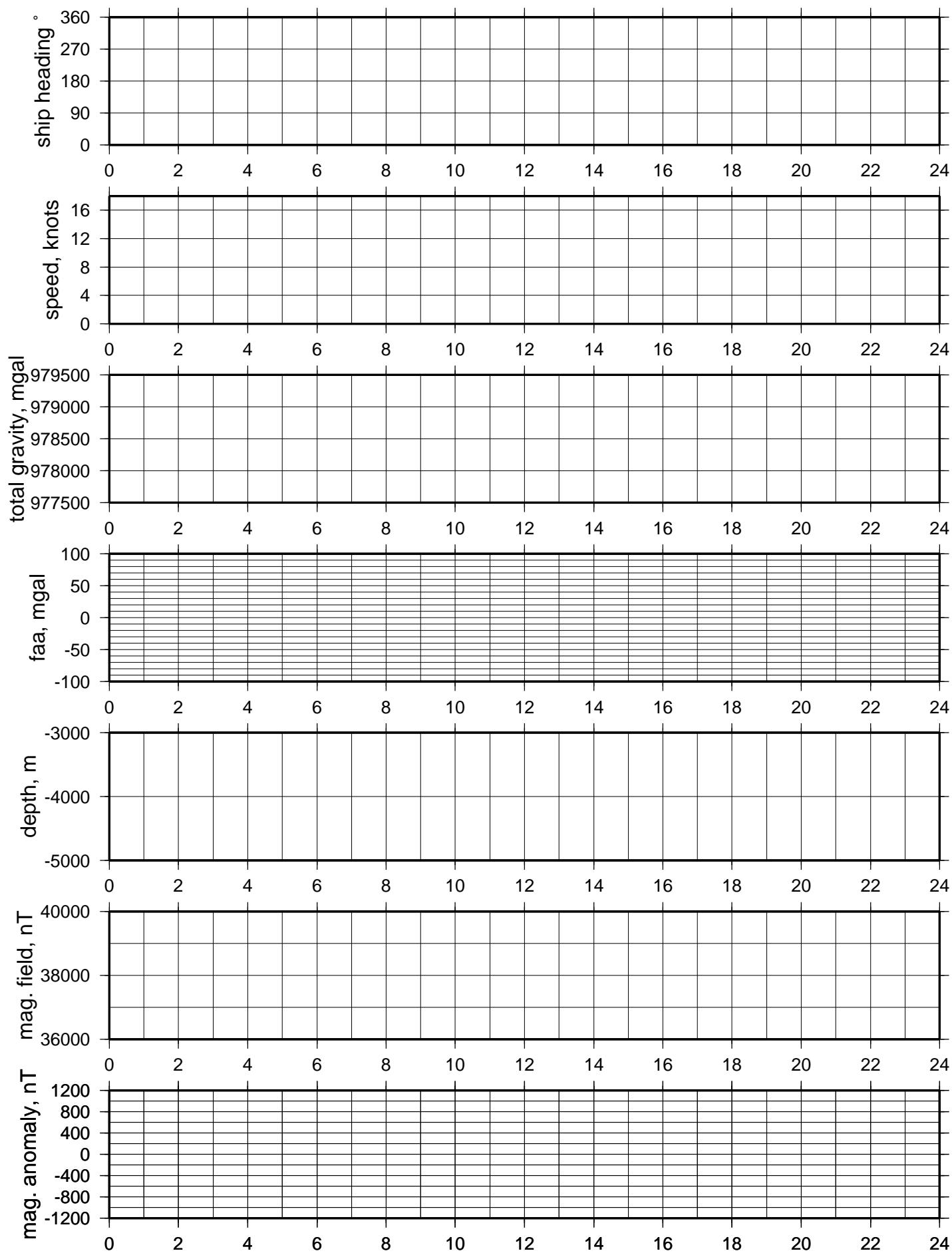
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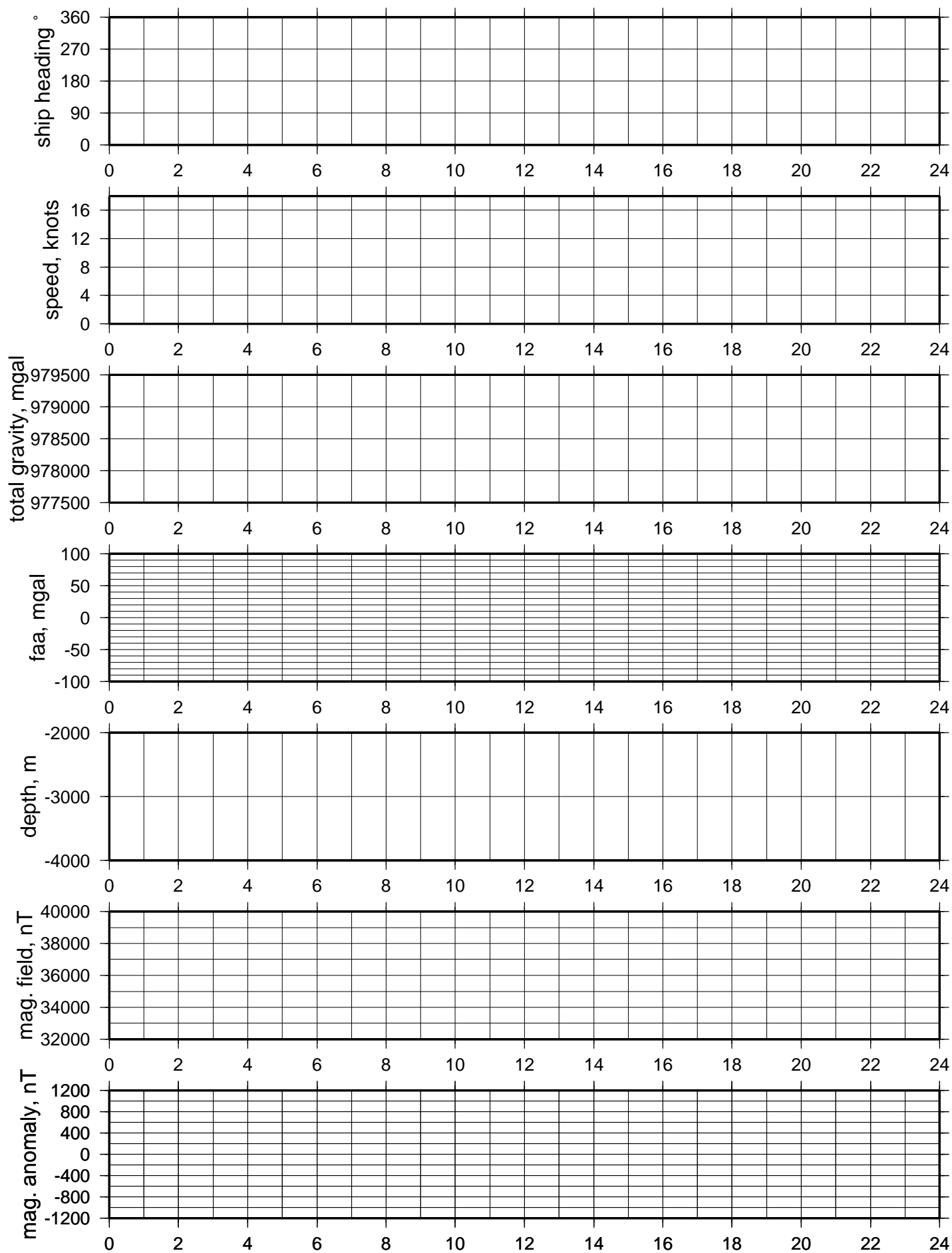
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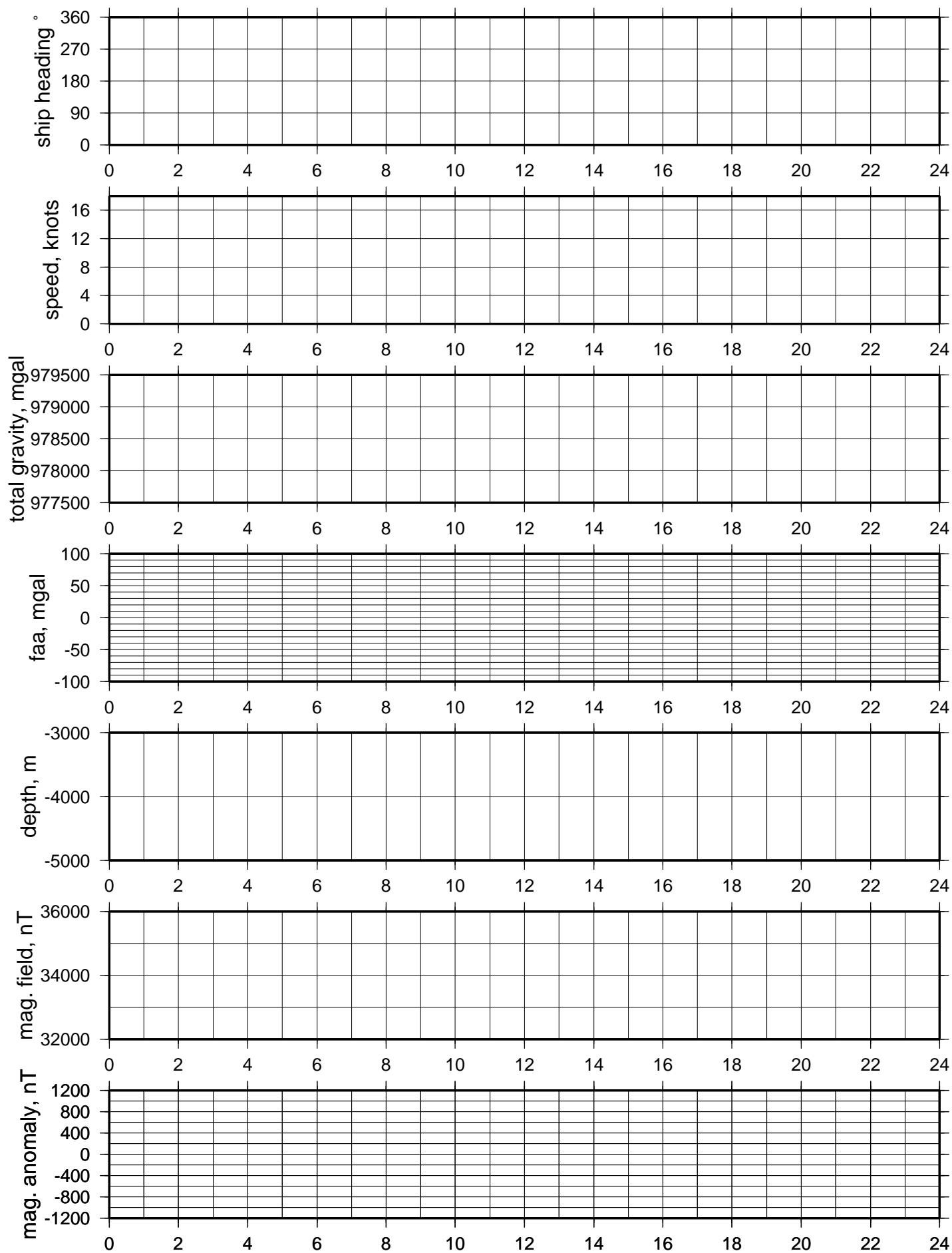
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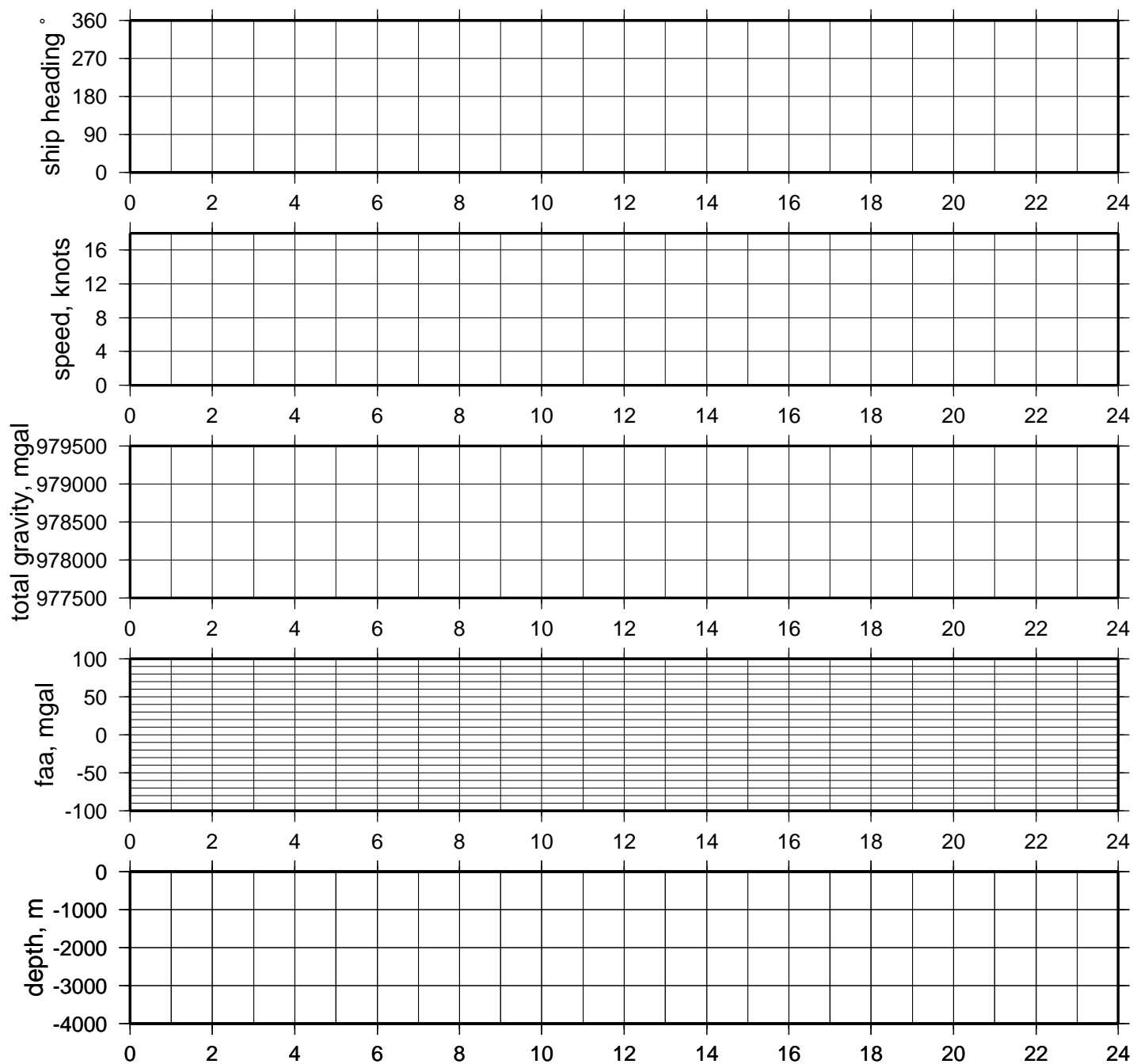
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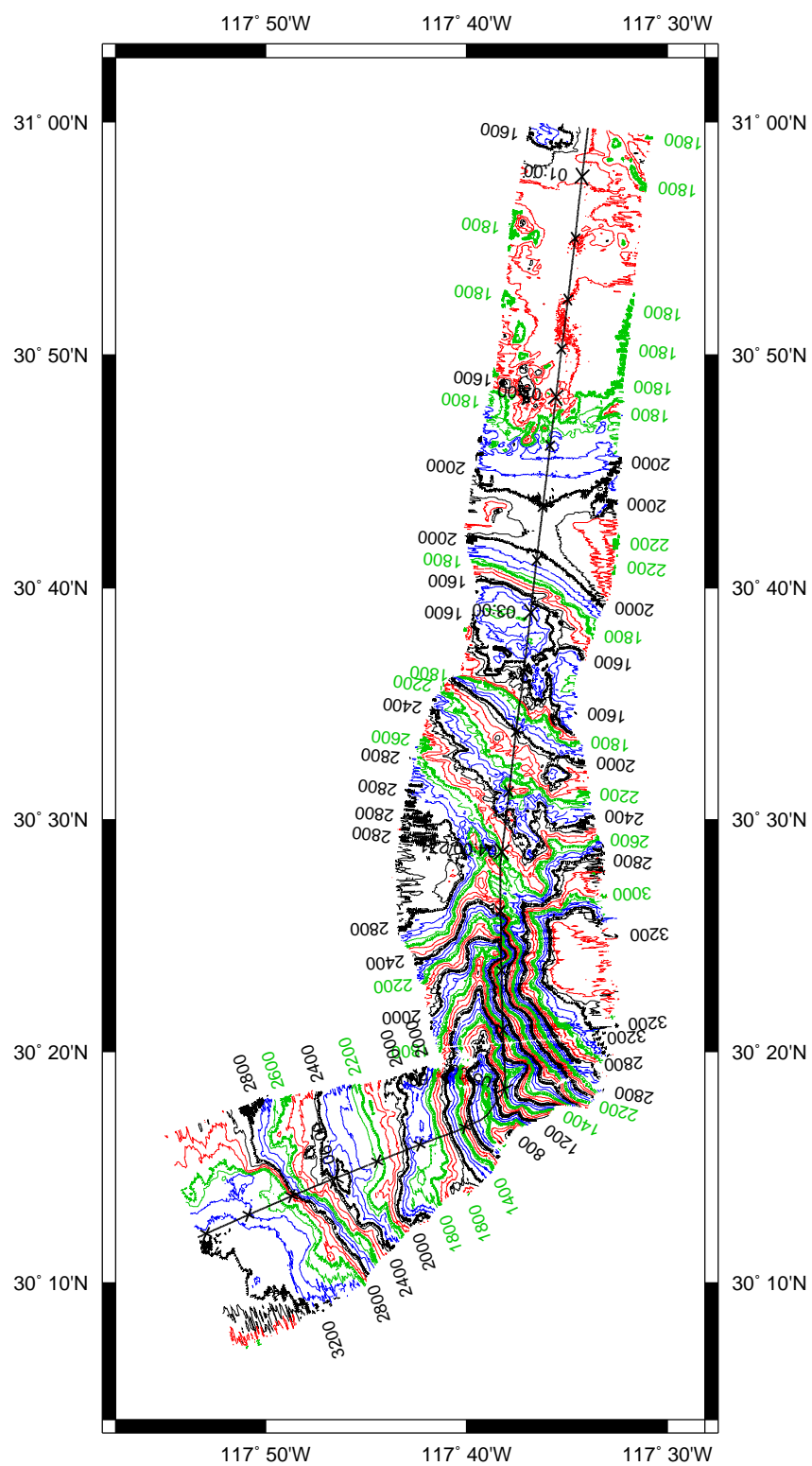


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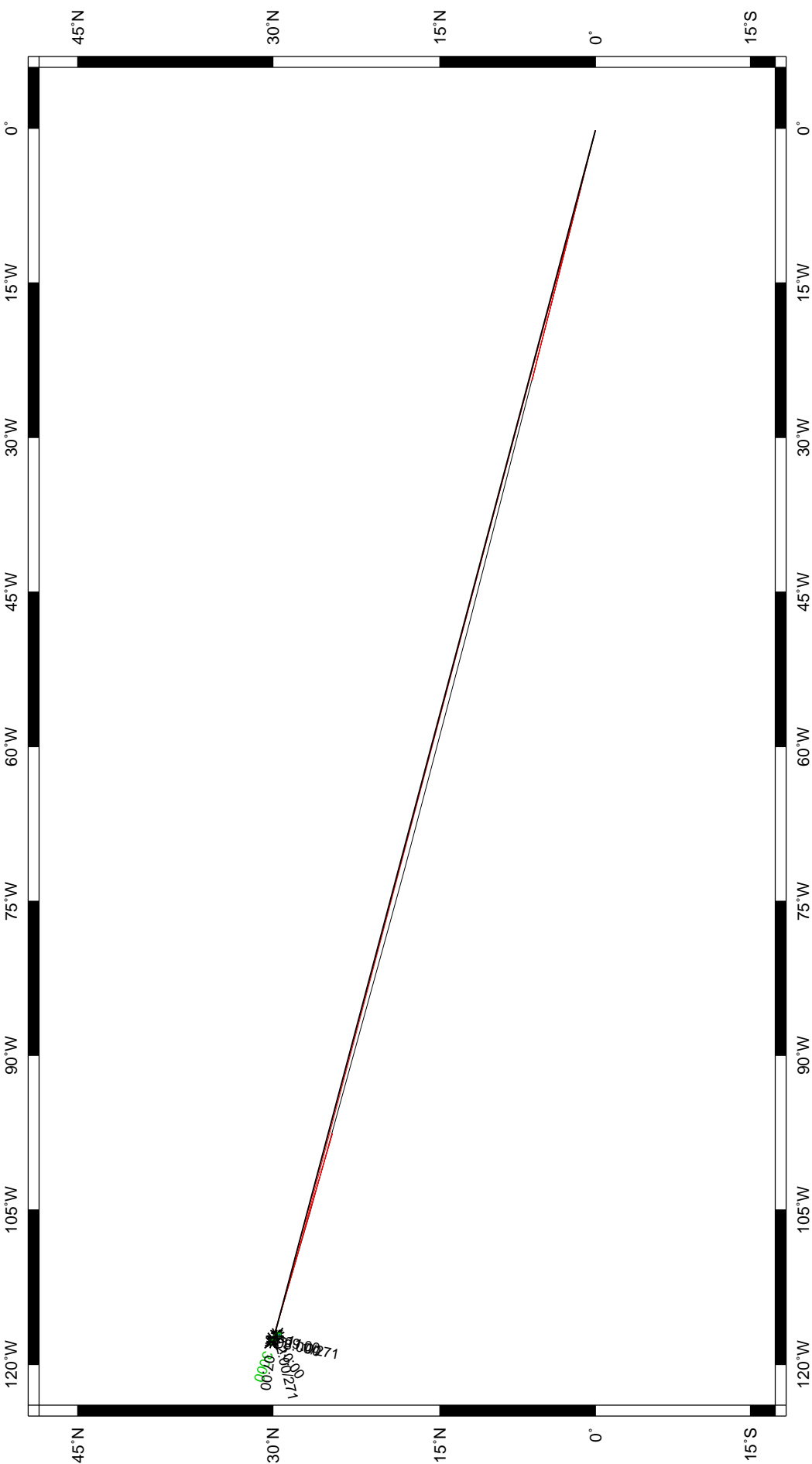


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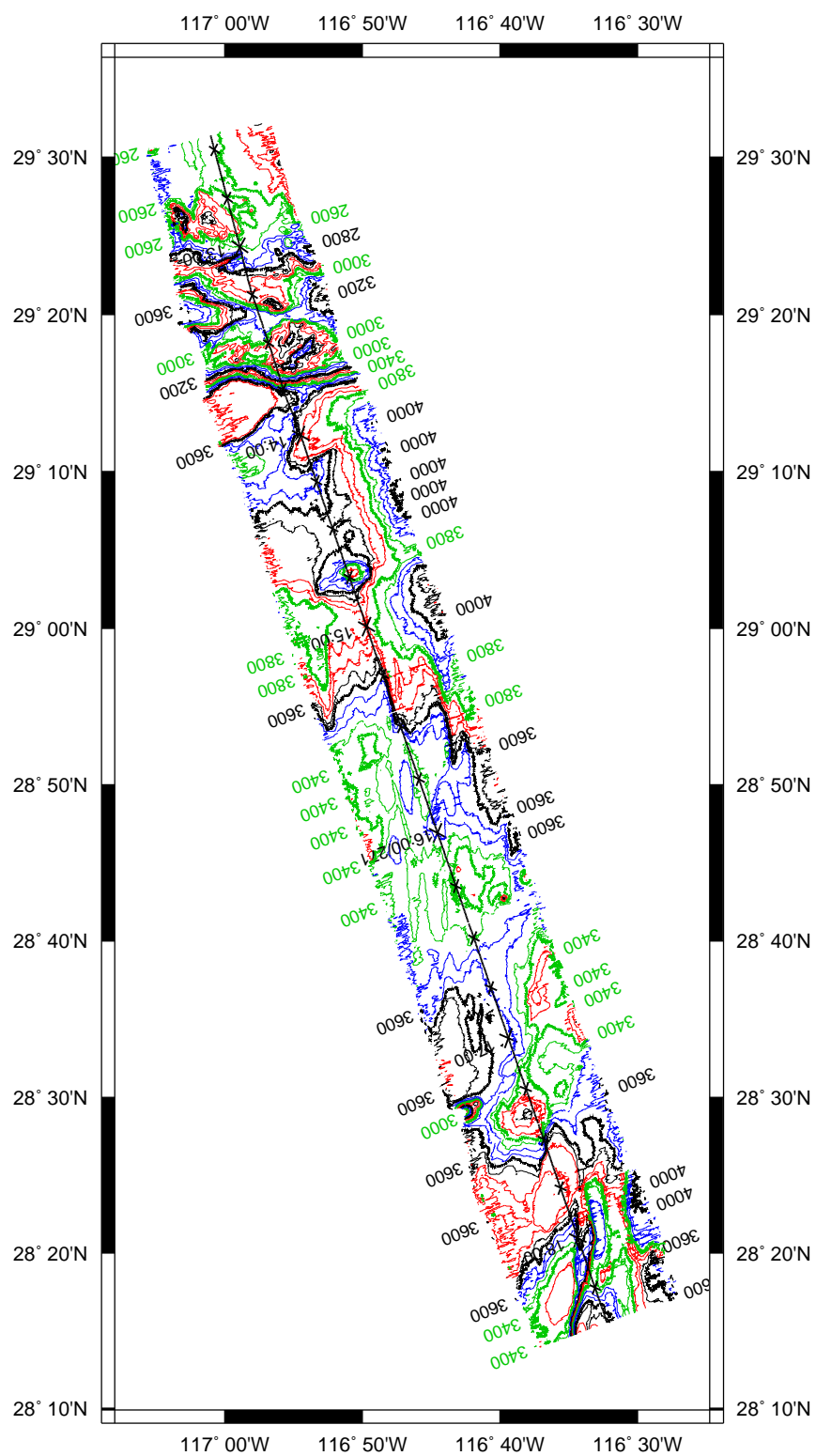
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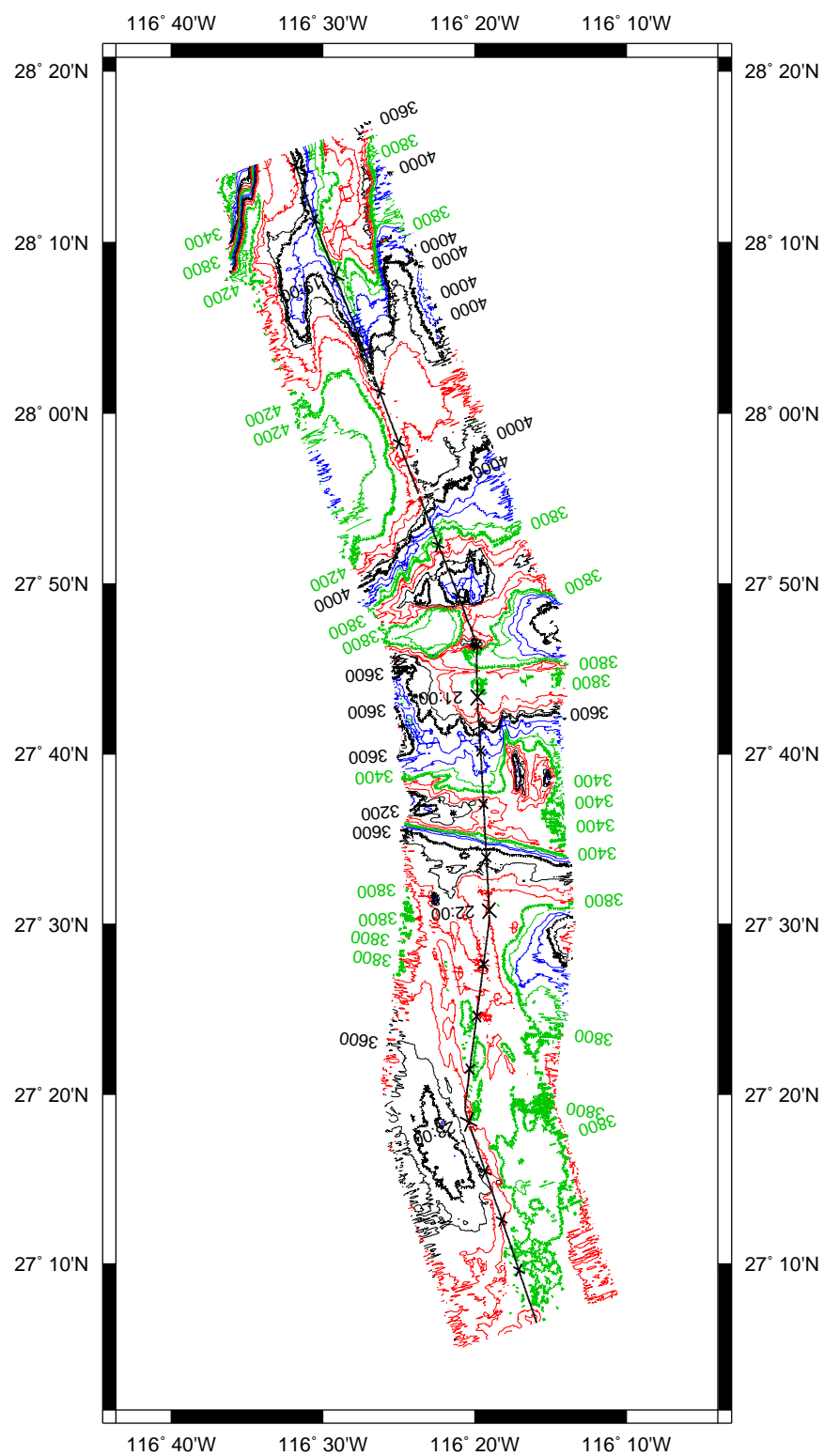
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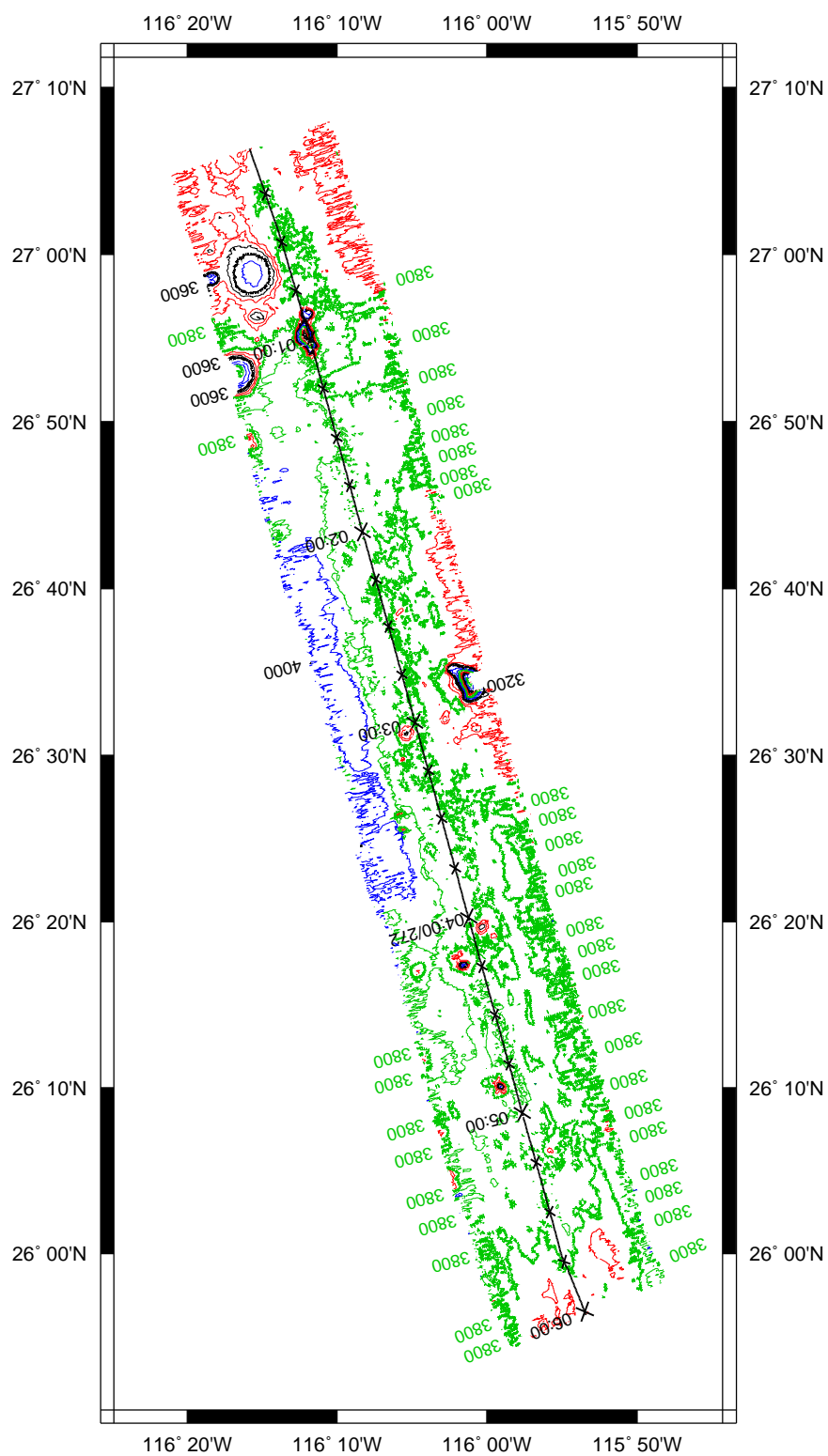
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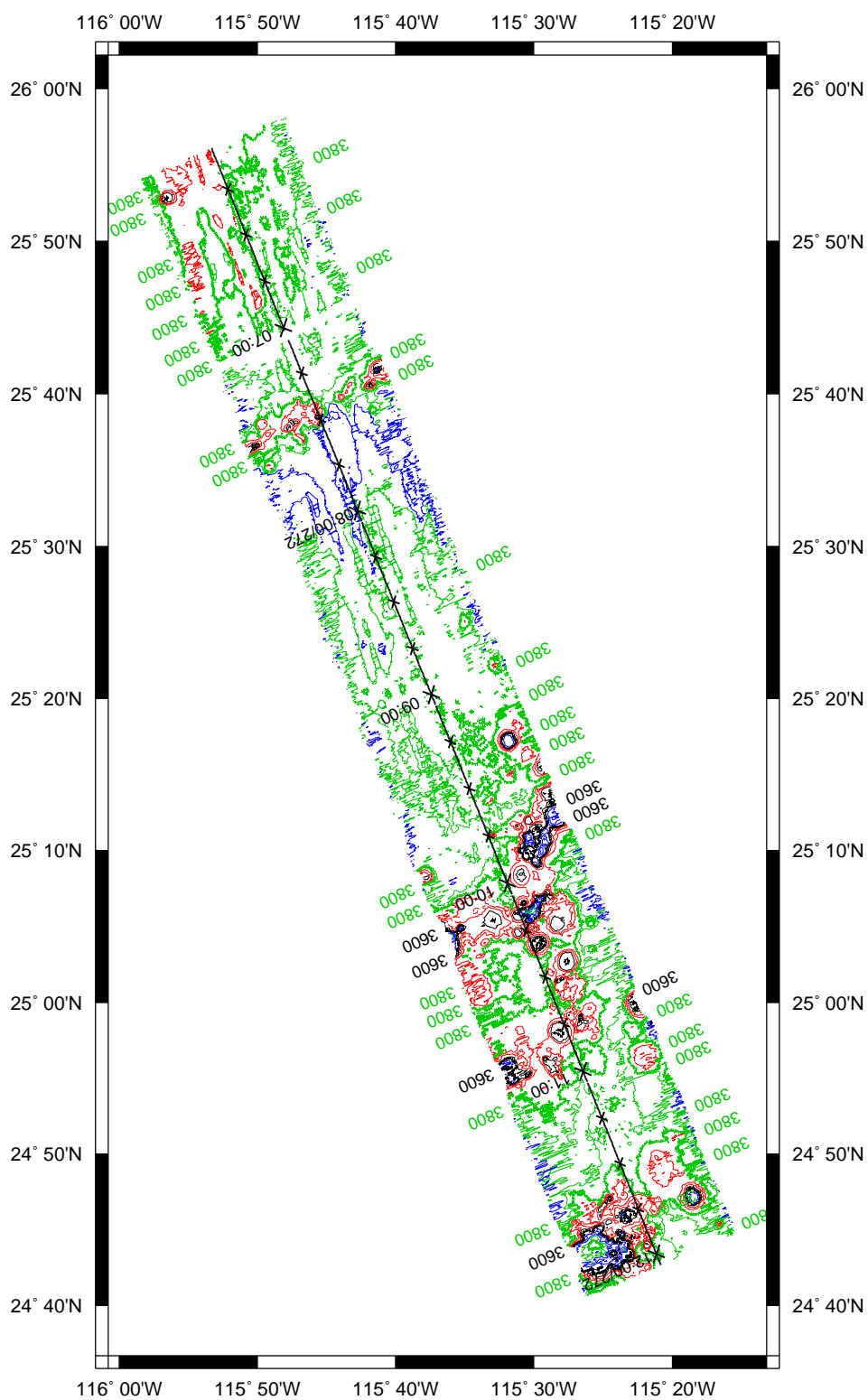
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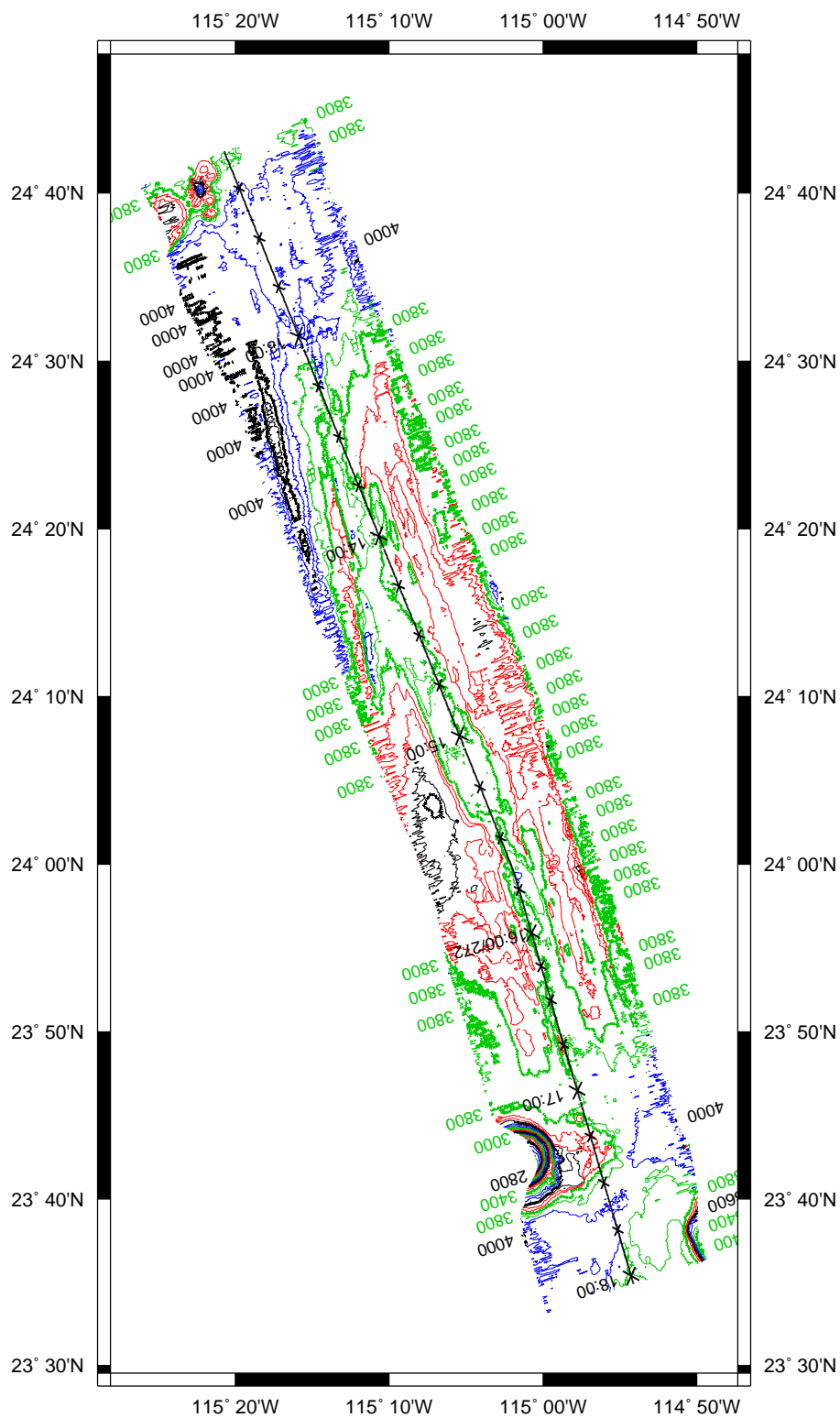
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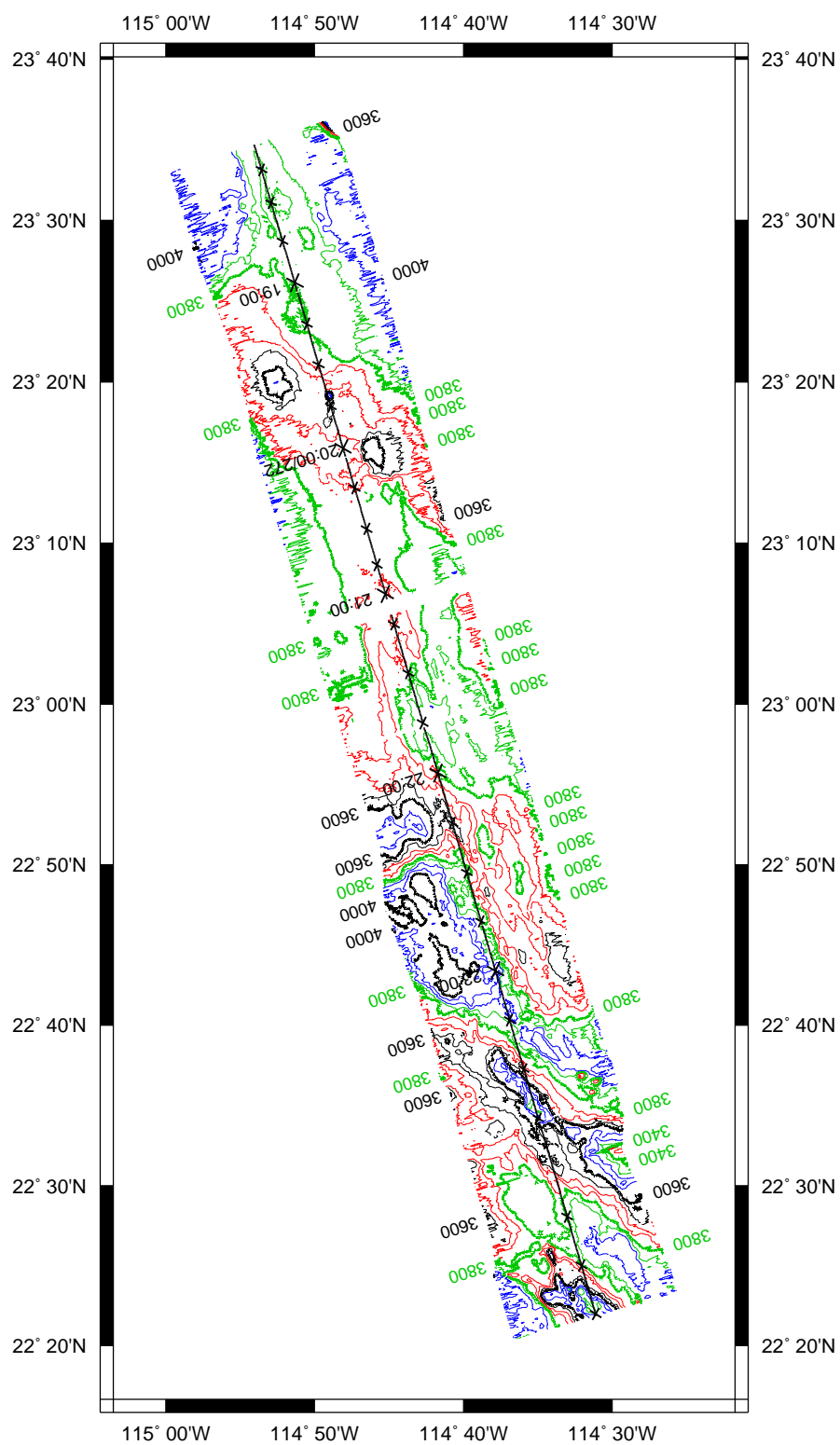
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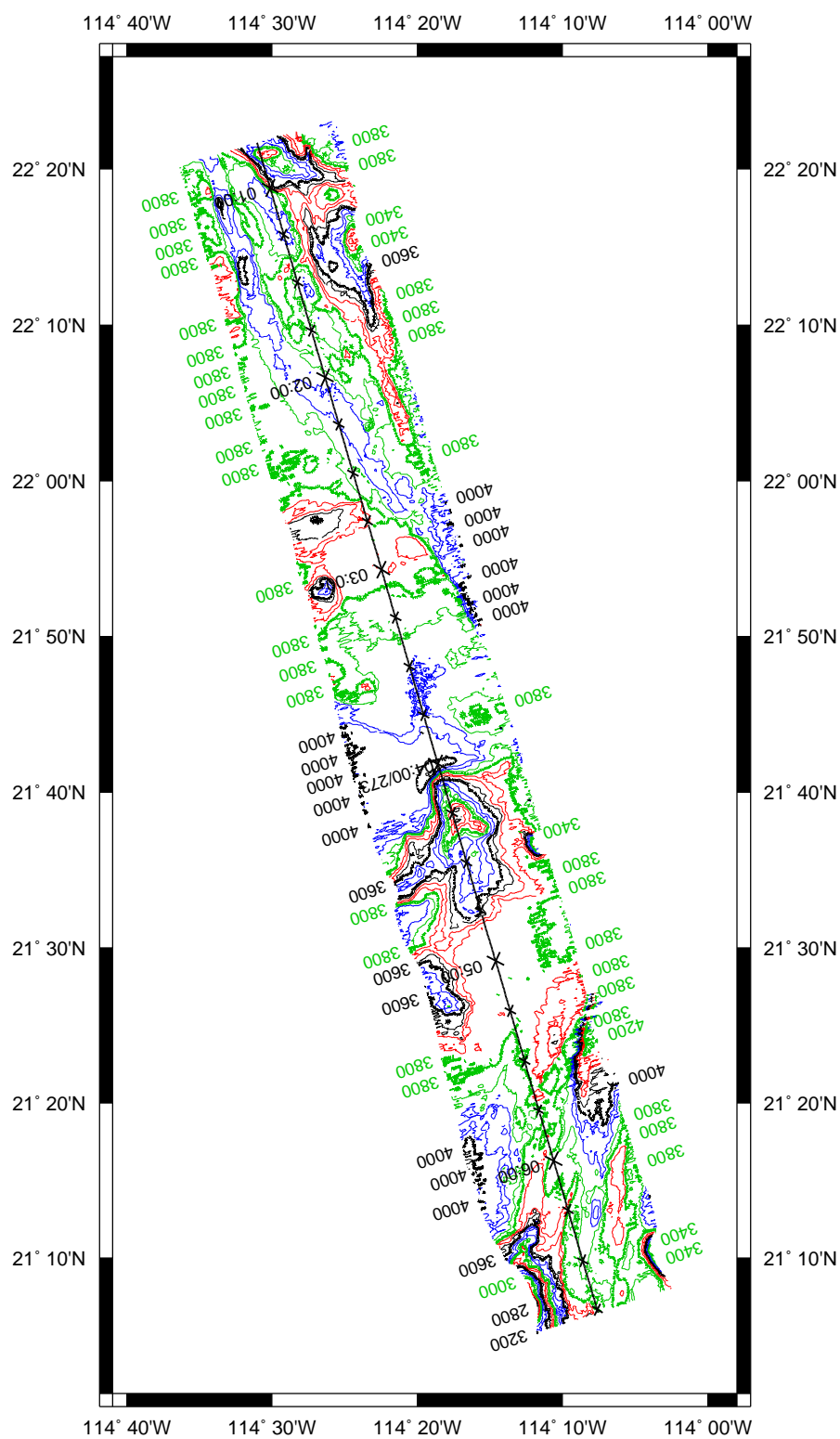
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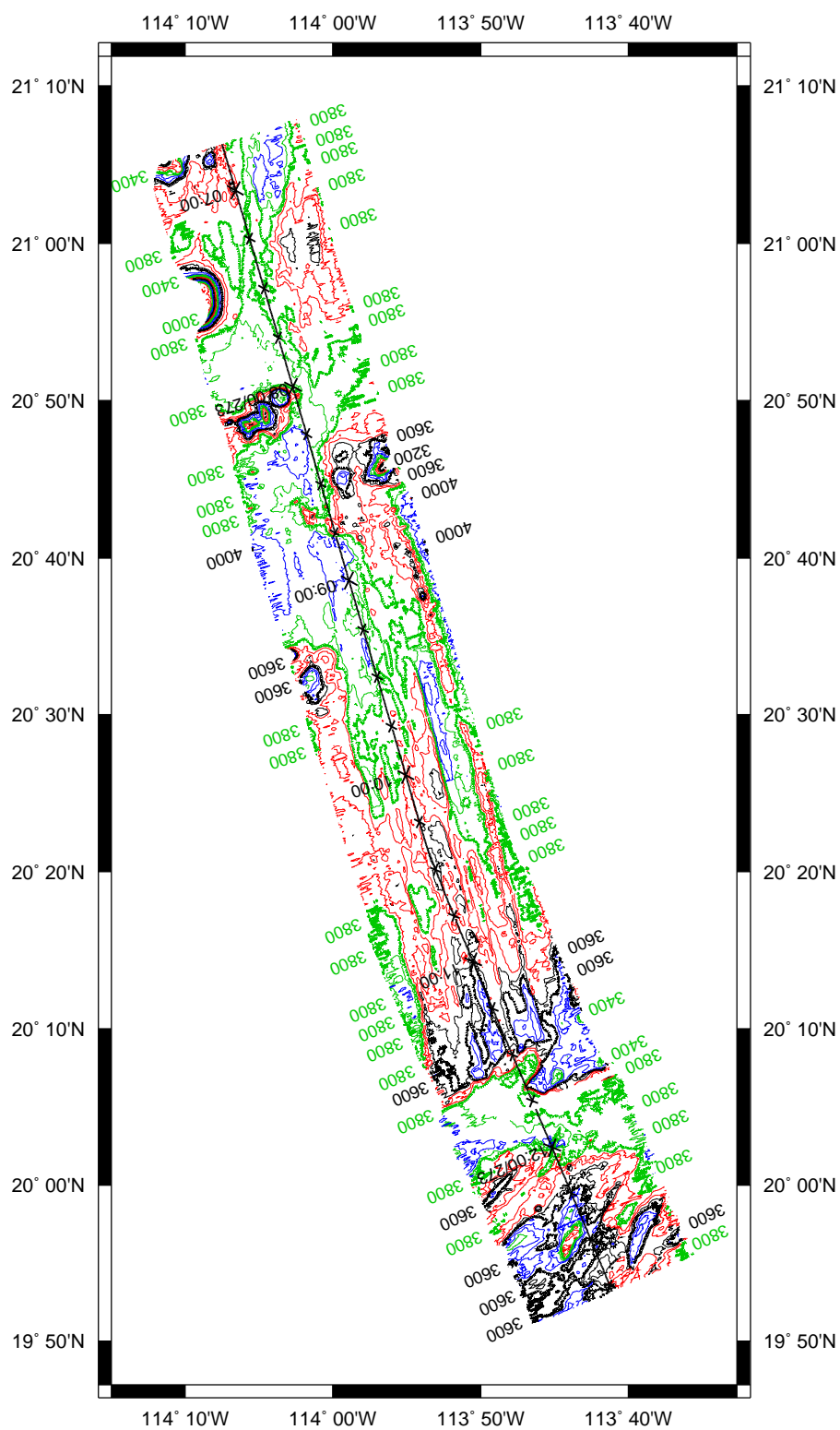
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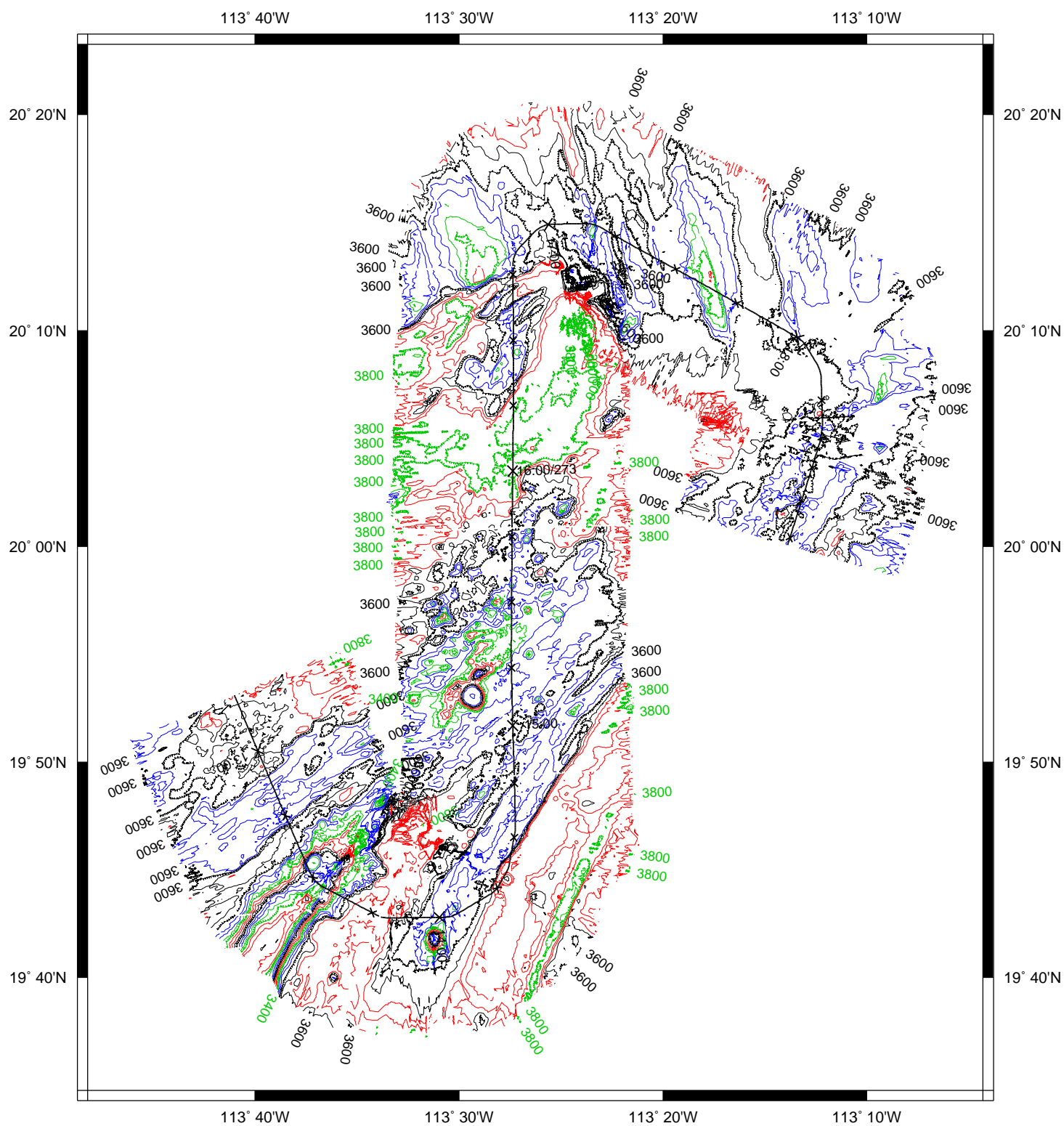
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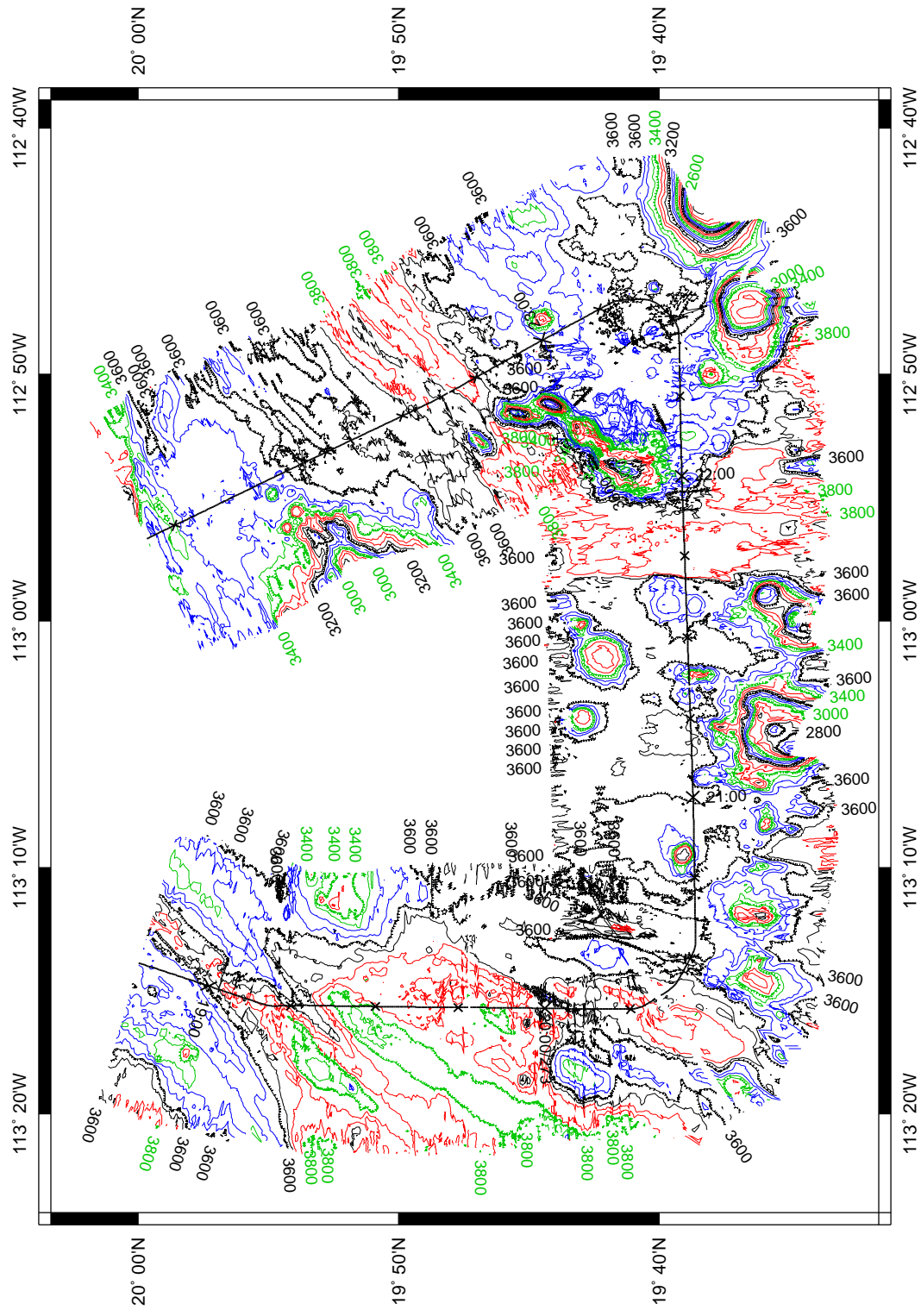
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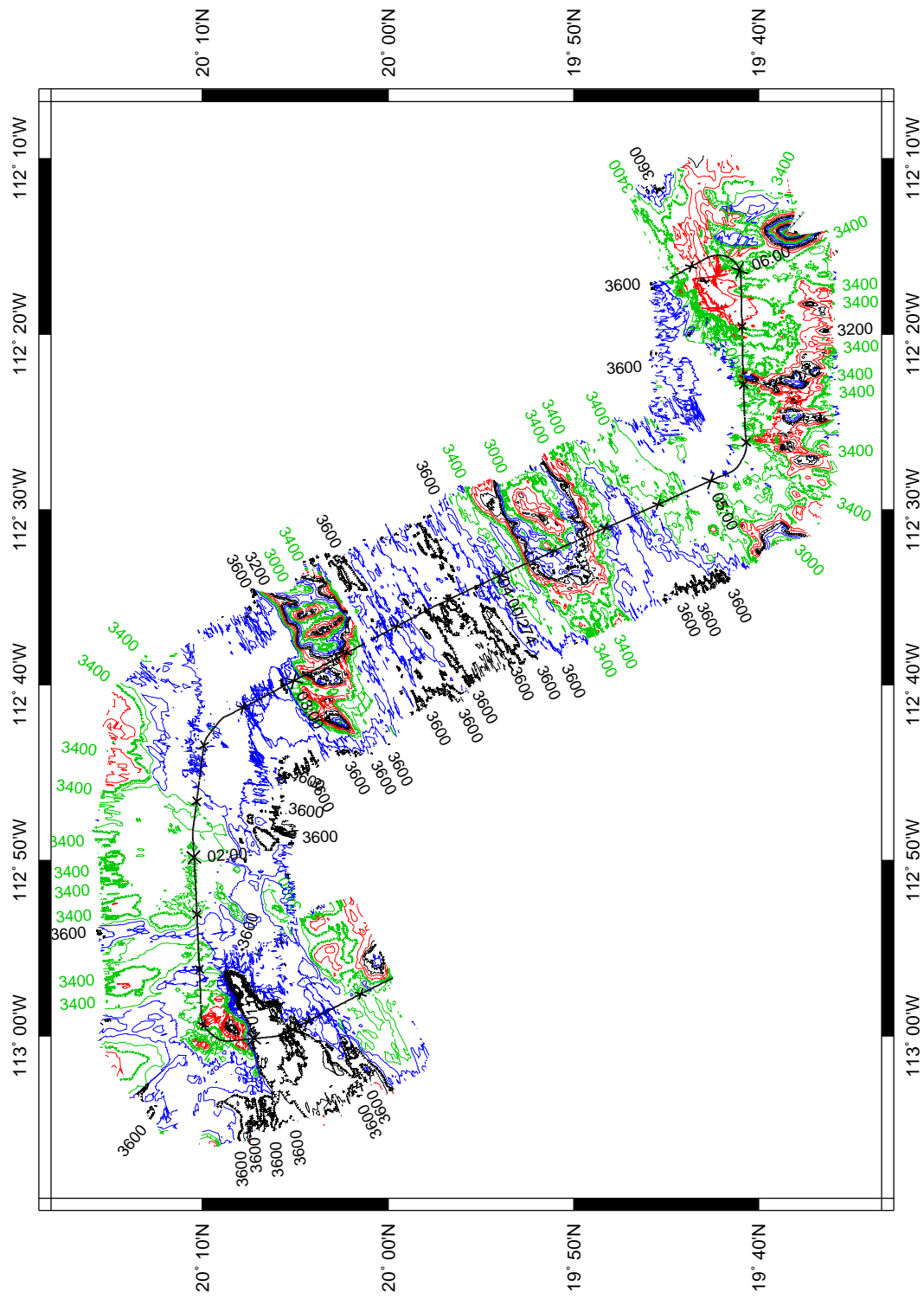
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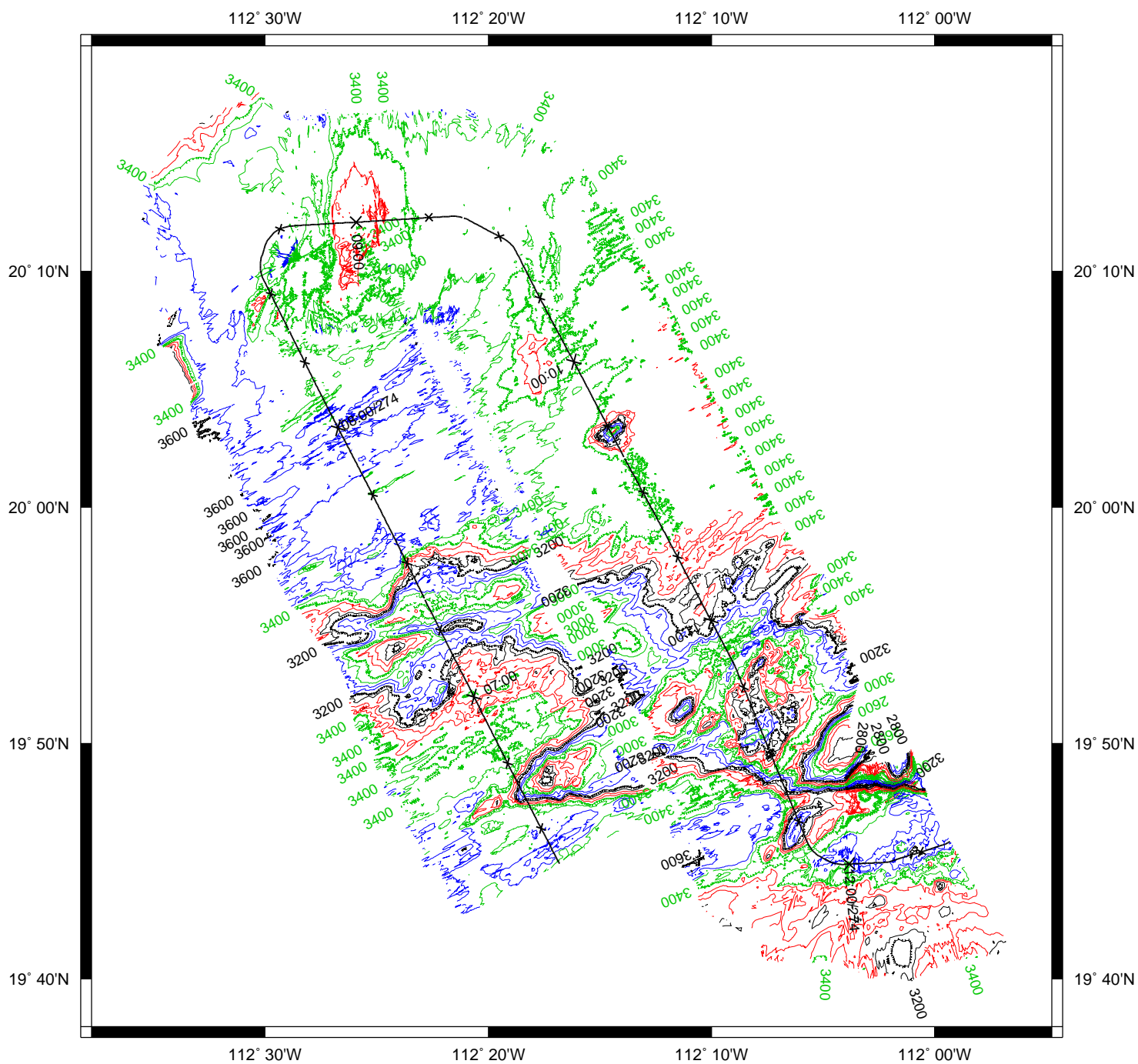
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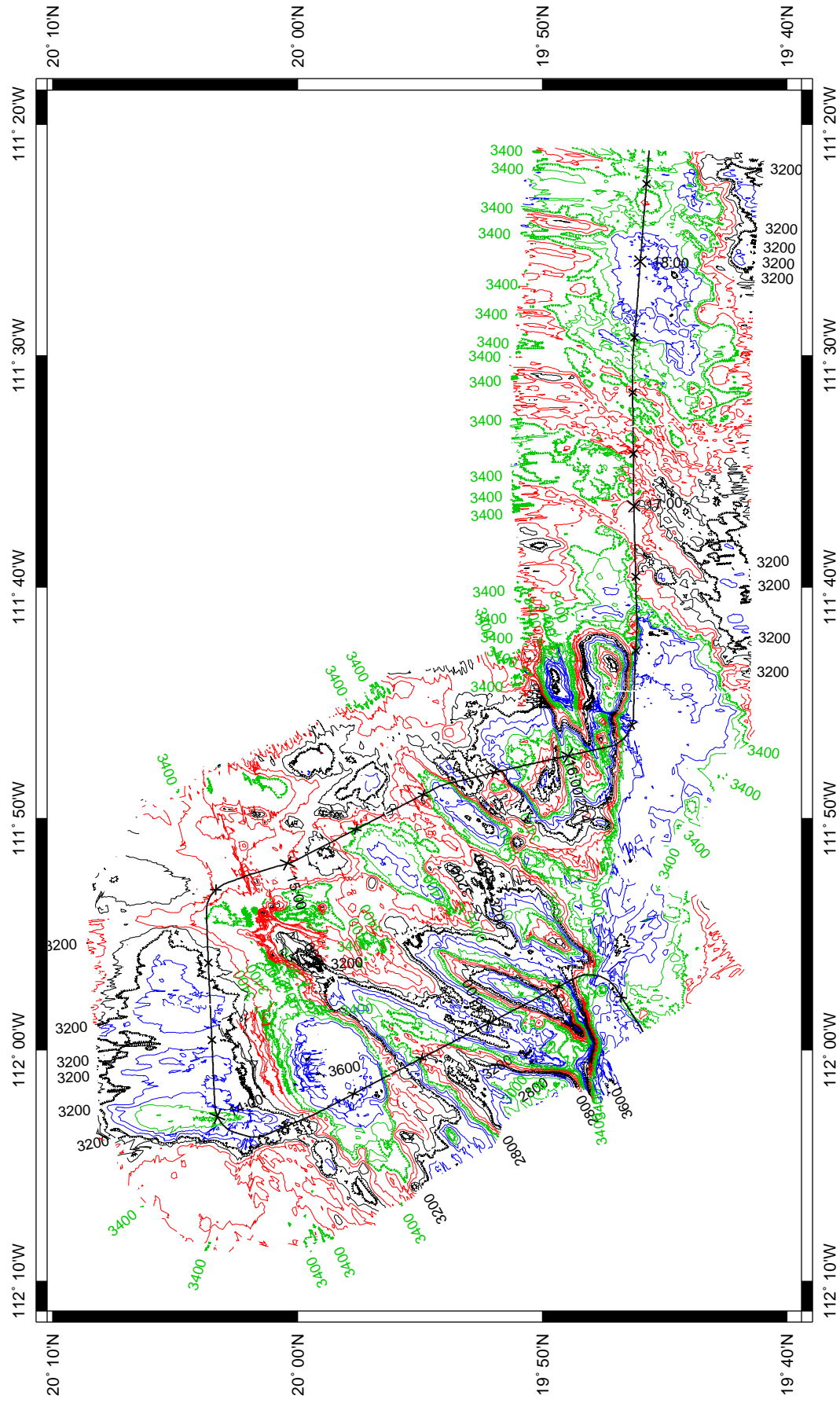
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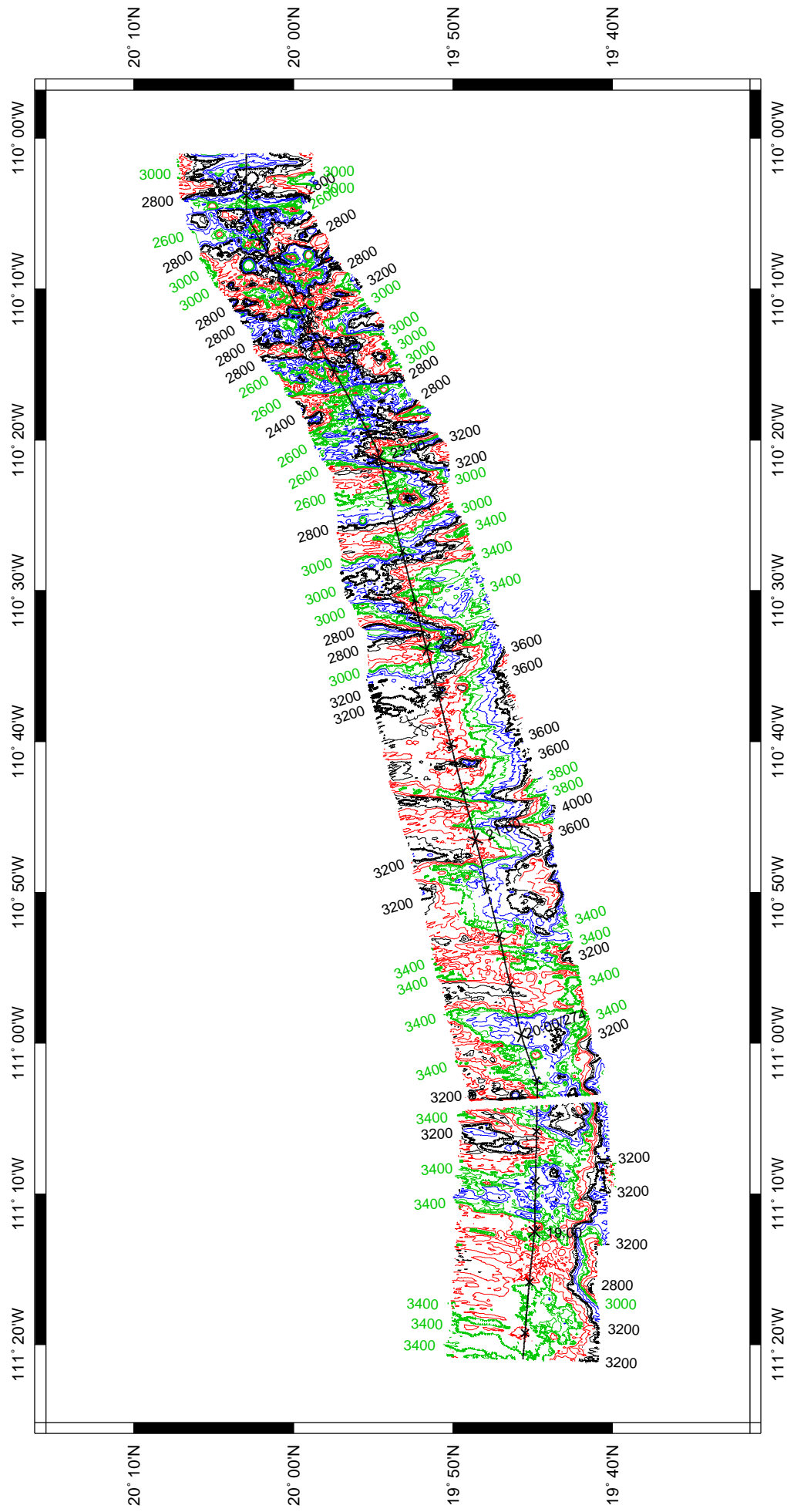
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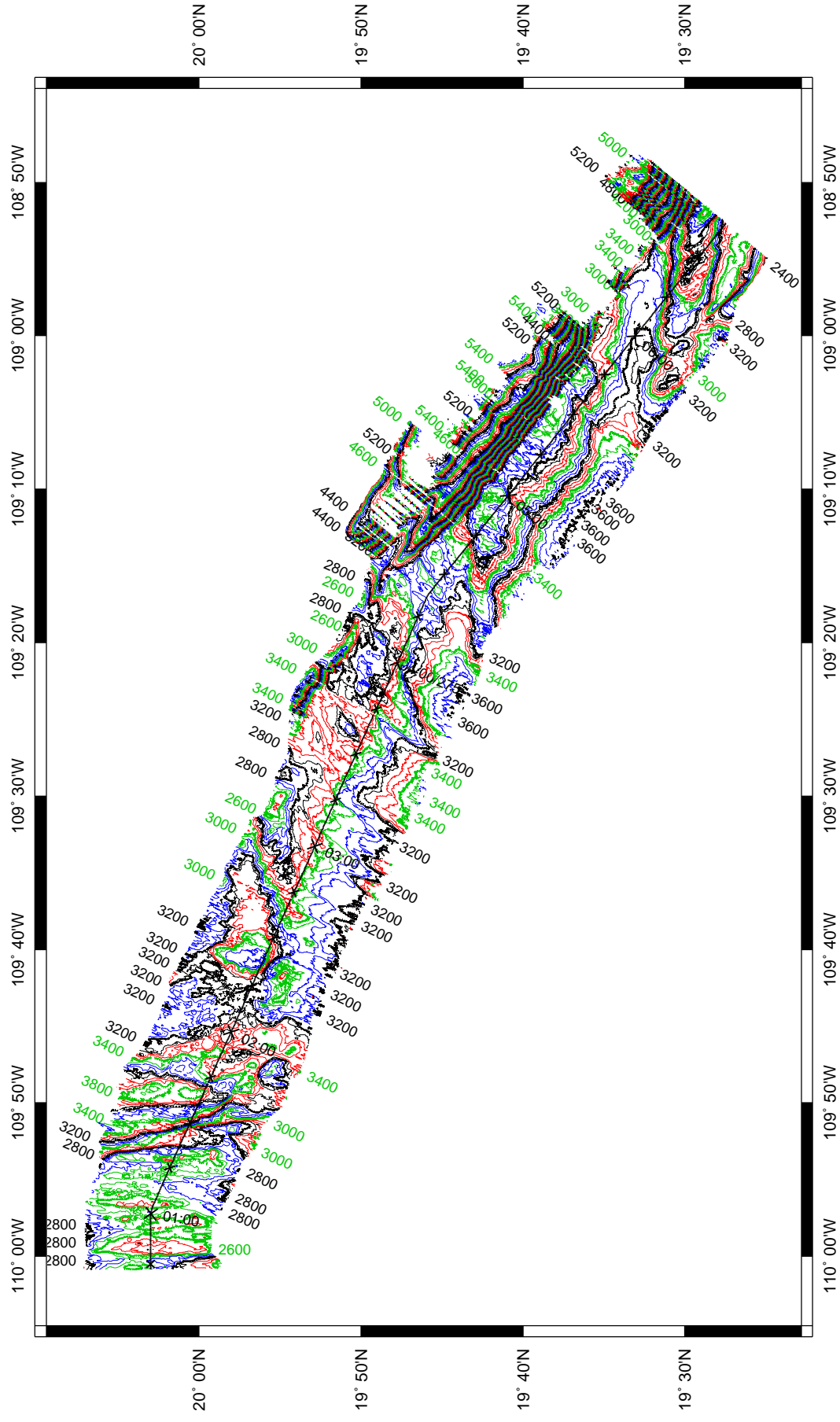
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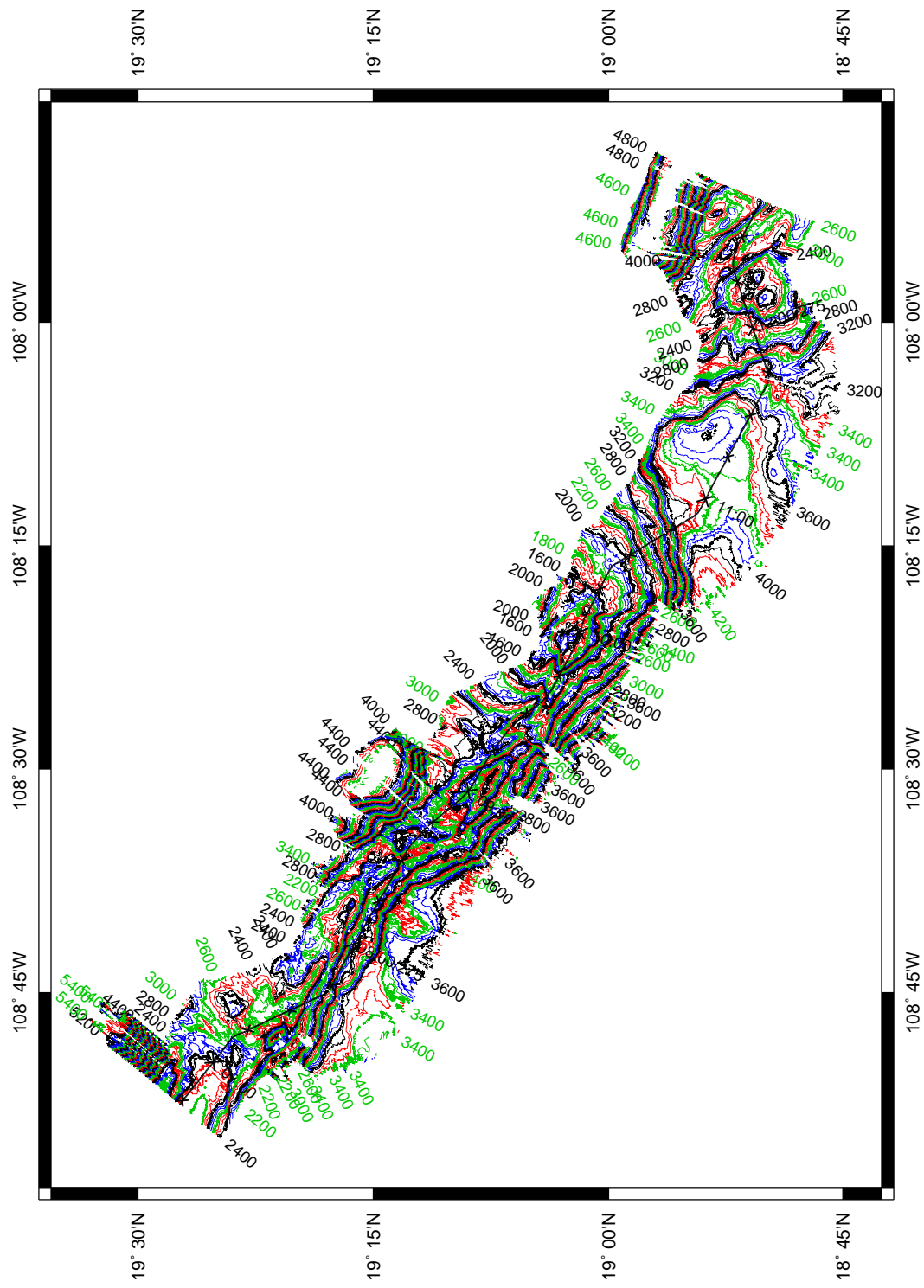
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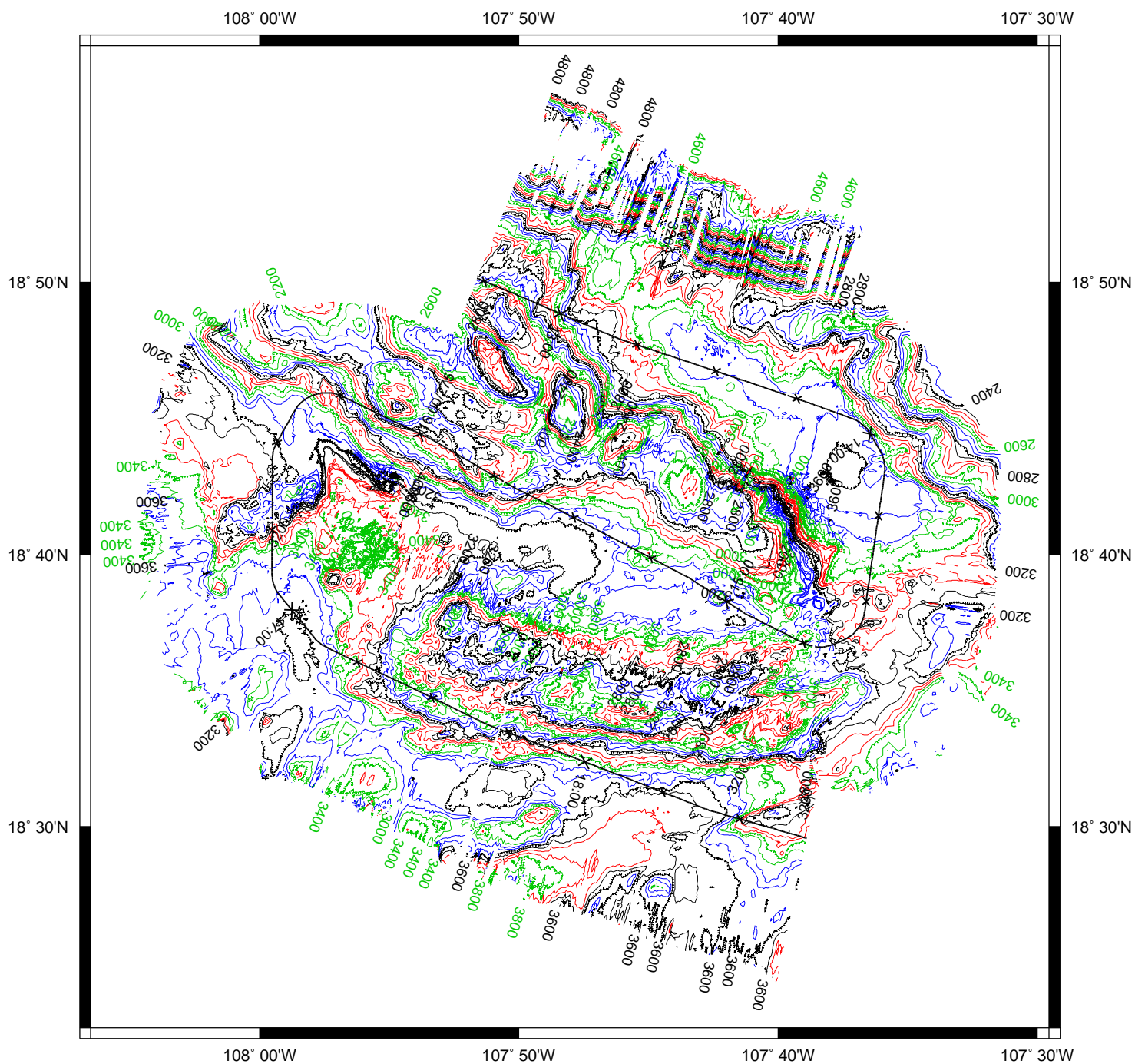
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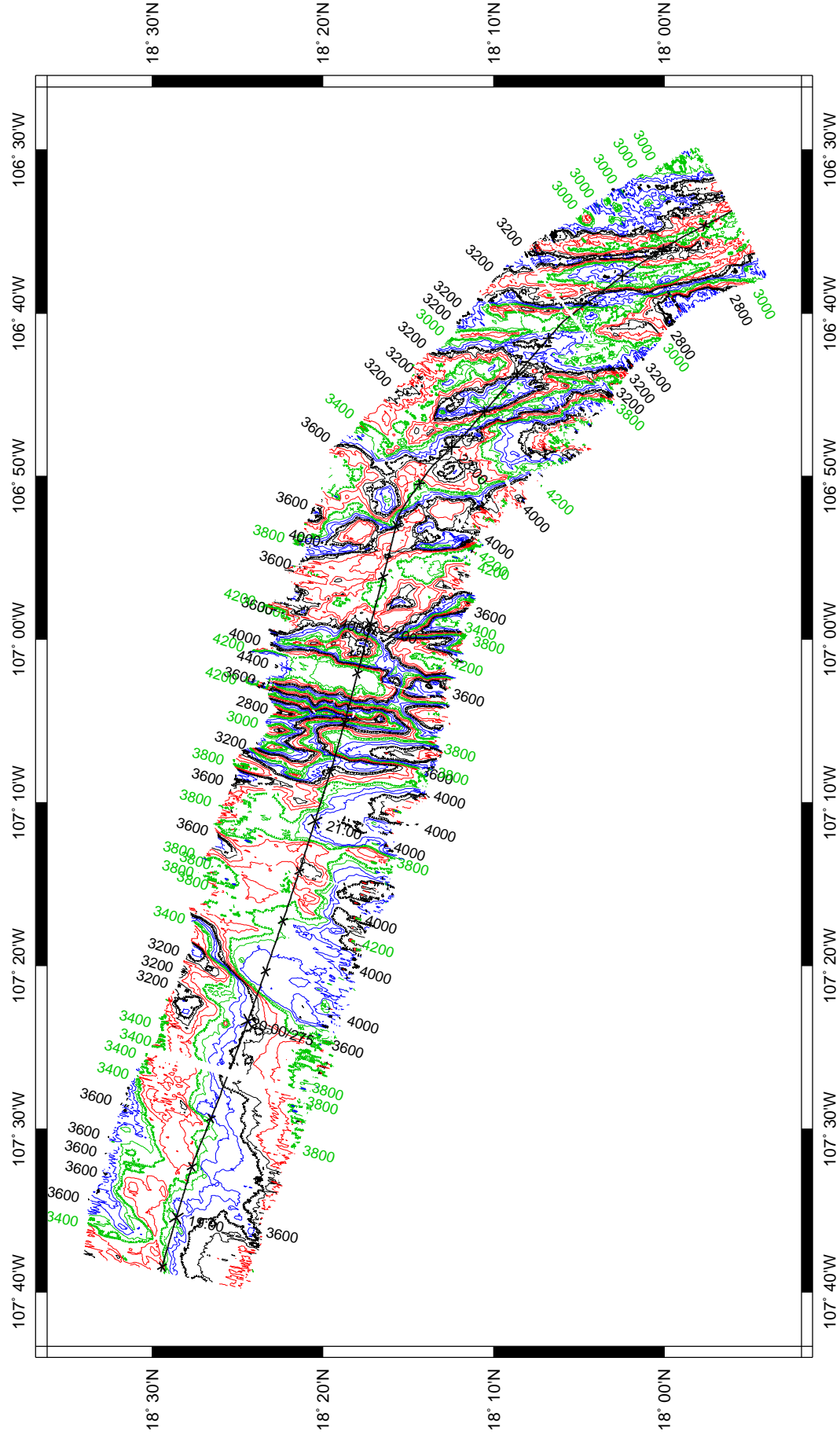
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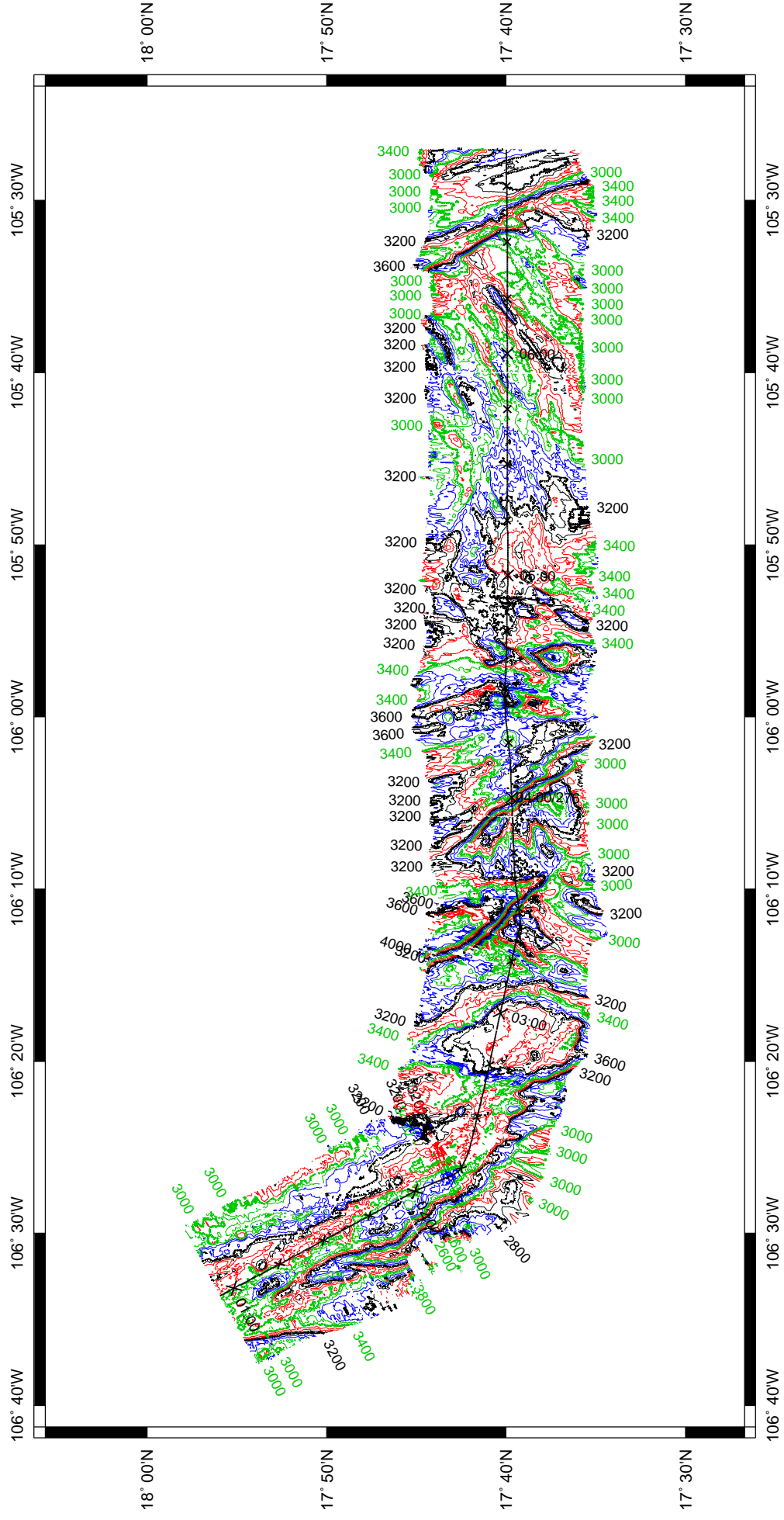
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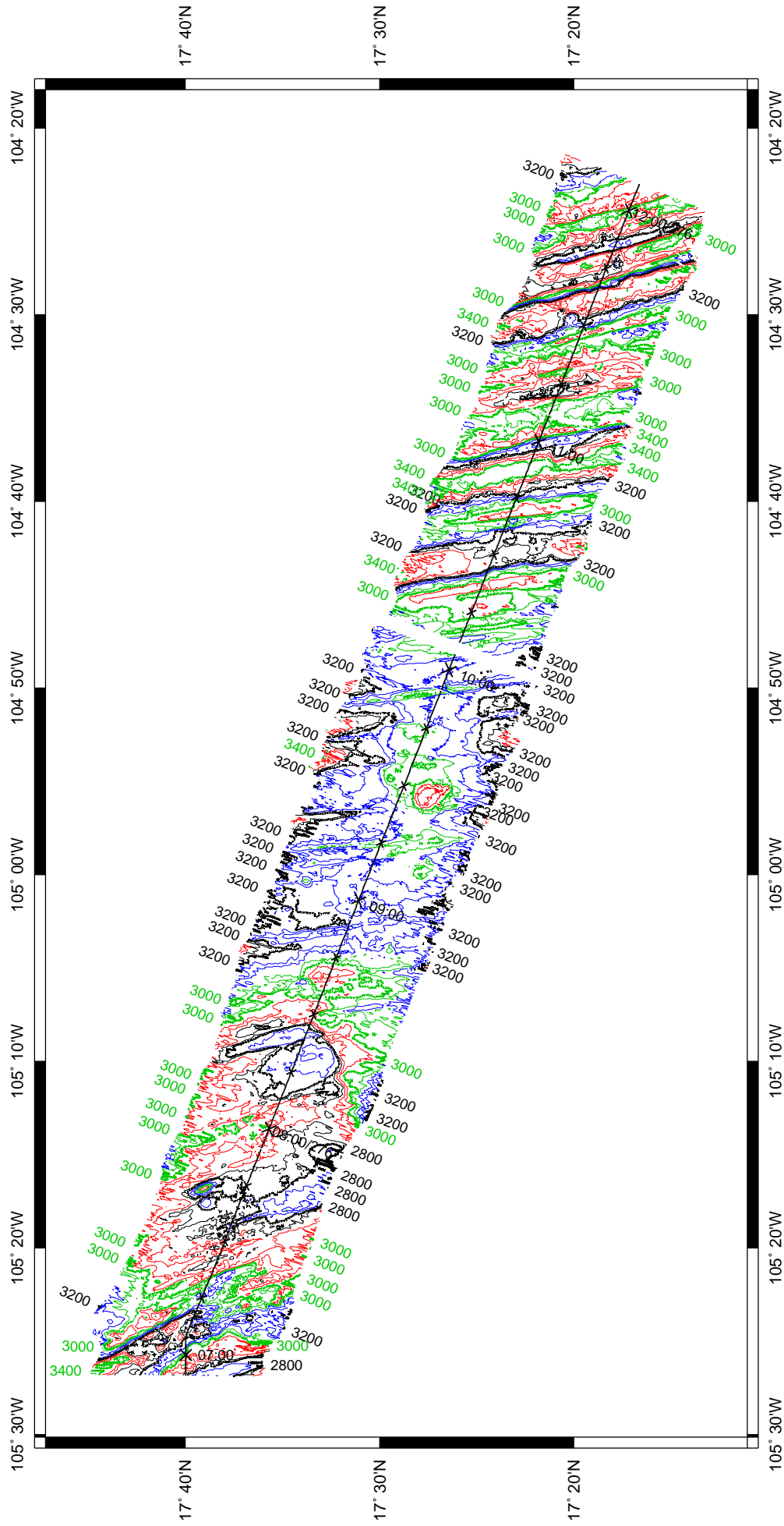
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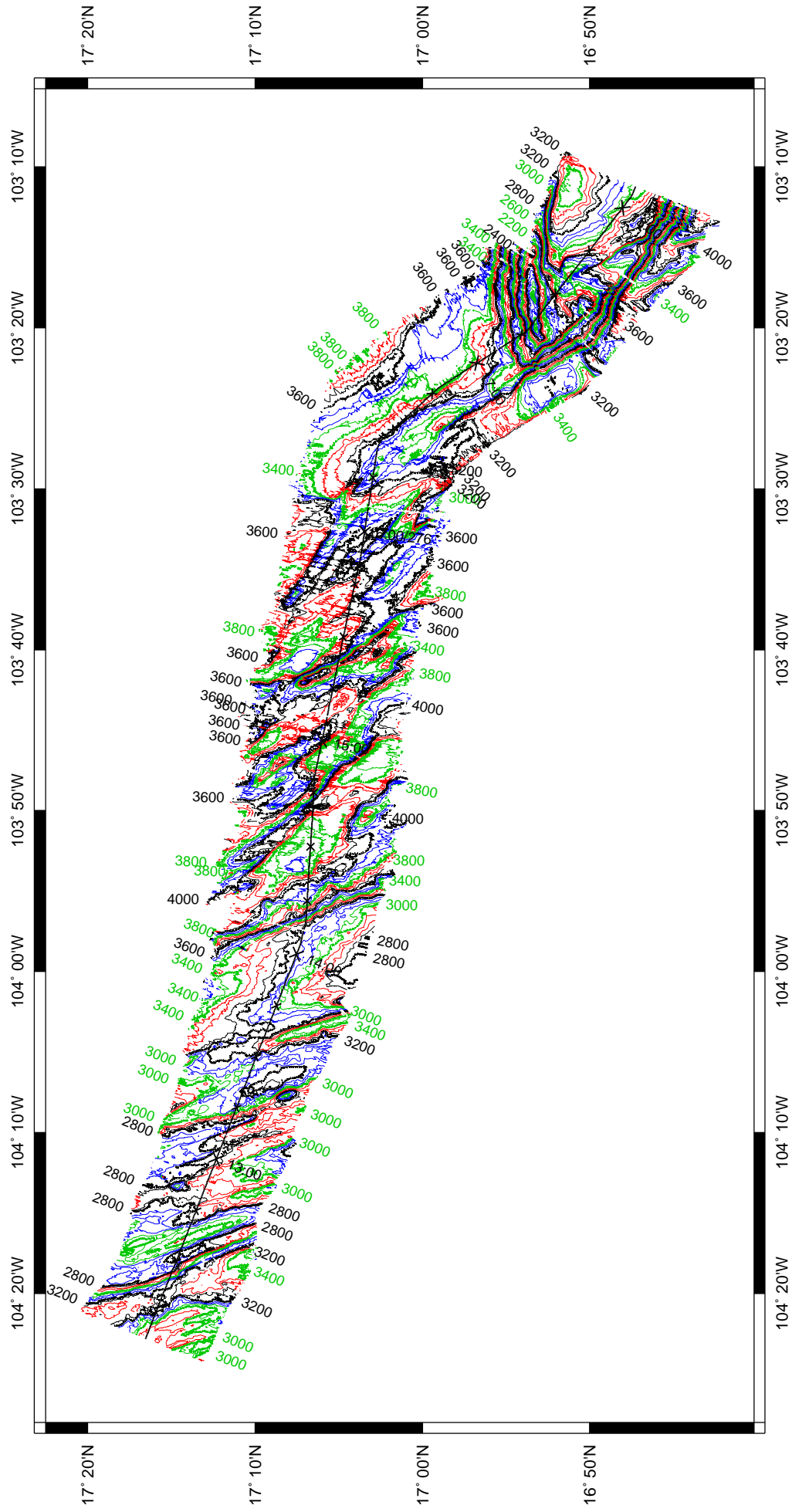
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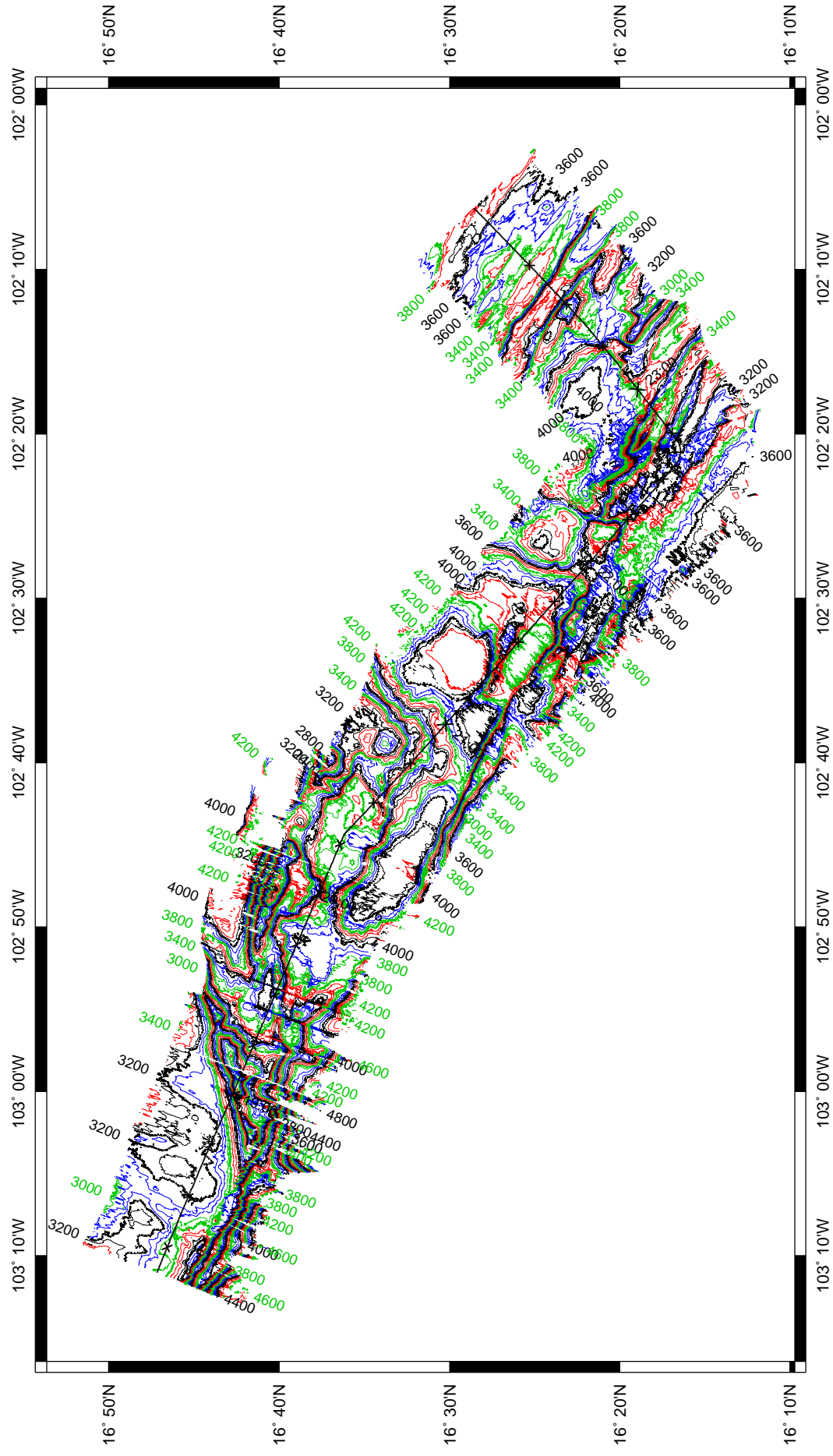
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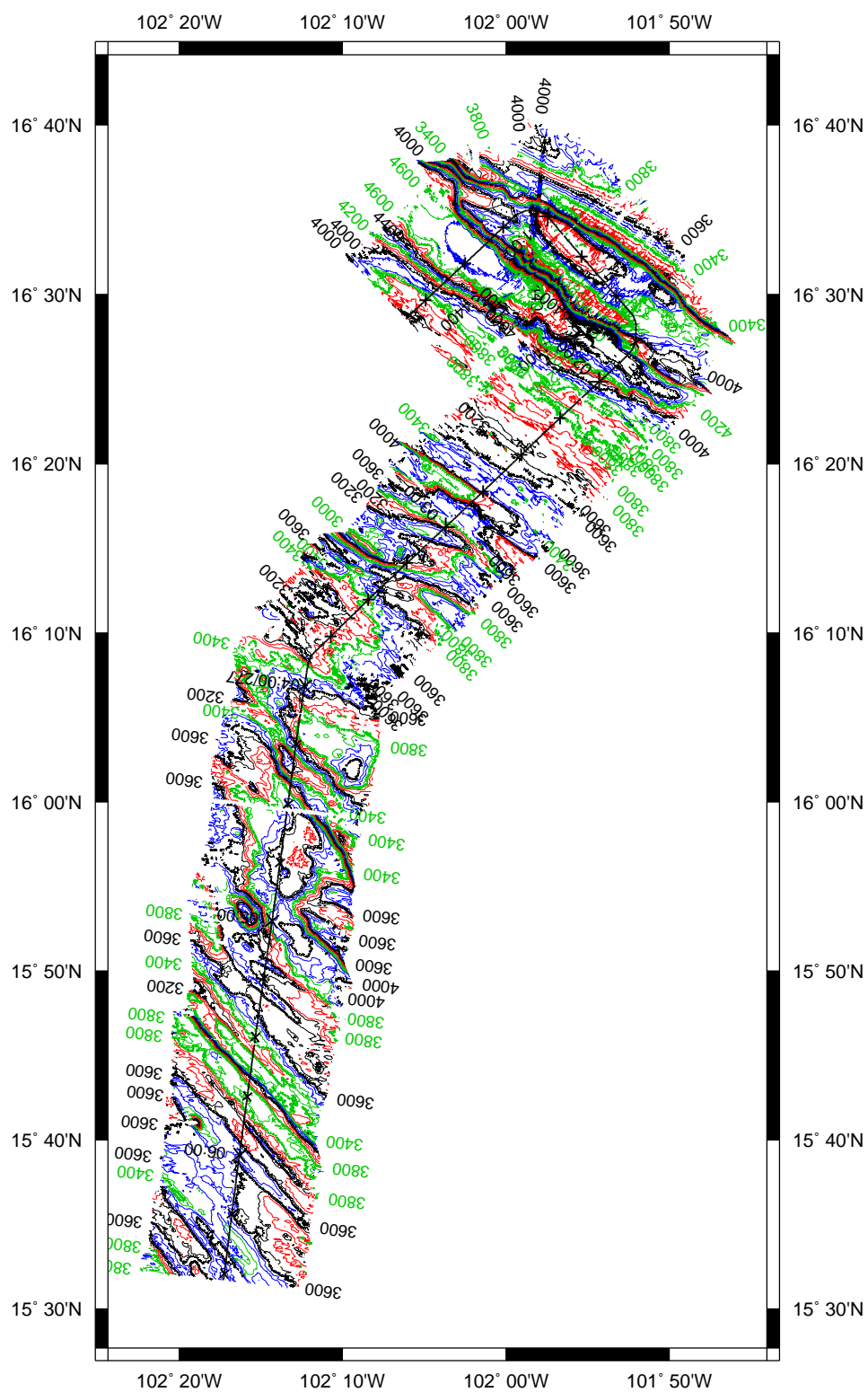
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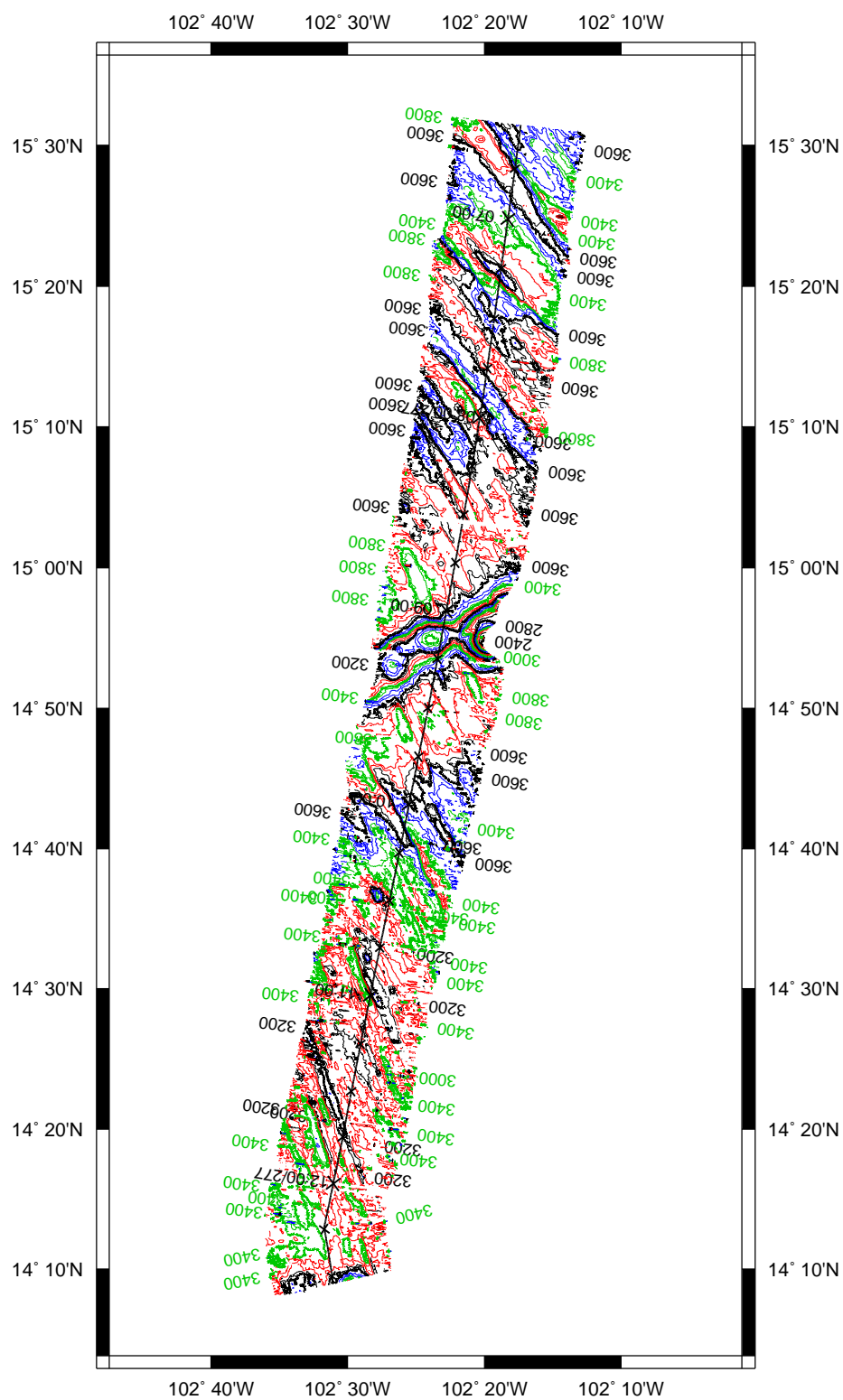
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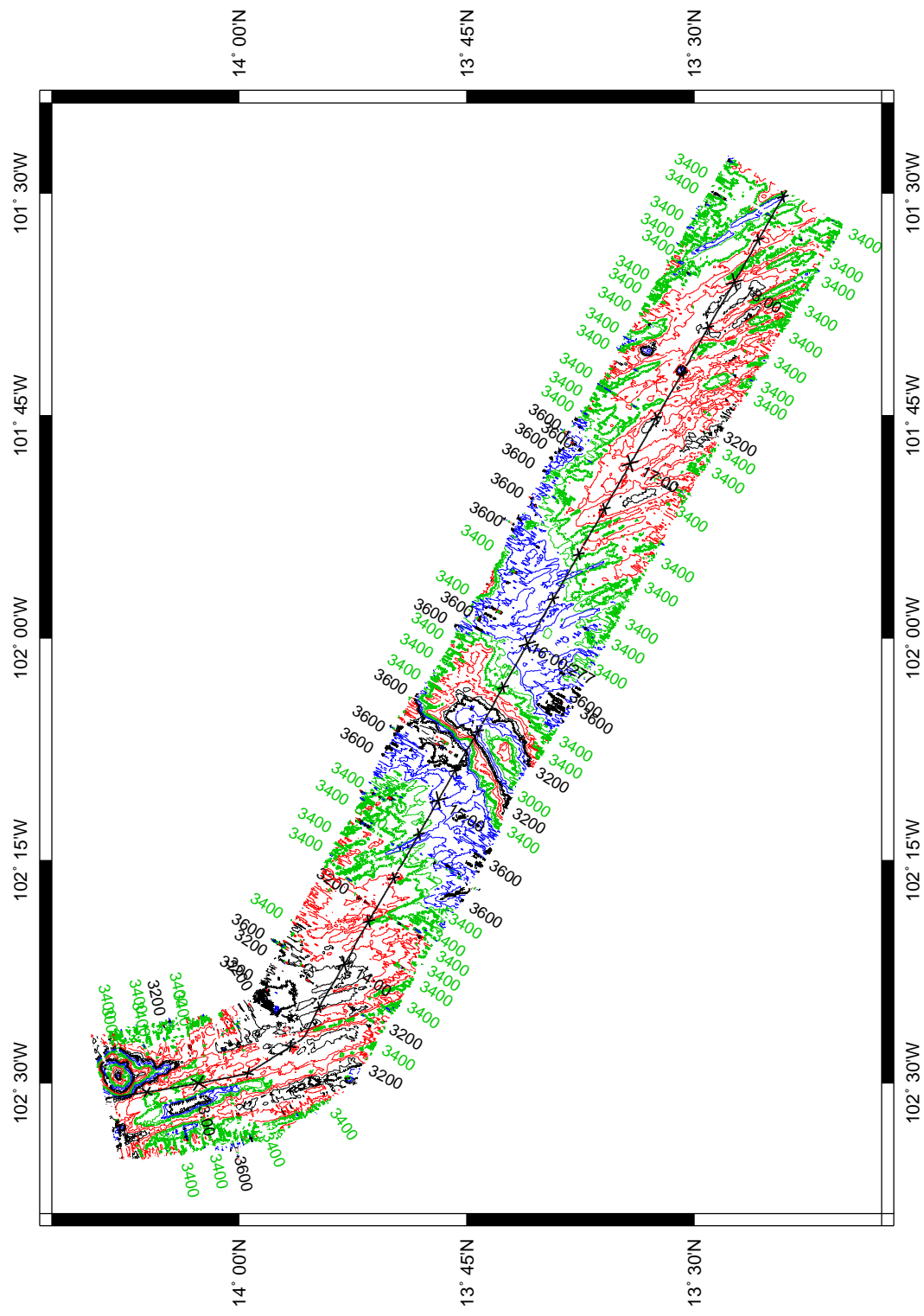
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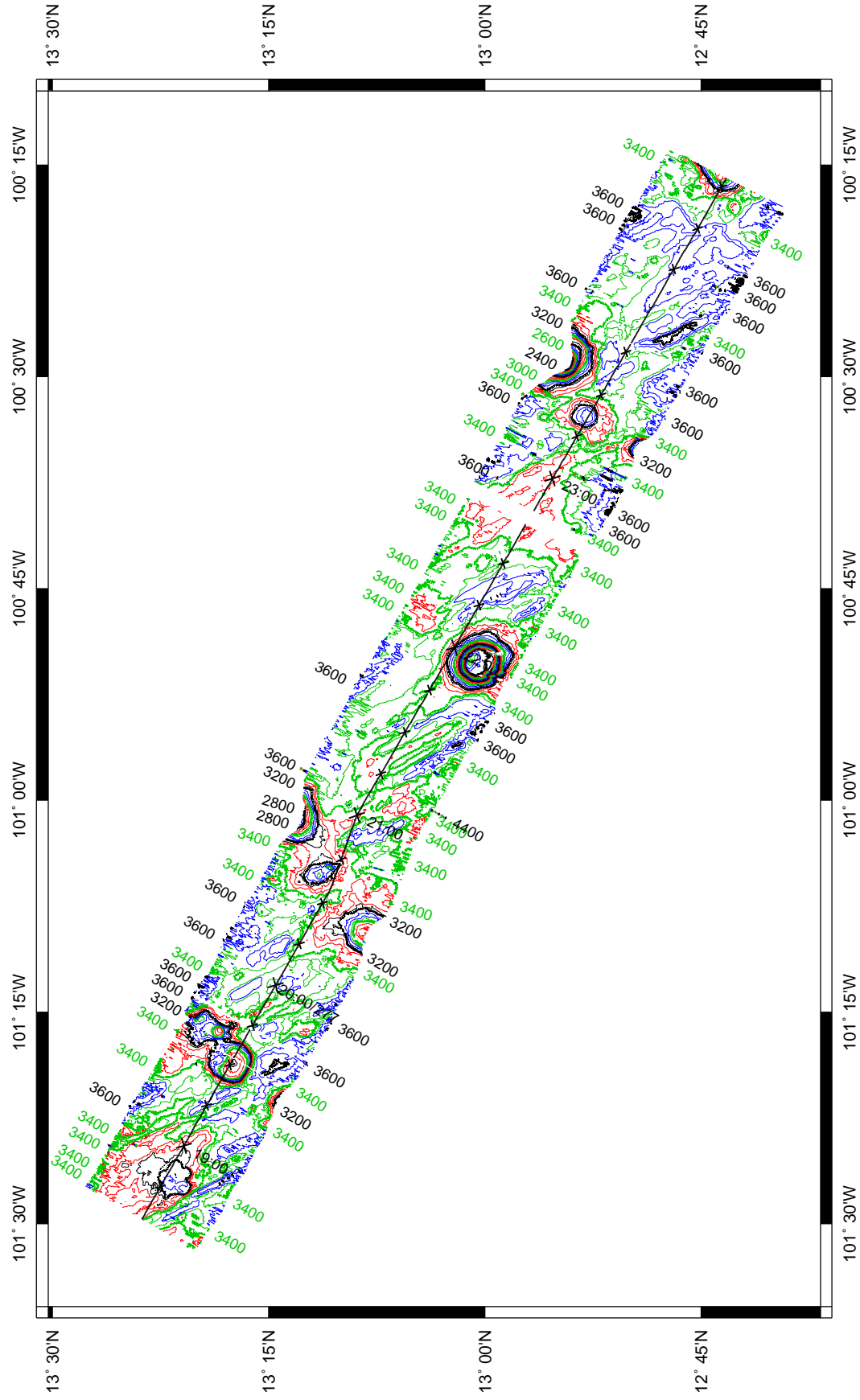
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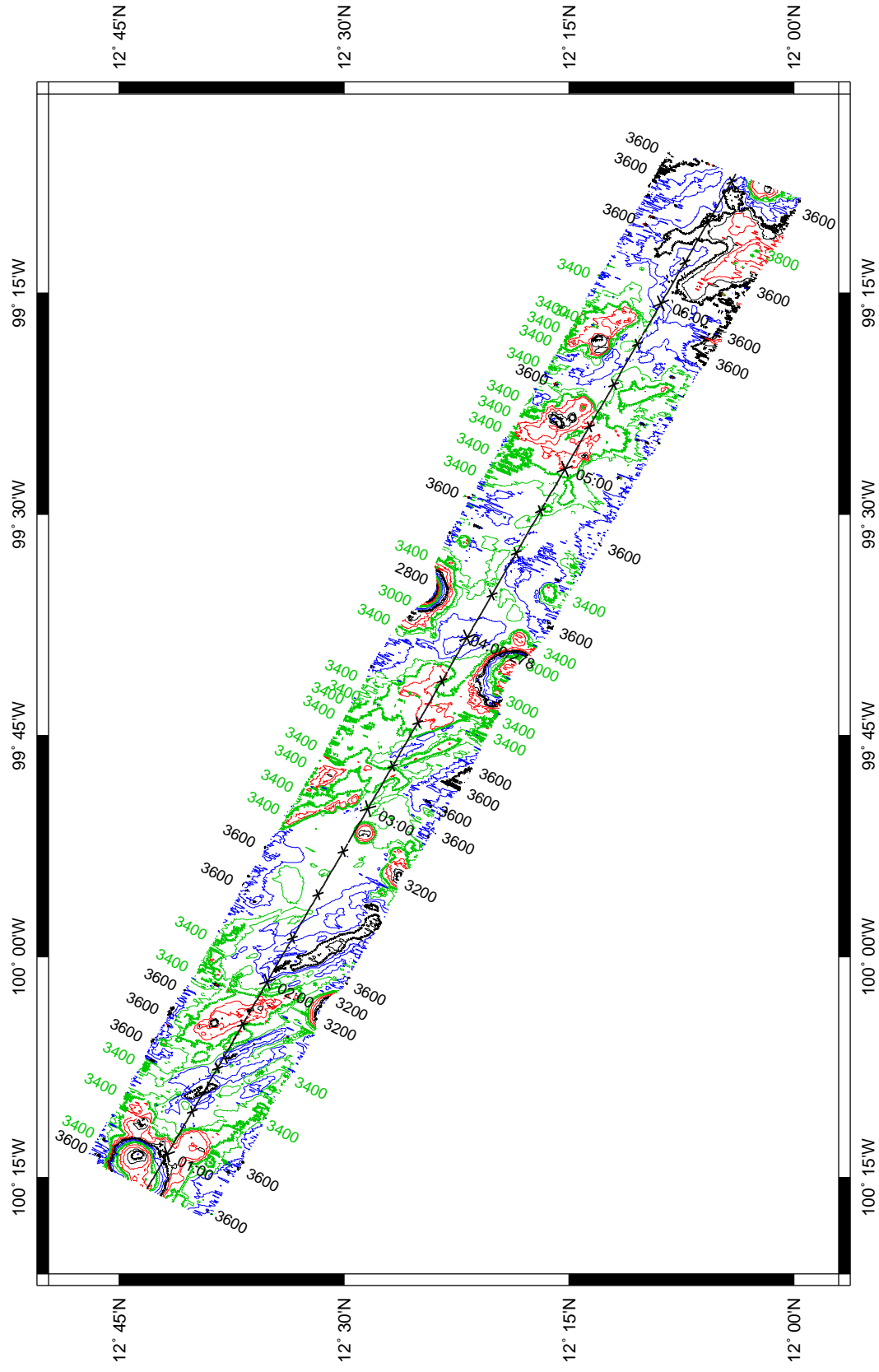
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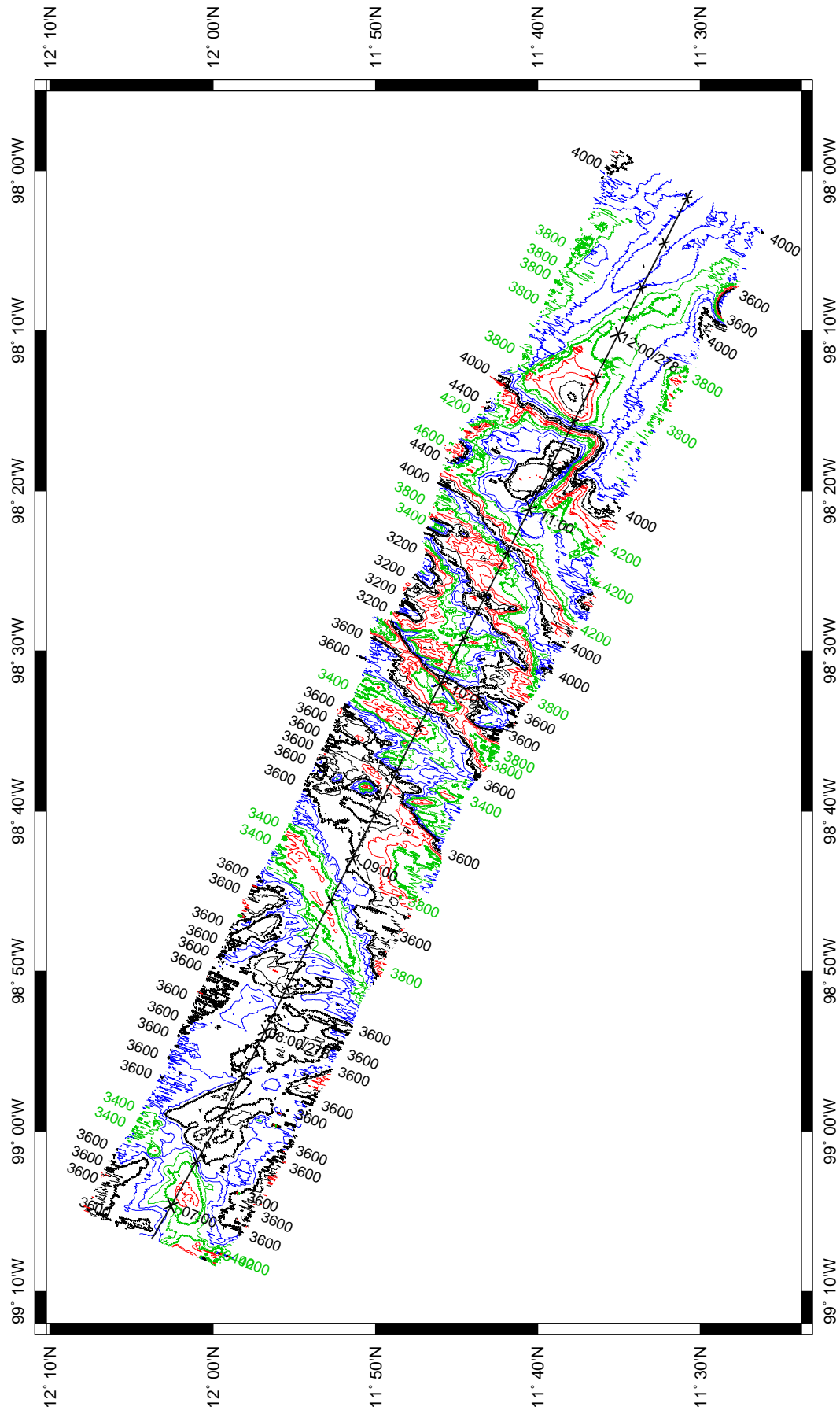
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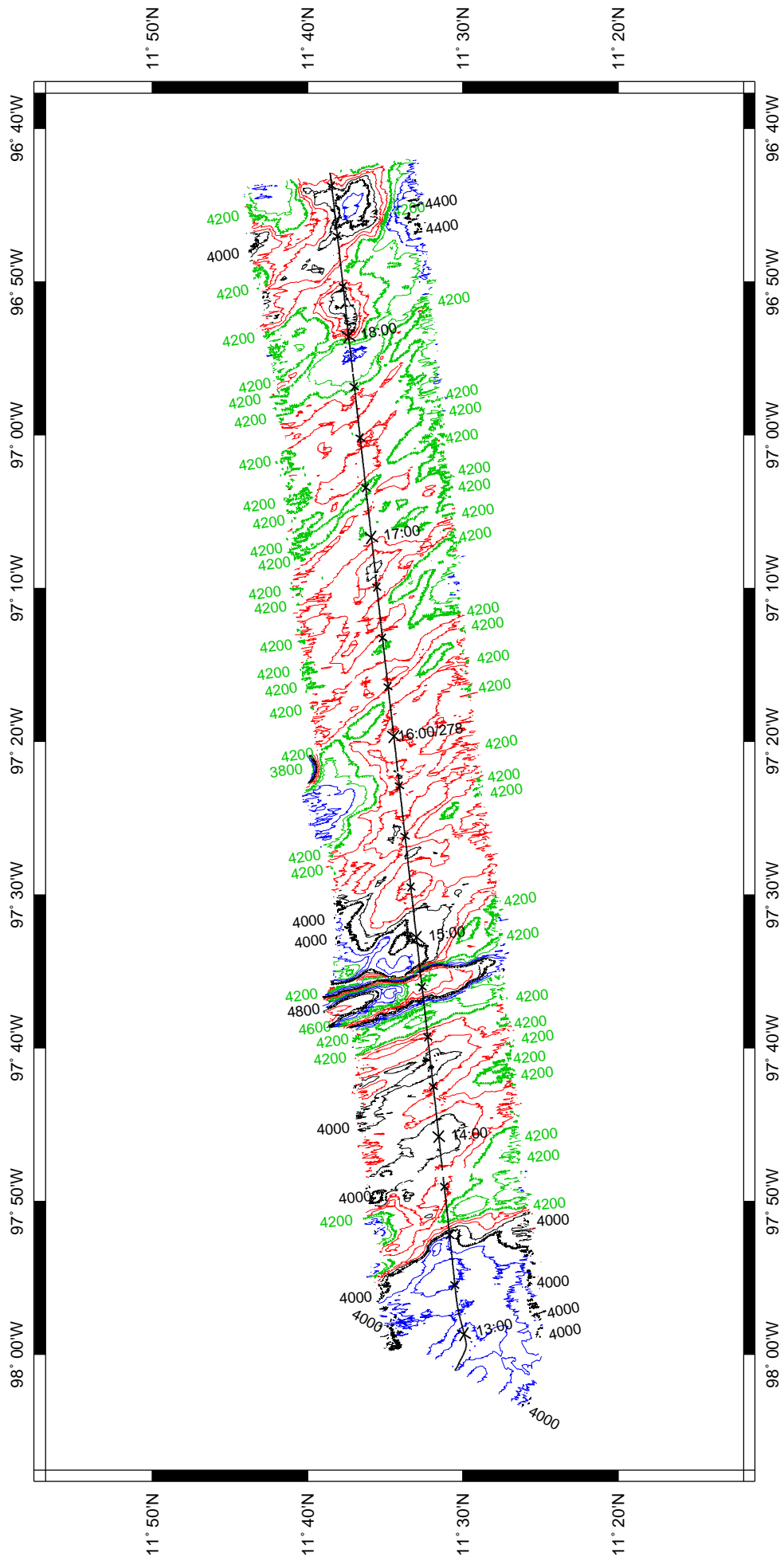
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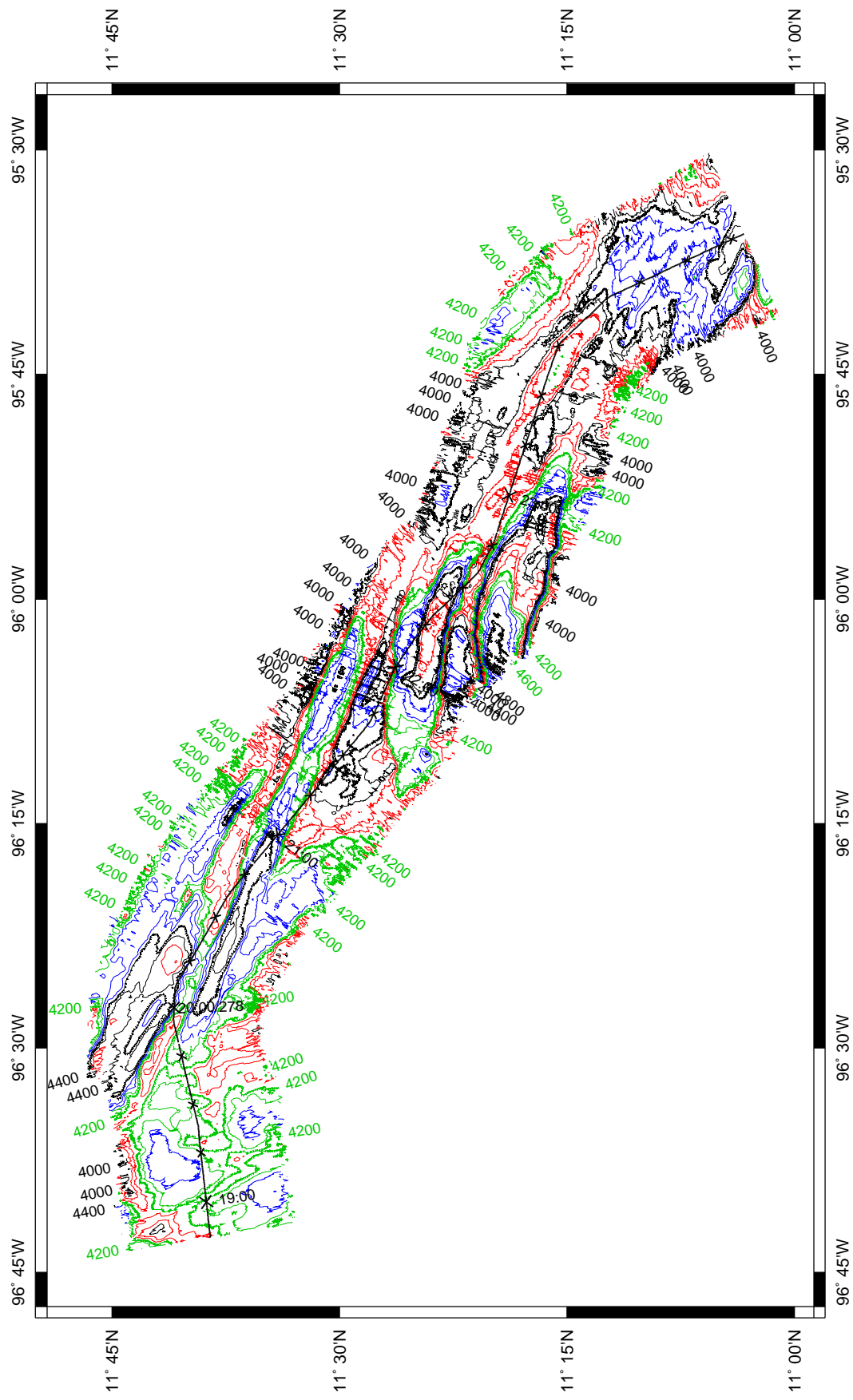
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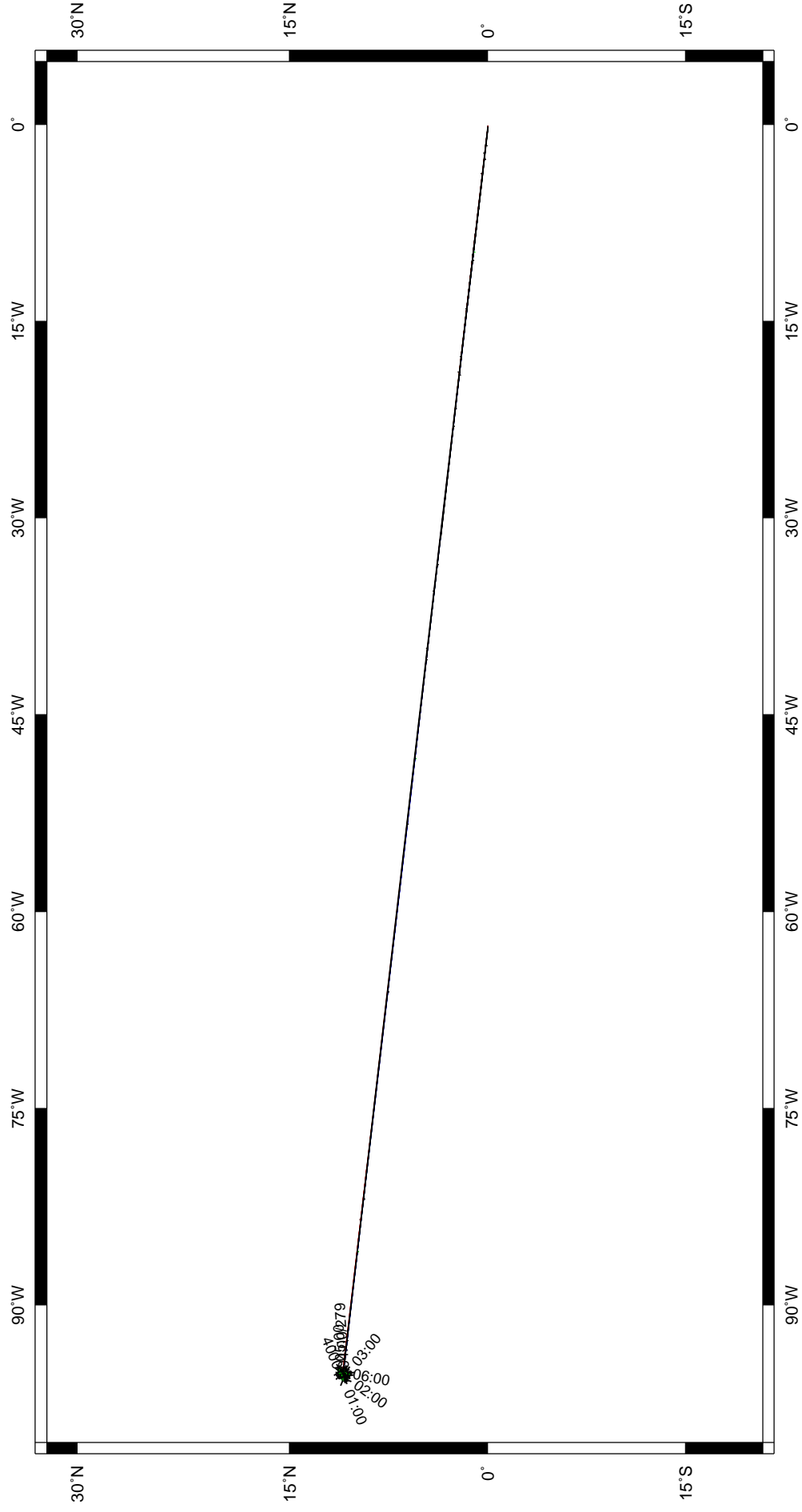
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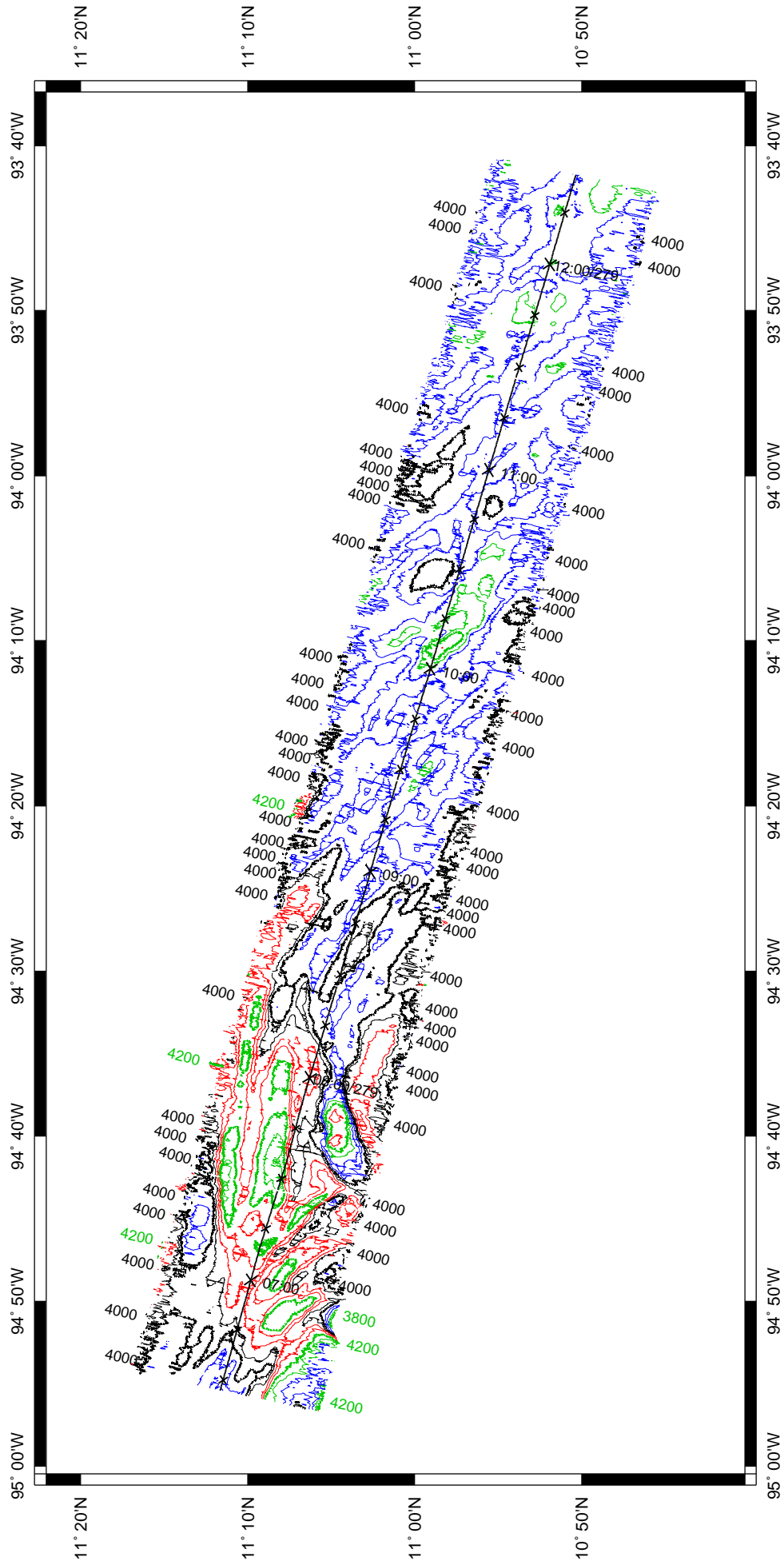
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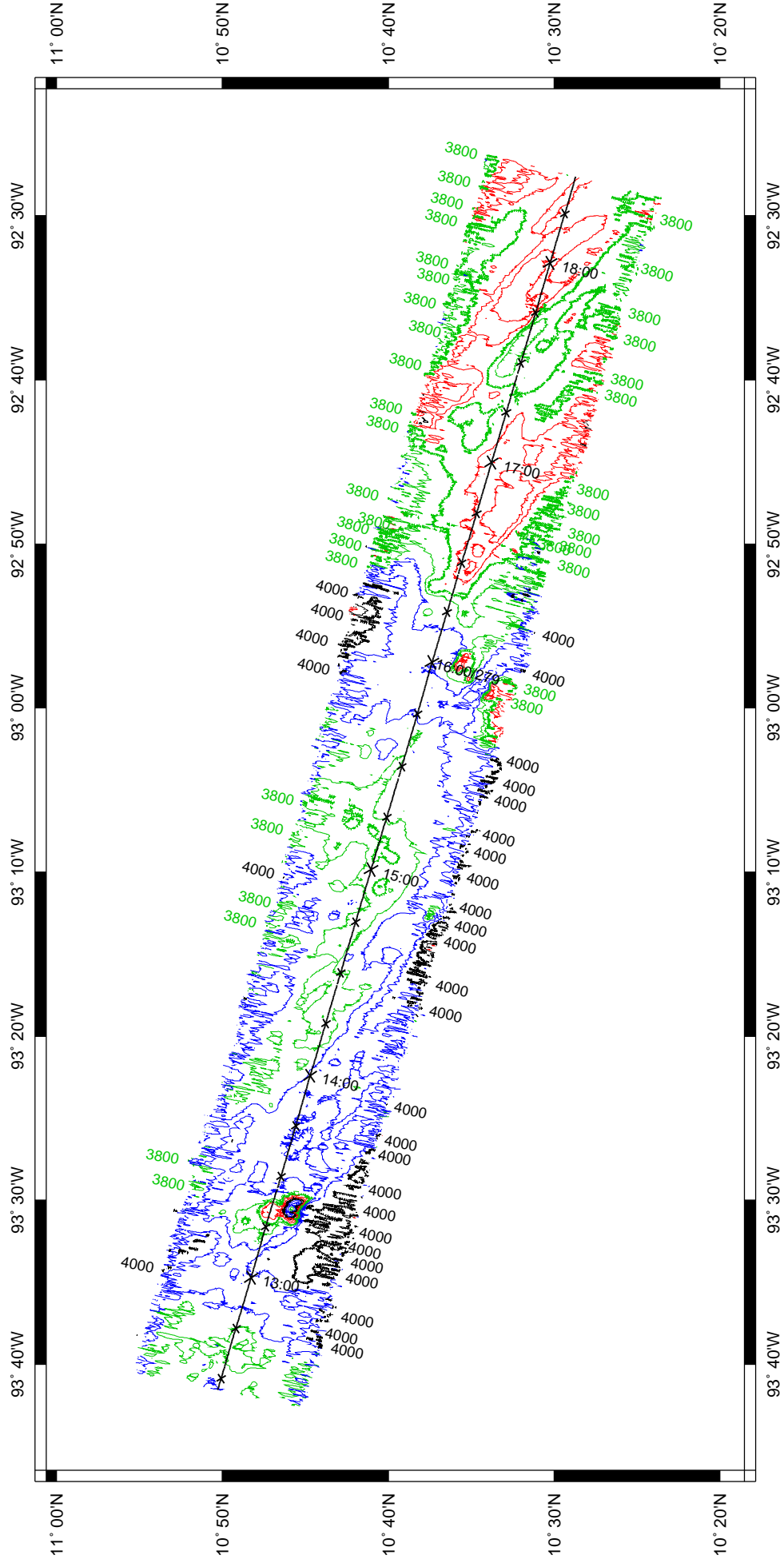
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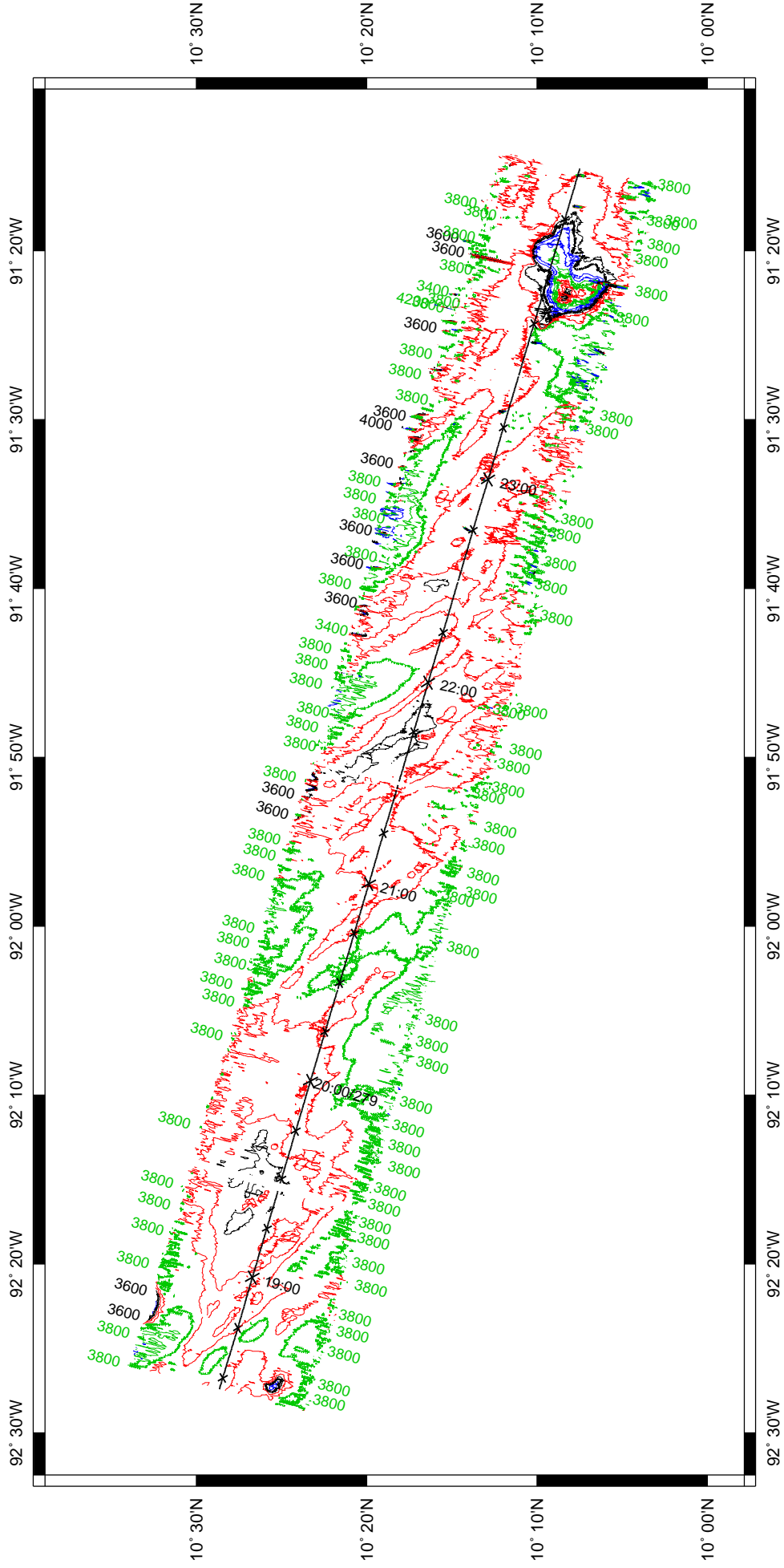


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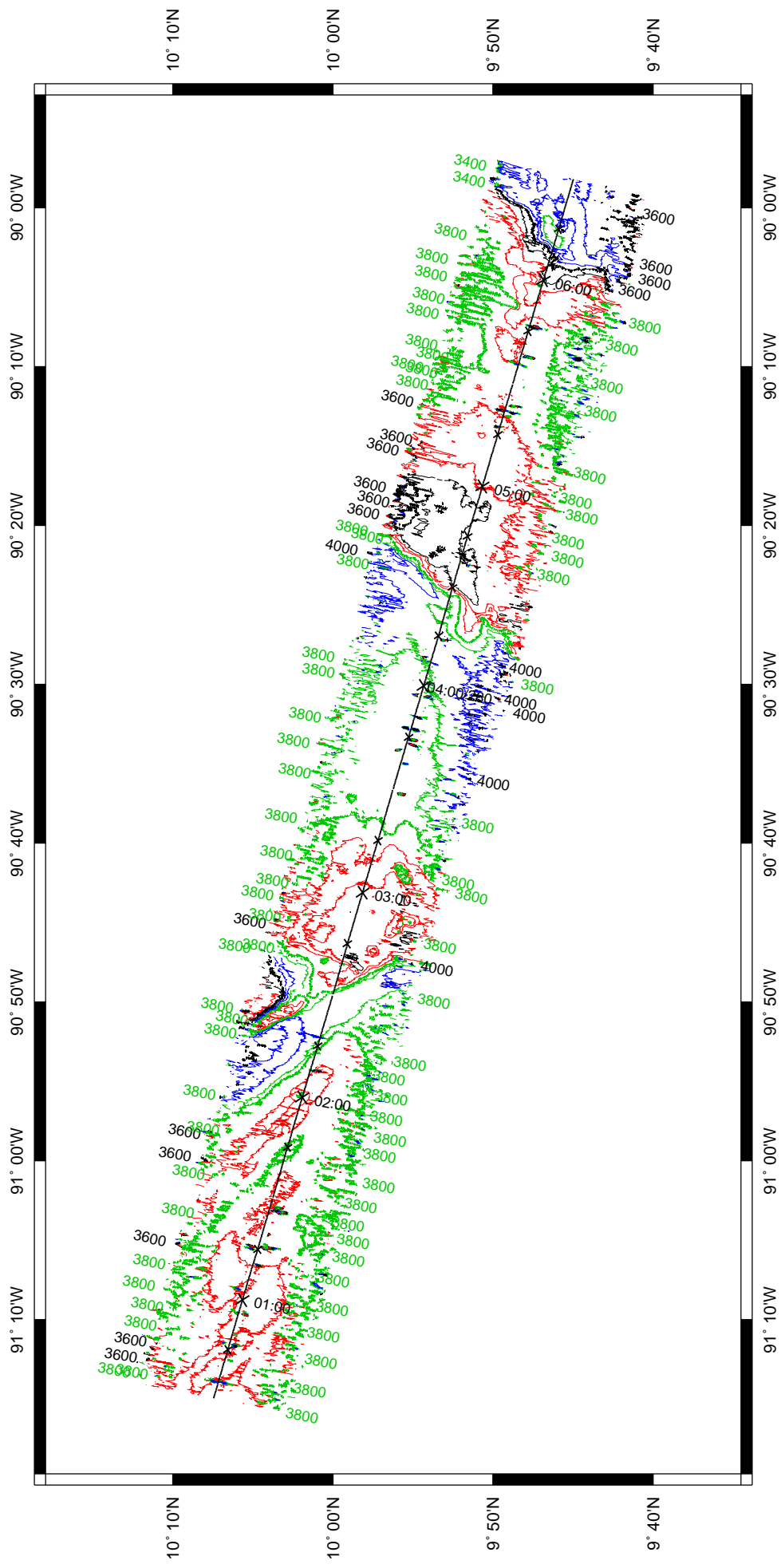


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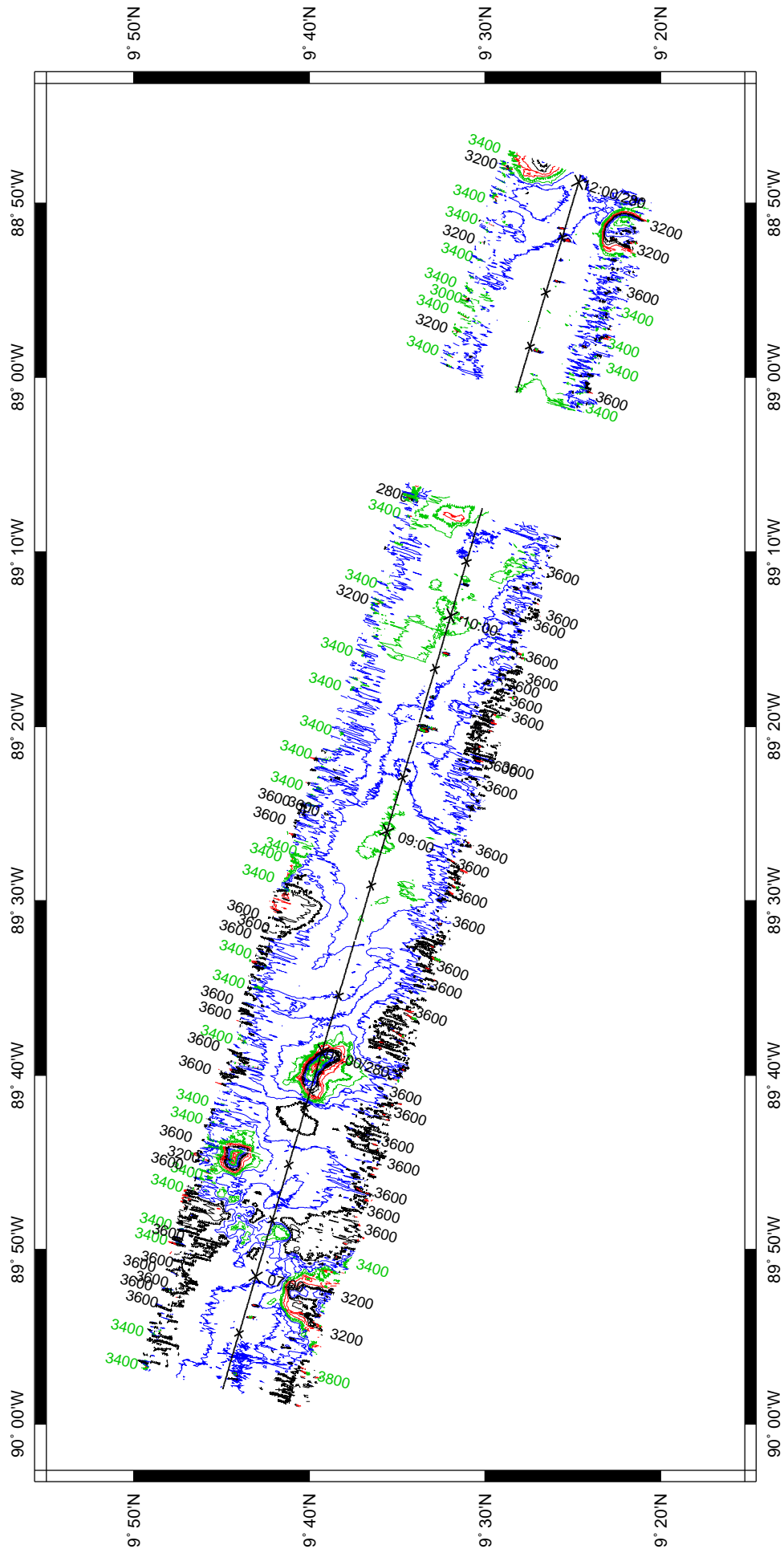




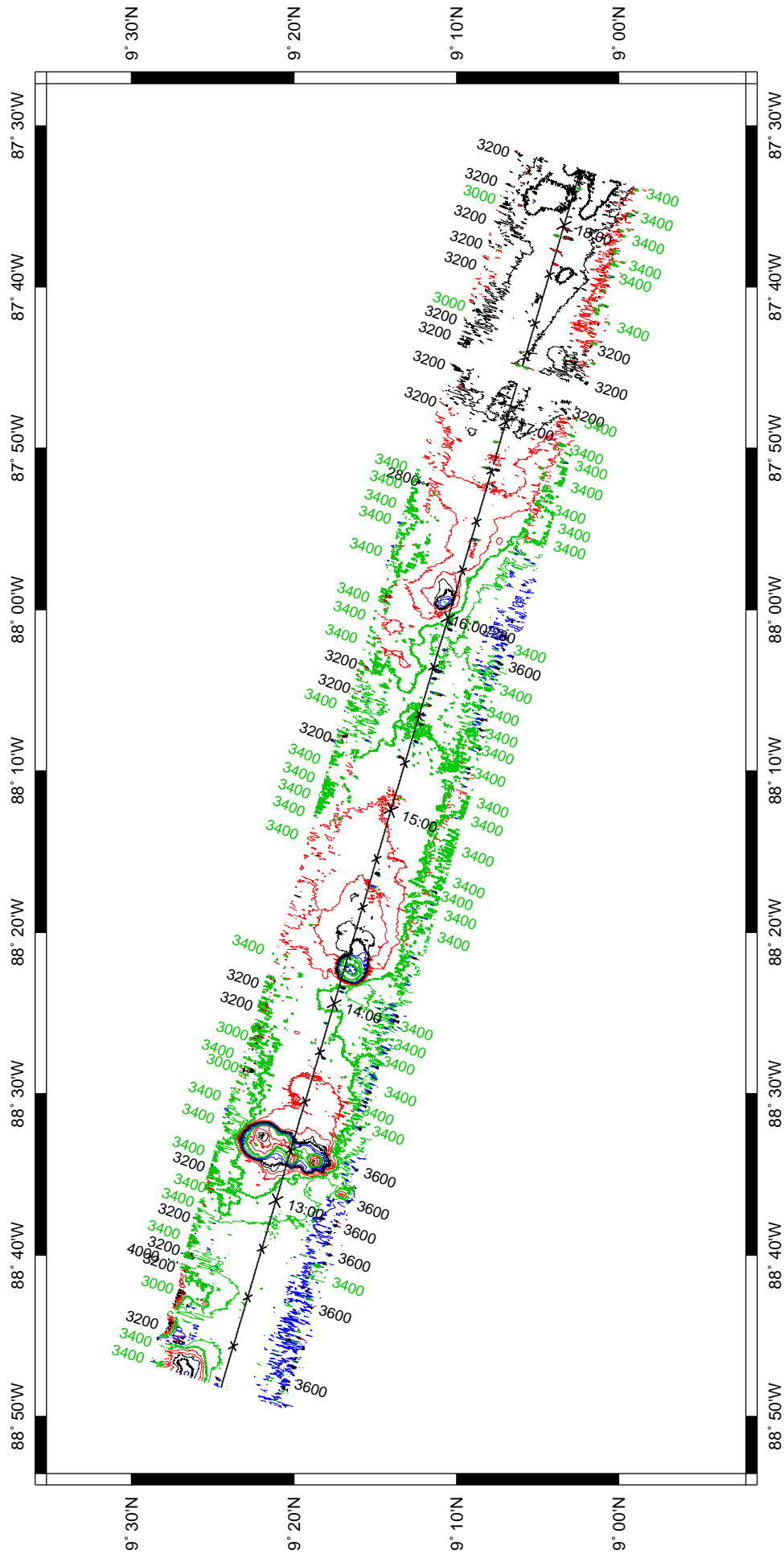
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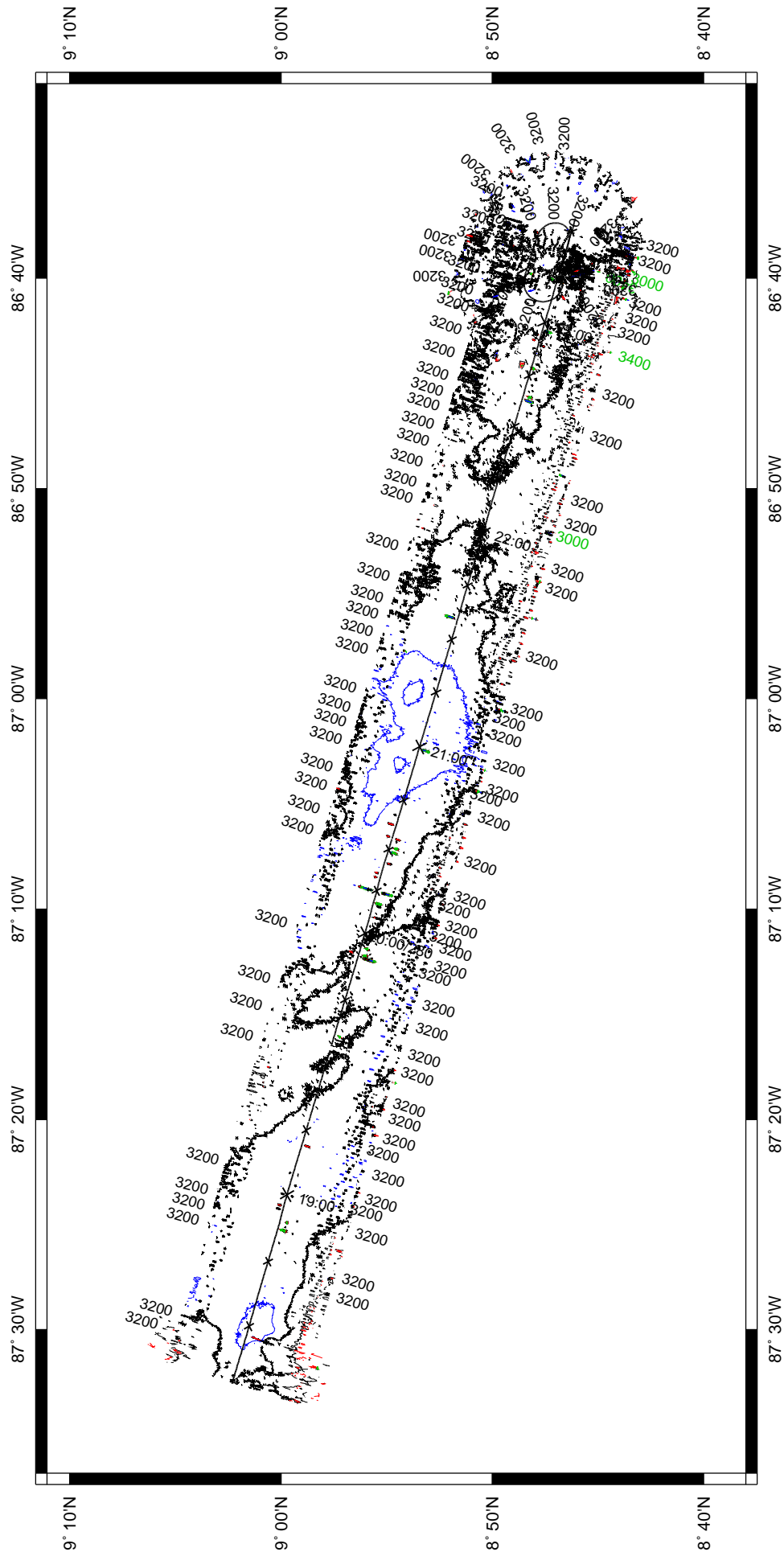
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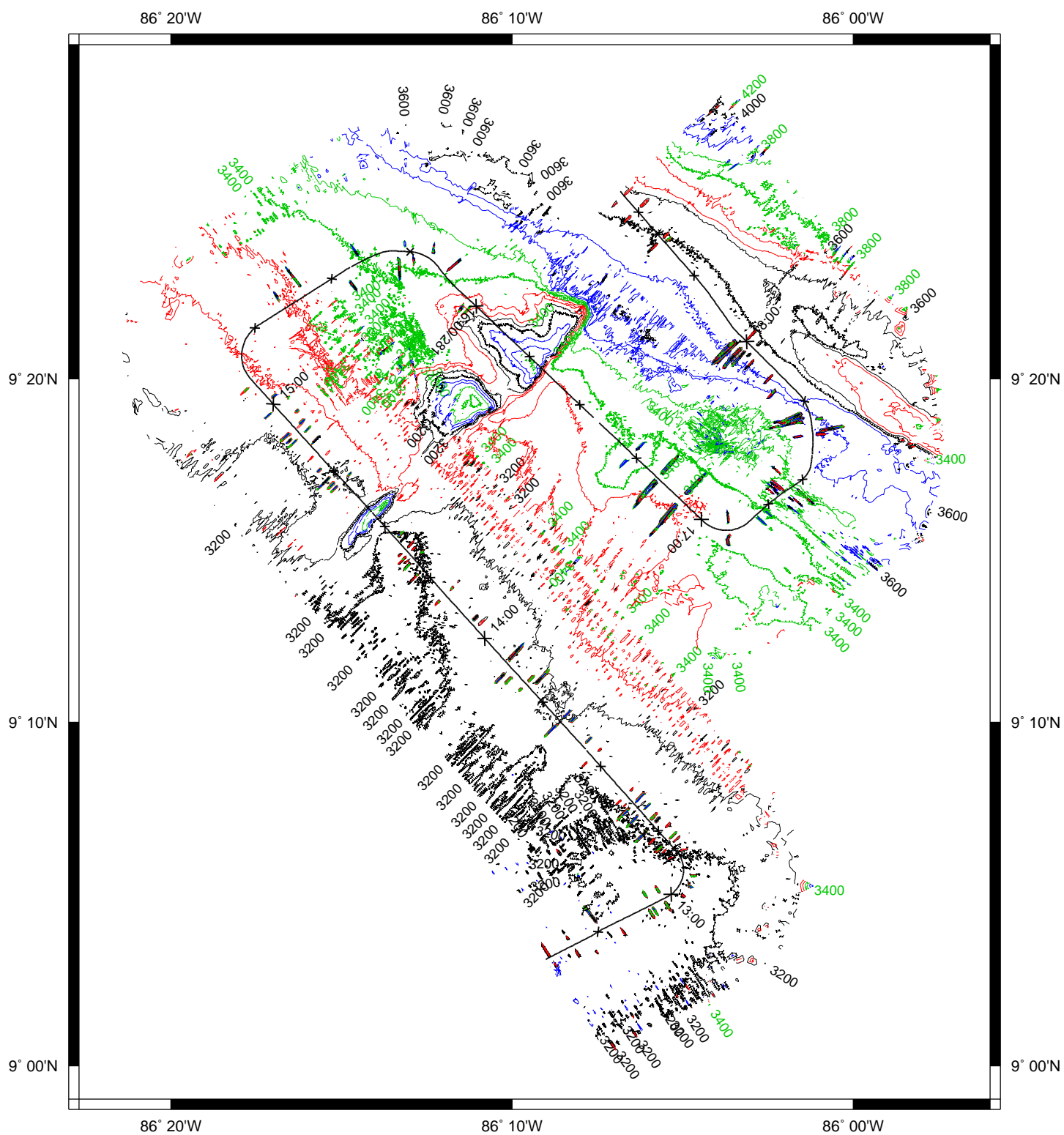
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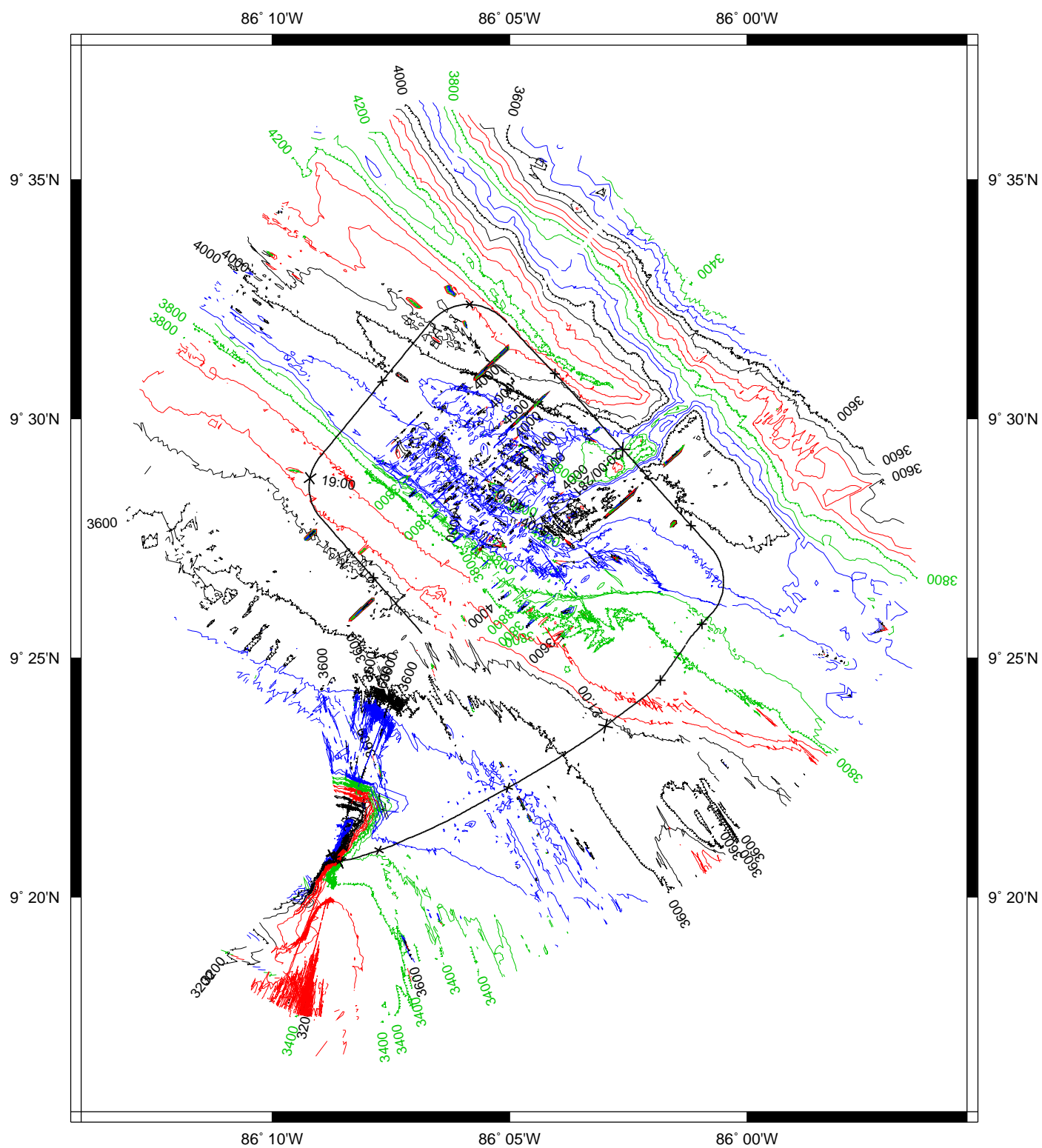
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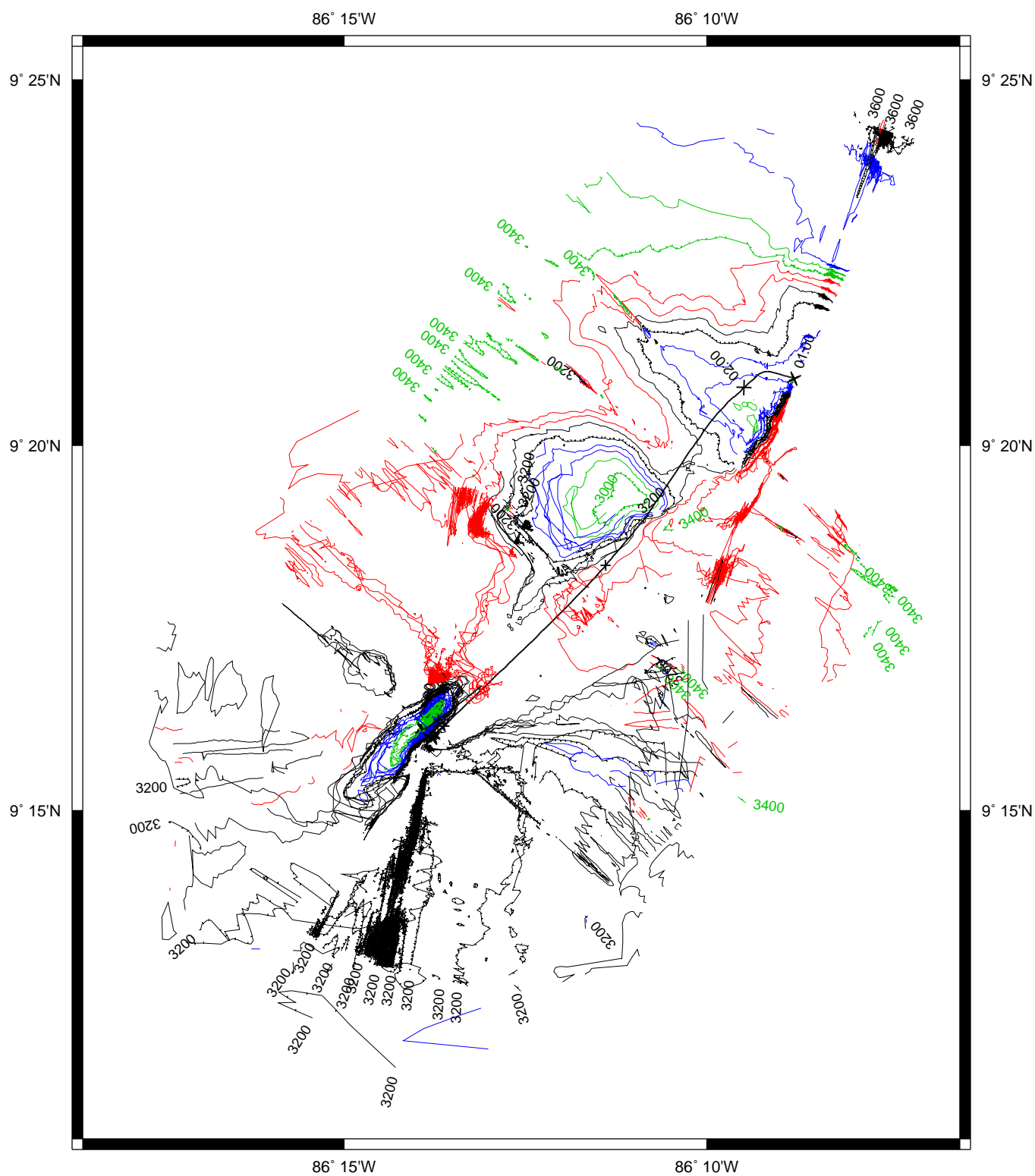
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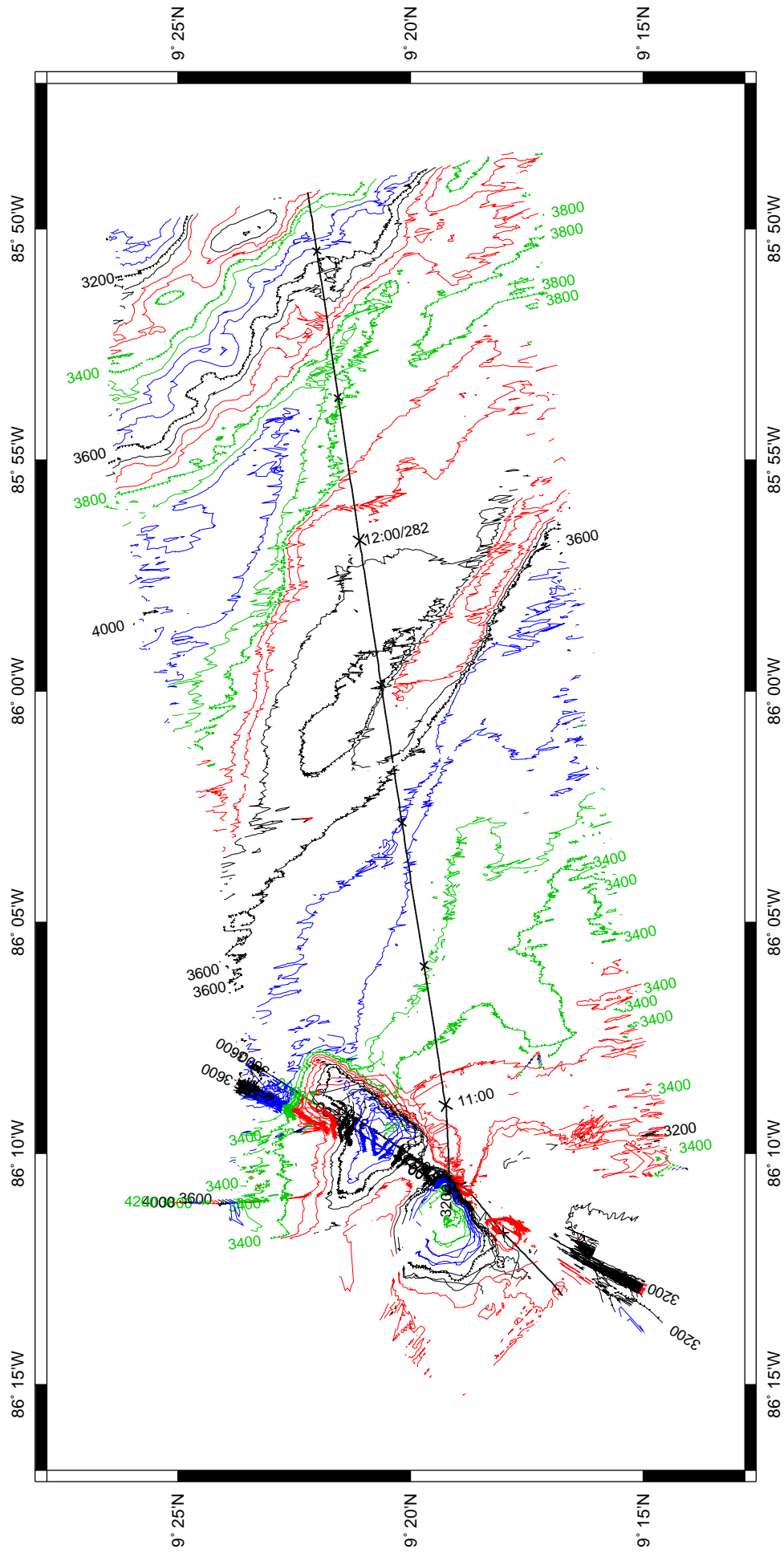
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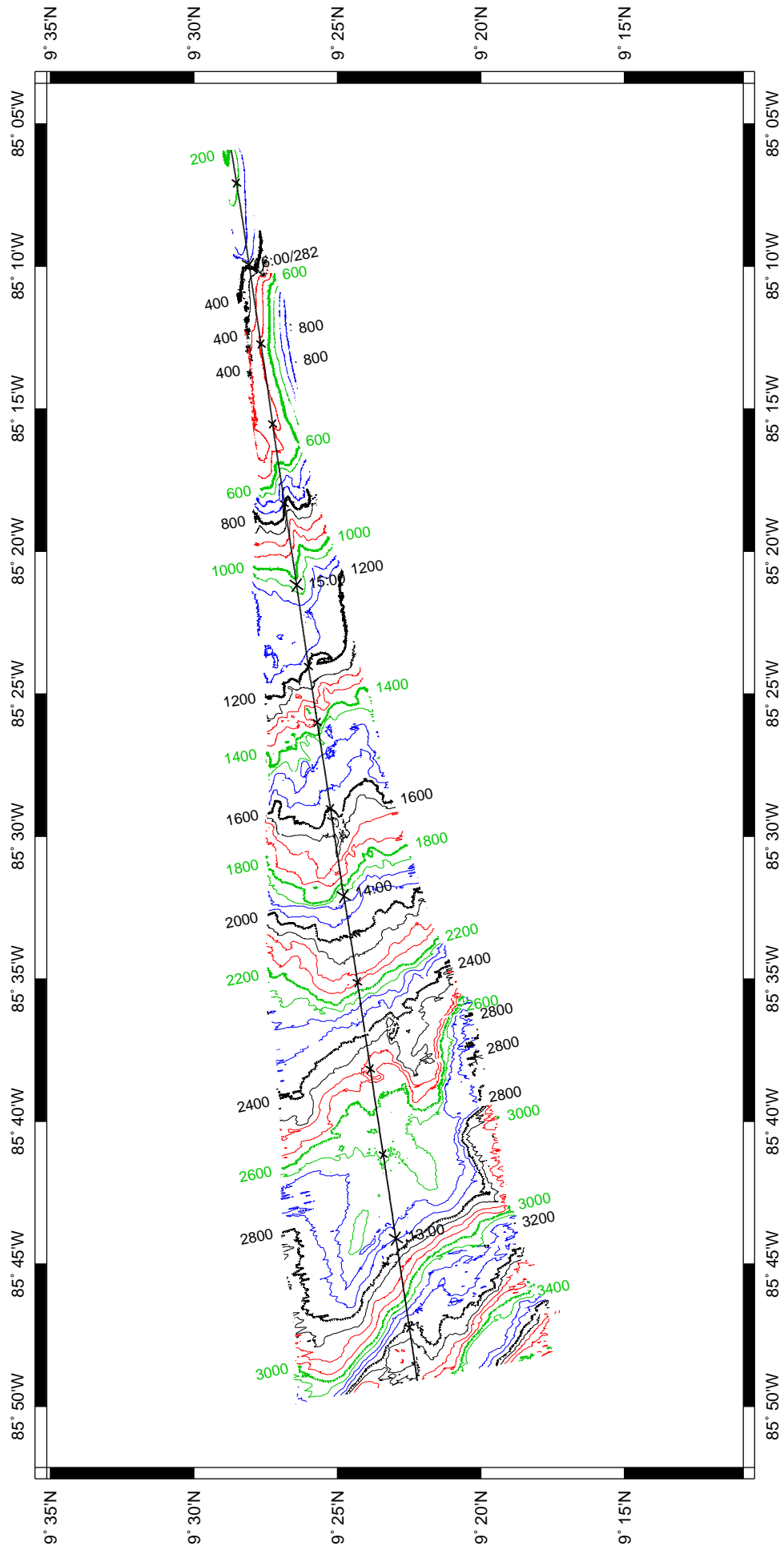
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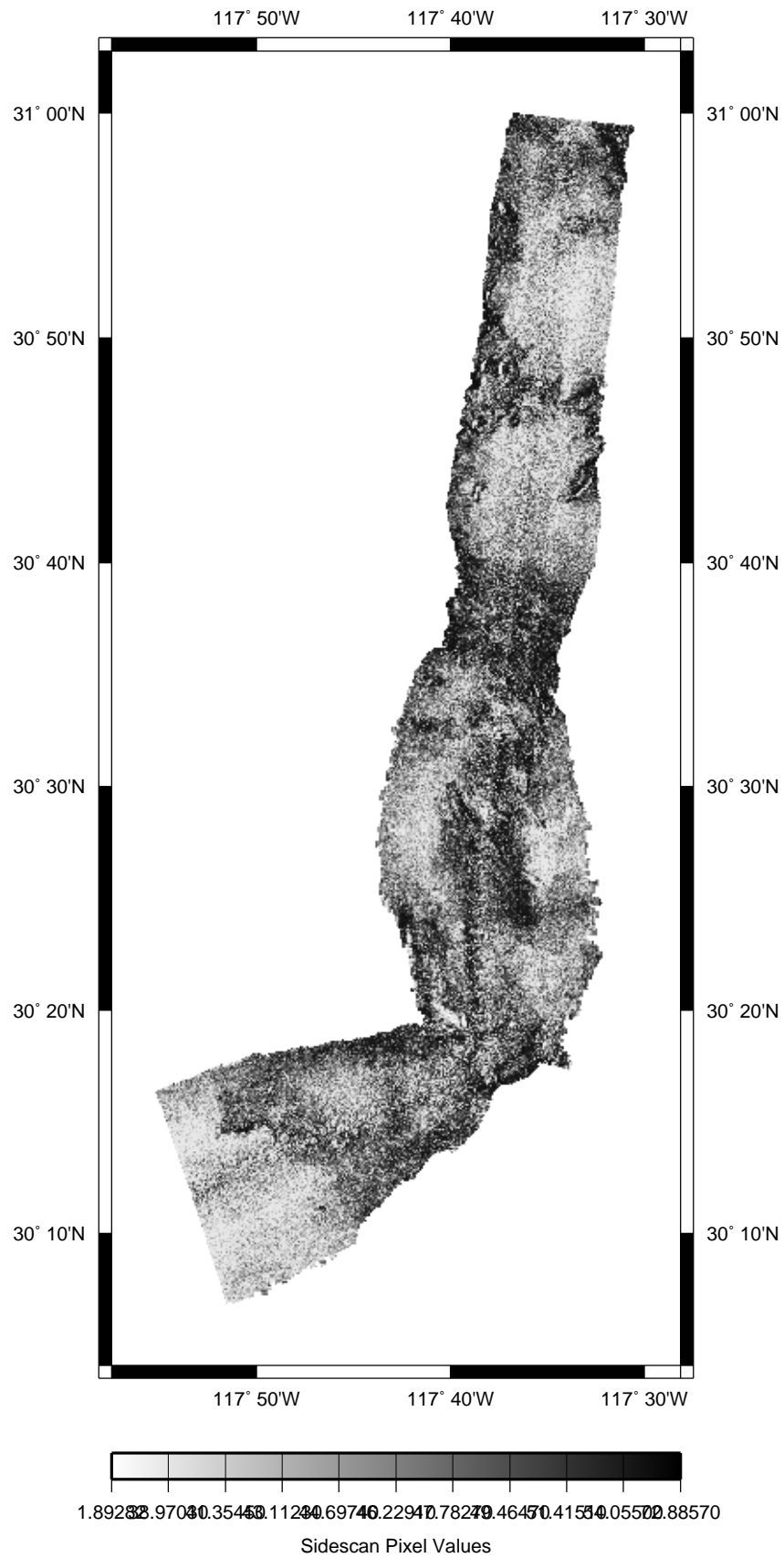


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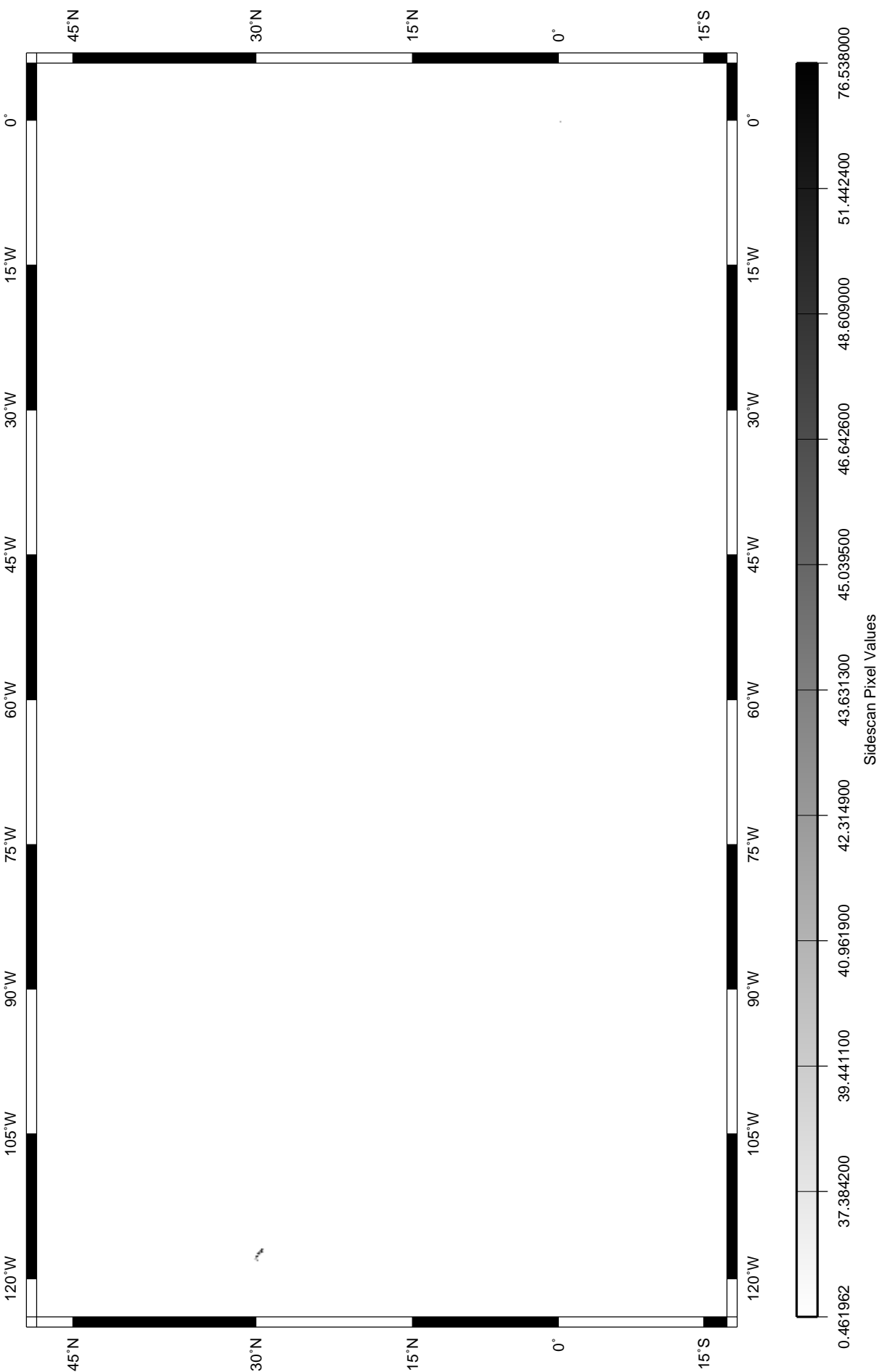


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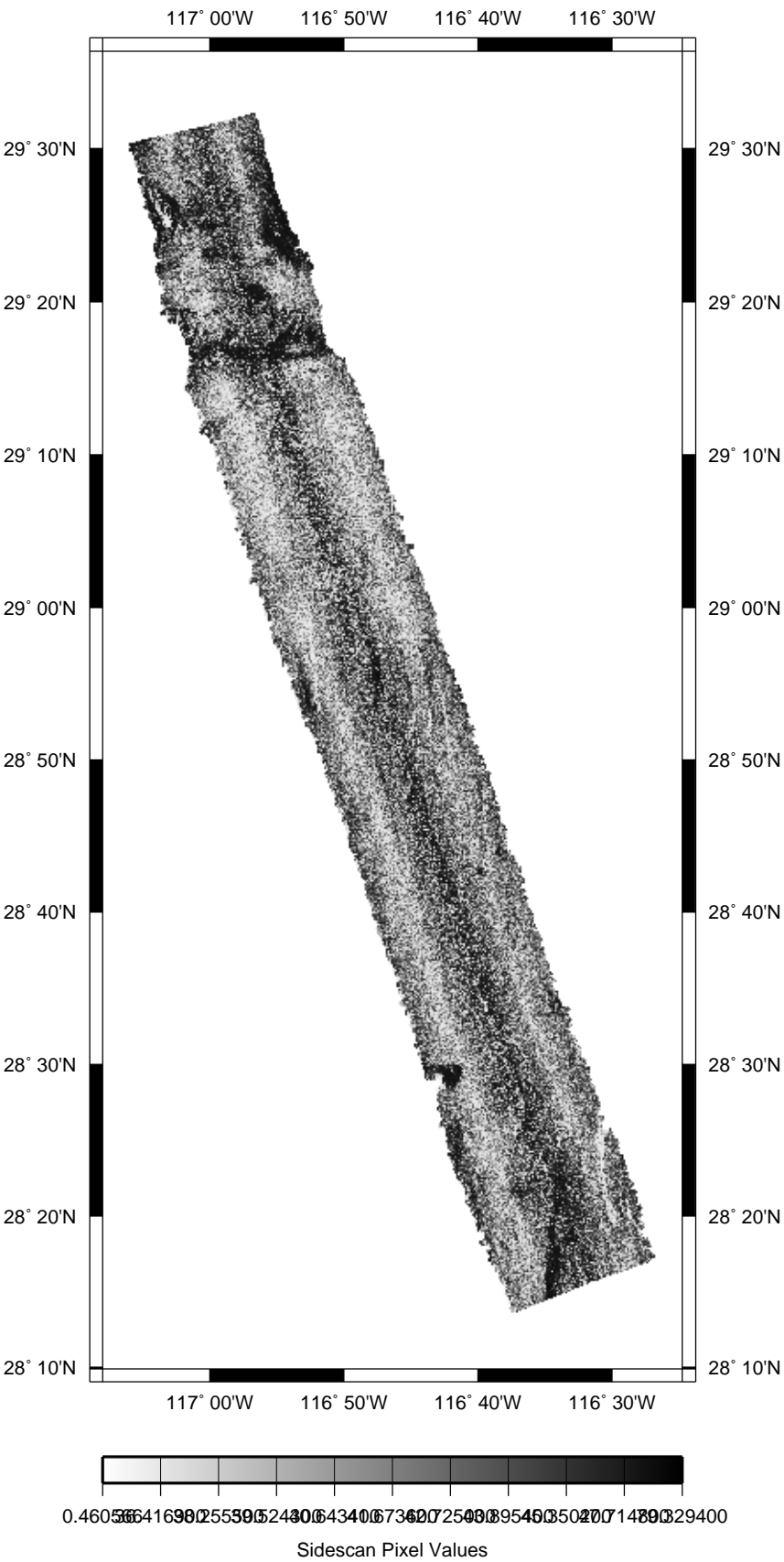




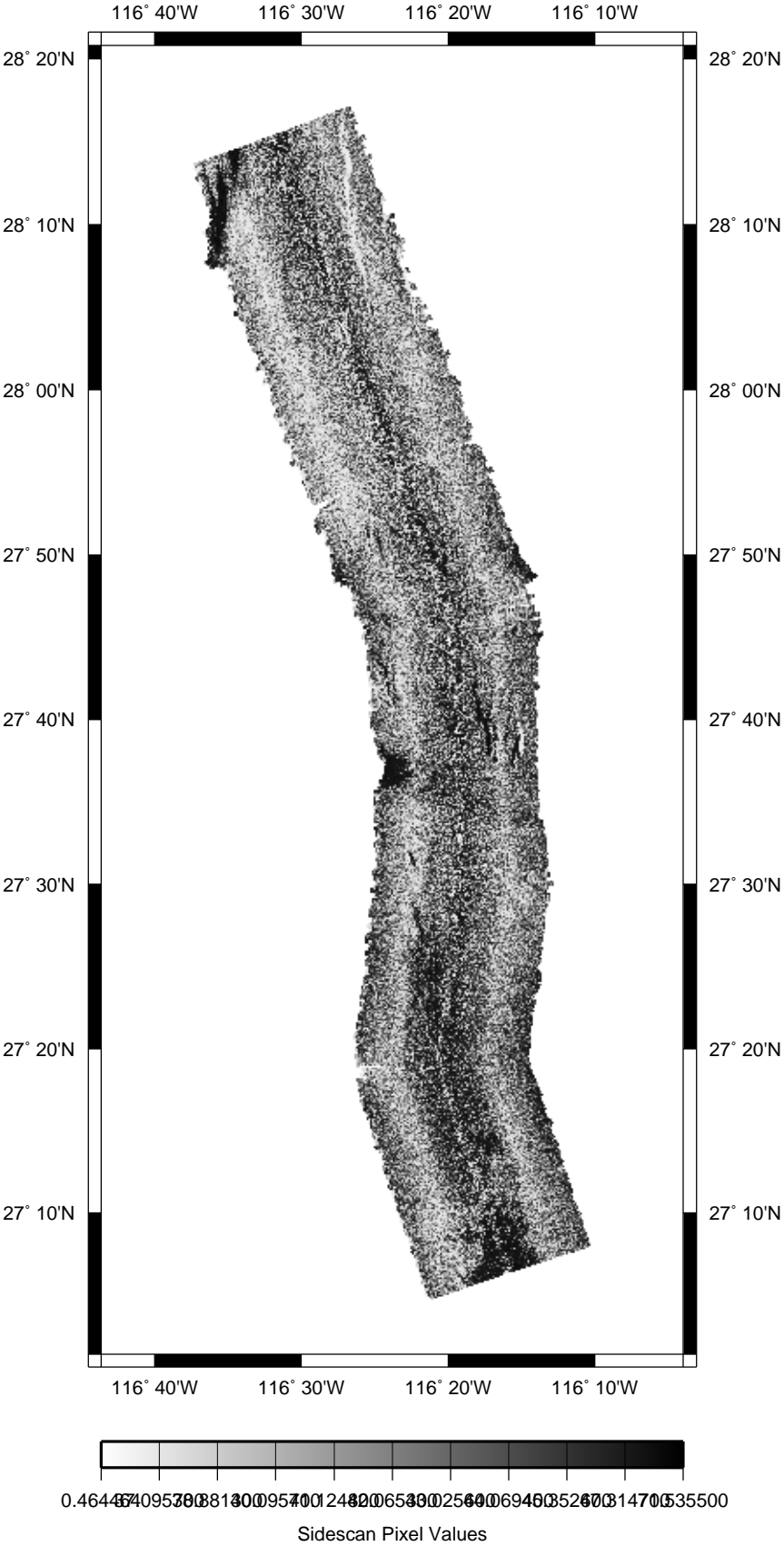
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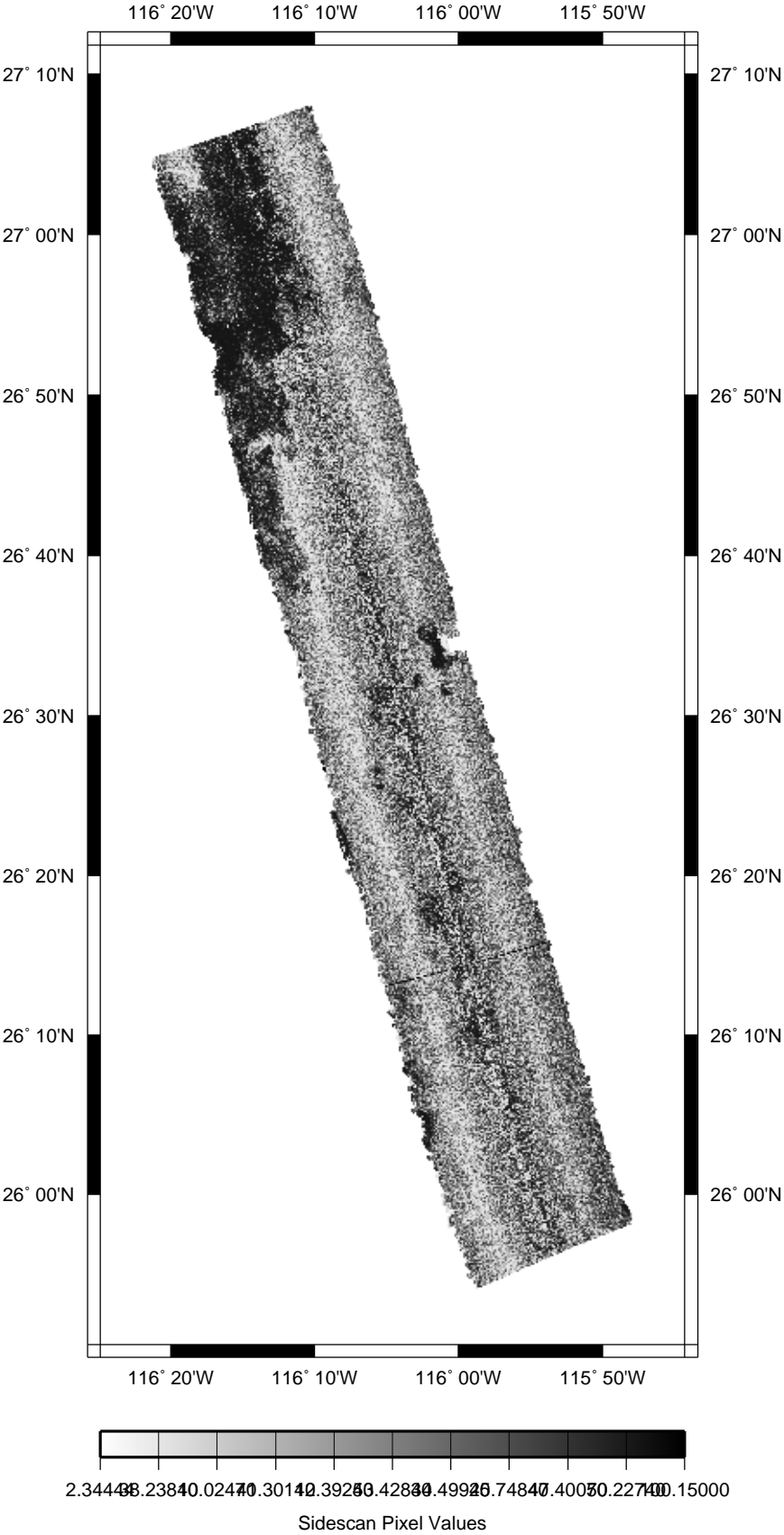


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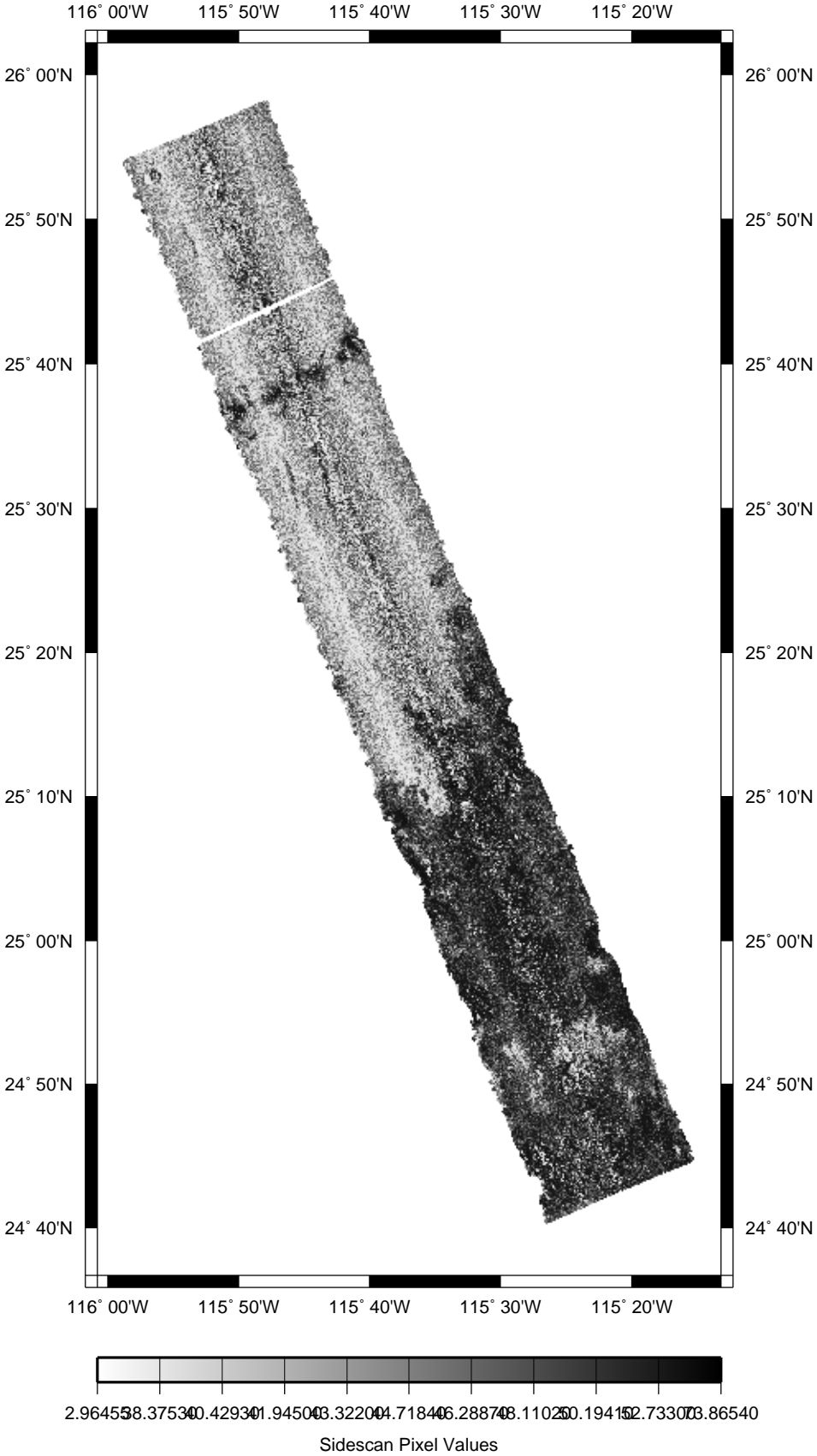


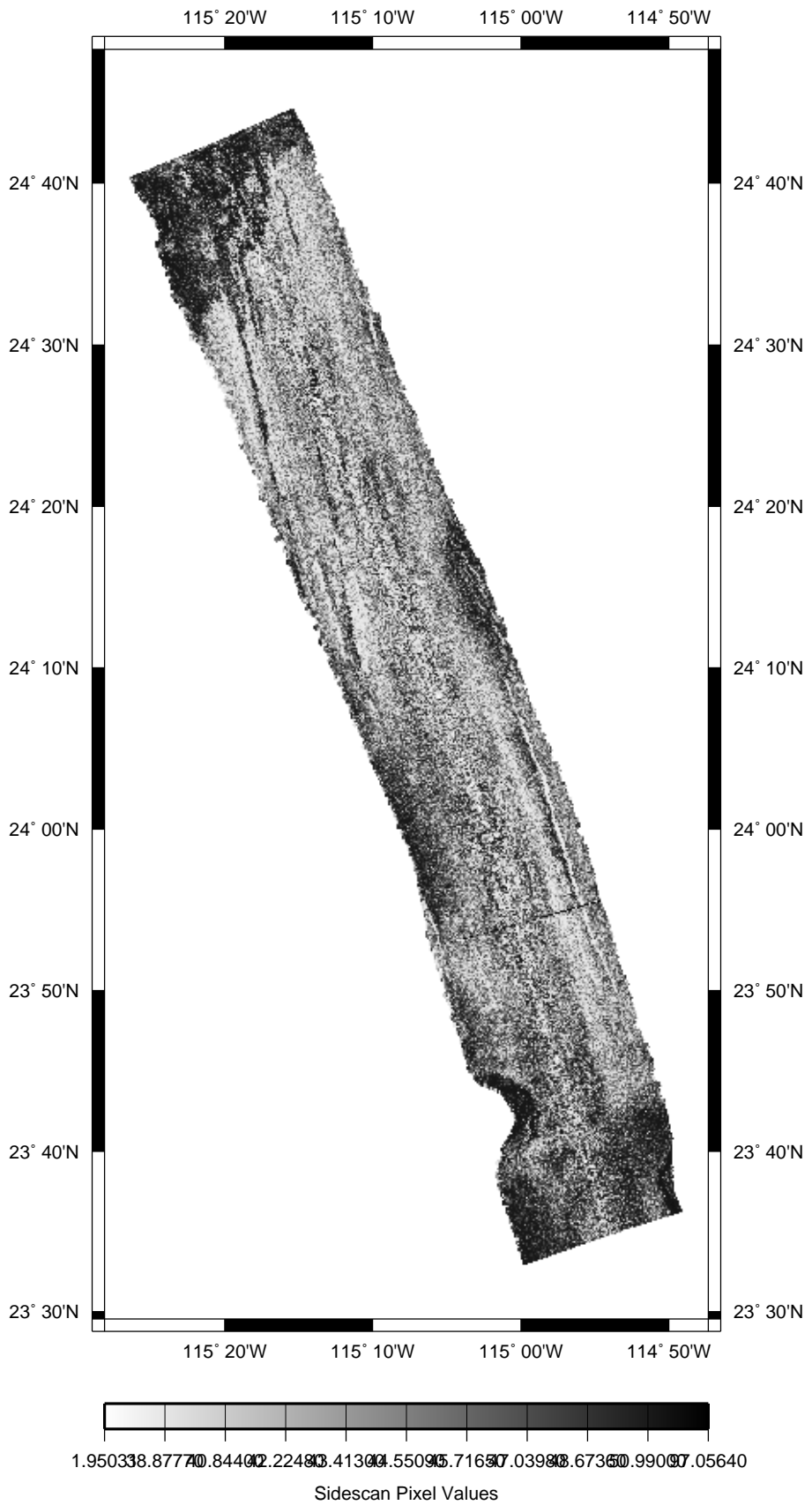
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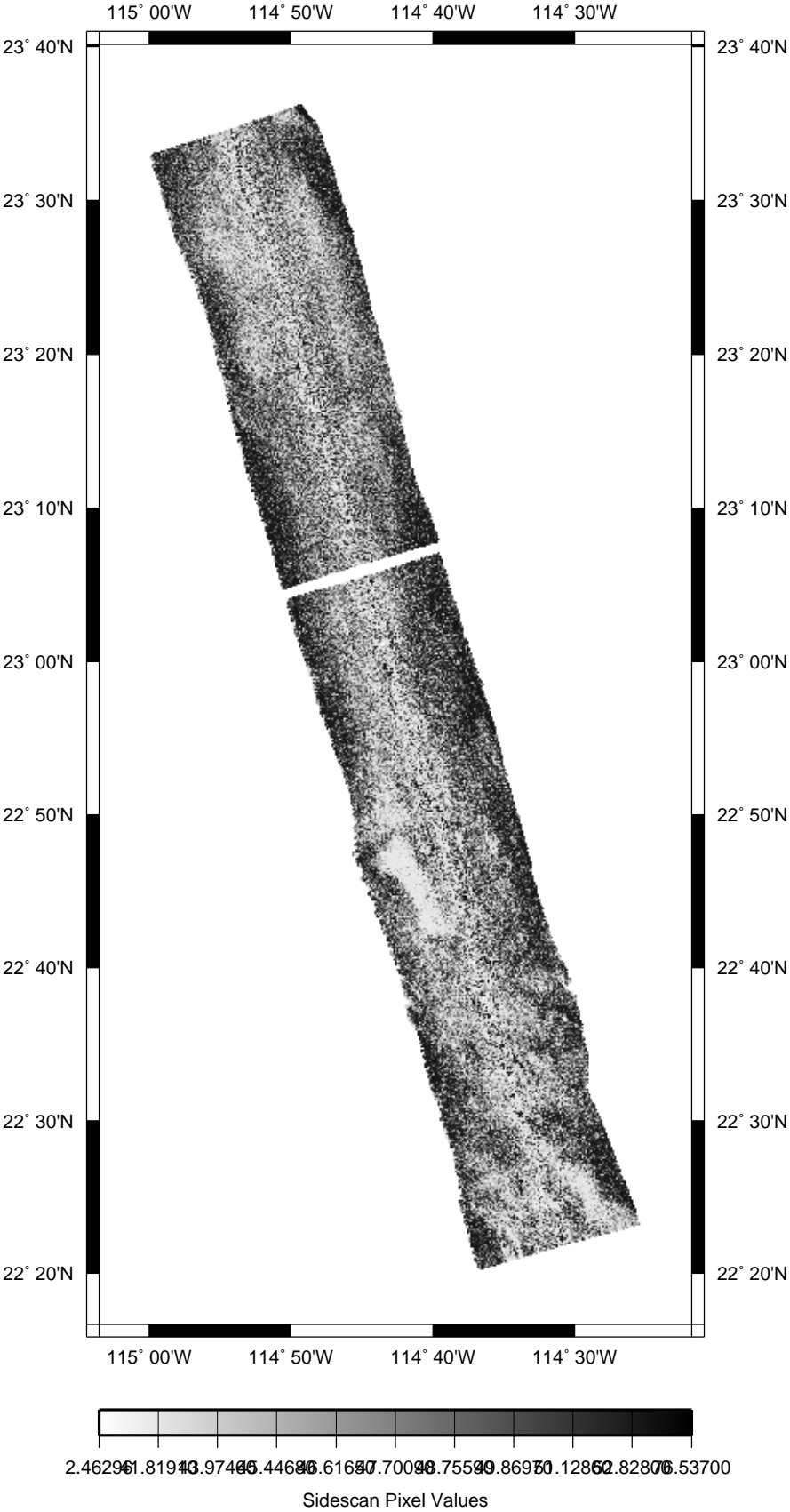


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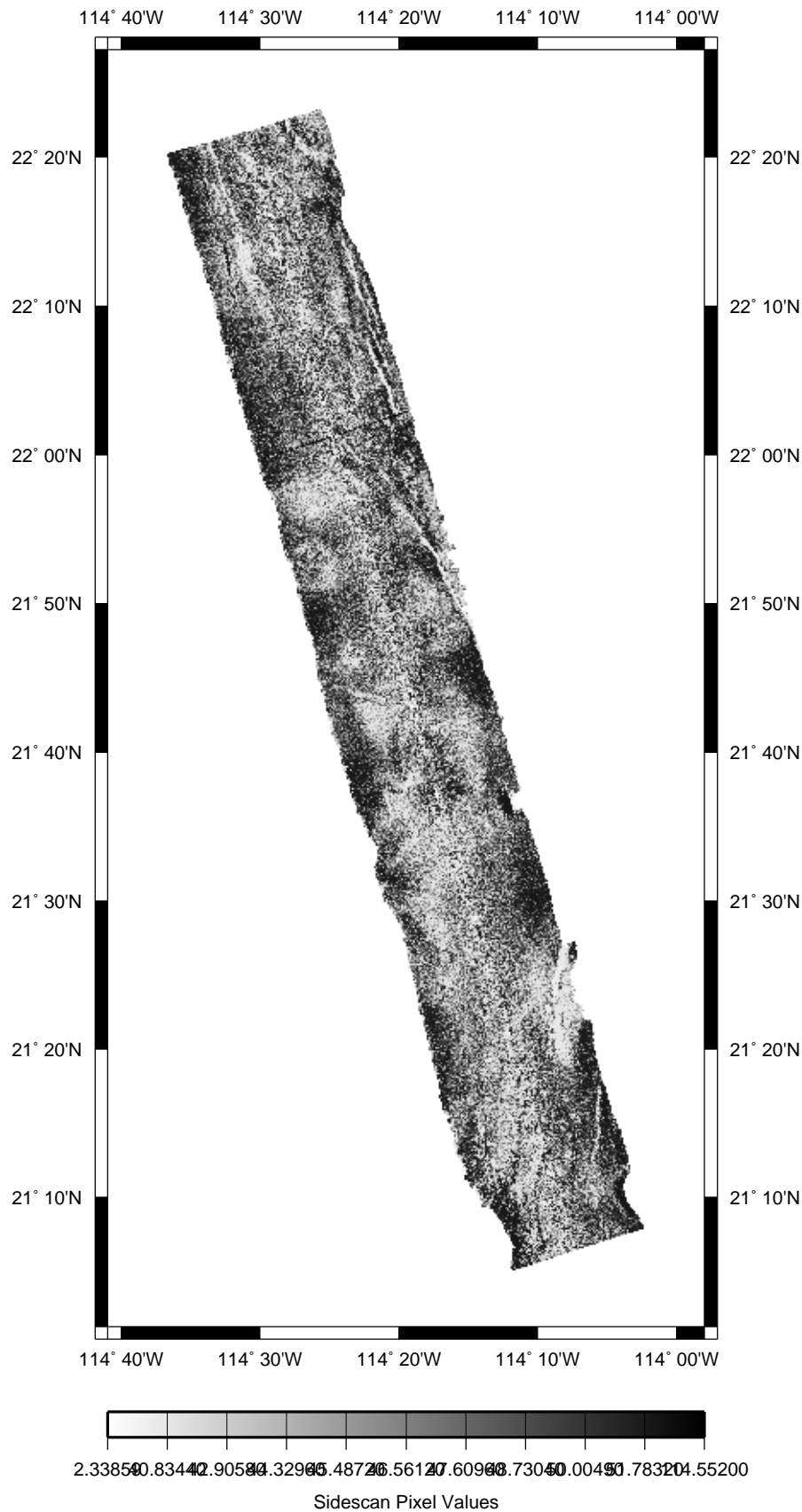




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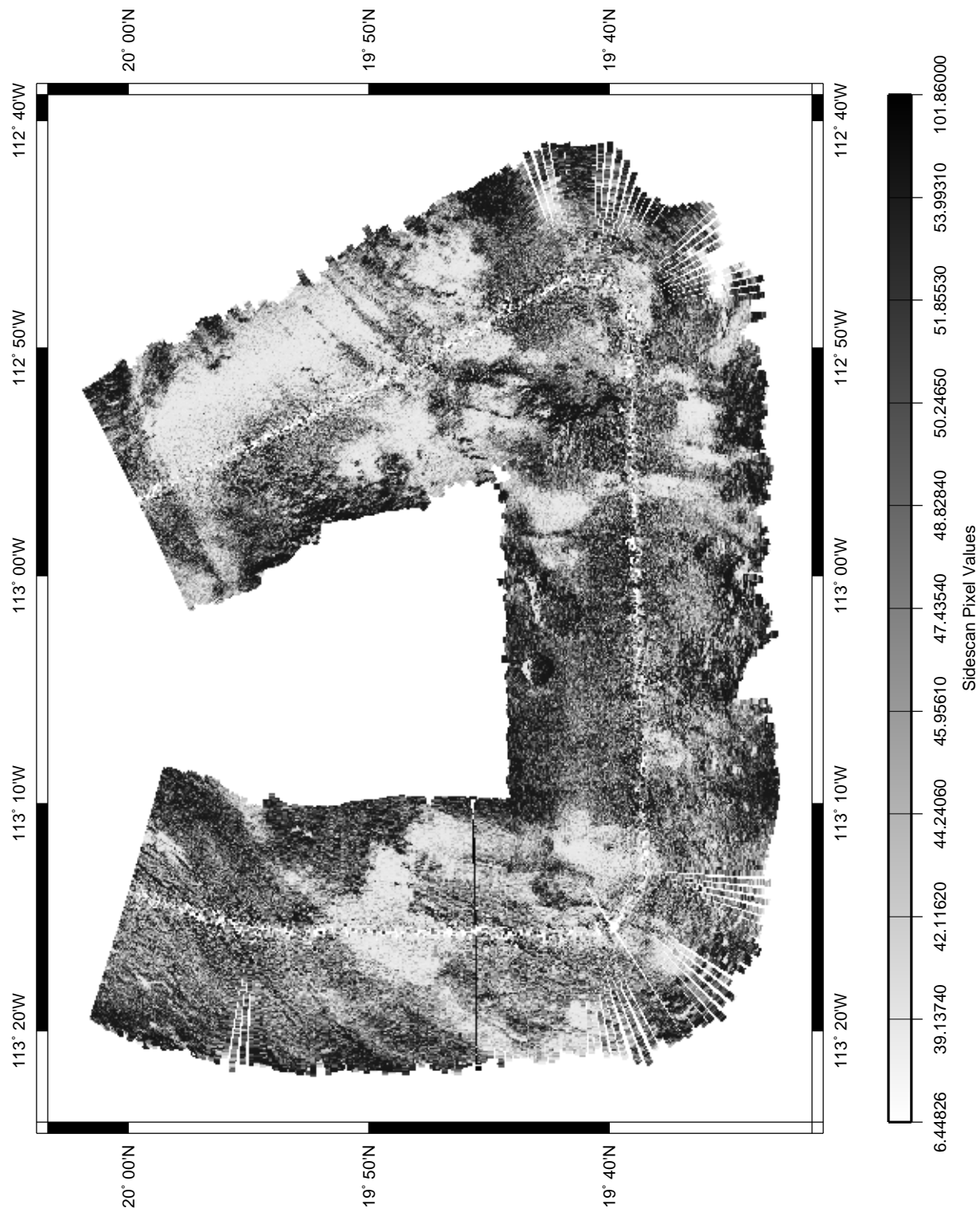
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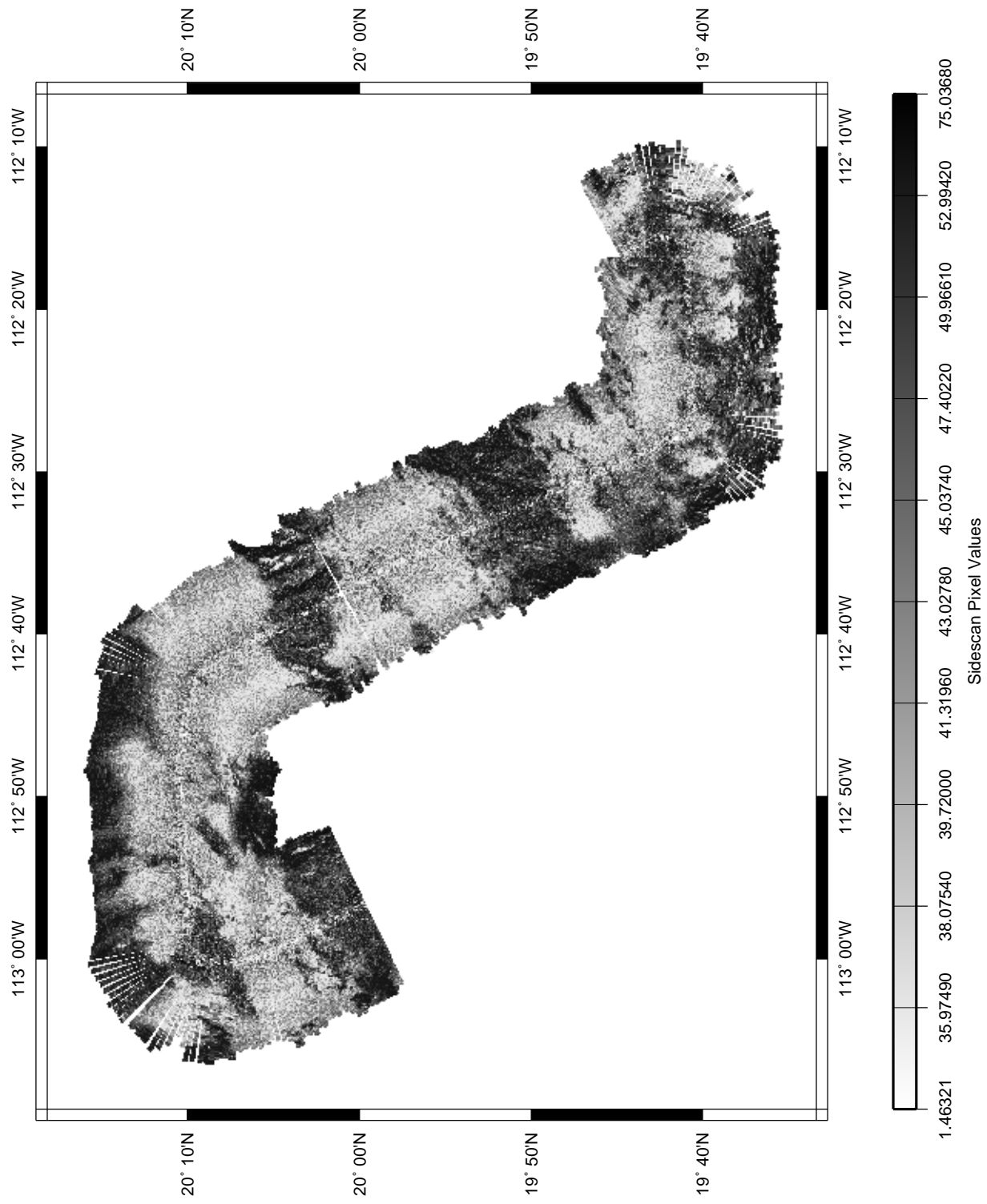
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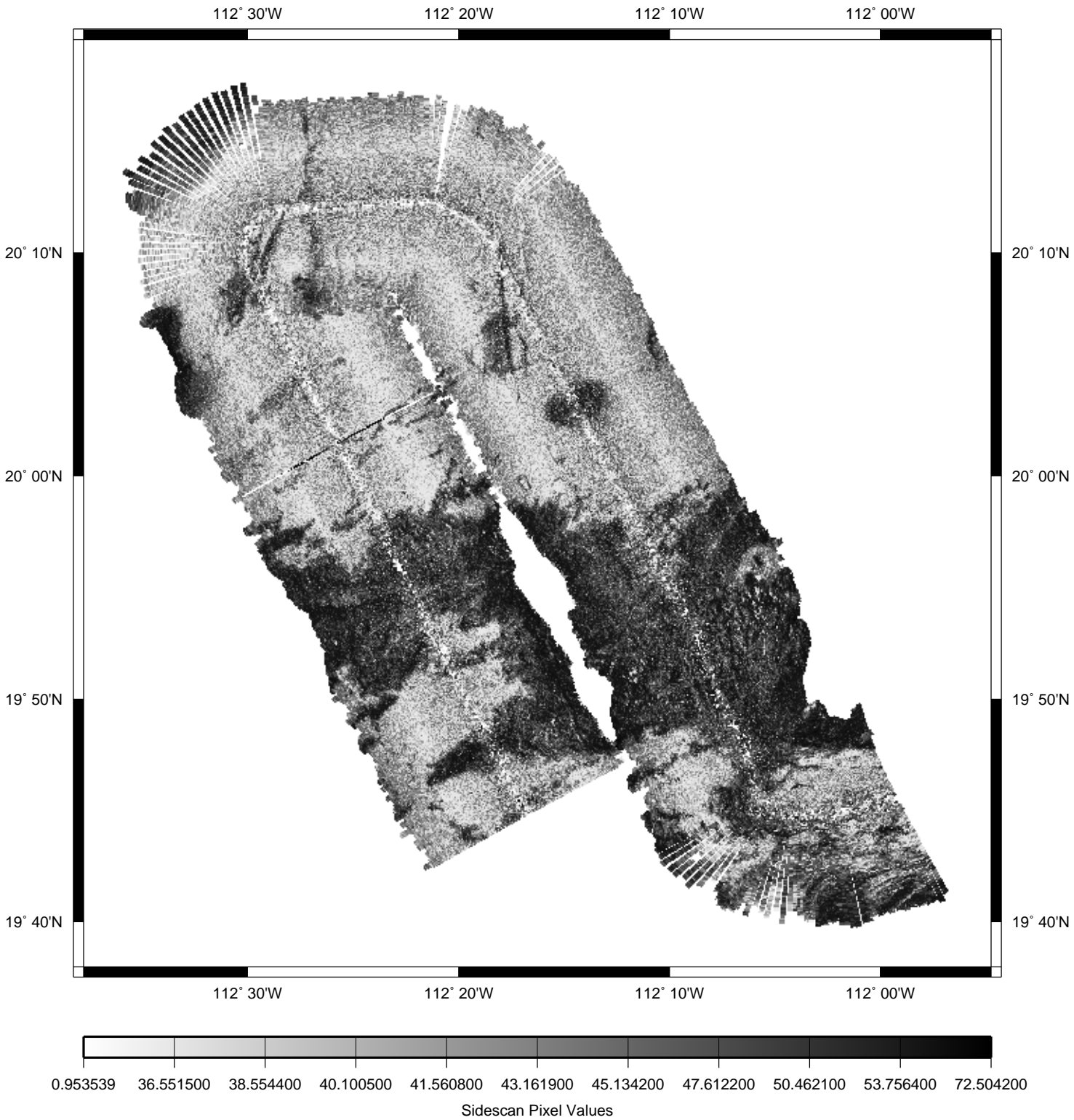
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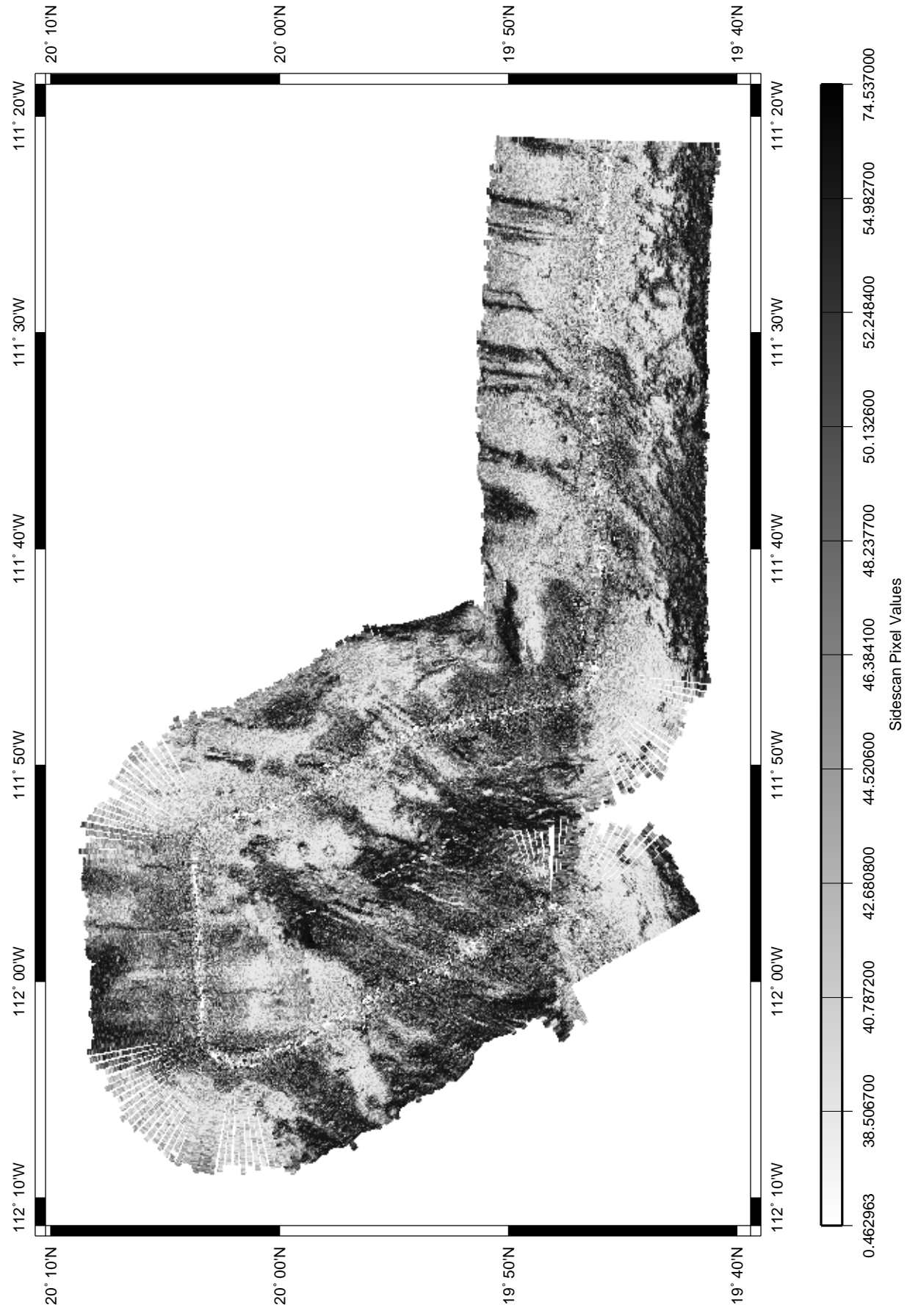
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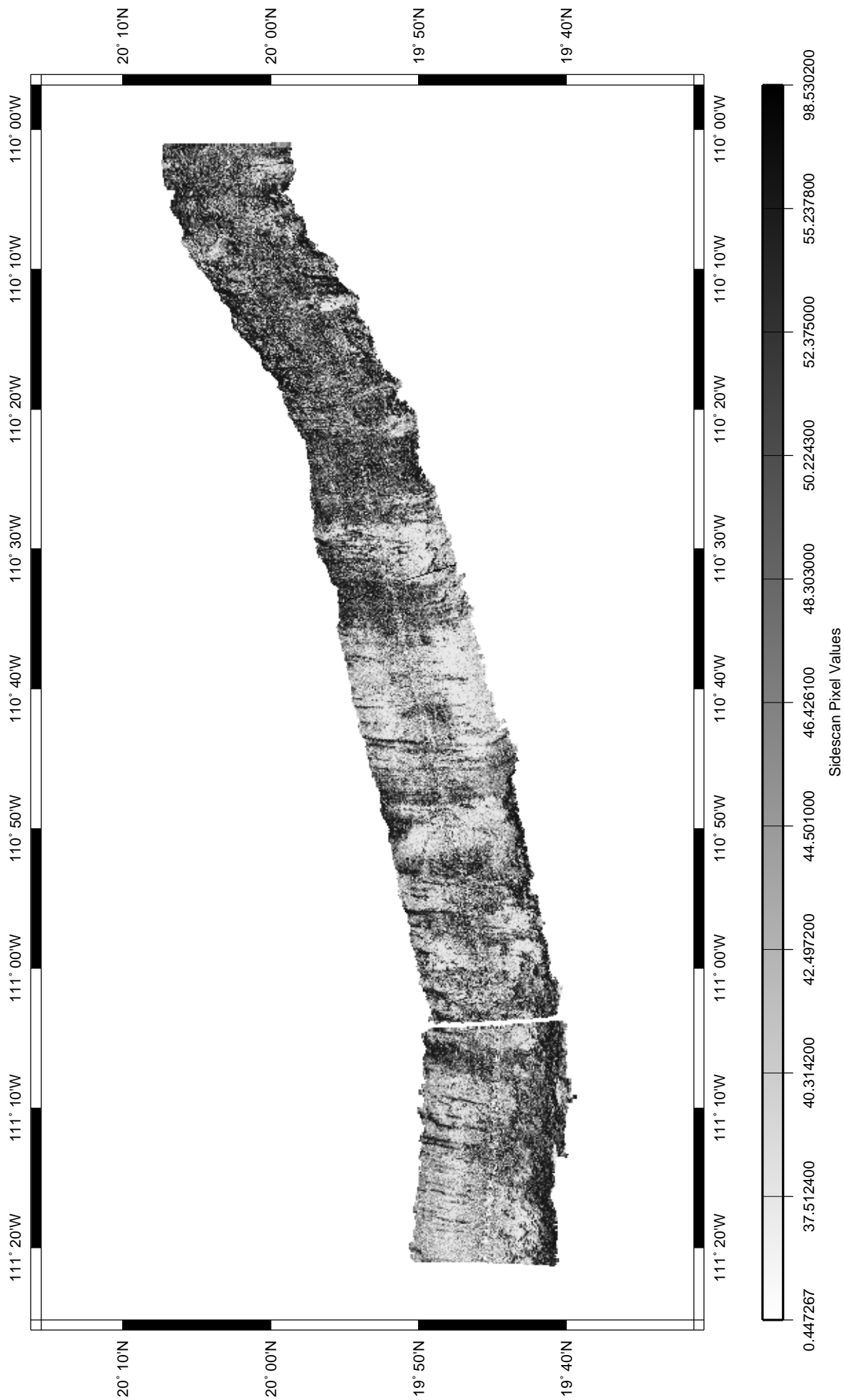
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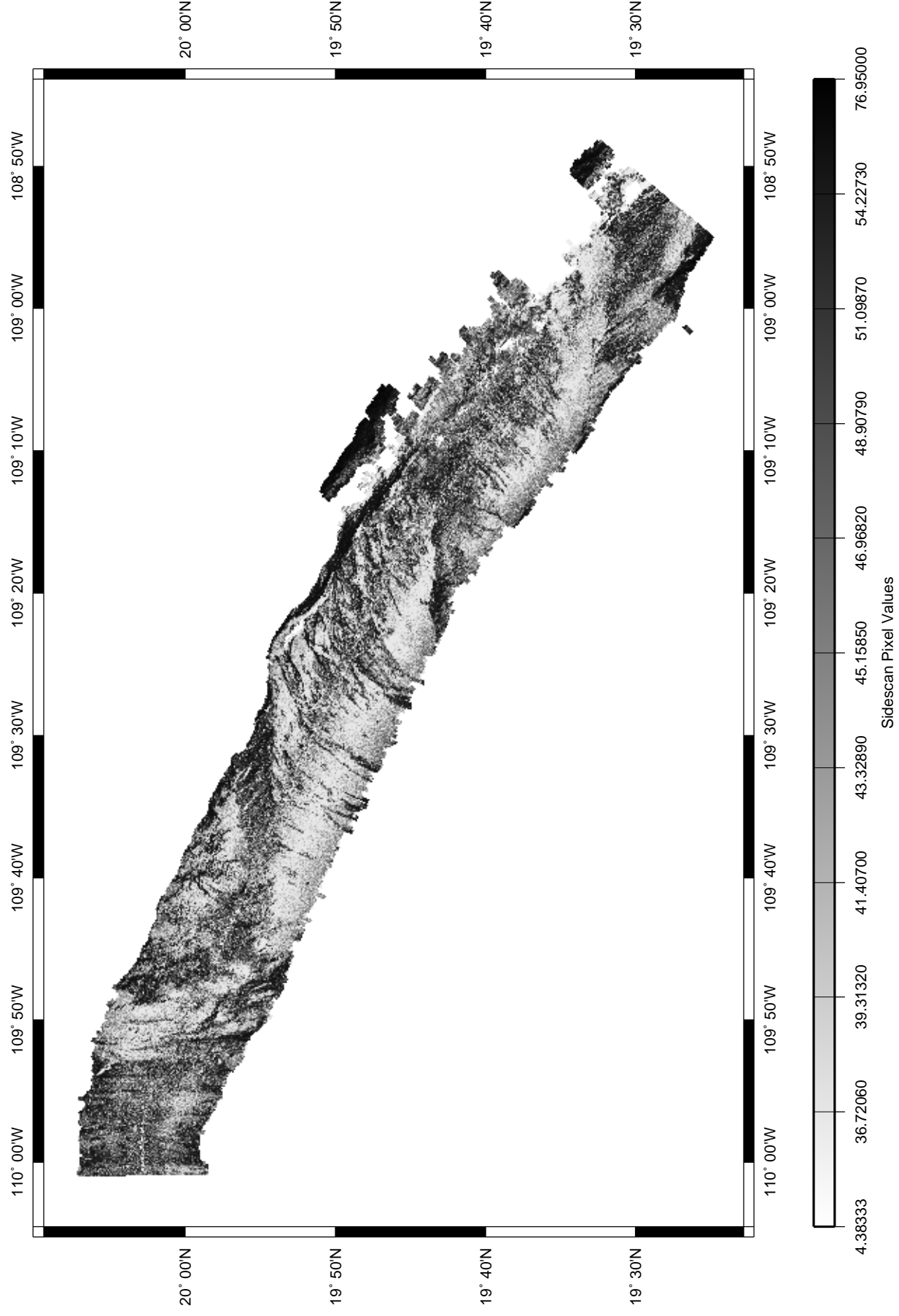
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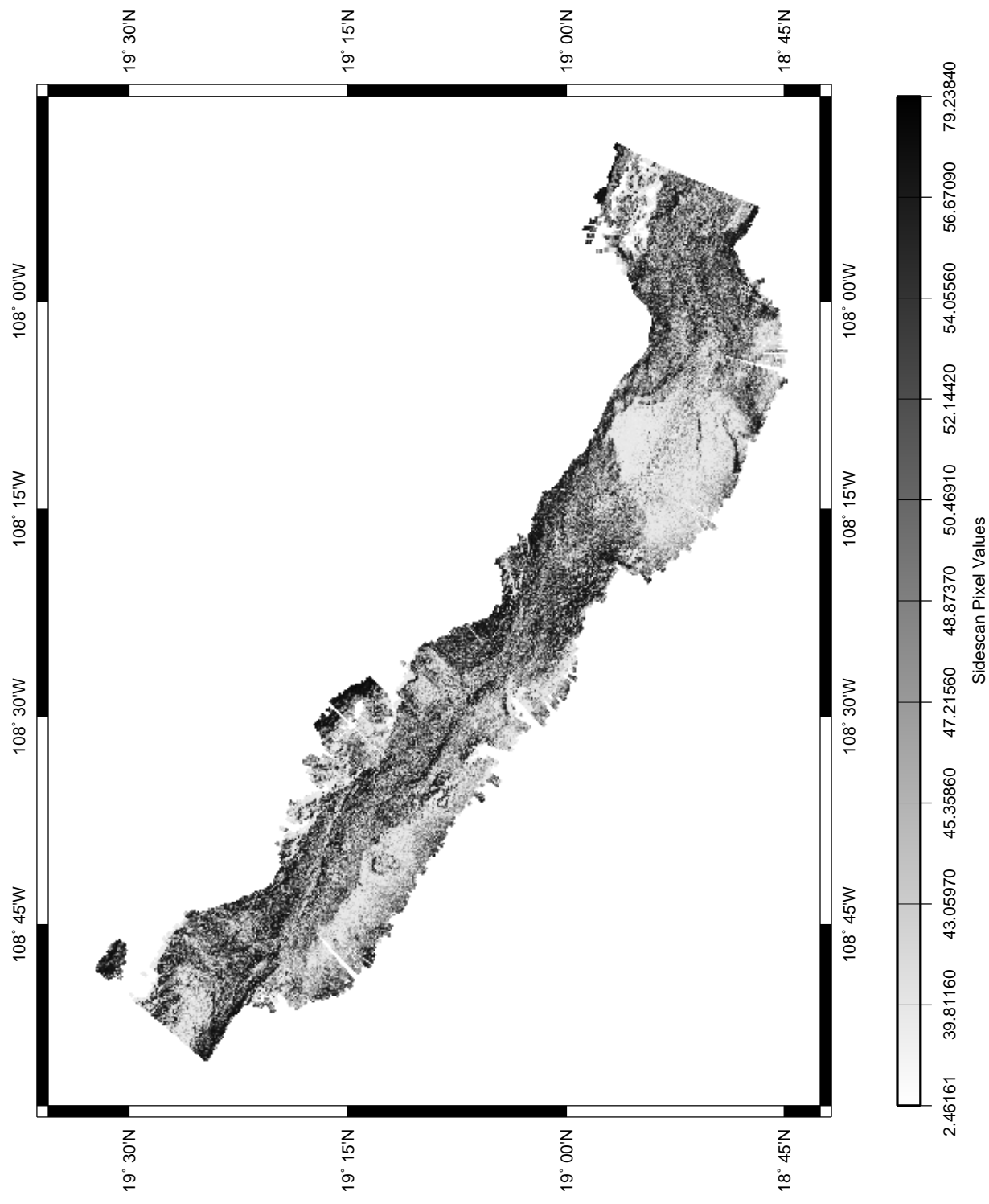
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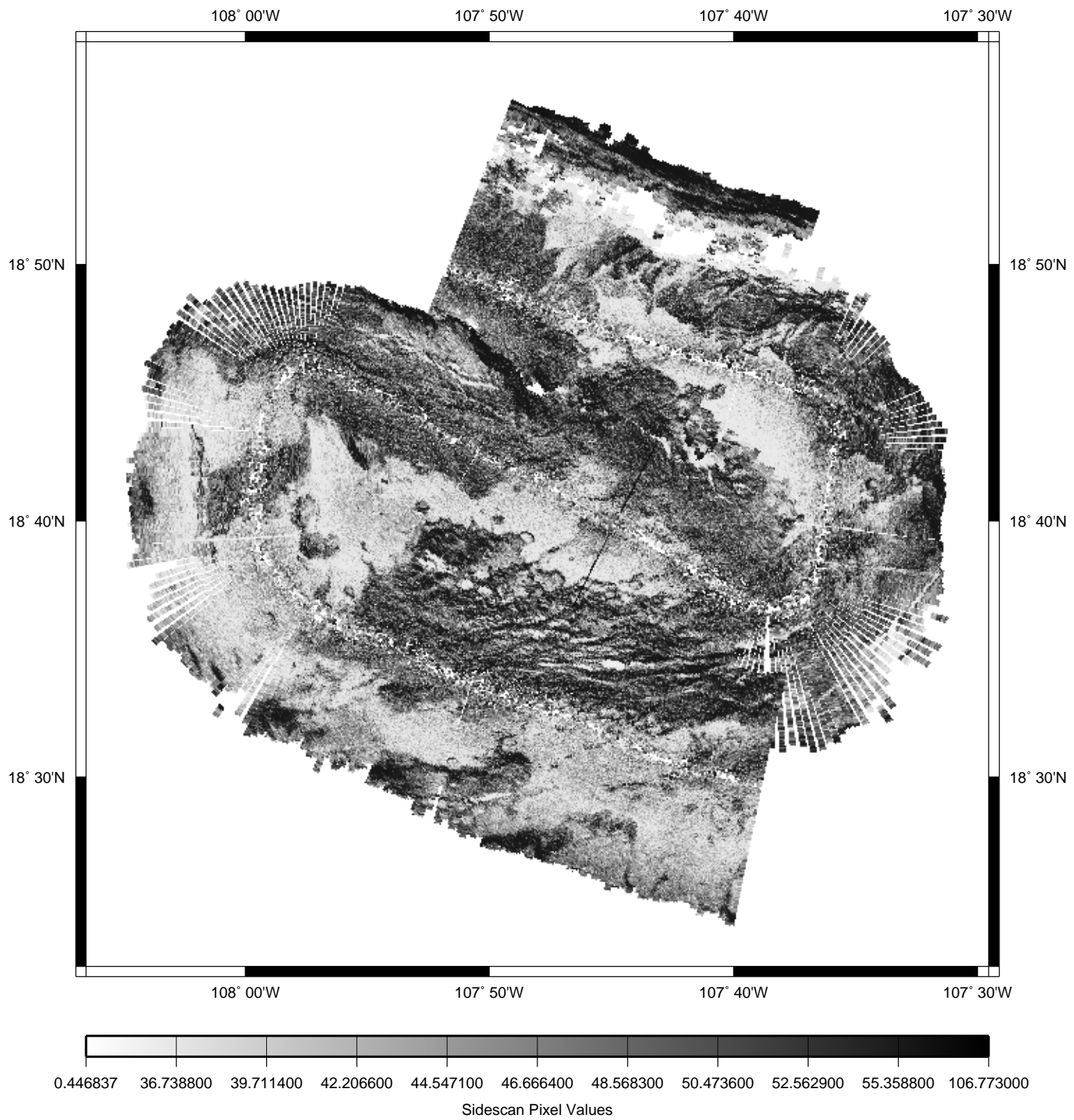
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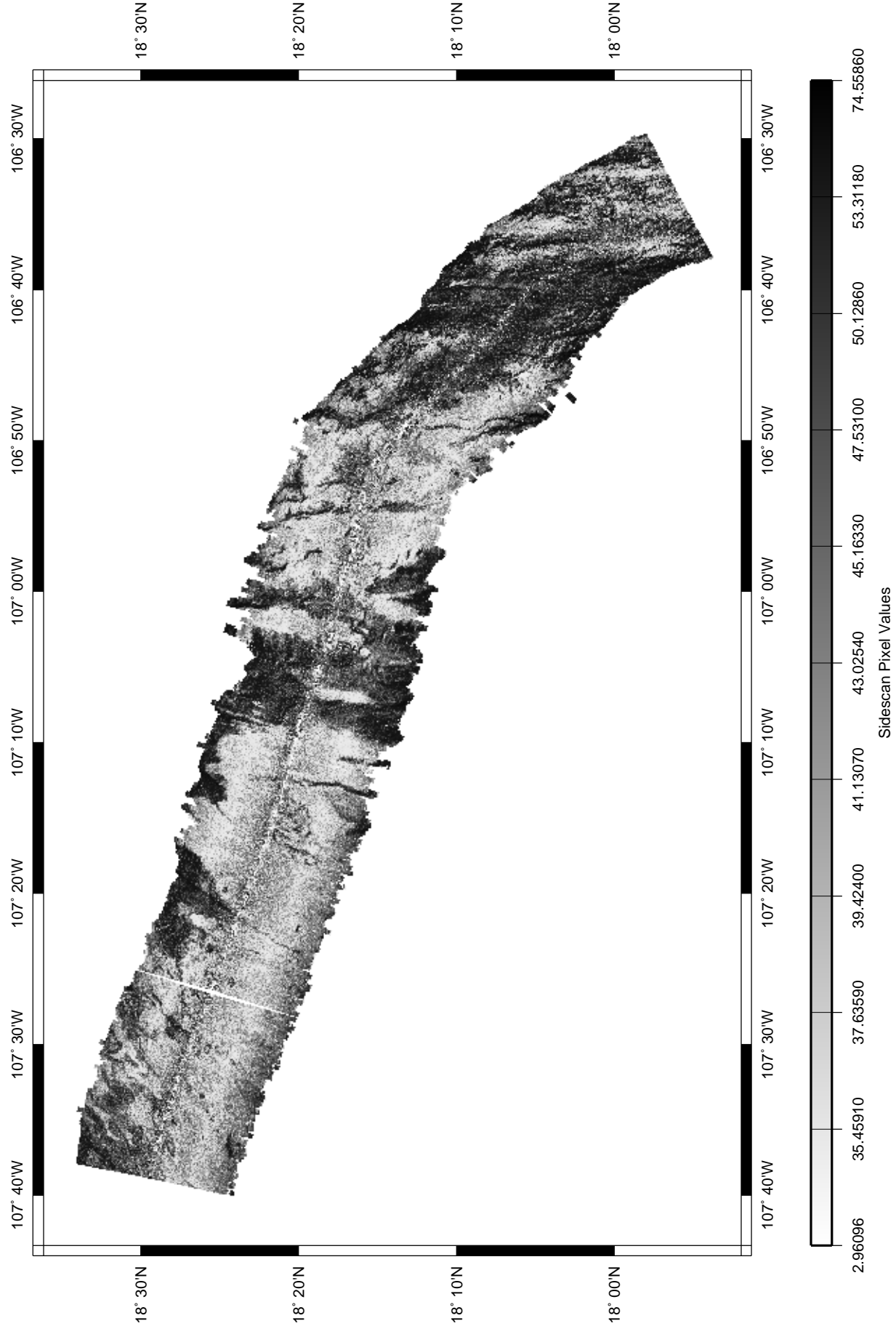
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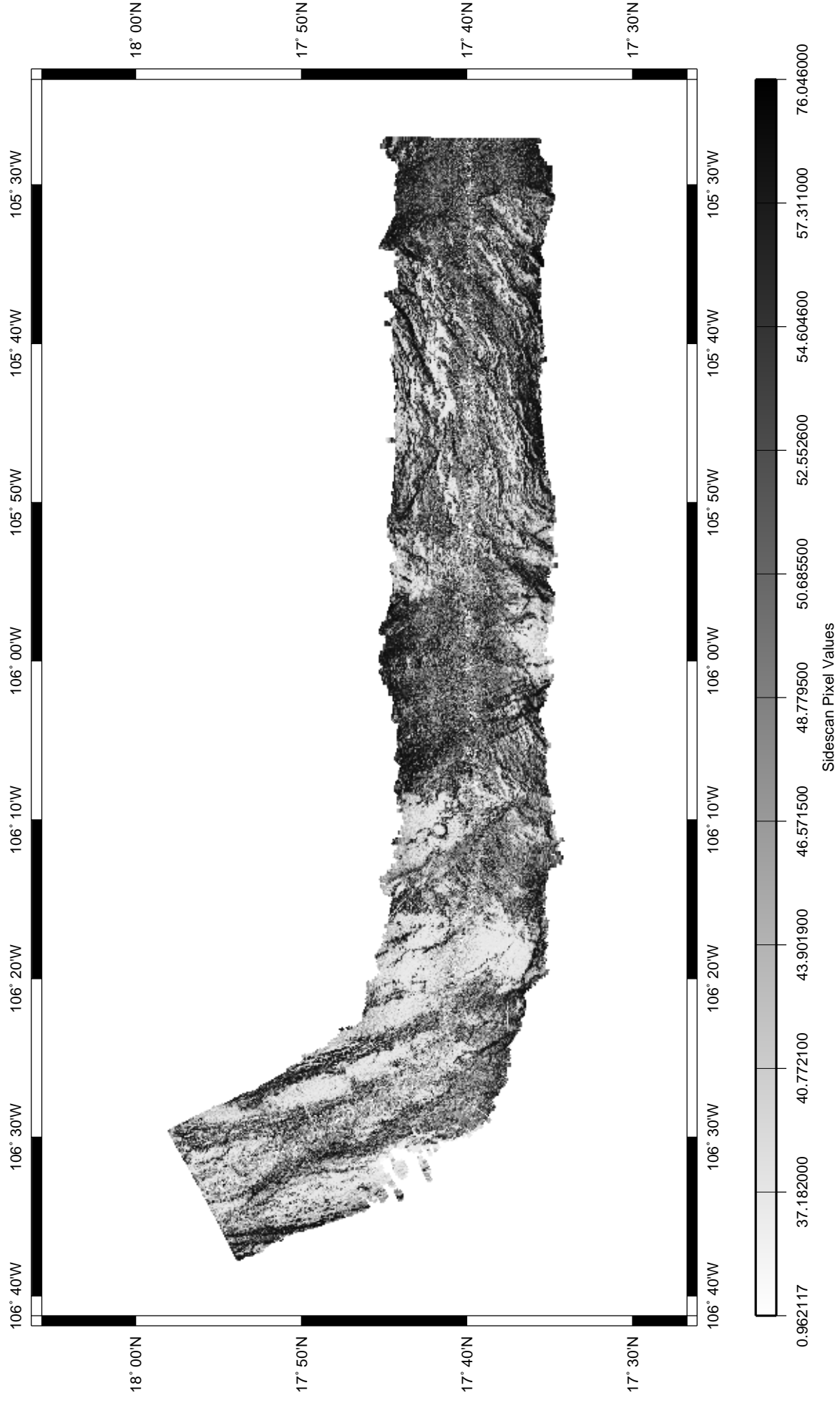
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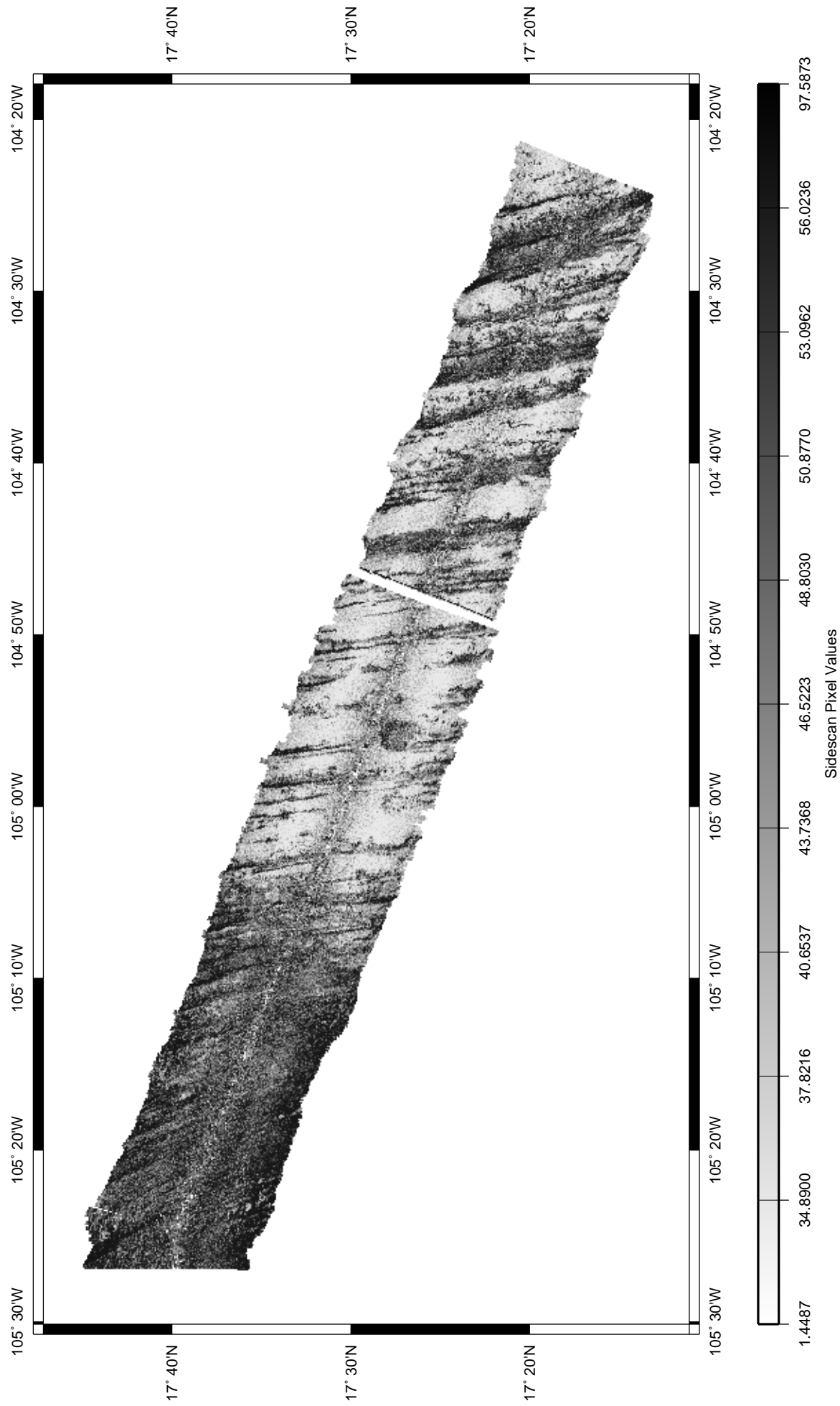
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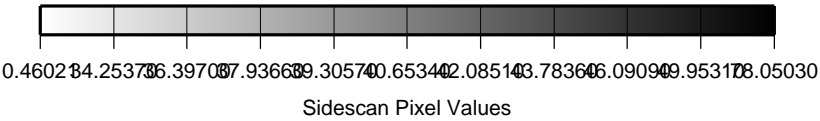
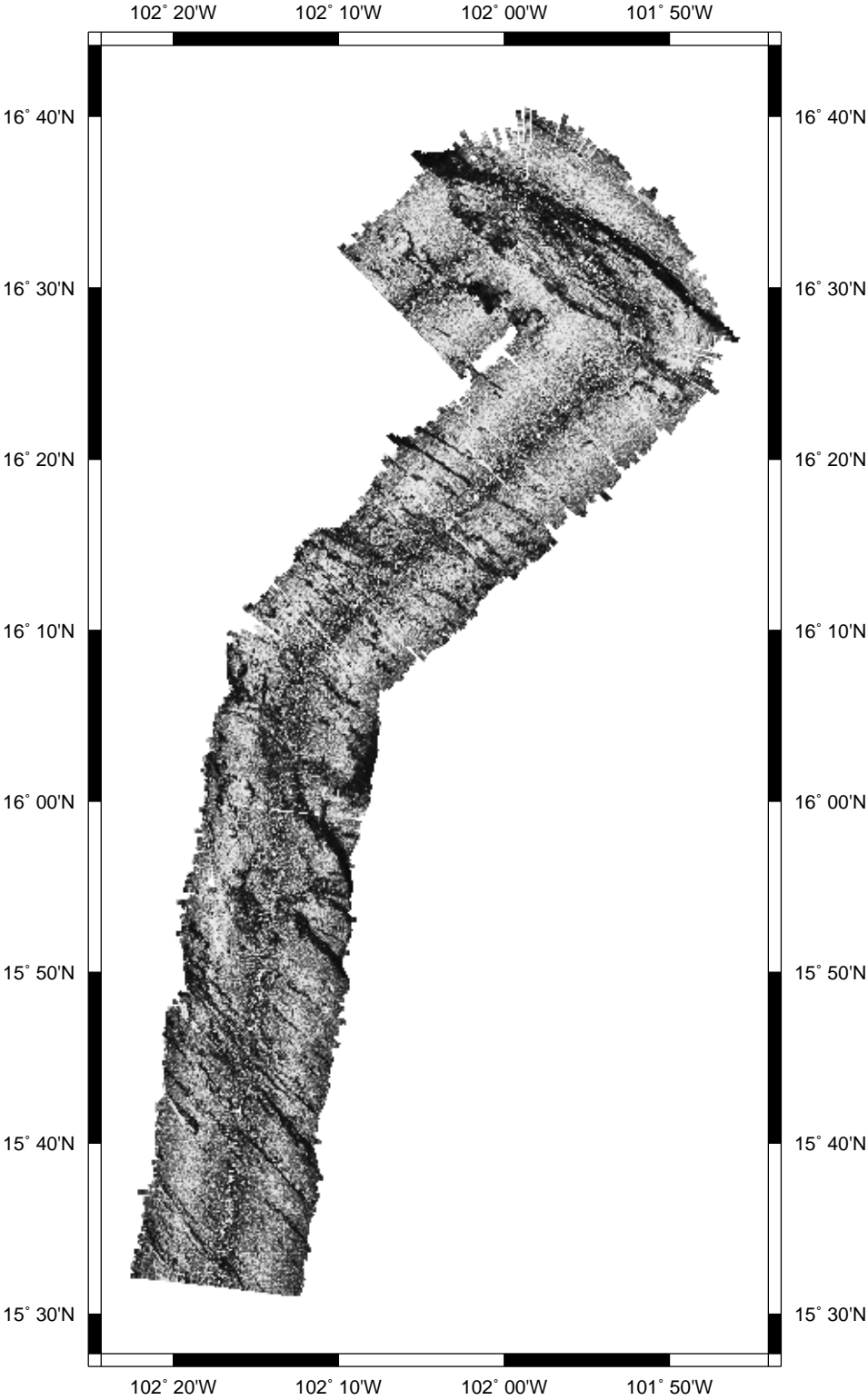


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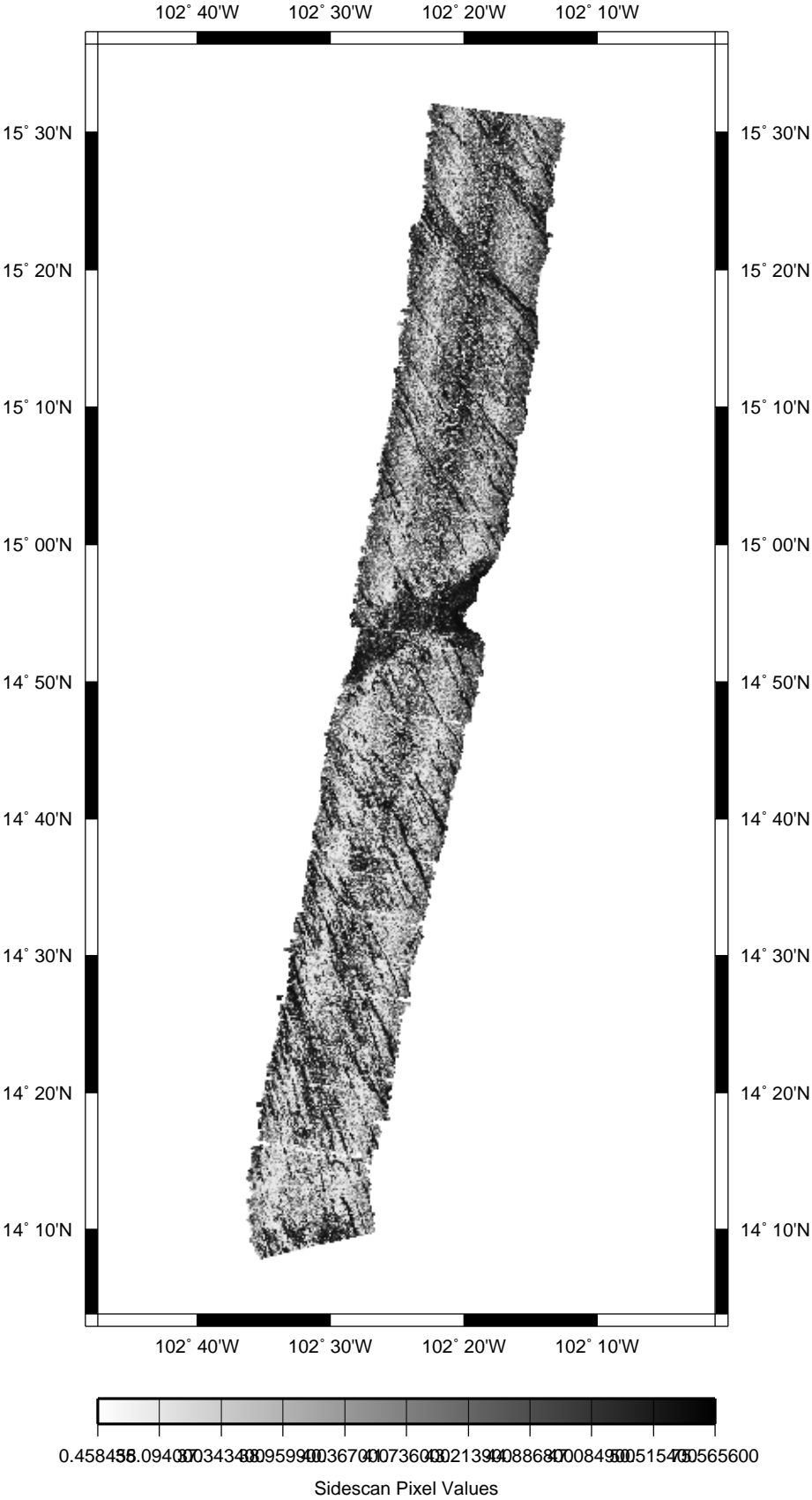


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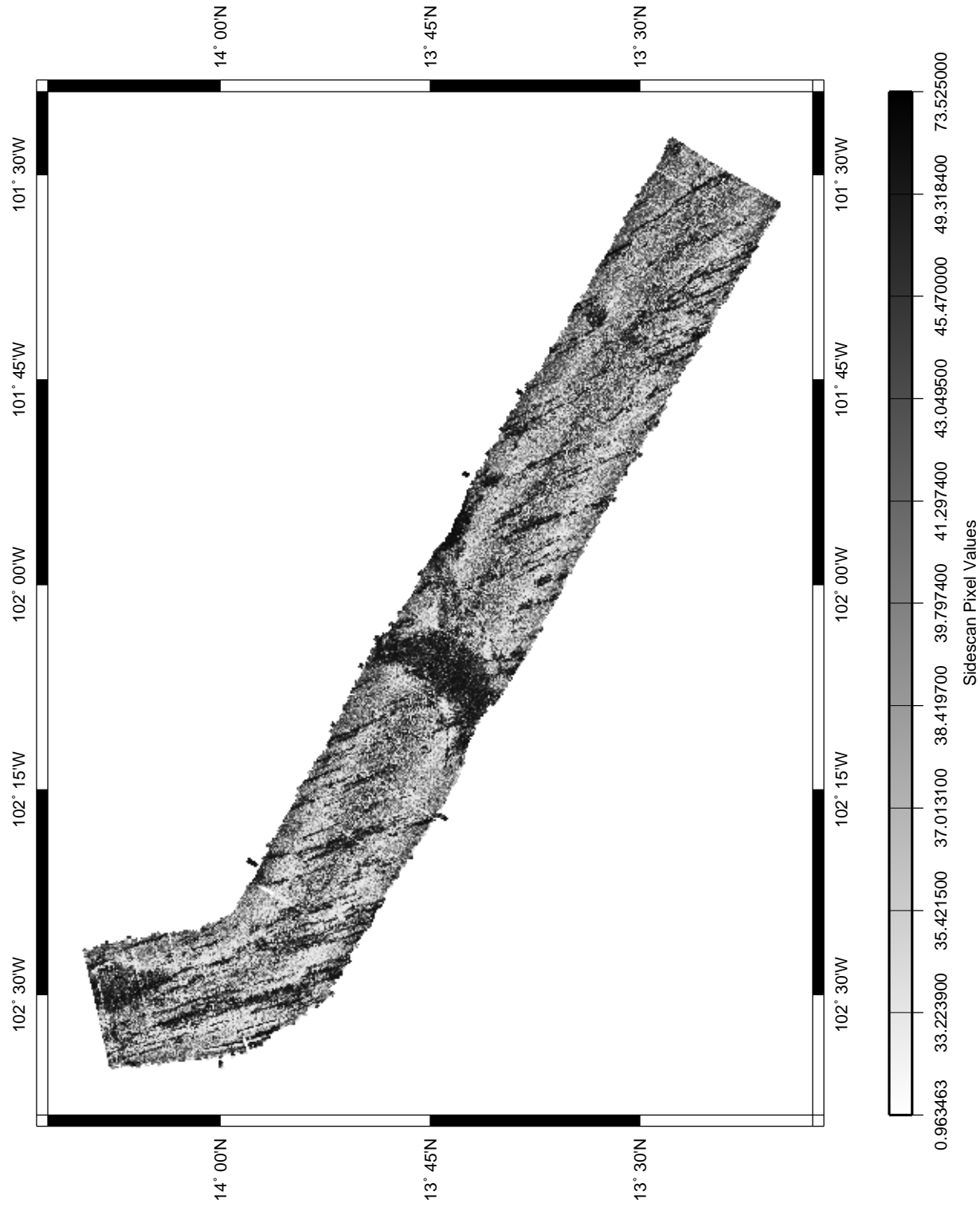




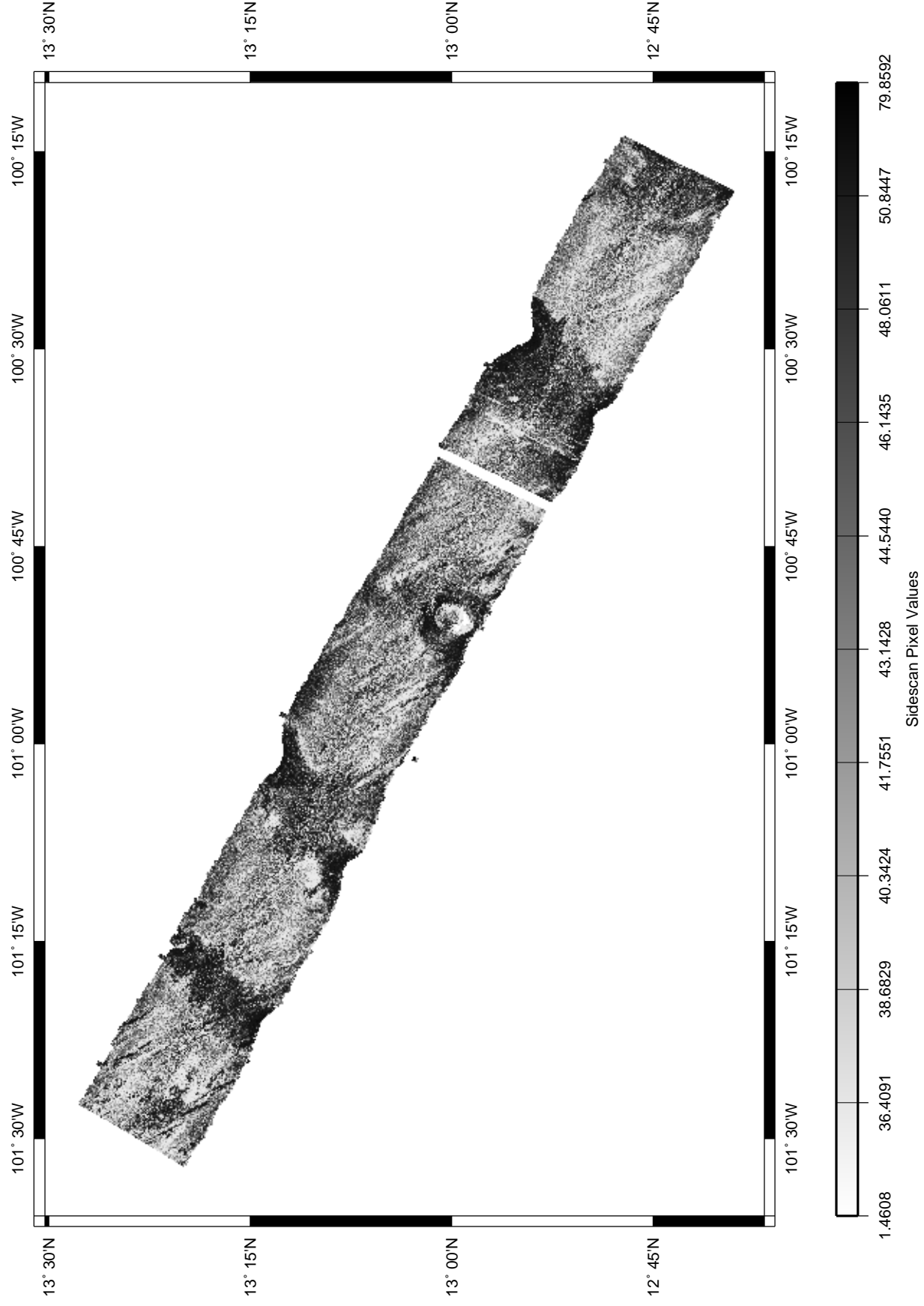
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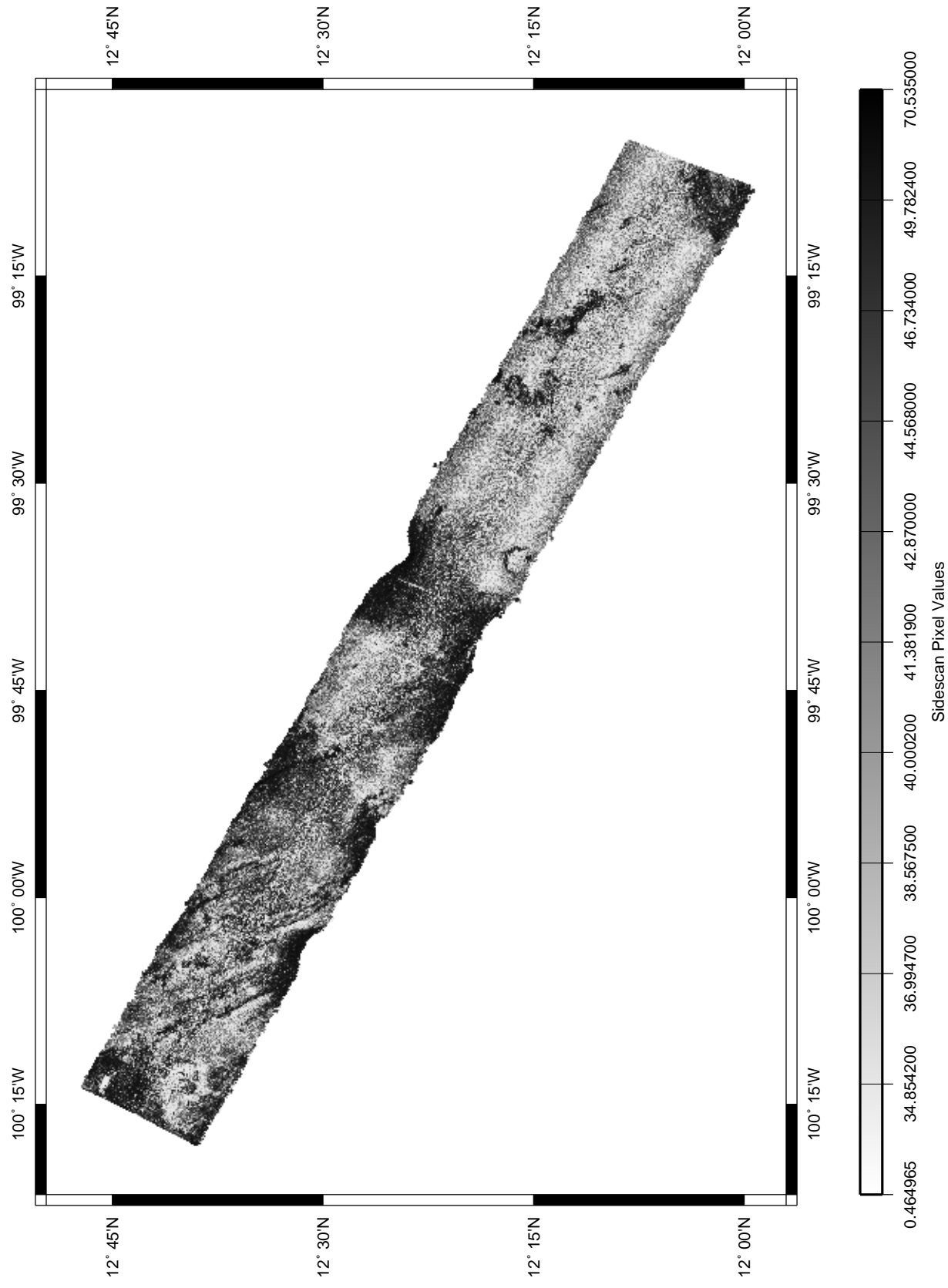
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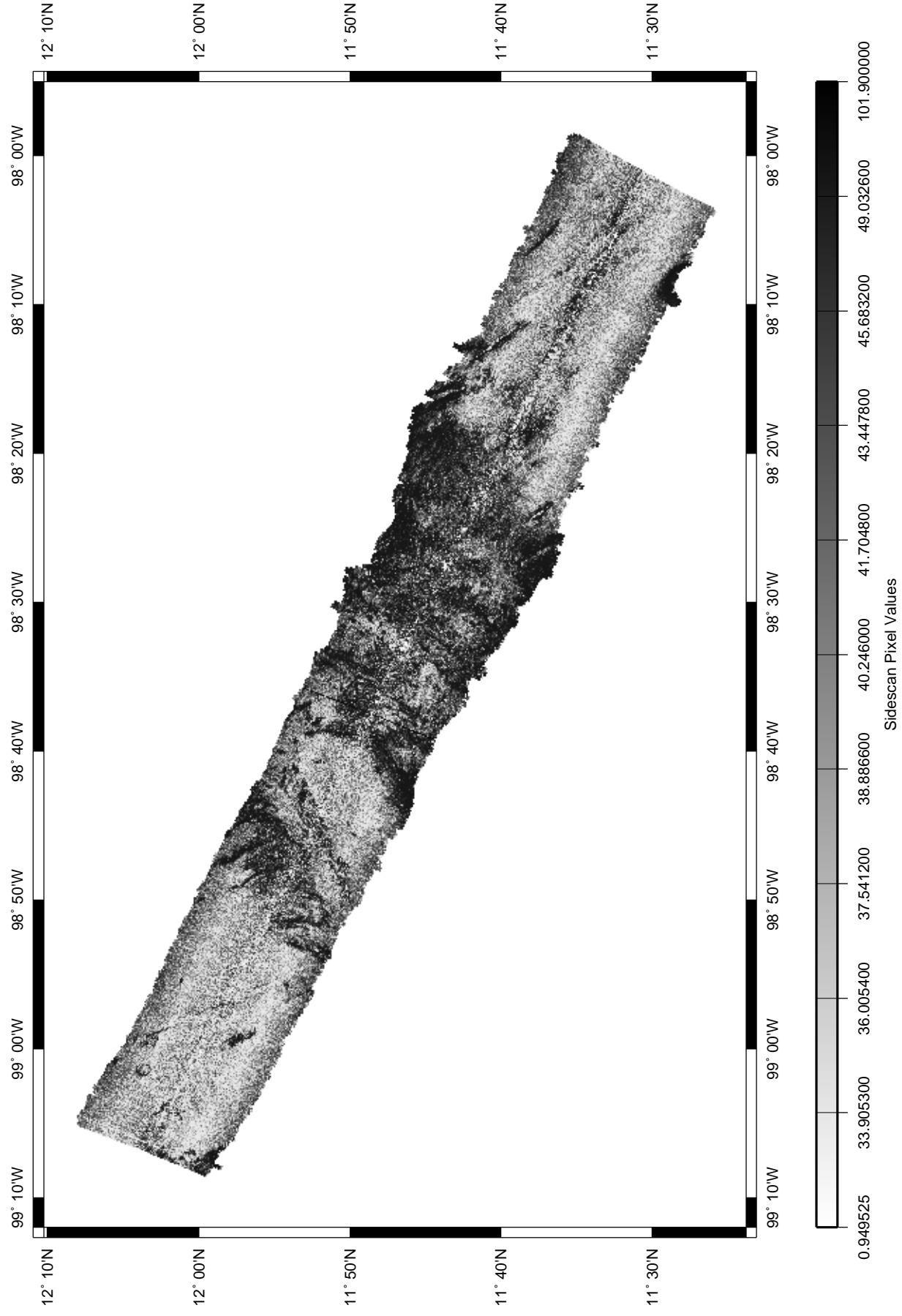
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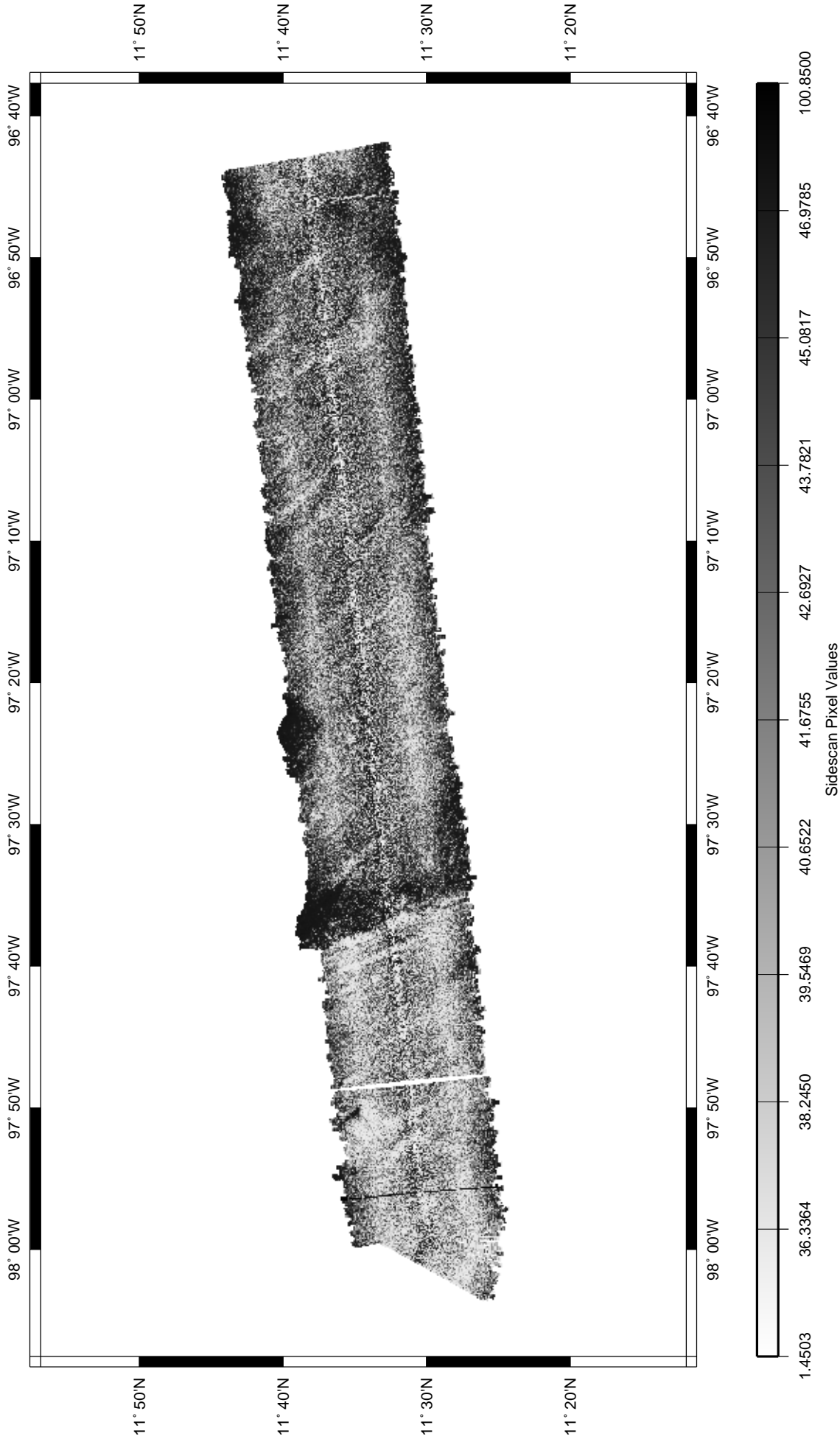
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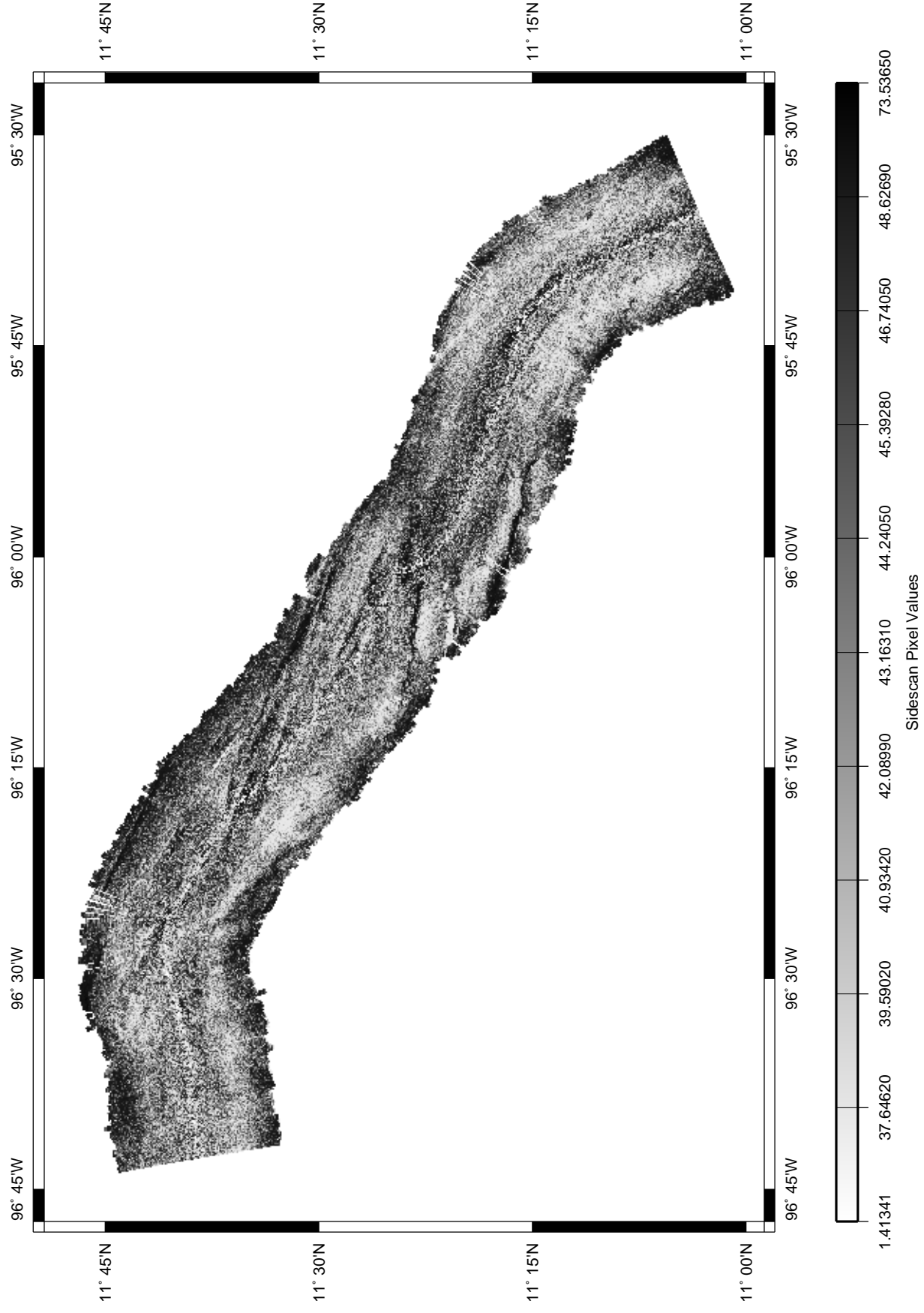
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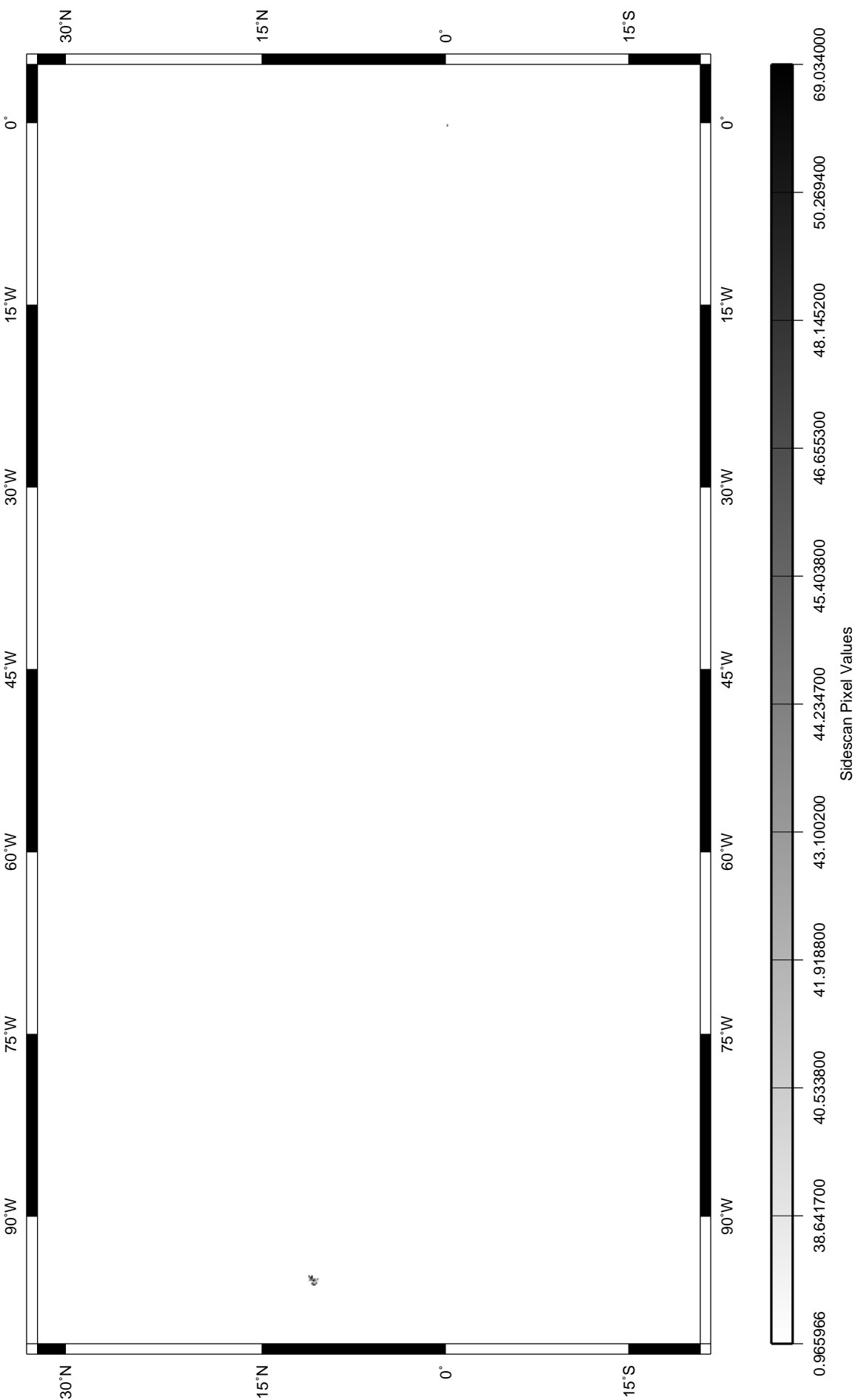
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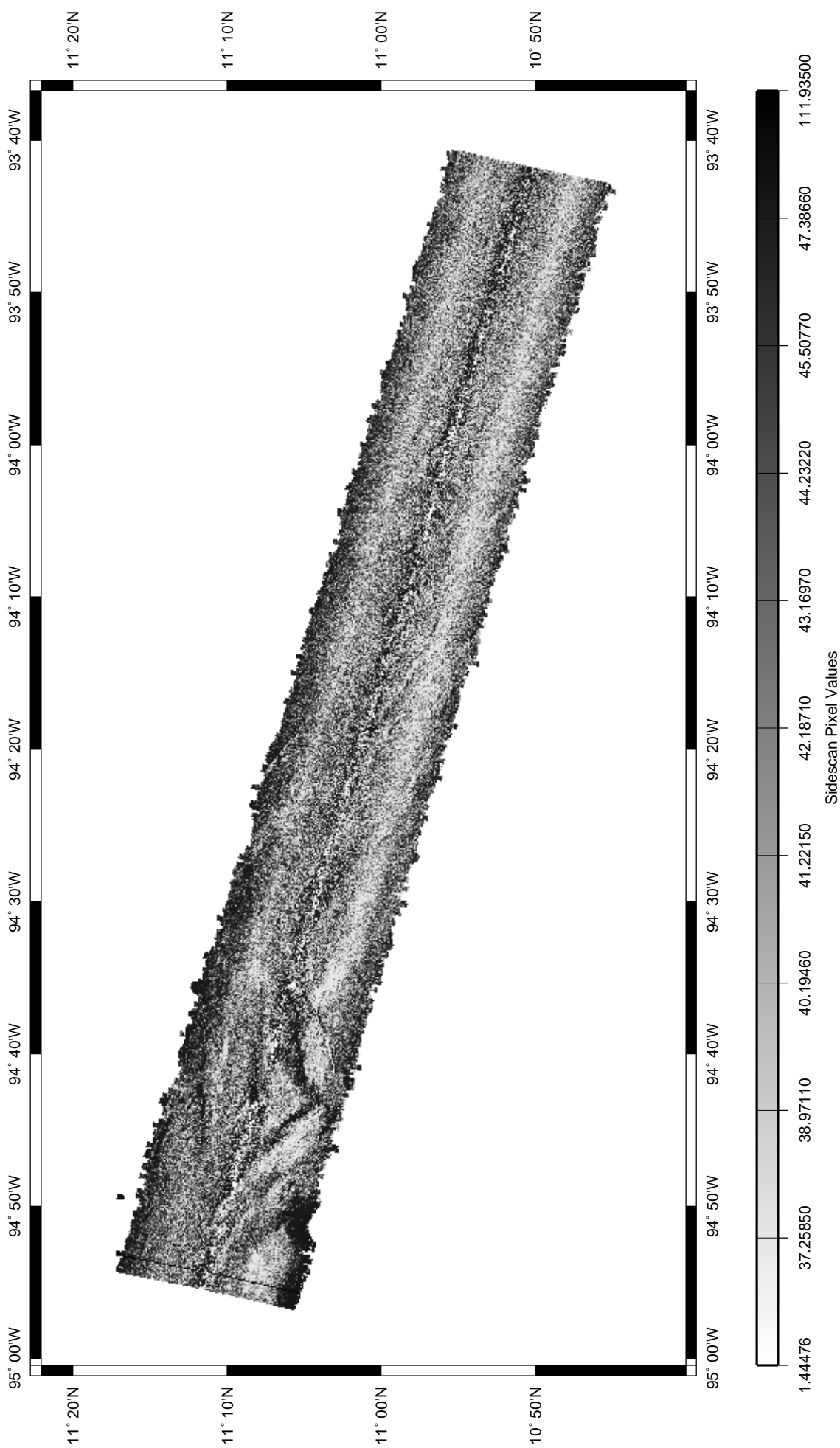
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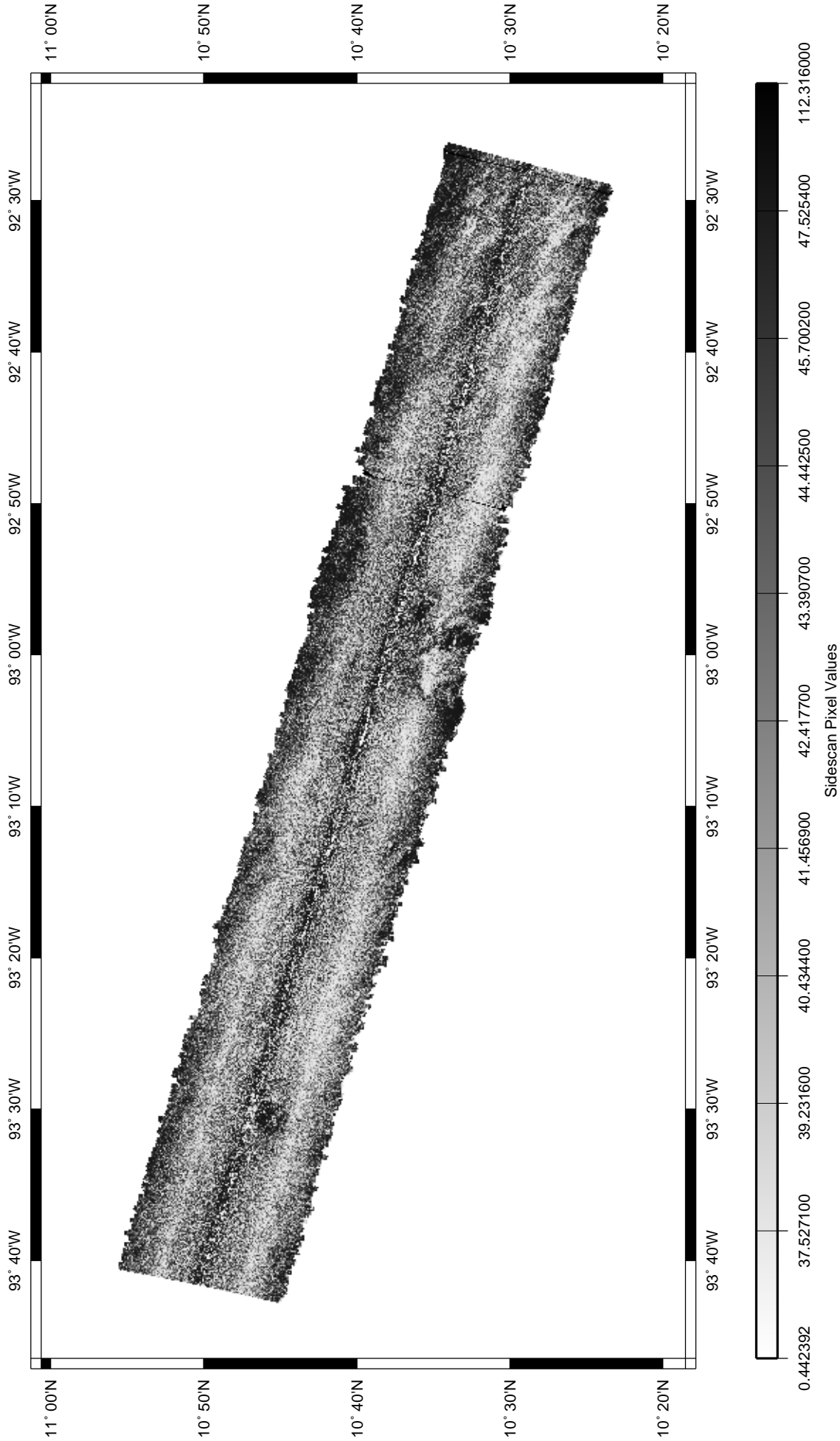
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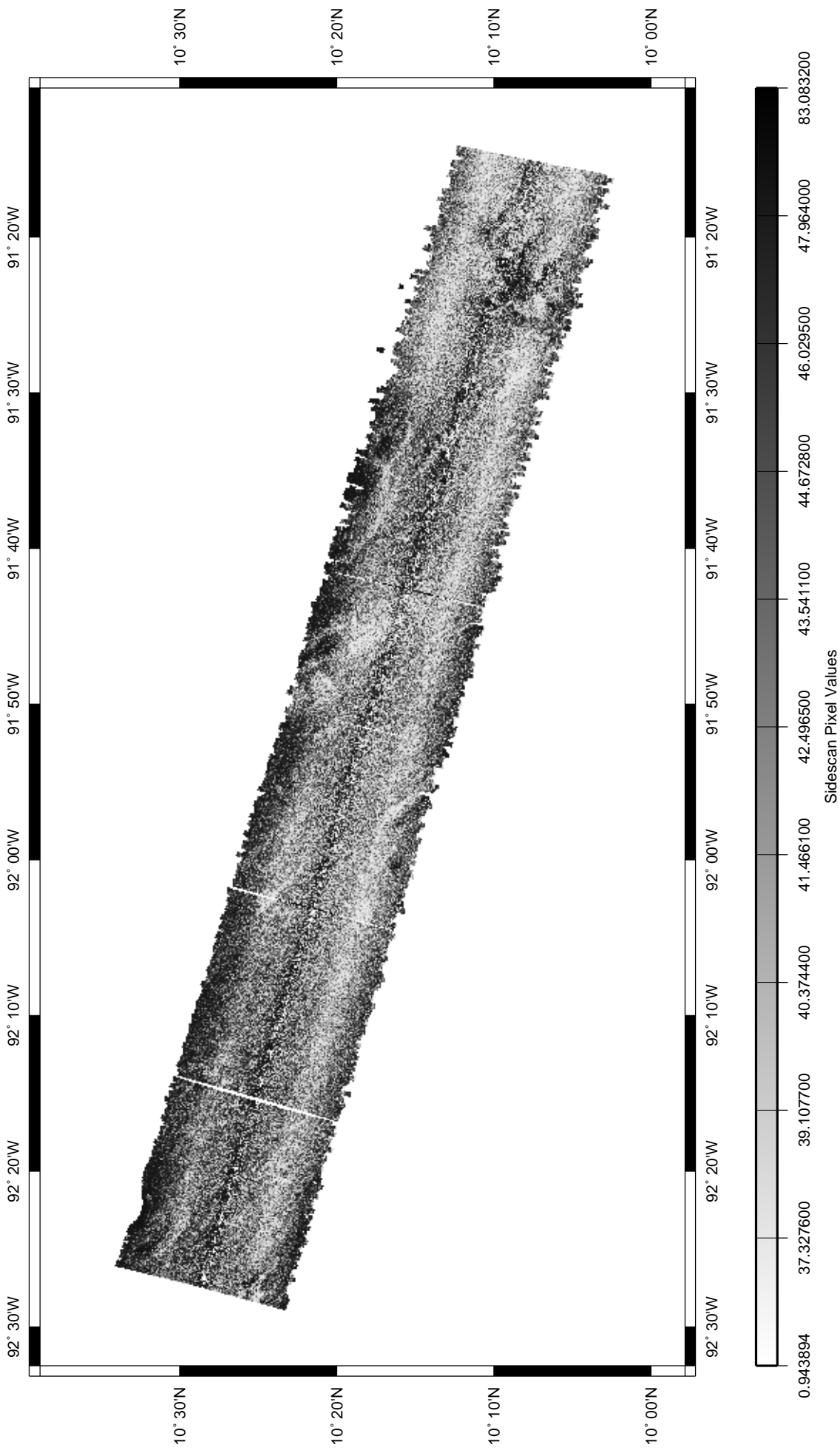
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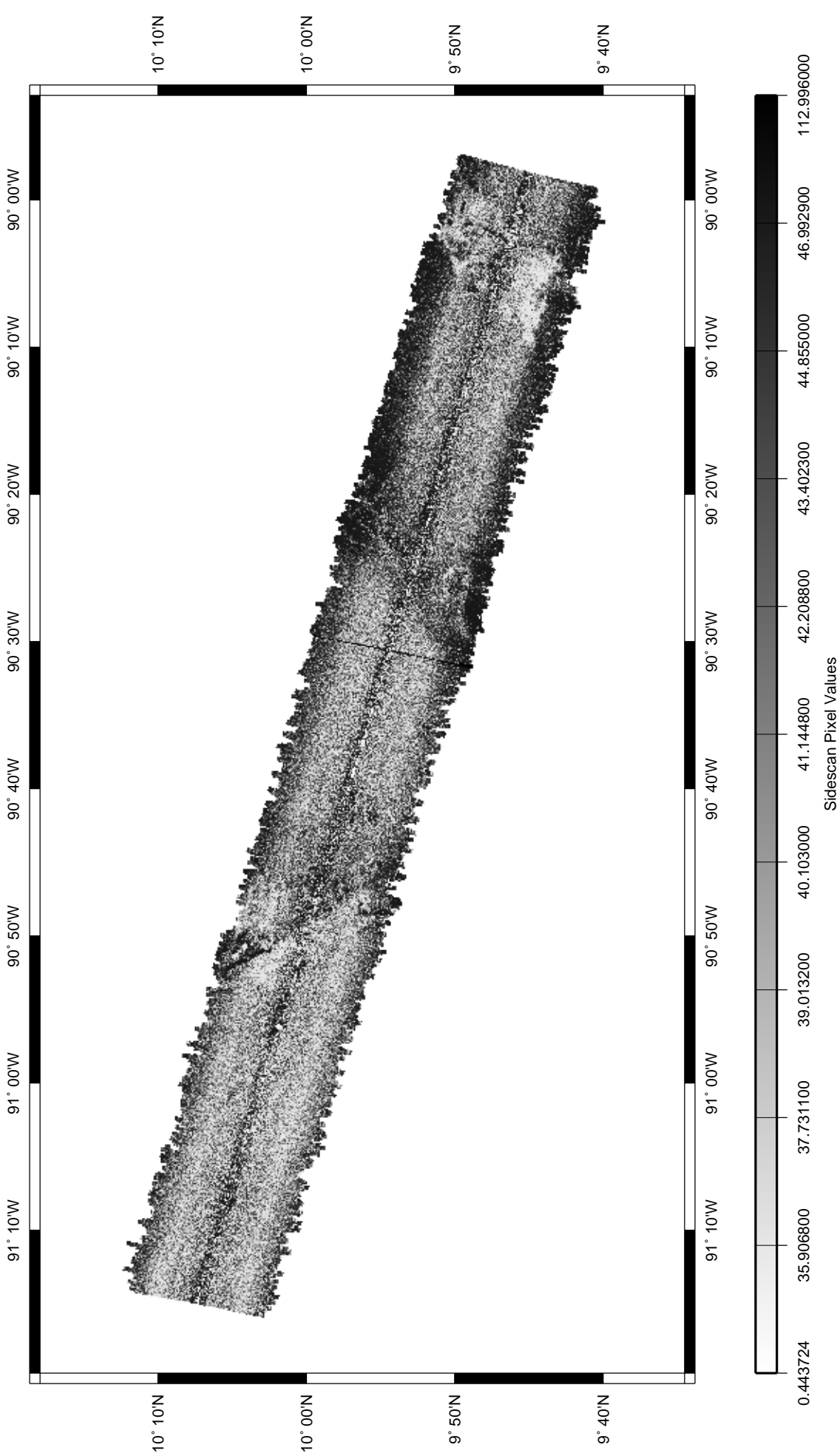
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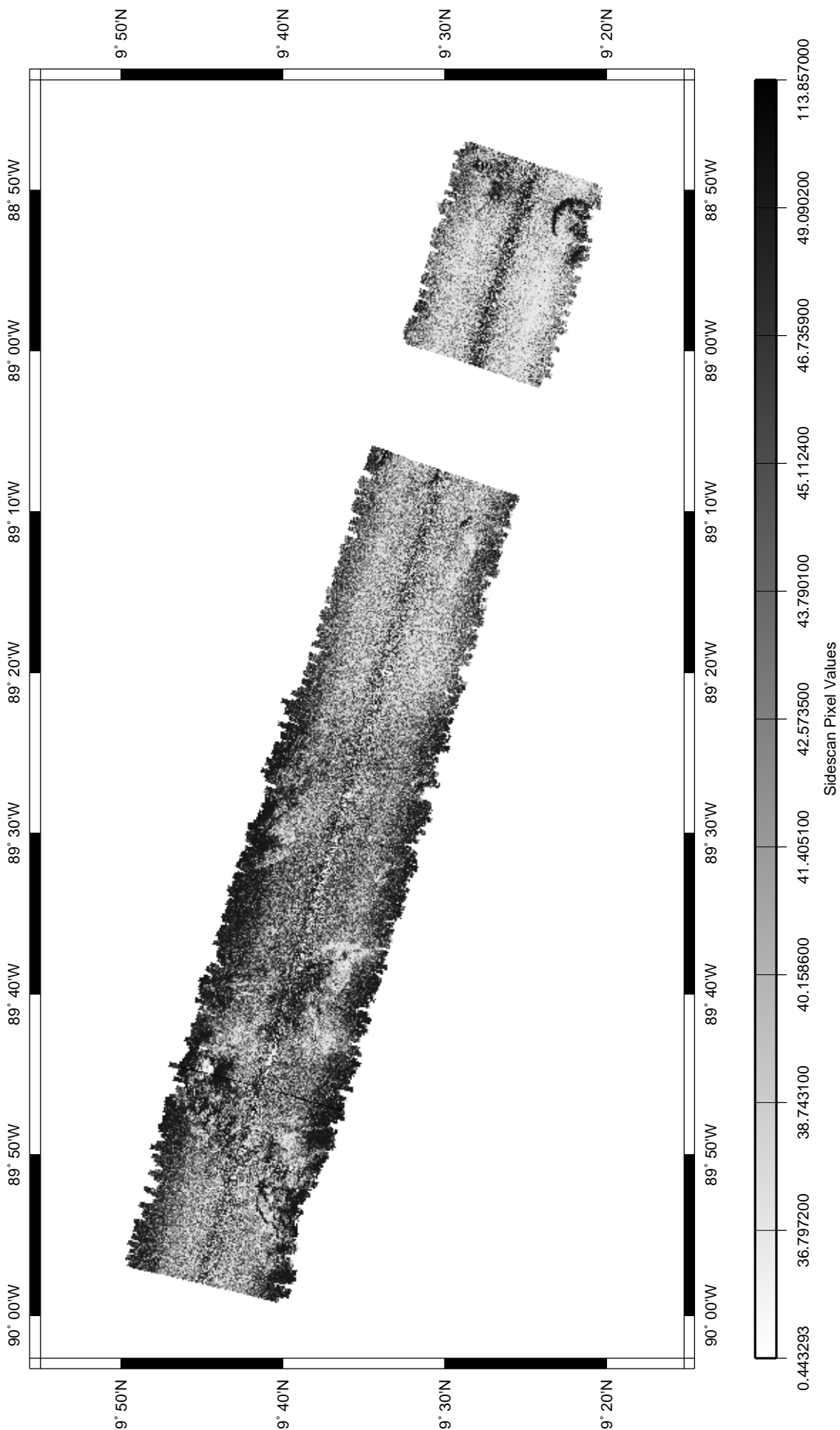
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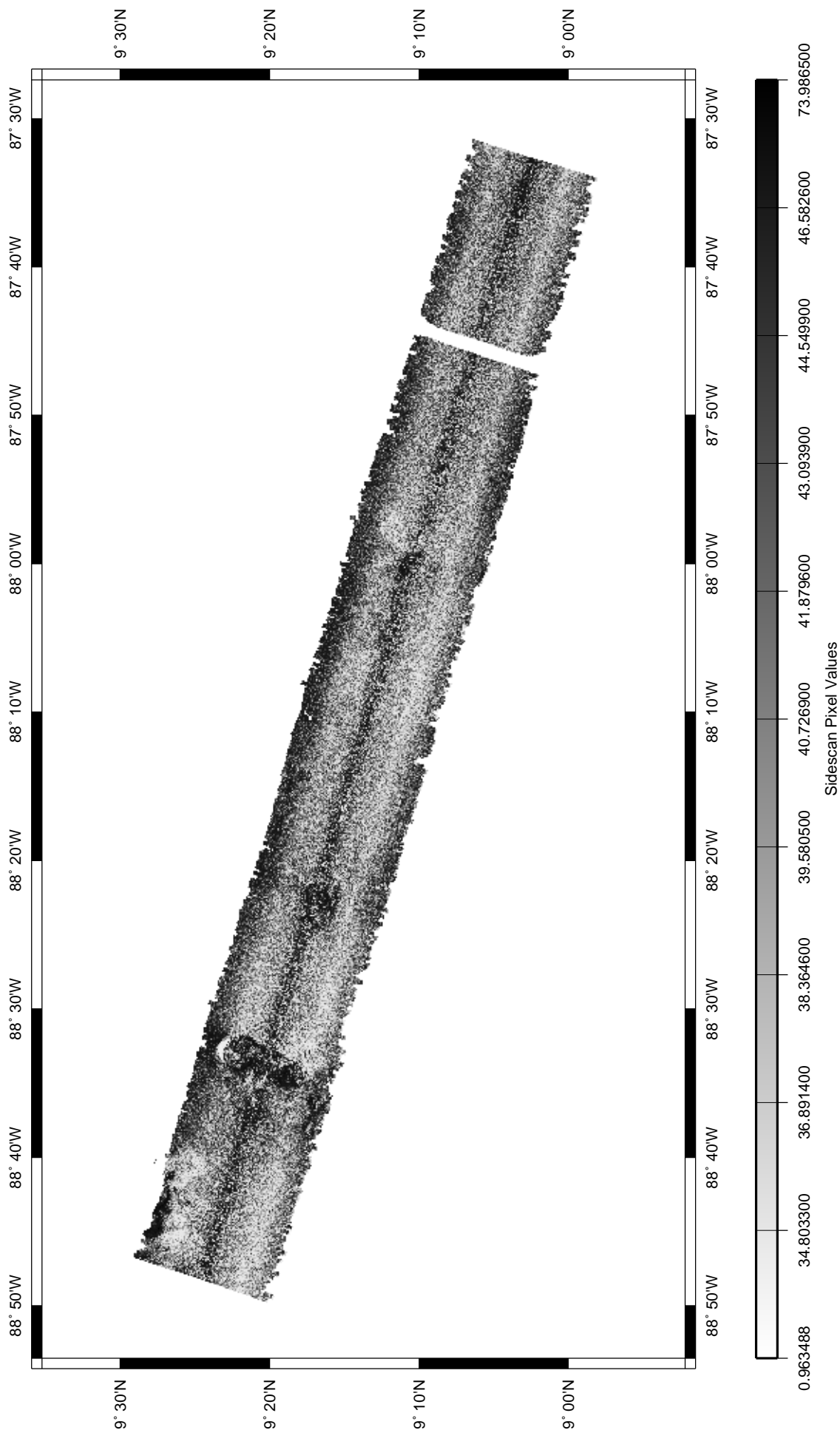
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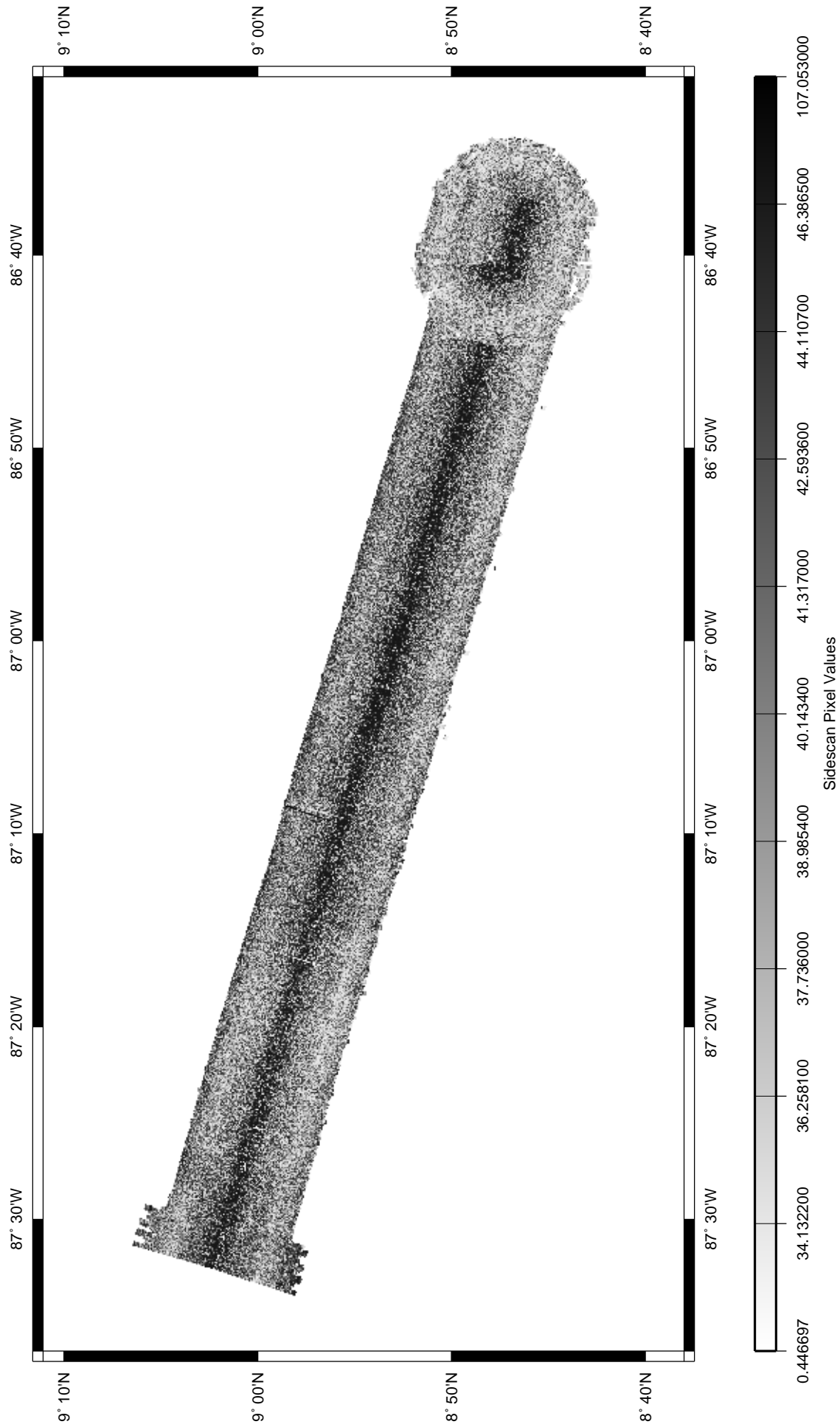
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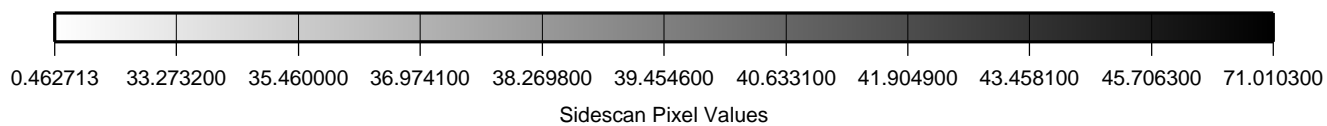
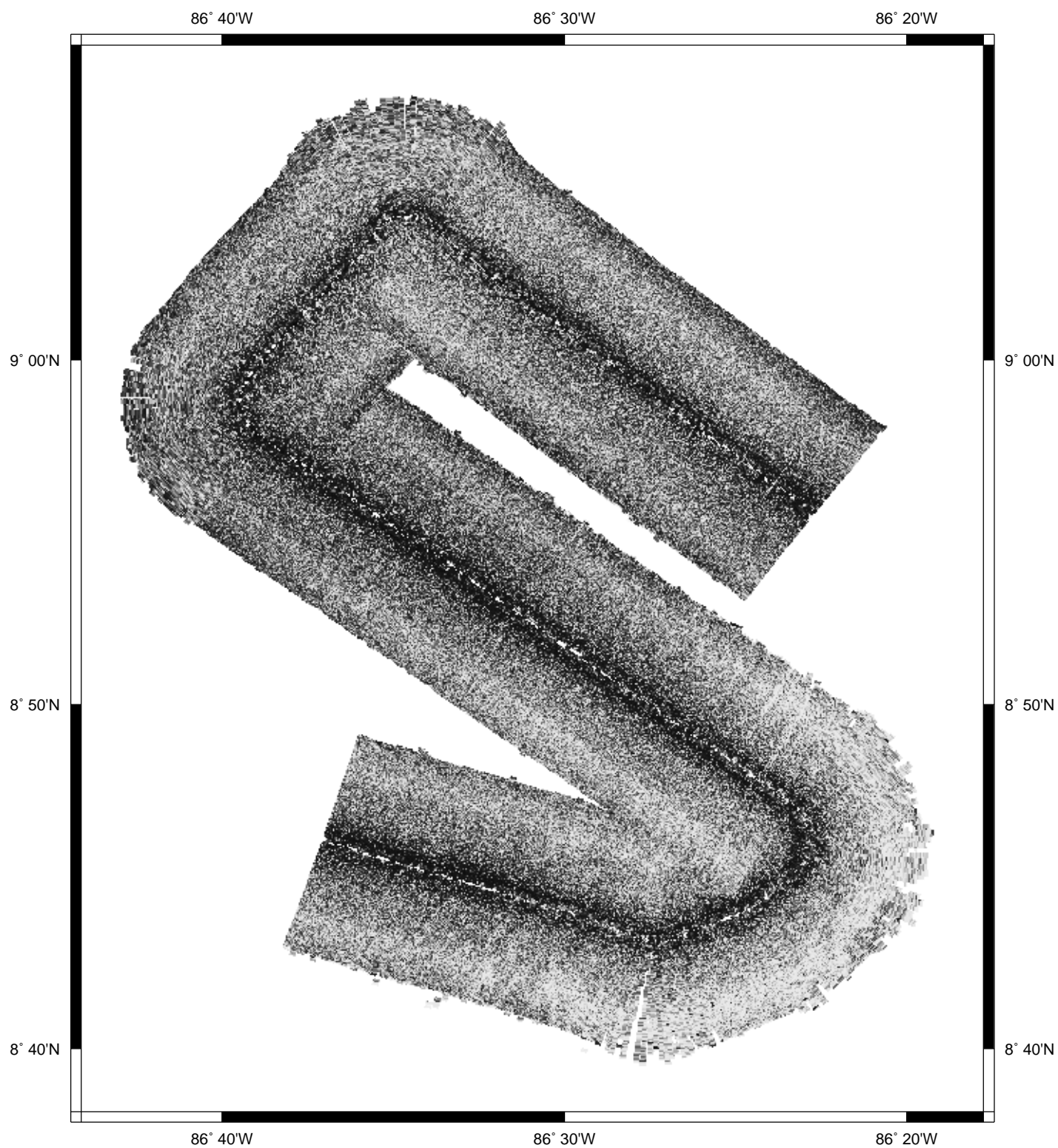


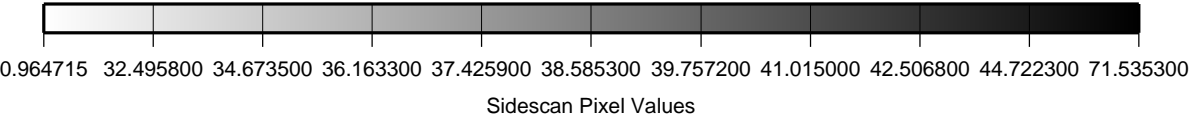
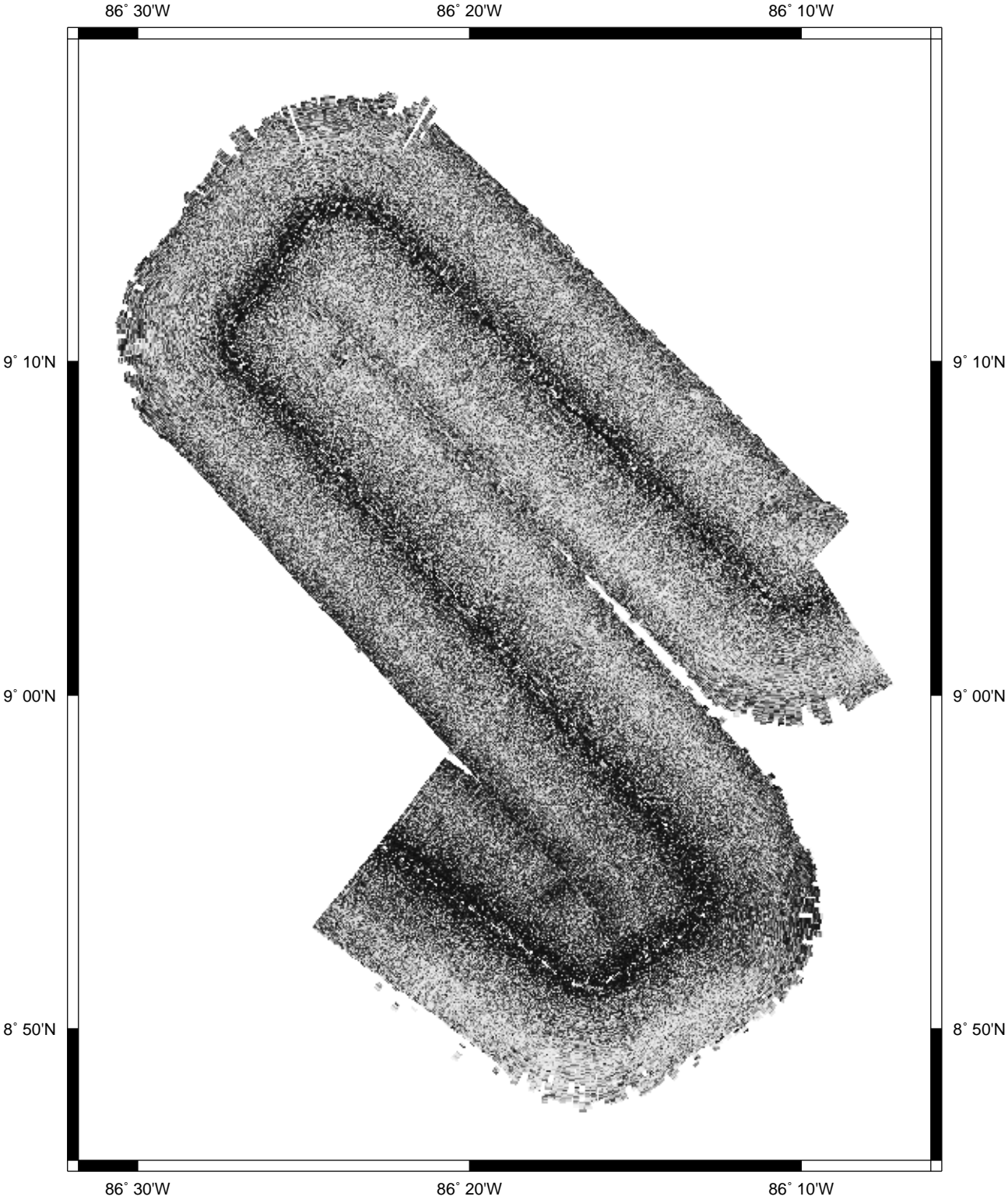
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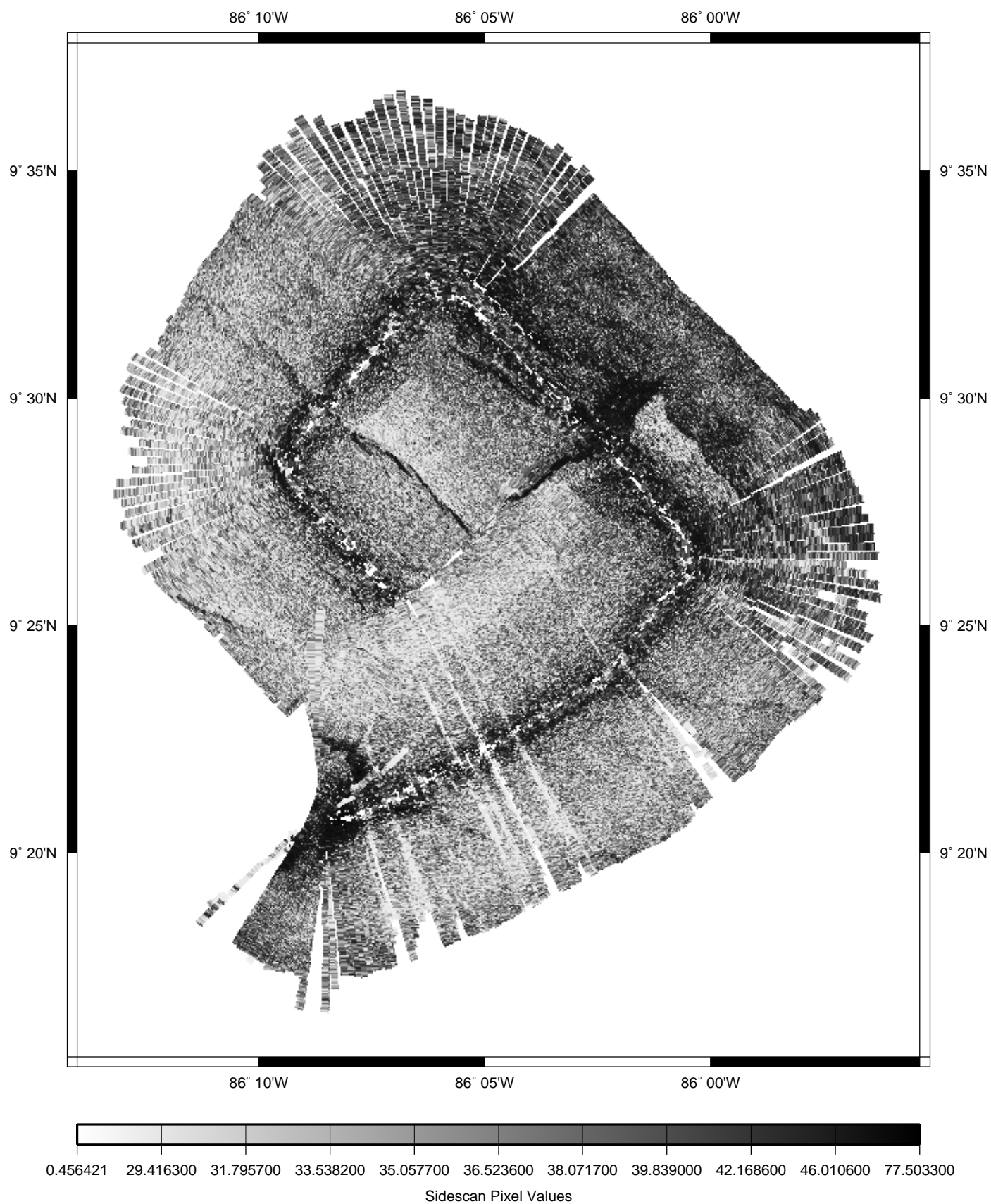




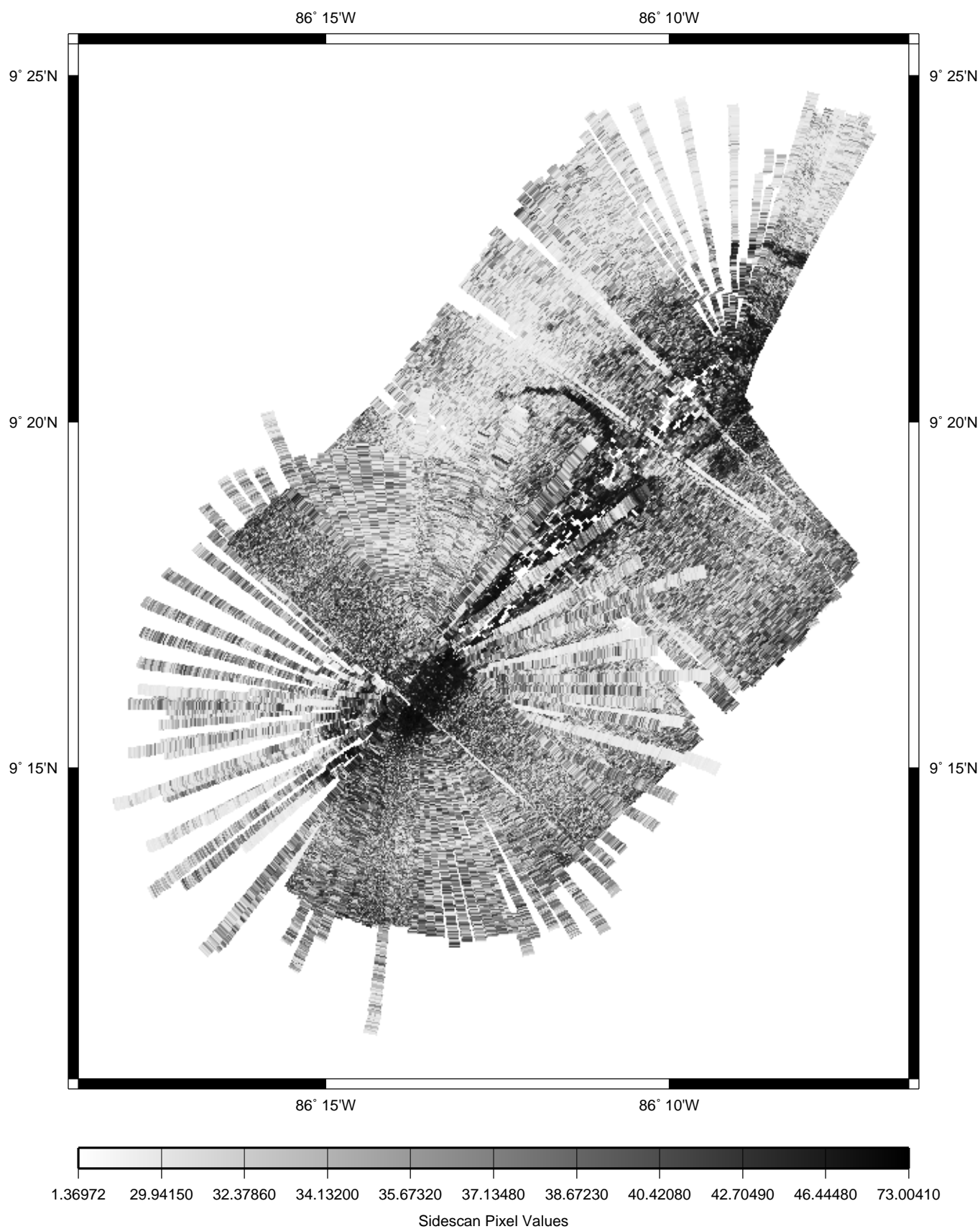




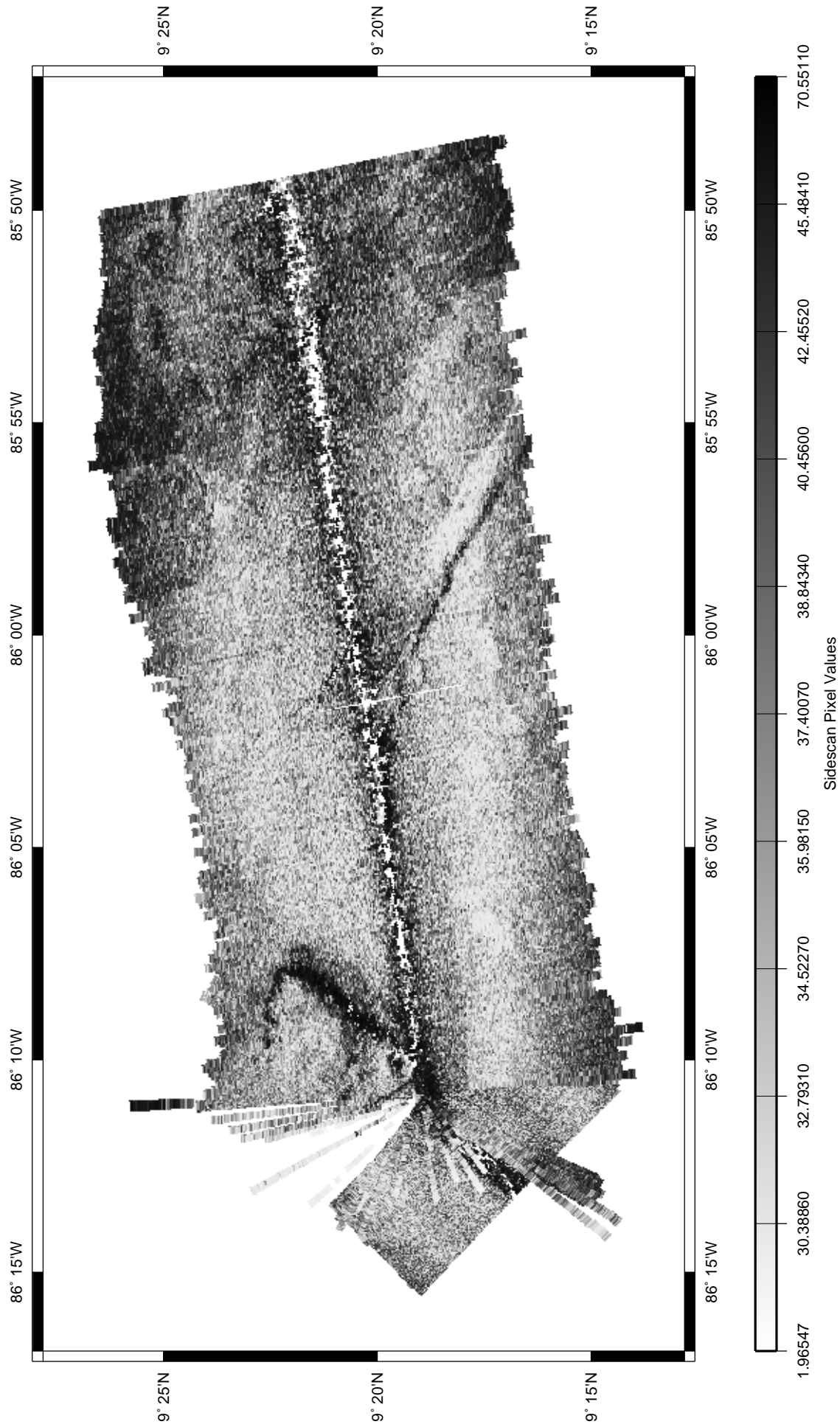
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