


MamVisAD understands bathymetry datasets in GMT "grd" format.

They should be:

- on a lat/lon grid.**
- based upon WGS84.**

This tutorial shows how to:

- 1) Use the online grid extraction tool at <http://www.marine-geo.org> to extract a suitable bathymetric dataset for a given region.**
- 2) Add an appropriate line to a configuration file so that the new grid can be used within MamVisAD.**

Next 



MARINE GEOSCIENCE DATA SYSTEM

Tools and Services

- Search for Data:
 - [GeoMapApp](#)
 - [Data Link](#)
 - [Create Maps & Grids](#)
 - [Web Services](#)
 - [Data for Google Earth](#)
 - [Education Modules](#)

Data

- [Antarctic Bathymetry](#)
- [MARGINS](#)
- [Ridge 2000](#)
- [Ridge Bathymetry](#)
- [Seismic Reflection](#)

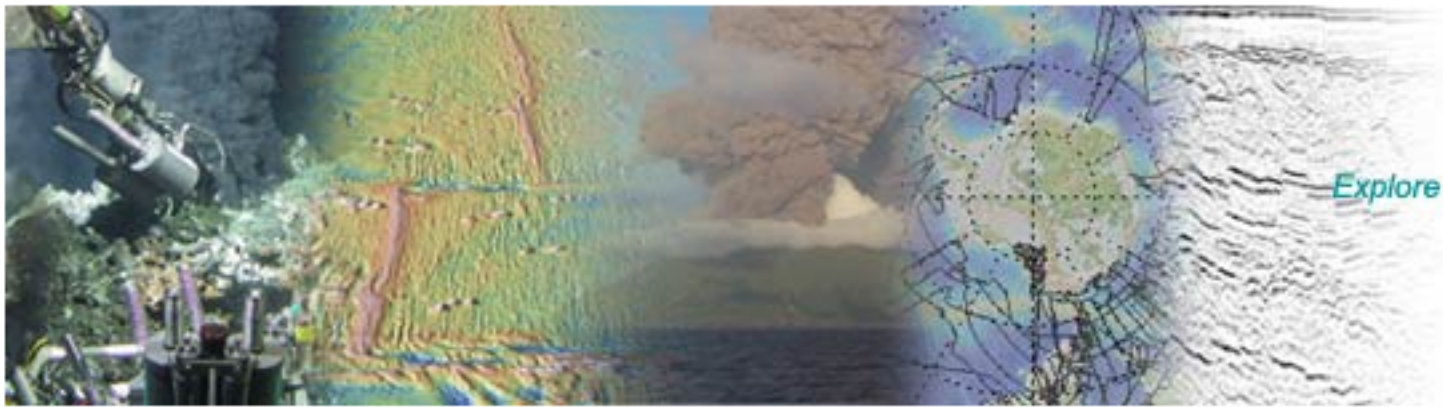
Partners

- [GfG](#)
- [ODP Borehole](#)
- [LDEO Core Repository](#)
- [UTIG Processed Seis.](#)
- [NGDC](#)
- [GeoWS](#)

Explore Further

- [What's New](#)
- [Related Links](#)
- [Contribute Data](#)
- [Meetings & Reports](#)
- [Acknowledgements](#)
- [Statistics & Holdings](#)
- [Advisory Committee](#)

[Click here to learn about joining the GeoMapApp mailing List!](#)



Explore our data catalog, make maps...

[Antarctic Bathymetry](#)

[MARGINS](#)

[Ridge 2000](#)

[Ridge Bathymetry](#)

[Seismic Reflection](#)

 <p>MARINE GEOSCIENCE DATA SYSTEM</p>	<p>Tools and Services</p> <p>Search for Data: GeoMapApp Data Link Create Maps & Grids Web Services Data for Google Earth Education Modules</p>	<p>Data</p> <p>Antarctic Bathymetry MARGINS Ridge 2000 Ridge Bathymetry Seismic Reflection</p>	<p>Partners</p> <p>GfG ODP Borehole LDEO Core Repository UTIG Processed Seis. NGDC GeoWS</p>	<p>Explore Further</p> <p>What's New Related Links Contribute Data Meetings & Reports Acknowledgements Statistics & Holdings Advisory Committee</p>
--	---	---	--	--

Create Maps and Grids

Make your own maps and custom grids to download from our global bathymetry database by selecting a geographic region or focus/study site below.

Region:

North
 West East
 South

Focus/Study Site:

 <p>MARINE GEOSCIENCE DATA SYSTEM</p>	Tools and Services	Data	Partners	Explore Further
	<p>Search for Data:</p> <ul style="list-style-type: none"> GeoMapApp Data Link Create Maps & Grids Web Services Data for Google Earth Education Modules 	<ul style="list-style-type: none"> Antarctic Bathymetry MARGINS Ridge 2000 Ridge Bathymetry Seismic Reflection 	<ul style="list-style-type: none"> GfG ODP Borehole LDEO Core Repository UTIG Processed Seis. NGDC GeoWS 	<ul style="list-style-type: none"> What's New Related Links Contribute Data Meetings & Reports Acknowledgements Statistics & Holdings Advisory Committee

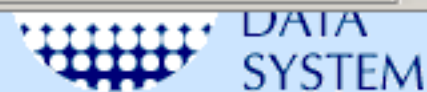
Create Maps and Grids

Make your own maps and custom grids to download from our global bathymetry database by selecting a geographic region or focus/study site below.

Region:

	North	
	<input type="text" value="81"/>	
West		East
<input type="text" value="0"/>		<input type="text" value="36"/>
	South	
	<input type="text" value="75"/>	

Focus/Study Site:



[Create Maps & Grids](#)
[Web Services](#)
[Data for Google Earth](#)
[Education Modules](#)

[Ridge Bathymetry](#)
[Seismic Reflection](#)

[UTIG Processed Seis](#)
[NGDC](#)
[GeoWS](#)

[Meetings & Reports](#)
[Acknowledgements](#)
[Statistics & Holdings](#)
[Advisory Committee](#)

Create Maps and Grids

Make your own maps and custom grids to download from our global bathymetry database by selecting a geographic region or focus/study site below.

Region:

	North	
	<input type="text" value="81"/>	
West		East
<input type="text" value="0"/>		<input type="text" value="36"/>
	South	
	<input type="text" value="75"/>	



Focus/Study Site:

[Revise Map Bounds](#)
Map Information

Map Projection Mercator

West 0.0

East 36.0

South 74.99584113238176

North 81.00569975636878

Map Resolution (meters/pixel) 1625.4317658152975

Image width (pixels) 512

Image height (pixels) 420

Download Map: Use "Save Image As .." browser function.**Download Grids:** Choose grid for this area from the following resolutions.

Digital Elevation Model (DEM) in GMT - grd format.

"masked" grids contain only high-resolution data, NaNs elsewhere.

"unmasked" grids are filled with Smith & Sandwell's global DEM where high-resolution data do not exist.

masked	un-masked	grid size
1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Map Projection Mercator
 West 0.0
 East 36.0
 South 74.99584113238176
 North 81.00569975636878
 Map Resolution (meters/pixel) 1625.4317658152975
 Image width (pixels) 512
 Image height (pixels) 420

N.B. If you choose a big grid it could take a long time to extract.

Download Map: Use "Save Image As .." browser function

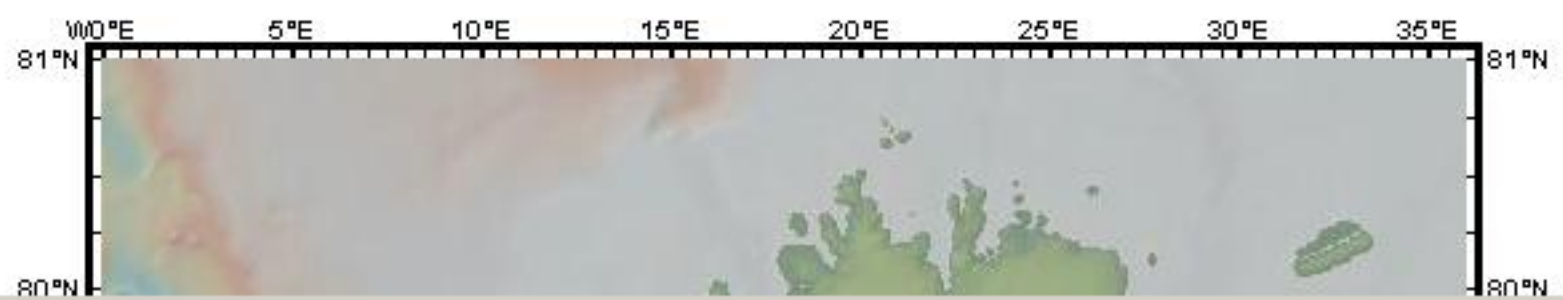
Download Grids: Choose grid for this area from the following
 Digital Elevation Model (DEM) in GMT - grd format.

"masked" grids contain only high-resolution data, No

"unmasked" grids are filled with Smith & Sandwell's g

exist.

masked	un-masked	grid size
1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



```

Map Projection Mercator
West 0.0
East 36.0
South 74.99584113238176
North 81.00569975636878
Map Resolution (meters/pixel) 1625.4317658152975
Image width (pixels) 512
Image height (pixels) 420
    
```

Download Map: Use "Save Image As .." browser function.

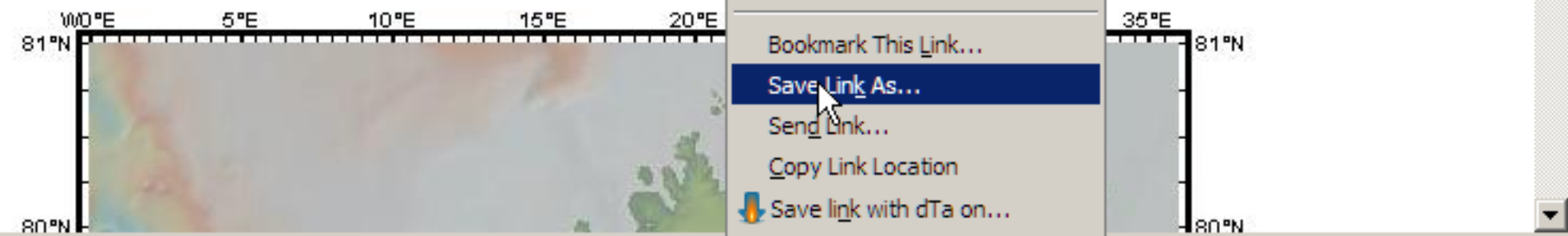
Download Grids: Choose grid for this area from the following resolutions.

Digital Elevation Model (DEM) in GMT - grd format.

"masked" grids contain only high-resolution data, NaNs elsewhere.

"unmasked" grids are filled with Smith & Sandwell's global DEM where high-resolution data do not exist.

masked	un-masked	grid size
1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



- Open Link in New Window
- Open Link in New Tab
- Bookmark This Link...
- Save Link As...**
- Send Link...
- Copy Link Location
- Save link with dTa on...
- Start link with dTaOneClick!



Save As

Save in: Local Disk (C:)

- 3dsmax9Trial
- acc
- apache-ant-1.6.5
- arcgis
- ArcGIS-91sp1-IE7-Patch
- ArcGIS_XP-patch
- ATI
- Autoplex
- BCWS
- BirgitBackup
- BlackArt
- Canada
- Ch
- Coda
- CompChecker
- CPQSYSTEM
- cygwin
- cygwin_packages
- Dev-Cpp
- Digibath
- Documents
- Documents and Settings
- Downloads
- Driver For APCI Issues
- Drivers
- eclipse
- ESRI
- Excel_DLL_Example
- Excel_MCC_DLL_Example
- Extracted_data
- Extracted_data
- Flex_SC
- flexlm
- GeoZui3
- GMT
- gnuwin32
- goodwin
- GPS
- GSHHS
- Hoods
- IA_Inst
- IDV_12
- Inetpub
- invois-4
- Install_

File name: getgridB.htm

Save as type: Firefox Document

Save

Cancel

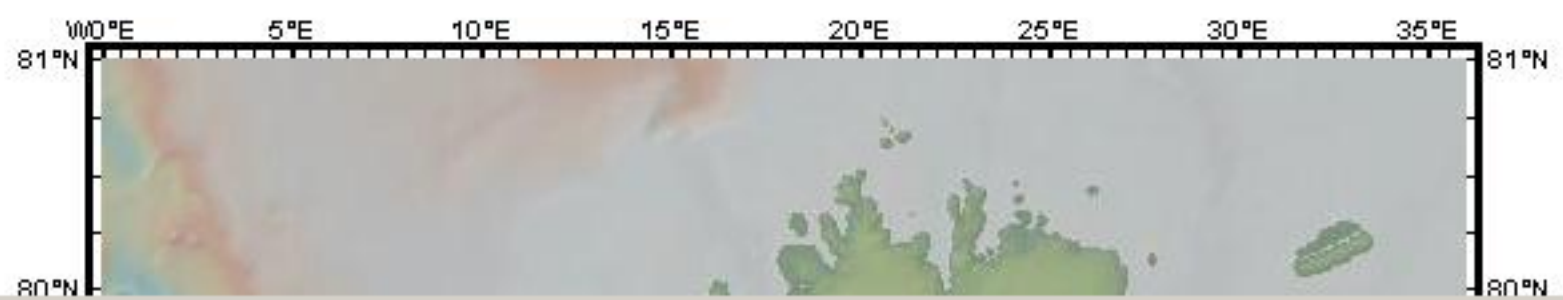
- Map P
- West
- East
- South
- North
- Map R
- Image
- Image
- Down
- Down
- Digital
- "mas
- "unn

st andrews

t exist.

ze

1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Save As

Save in: Local Disk (C:)

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places
- Extracted_data_old
- Flex_SDK2
- flexlm
- GeoZui3D
- GMT
- gnuwin32
- goodwms
- GPS
- GSHHS
- Hoods
- IA_Installers
- IDV_12_Src
- Inetpub
- infovis-0.9beta
- Install_instantclient_10_2
- instantclient_10_2
- ISYS5
- Jenson
- jexcelapi
- JulietteSealPhotos
- JythonWebstart
- k3d
- KMLEditor
- MamVisAD
- MamVisAD1
- MamVisAD2
- MamVisAD_2006_07_10
- MamVisAD_2006_11_15
- MamVisAD_Datasets
- MamVisAD_Main_2007_01_15
- MamVis...
- MamVis...
- MamVis...
- Manifol...
- Manifol...
- MCC
- Merging...
- Montere...
- Movies
- MozBac...
- ms4w
- ms4wOl...
- MSOCa...
- My Driv...
- N-30-55

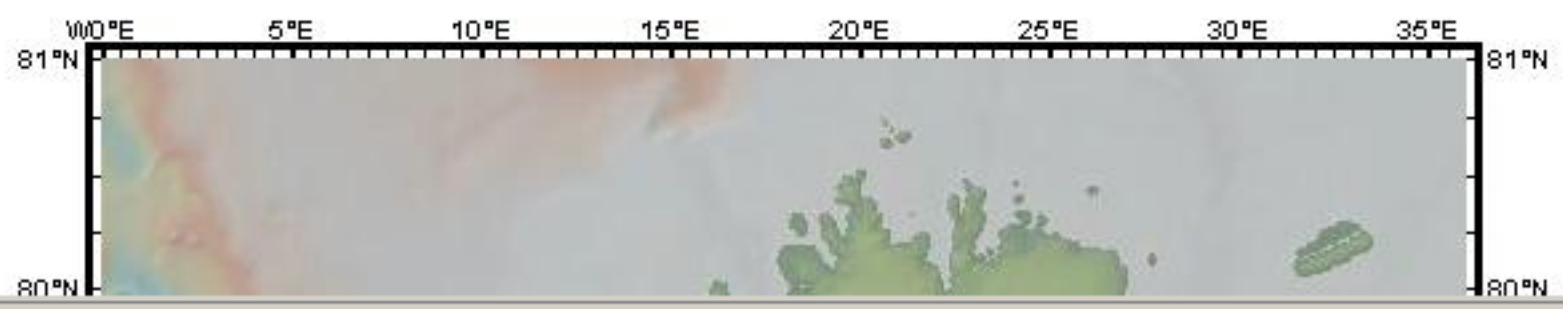
File name: getgridB.htm

Save as type: Firefox Document

Open

Cancel

1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Save As

Save in: MamVisAD

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places

- bin
- doc
- EnviroData
- Images
- jars
- jre
- jython
- MamVisAD_App
- Movies
- SavedProperties
- SMRUAccessDatabases

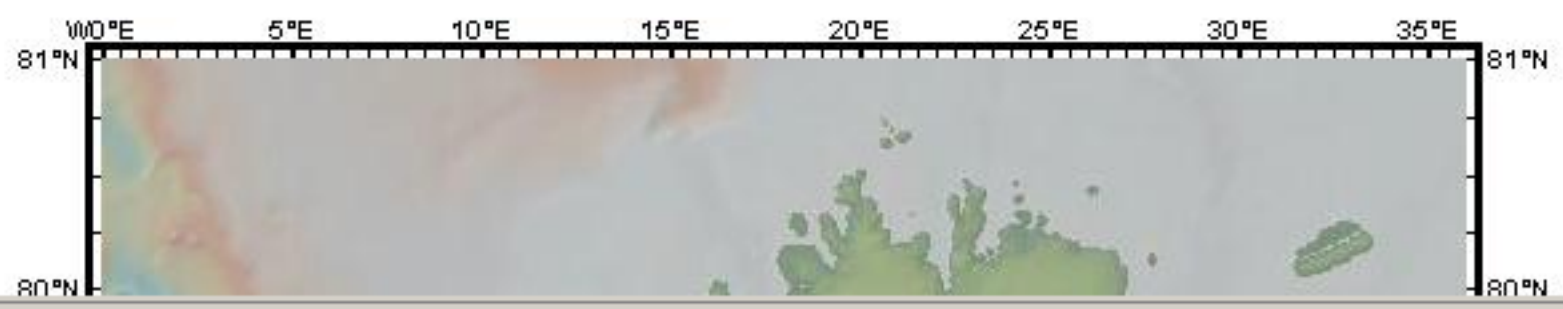
File name: getgridB.htm

Save as type: Firefox Document

Open

Cancel

1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Save As

Save in: EnviroData

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places

- Bathymetry
- CoastLines
- Imagery
- SeaIce_SST
- Vector_Features

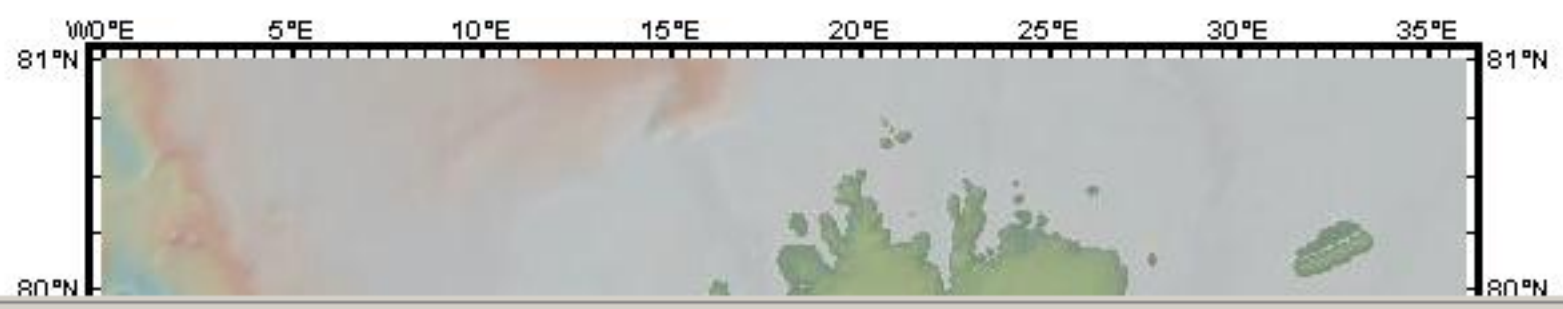
File name: getgridB.htm

Save as type: Firefox Document

Open

Cancel

1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Save As

Save in: Bathymetry

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places



File name: getgridB.htm

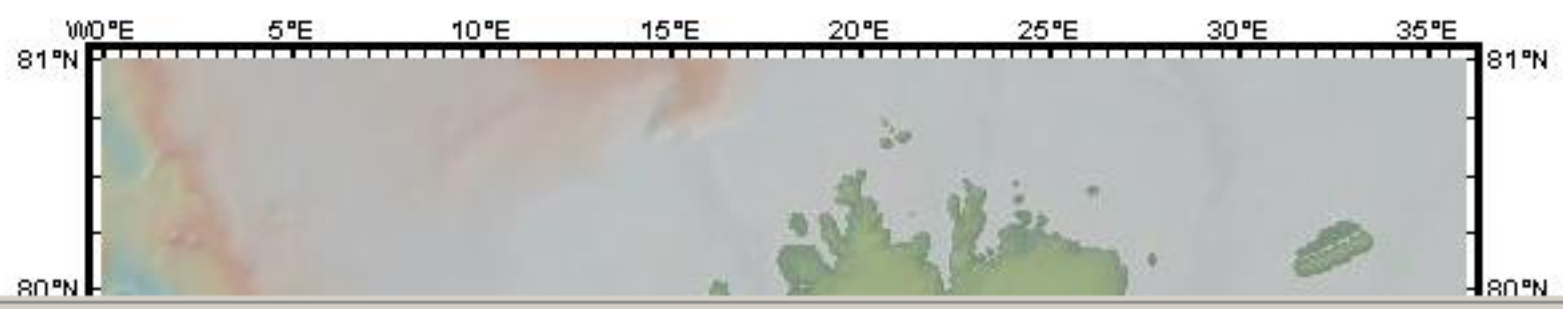
Save as type: Firefox Document

- Firefox Document
- All Files

Save

Cancel

1,625 m/node		512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Save in: Bathymetry

- etopo5.nc
- smallBlueMarble.grd

Map P
West
East
South
North
Map R
Image
Image
Down
Down
Digital
"mas
"unn

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places

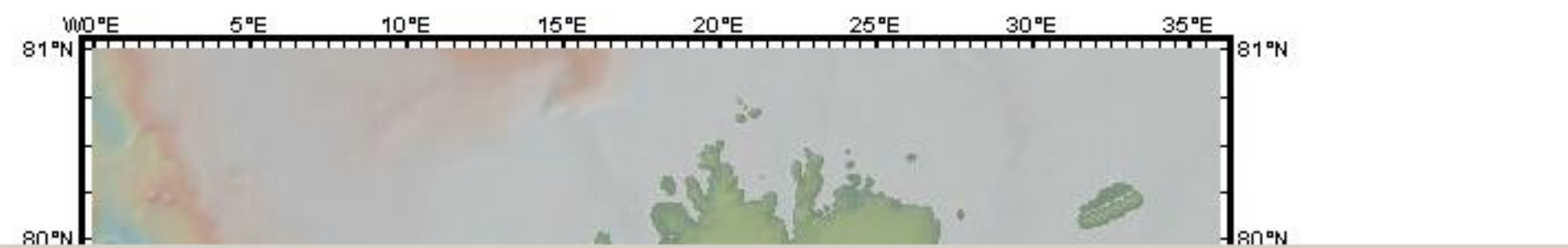
File name: getgridB.htm

Save as type: All Files

Save

Cancel

1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Save As

Save in: Bathymetry

- etopo5.nc
- smallBlueMarble.grd

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places

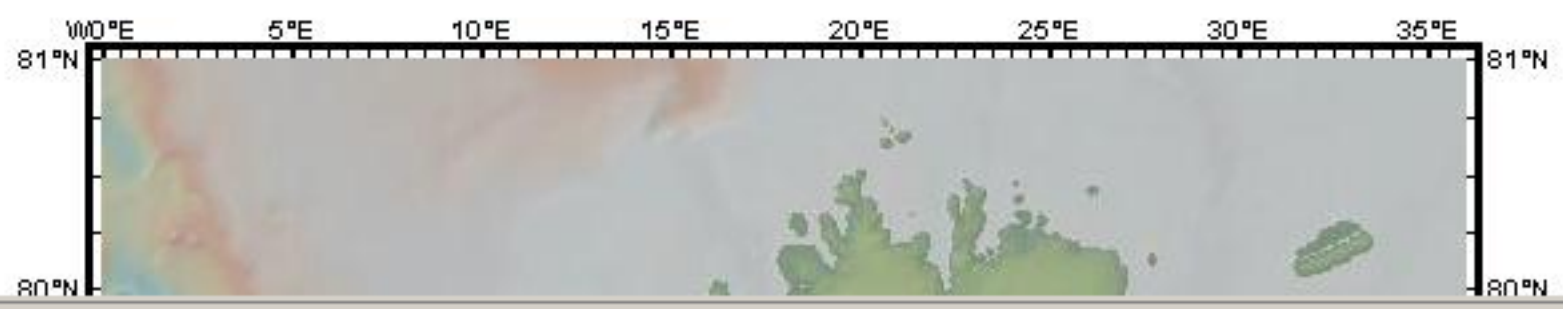
File name: svalbard.grd

Save as type: All Files

Save

Cancel

1,625 m/node	1,625 m/node	512 x 420 (same as map)
813 m/node	813 m/node	1024 x 840 (2X map resolution)
406 m/node	406 m/node	2048 x 1680 (4X - may not work)



Topography Map - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://ocean-ridge.ldeo.columbia.edu/cgi-bin/getmap st andrews

MGDS: Create Maps and Grids MGDS: Create Maps and Grids Topography Map

Map Projection Mercator

West 0.0

East 36.0

South 74.99584113238176

North 81.00569975636878

Map Resolution (meters/pixel) 1625.4317658152975

Image width 590.00000000000006

Image height 360.00000000000006

Download **N.B. If you chose a big grid you may have to wait awhile.....** tion.

Download following resolutions.





Digital Elevation Model (DEM) data for the area shown. The data is masked in areas where the DEM is not available. The data is not available in some areas elsewhere.

"masked" DEM data. The data is not available in some areas elsewhere.

"unmasked" DEM data. The data is not available in some areas elsewhere.

Global DEM where high-resolution data do not exist.

Downloads

	svallbard.grd Starting...	Cancel
	GeoMapApp.exe Done	Open Remove
	data.htm Done	Open Remove
	gom15.grd Done	Open Remove

Topography Map - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://ocean-ridge.ldeo.columbia.edu/cgi-bin/getmap st andrews

MGDS: Create Maps and Grids MGDS: Create Maps and Grids Topography Map

Map Projection Mercator

West 0.0

East 36.0

South 74.99584113238176

North 81.00569975636878

Map Resolution (meters/pixel) 1625.4317658152975

Image width (pixels) 512

Image height (pixels) 420





Download Map: Use "Save Image As .." browser function.

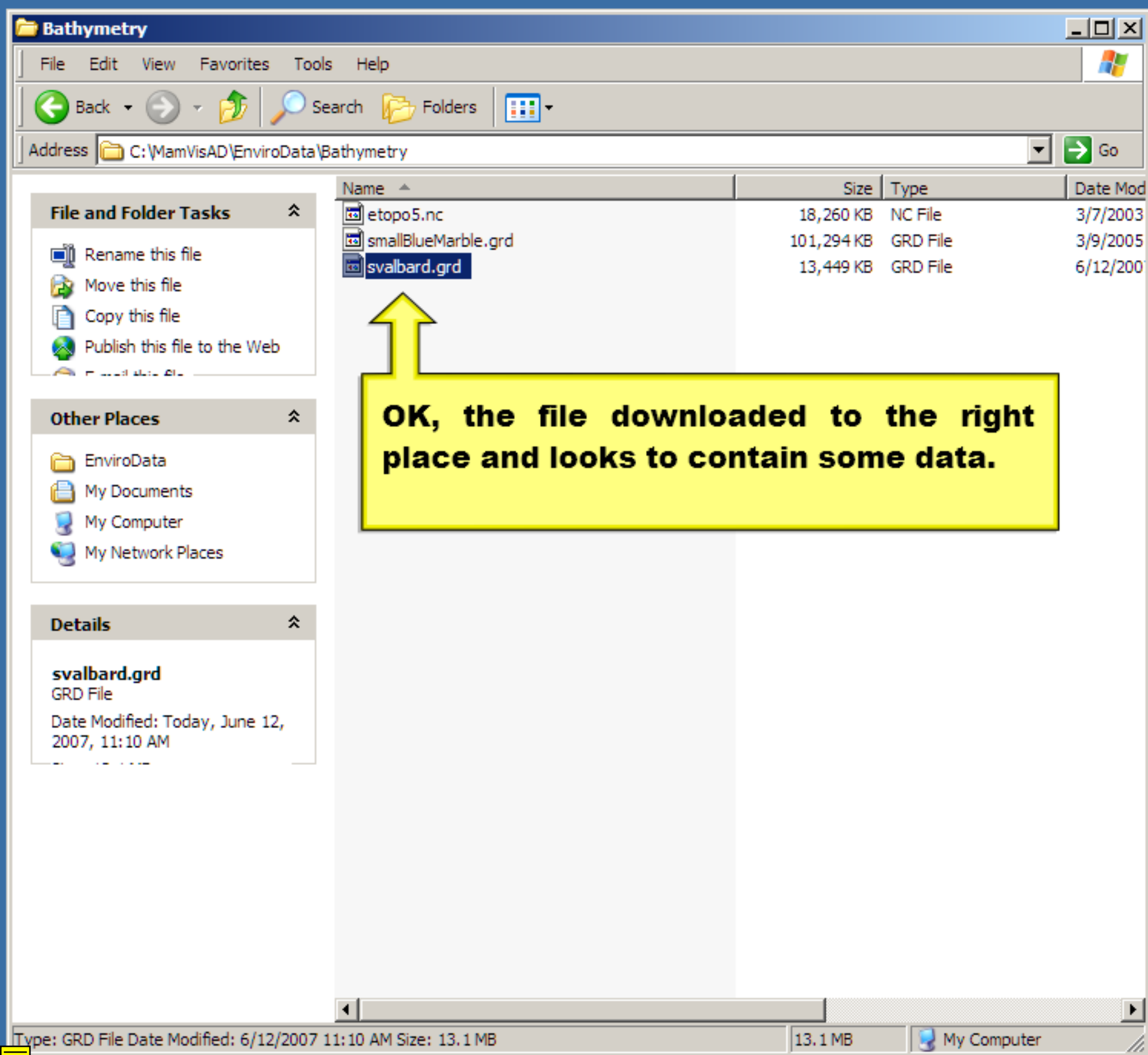
Download Grids: Choose grid for this area from the following resolutions.
Digital Elevation Model (DEM) in GMT - grd format.

"masked" grids contain only high-resolution data, NaNs elsewhere.

"unmasked" grids are filled with Smith & Sandwell's global DEM where high-resolution data do not exist.

Downloads

	svalbard.grd Done	Open Remove
	GeoMapApp.exe Done	Open Remove
	data.htm Done	Open Remove
	gom15.grd Done	Open Remove



OK, the file downloaded to the right place and looks to contain some data.



File and Folder Tasks

- Rename this file
- Move this file
- Copy this file
- Publish this file to the Web
- E-mail this file
- Delete this file

Other Places

- EnviroData
- My Documents
- My Computer
- My Network Places

Details

svalbard.grd
 GRD File
 Date Modified: Today, June 12, 2007, 11:10 AM
 Size: 13.1 MB

Name	Size	Type	Date Mod
etopo5.nc	18,260 KB	NC File	3/7/2003
smallBlueMarble.grd	101,294 KB	GRD File	3/9/2005
svalbard.grd	13,449 KB	GRD File	6/12/2007

File and Folder Tasks

- Make a new folder
- Publish this folder to the Web
- Share this folder

Other Places

- MamVisAD
- My Documents
- My Computer
- My Network Places

Details

EnviroData
File Folder

Date Modified: Thursday, June 07, 2007, 10:47 AM

Name	Size	Type	Date Mod
Bathymetry		File Folder	6/12/2007
CoastLines		File Folder	6/7/2007
Imagery		File Folder	6/7/2007
SeaIce_SST		File Folder	6/7/2007
Vector_Features		File Folder	6/7/2007

File and Folder Tasks

- Make a new folder
- Publish this folder to the Web
- Share this folder

Other Places

- Local Disk (C:)
- My Documents
- My Computer
- My Network Places

Details

MamVisAD
File Folder

Date Modified: Thursday, June 07, 2007, 10:47 AM

Name	Size	Type	Date Modified	Owner
bin		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
doc		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
EnviroData		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
Images		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jars		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jre		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jython		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
MamVisAD_App		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
Movies		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
SavedProperties		File Folder	6/7/2007 10:51 AM	SMRU\cjb22
SMRUAccessDatabases		File Folder	6/8/2007 6:49 PM	SMRU\cjb22
MamVisAD	2 KB	Shortcut	9/22/2005 2:11 PM	SMRU\cjb22
README.txt	4 KB	Text Document	1/15/2007 3:41 PM	SMRU\cjb22

File and Folder Tasks

- Rename this folder
- Move this folder
- Copy this folder
- Publish this folder to the Web

Other Places

- Local Disk (C:)
- My Documents
- My Computer
- My Network Places

Details

MamVisAD_App
File Folder
Date Modified: Thursday, June 07, 2007, 10:47 AM

Name	Size	Type	Date Modified	Owner
bin		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
doc		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
EnviroData		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
Images		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jars		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jre		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jython		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
MamVisAD_App		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
Movies		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
SavedProperties		File Folder	6/7/2007 10:51 AM	SMRU\cjb22
SMRUAccessDatabases		File Folder	6/8/2007 6:49 PM	SMRU\cjb22
MamVisAD	2 KB	Shortcut	9/22/2005 2:11 PM	SMRU\cjb22
README.txt	4 KB	Text Document	1/15/2007 3:41 PM	SMRU\cjb22

File and Folder Tasks

- Make a new folder
- Publish this folder to the Web
- Share this folder

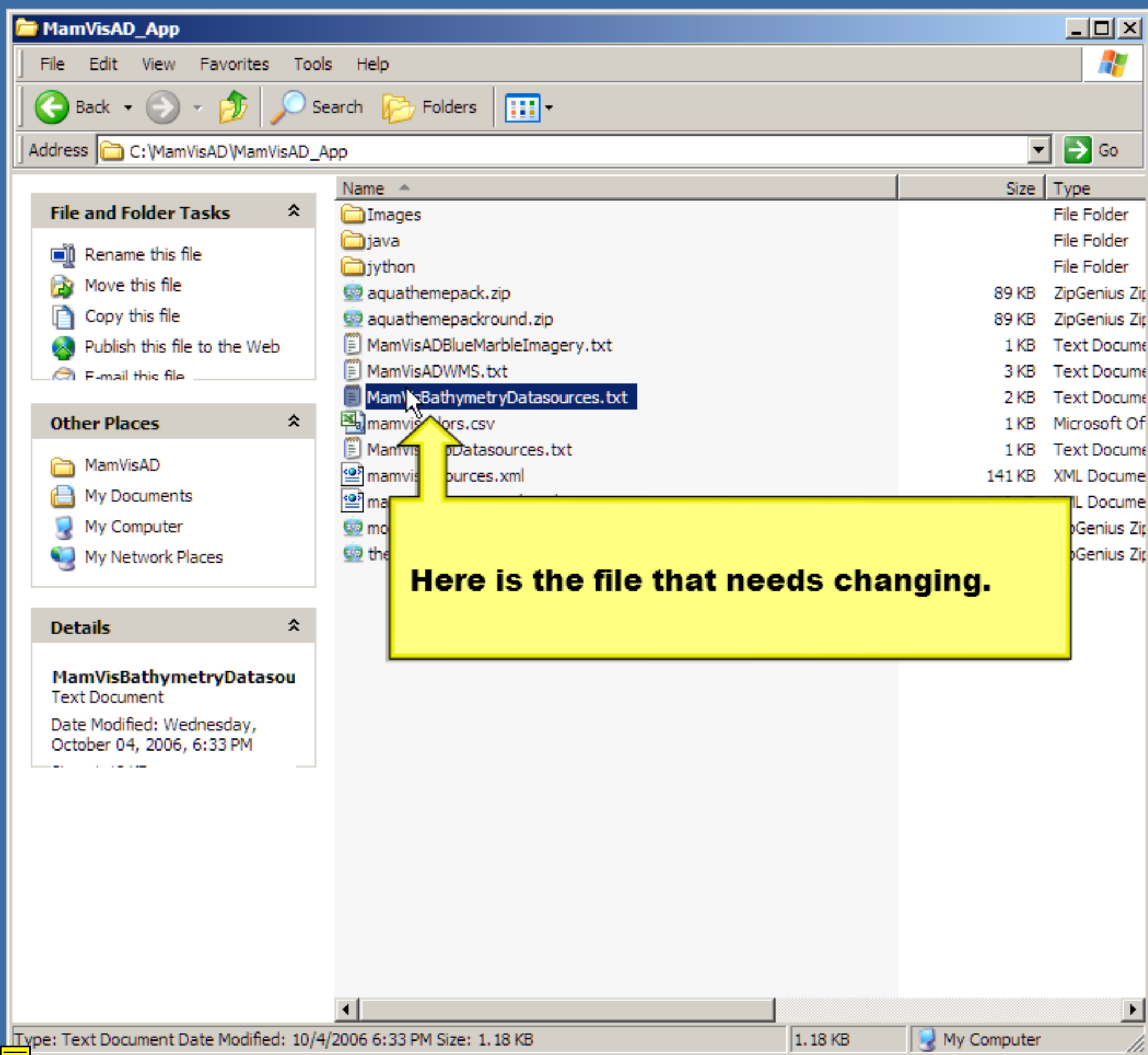
Other Places

- MamVisAD
- My Documents
- My Computer
- My Network Places

Details

MamVisAD_App

Name	Size	Type
Images		File Folder
java		File Folder
jython		File Folder
aquathemepack.zip	89 KB	ZipGenius Zip
aquathemepackround.zip	89 KB	ZipGenius Zip
MamVisADBlueMarbleImagery.txt	1 KB	Text Document
MamVisADWMS.txt	3 KB	Text Document
MamVisBathymetryDatasources.txt	2 KB	Text Document
mamviscolors.csv	1 KB	Microsoft Office
MamVisMapDatasources.txt	1 KB	Text Document
mamvisresources.xml	141 KB	XML Document
mamvisresourcesBack.xml	110 KB	XML Document
modernthemepack.zip	96 KB	ZipGenius Zip
themepack.zip	32 KB	ZipGenius Zip



Here is the file that needs changing.

File and Folder Tasks

- Rename this file
- Move this file
- Copy this file
- Publish this file to the Web
- E-mail this file

Other Places

- MamVisAD
- My Documents
- My Computer
- My Network Places

Details

MamVisBathymetryDatasou
Text Document
Date Modified: Wednesday,
October 04, 2006, 6:33 PM

Name	Size	Type
Images		File Folder
java		File Folder
jython		File Folder
aquathemepack.zip	89 KB	ZipGenius Zip
aquathemepackround.zip	89 KB	ZipGenius Zip
MamVisADBlueMarbleImagery.txt	1 KB	Text Document
MamVisADWMS.txt	3 KB	Text Document
MamVisBathymetryDatasources.txt	2 KB	Text Document
mamvis_bathymetry_datasources.csv	1 KB	Microsoft Office CSV
MamvisADDatasources.txt	1 KB	Text Document
mamvis_bathymetry_datasources.xml	141 KB	XML Document
...		...



File and Folder Tasks

- Rename this file
- Move this file
- Copy this file
- Publish this file to the Web
- E-mail this file
- Print this file
- Delete this file

Other Places

- MamVisAD
- My Documents
- My Computer
- My Network Places

Details

MamVisBathymetryDatasou
Text Document

Date Modified: Wednesday, October 04, 2006, 6:33 PM

Size: 1.18 KB

Name	Size	Type
Images		File Folder
java		File Folder
jython		File Folder
aquathemepack.zip	89 KB	ZipGenius Zip
aquathemepackround.zip	89 KB	ZipGenius Zip
MamVisADBlueMarbleImagery.txt	1 KB	Text Document
MamVisADWMS.txt	3 KB	Text Document
MamVisADWMS.txt	2 KB	Text Document
mamvisadwms.txt	1 KB	Microsoft Office Word Document
MamVisADWMS.txt	1 KB	Text Document
mamvisadwms.txt	141 KB	XML Document
mamvisadwms.txt	110 KB	XML Document
mode	96 KB	ZipGenius Zip
them	32 KB	ZipGenius Zip

Open

- Edit with Visual Studio .NET
- Print
- Create PDF and Bitmap Files with PDFCreator
- Edit
- Open with jEdit
- 7-Zip
- ALZip Self-Extractor (EXE)
- Add with ALZip
- Add to MamVisBathymetryDatasources.zip
- Add to MamVisBathymetryDatasources.zip and Email
- Publish DWF
- Publish DWF and Email
- Copy Path
- Open With
- PSPad**
- PSPad HEX
- PSPad TextDiff
- Add to archive...
- Add to "MamVisBathymetryDatasources.rar"
- Compress and email...
- Compress to "MamVisBathymetryDatasources.rar" and email
- Add to Zip...
- Add to "MamVisBathymetryDatasources.zip"



```

1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na:
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17

```



```

1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range

```

10 Small

11 #GEB

12 SoCh

13 Web-

14 Web-

15 Web-

16 Web-

17

- Help for Language
- Open file appointed by selection
- Text Diff with This File...
- Code Explorer window Shift+Ctrl+E
- Color Translator...
- Hex Edit MODE
- Close Ctrl+F4
- Reopen Active File Ctrl+R
- Cut Ctrl+X
- Copy Ctrl+C**
- Paste Ctrl+V
- Select All Ctrl+A
- Delete
- Paste Special
- Create Bookmark (or Alt+Left / Right)
- Goto Bookmark (or Alt+Up / Down)
- Select Inside Brackets Shift+Ctrl+M
- Show / Hide LOG window Ctrl+L

```

smallBlueMarble.grd,GMTgrd,z,x_range,y_range
idone.grd,GMTgrd,z,x_range,y_range
SoChanIs.grd,GMTgrd,z,x_range,y_range
/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
ry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
ry/MaskedSouth.grd,GMTgrd,z,x_range,y_range

```



```
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na:
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17
```



```
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na:
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range]
17
```

```
PSPad - [C:\MamVisAD\MamVisAD_App\MamVisBathymetryDatasources.txt *]
File Projects Edit Search View Format Tools Scripts HTML Settings Window Help
LOG
1.. New1.kml 2.. MamVisBathymetryDatasources.txt
0 10 20 30 40 50 60 70 80 90
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
18
17:78 (18) [1295] Text DOS Code page: ANSI (Windows)
Type: Text Document Date Modified: 10/4/2006 6:33 PM Size: 1.16 Kb 1.16 Kb My Computer
```



```
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na:
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17 Svalbard,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
18
```



```
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17 Svalbard,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
18
```




```
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na:
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17 Svalbard,../EnviroData/Bathymetry/svalbard.grd,GMTgrd,z,x_range,y_range
18
```



```
1 #filepath,Name to show,tiler routine name,2D variable name,longitde var name, latitude var na
2 ETOPO5,../EnviroData/Bathymetry/etopo5.nc,netCDF,topo,topo_lon,topo_lat
3 ETOPO2nc,../EnviroData/Bathymetry/etopo2A.nc,netCDF,val,lon,lat
4 ETOPO2,../EnviroData/Bathymetry/etopo2.nc,netCDF,btdata,lon,lat
5 ETOPO2_2006,../EnviroData/Bathymetry/etopo2_2006apr.nc,netCDF,z,x,y
6 ETOPO2v2,../EnviroData/Bathymetry/etopo2v2.nc,netCDF,Altitude,XAxis,YAxis
7 ETOPO2GMT,../EnviroData/Bathymetry/etopo2.grd,GMTgrd,z,x_range,y_range
8 IBCAO,../EnviroData/Bathymetry/ibcao_full.grd,GMTgrd,z,x_range,y_range
9 BEDMAP,../EnviroData/Bathymetry/BEDMAP_Bathymetry.grd,GMTgrd,z,x_range,y_range
10 SmallBM,../EnviroData/Bathymetry/smallBlueMarble.grd,GMTgrd,z,x_range,y_range
11 #GEBCO,../EnviroData/Bathymetry/gridone.grd,GMTgrd,z,x_range,y_range
12 SoChanIs,../EnviroData/Bathymetry/SoChanIs.grd,GMTgrd,z,x_range,y_range
13 Web-north,../EnviroData/Bathymetry/NorthernHemisphere.grd,GMTgrd,z,x_range,y_range
14 Web-south,../EnviroData/Bathymetry/SouthernHemisphere.grd,GMTgrd,z,x_range,y_range
15 Web-Nmasked,../EnviroData/Bathymetry/MaskedNorth.grd,GMTgrd,z,x_range,y_range
16 Web-Smasked,../EnviroData/Bathymetry/MaskedSouth.grd,GMTgrd,z,x_range,y_range
17 Svalbard,../EnviroData/Bathymetry/svalbard.grd,GMTgrd,z,x_range,y_range
18
```

File and Folder Tasks

- Rename this file
- Move this file
- Copy this file
- Publish this file to the Web
- E-mail this file
- Print this file
- Delete this file

Other Places

- MamVisAD
- My Documents
- My Computer
- My Network Places

Details

MamVisBathymetryDatasou
Text Document

Date Modified: Today, June 12, 2007, 11:12 AM

Size: 1.25 KB

Name	Size	Type
Images		File Folder
java		File Folder
jython		File Folder
aquathemepack.zip	89 KB	ZipGenius Zip
aquathemepackround.zip	89 KB	ZipGenius Zip
MamVisADBlueMarbleImagery.txt	1 KB	Text Document
MamVisADWMS.txt	3 KB	Text Document
MamVisBathymetryDatasources.txt	2 KB	Text Document
mamviscolors.csv	1 KB	Microsoft Of
MamVisMapDatasources.txt	1 KB	Text Document
mamvisresources.xml	141 KB	XML Document
mamvisresourcesBack.xml	110 KB	XML Document
modernthemepack.zip	96 KB	ZipGenius Zip
themepack.zip	32 KB	ZipGenius Zip

File and Folder Tasks

- Rename this file
- Move this file
- Copy this file
- Publish this file to the Web
- E-mail this file
- Delete this file

Other Places

- Local Disk (C:)
- My Documents
- My Computer
- My Network Places

Details

MamVisAD
Shortcut
Date Modified: Thursday, September 22, 2005, 2:11 PM
Size: 1.58 KB

Name	Size	Type	Date Modified	Owner
bin		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
doc		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
EnviroData		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
Images		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jars		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jre		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
jython		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
MamVisAD_App		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
Movies		File Folder	6/7/2007 10:47 AM	SMRU\cjb22
SavedProperties		File Folder	6/7/2007 10:51 AM	SMRU\cjb22
SMRUAccessDatabases		File Folder	6/8/2007 6:49 PM	SMRU\cjb22
MamVisAD	2 KB	Shortcut	9/22/2005 2:11 PM	SMRU\cjb22
README.txt	4 KB	Text Document	1/15/2007 3:41 PM	SMRU\cjb22

MamVisAD

File Edit View Favorites Tools Help

Back Forward Search Folders

Address C:\MamVisAD Go

Name	Size	Type	Date Modified	Owner
------	------	------	---------------	-------

File and Folder Tasks

- Rename this file
- Move this file
- Copy this file
- Publish this file to the Web
- E-mail this file
- Delete this file

Other Places

- Local Disk (C:)
- My Documents
- My Computer
- My Network Places

Details

MamVisAD
Shortcut
Date Modified: Thursday, September 22, 2005, 2:11 PM
Size: 1.58 KB

C:\ MamVisAD

```
Starting MamVisAD.....
```

EXIT



WMS Selection Modes Waypoints Movie Settings
 Bathymetry Vectors Rasters BlueMarble
Tracks Toggle View 3D Adv 3D

Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Name	3D	2D	CTD	SS

3D All On 3D All Off

Current Source:
None

Choose New Source
 Last loaded tracks
 Select Animals
 Line Attribs Remove Sele...

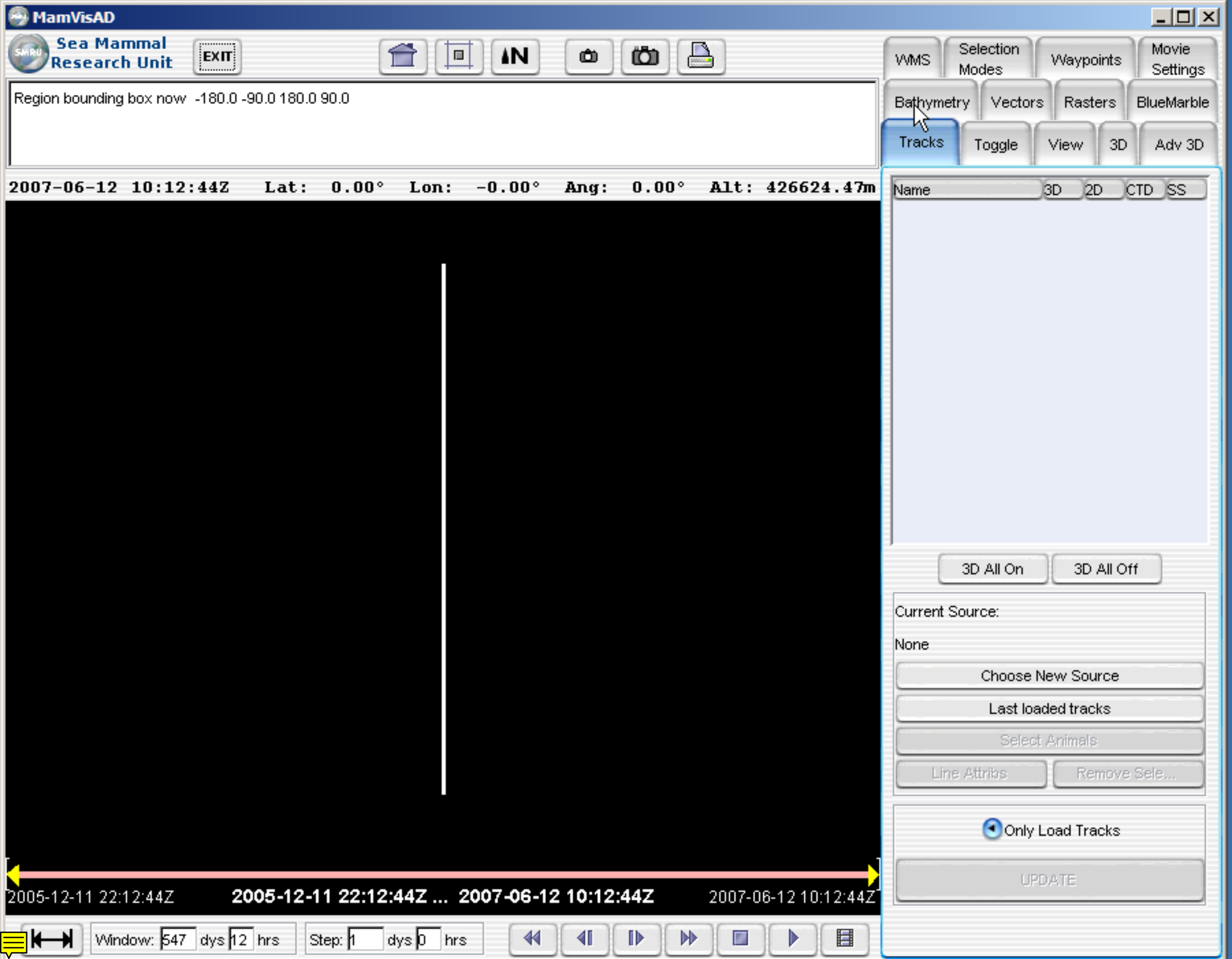
Only Load Tracks

UPDATE

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: 547 dys 12 hrs Step: 1 dys 0 hrs

Navigation icons: Previous, Play, Next, Stop, Home, Refresh



EXIT



WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle View 3D Adv 3D

Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m

Name	3D	2D	CTD	SS

3D All On 3D All Off

Current Source:

None

Choose New Source

Last loaded tracks

Select Animals

Line Attribs Remove Sele...

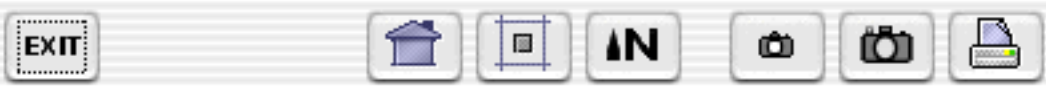
Only Load Tracks

UPDATE

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

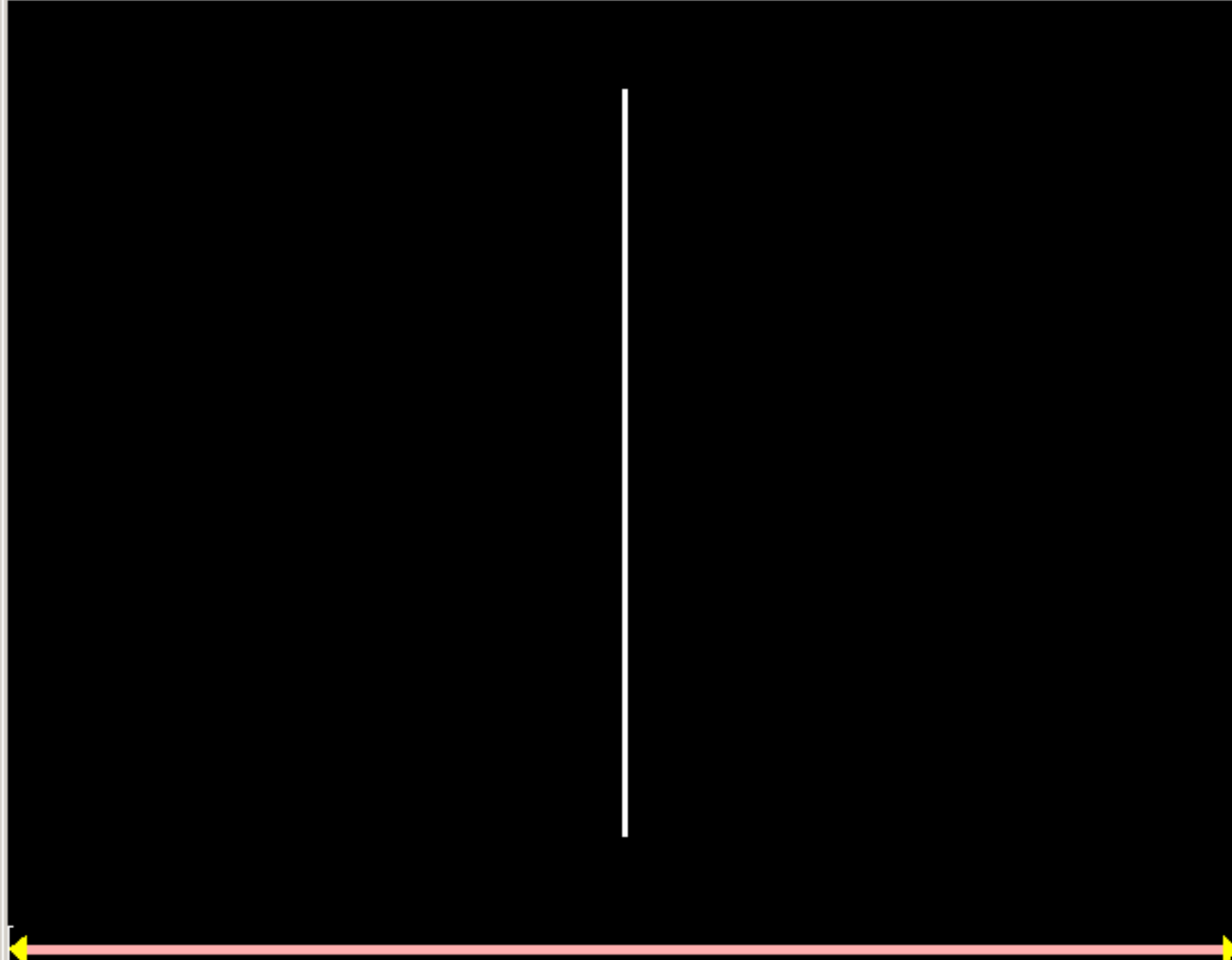
Window: 547 dys 12 hrs Step: 1 dys 0 hrs

Navigation icons: Home, Previous, Play, Next, Full Screen, Stop



Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

90.000
-180.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use:

Subset by at least:

Normal Land=0 Land/5
 Land/10 Land=MDI

Add Remove

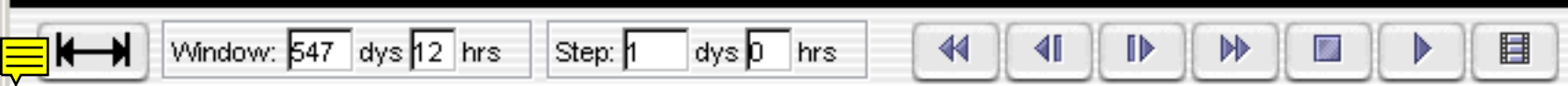
Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	<input type="text" value="500.0"/>	<input type="text" value="1000.0"/>
None Below	<input type="text" value="-10000.0"/>	<input type="text" value="-20000.0"/>
None Above	<input type="text" value="-1.0"/>	<input type="text" value="10000.0"/>

Apply New Values

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z



Change Colours

EXIT



Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

90.000
-180.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: ETOPO5

Subset by at l: Svalbard

Normal Land=0 Land/5
 Land/10 Land=MDI

Add Remove

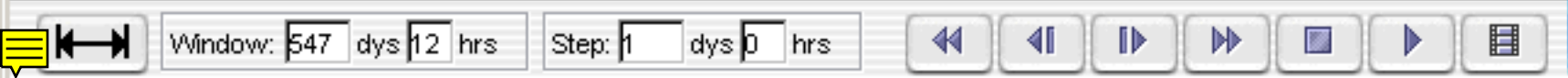
Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

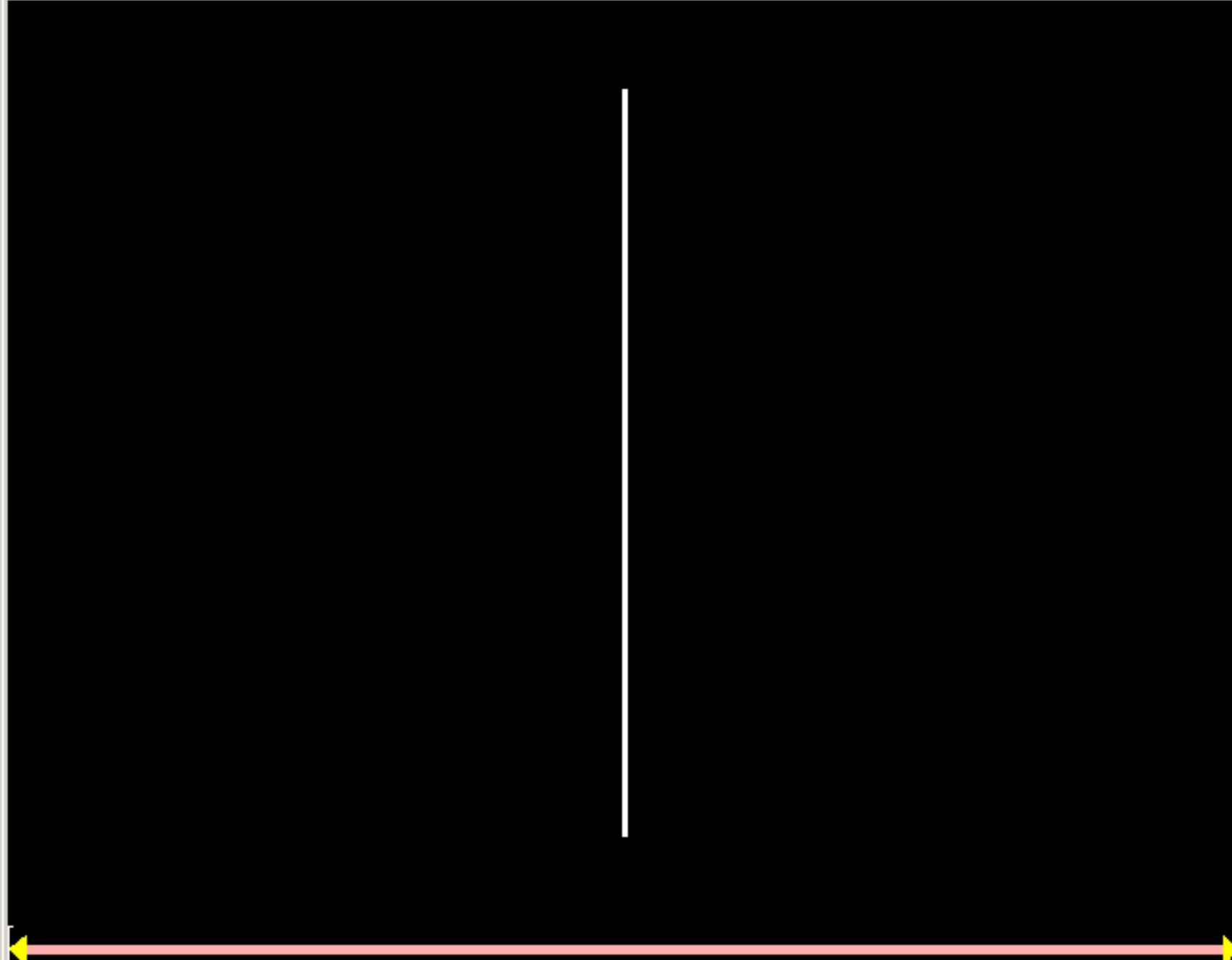
2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z



Change Colours

Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

-180.000 90.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: Svalbard

Subset by at least: 32

Normal
 Land=0
 Land/5
 Land/10
 Land=MDI

Add Remove

Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

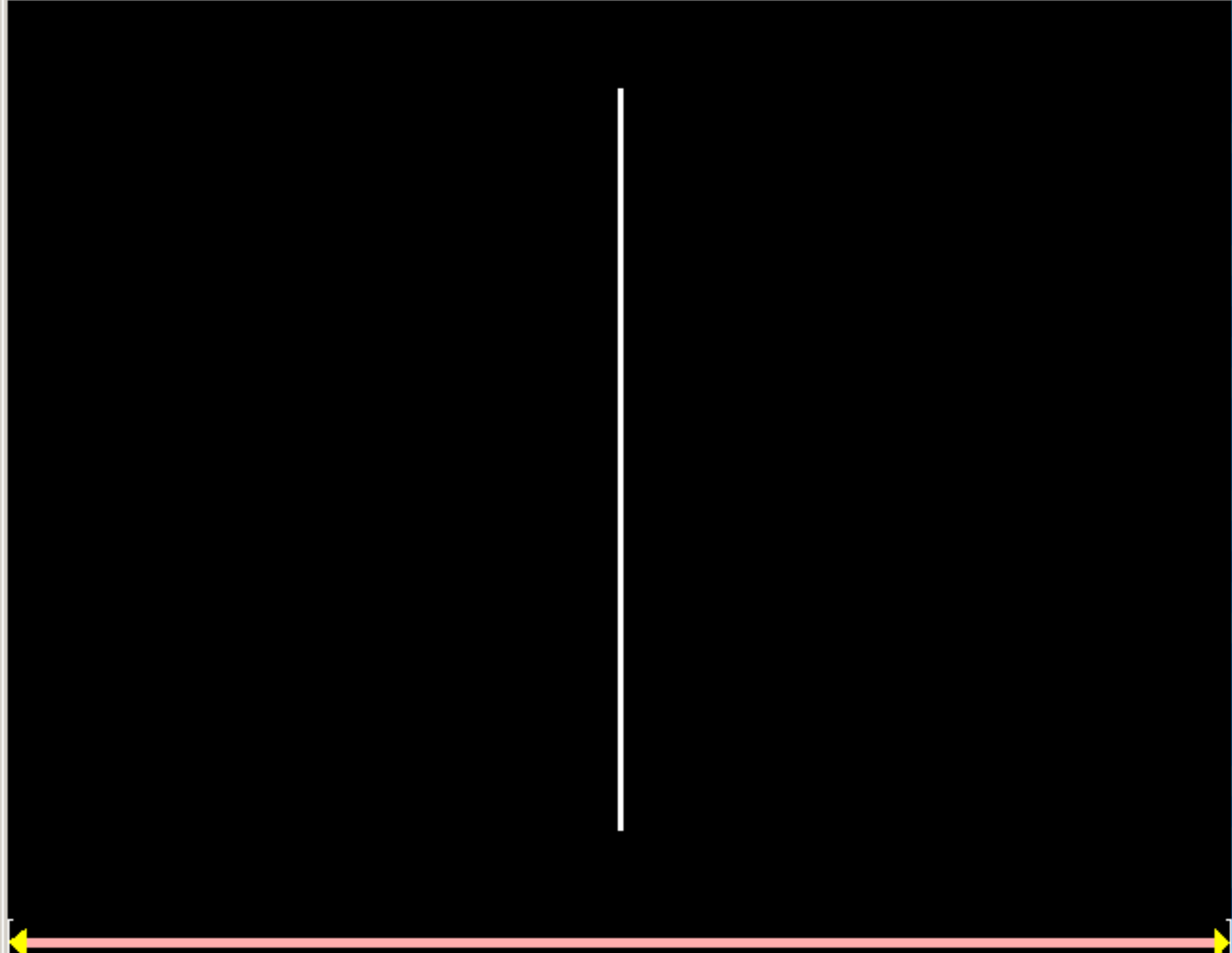
2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

EXIT



Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

-180.000 90.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: Svalbard

Subset by at least: 32

Normal Land=0/5
 Land/10 Land=1/4

Add

32
16
8
4
2
1

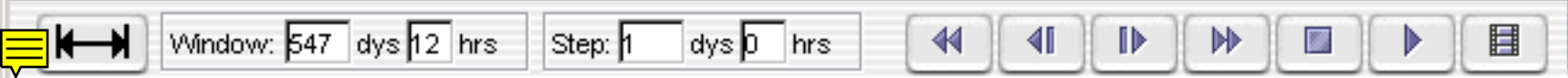
Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z



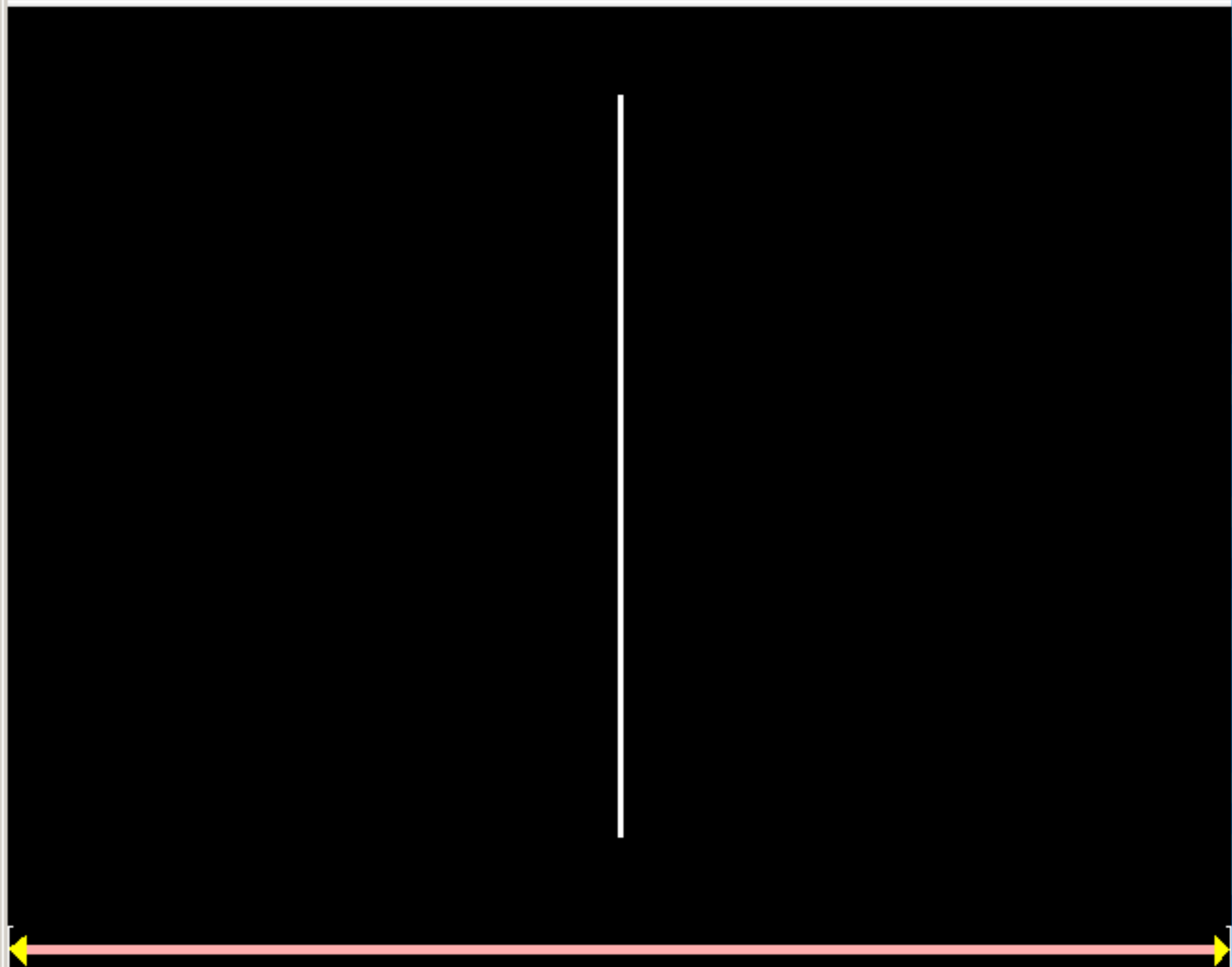
Change Colours

EXIT



Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

90.000
-180.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: Svalbard

Subset by at least: 1

Normal
 Land=0
 Land/5
 Land/10
 Land=MDI

Add Remove

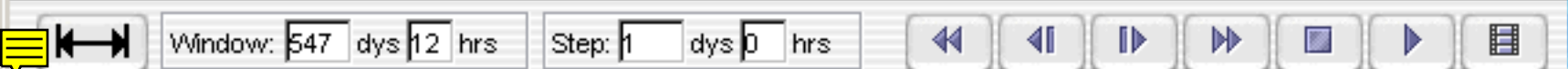
Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z



Window: 547 dys 12 hrs Step: 1 dys 0 hrs

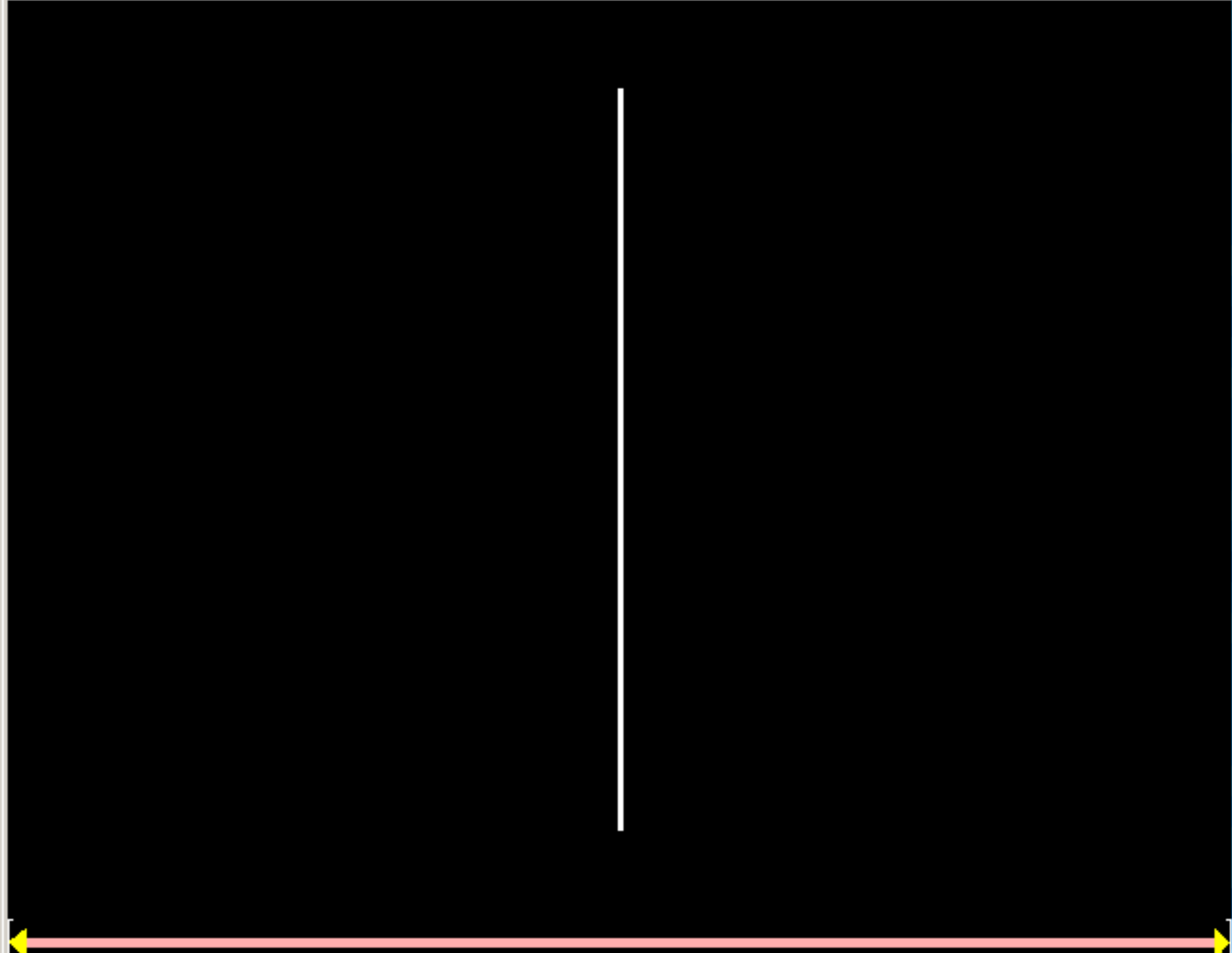
Change Colours

EXIT



Region bounding box now -180.0 -90.0 180.0 90.0

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

90.000
-180.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: Svalbard

Subset by at least: 1

Normal
 Land=0
 Land/5
 Land/10
 Land=MDI

Alt Remove

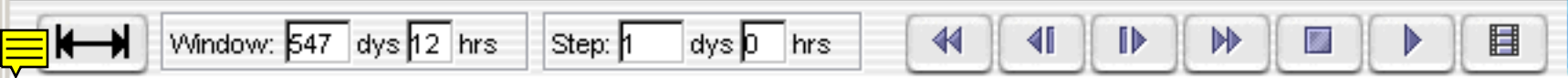
Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z



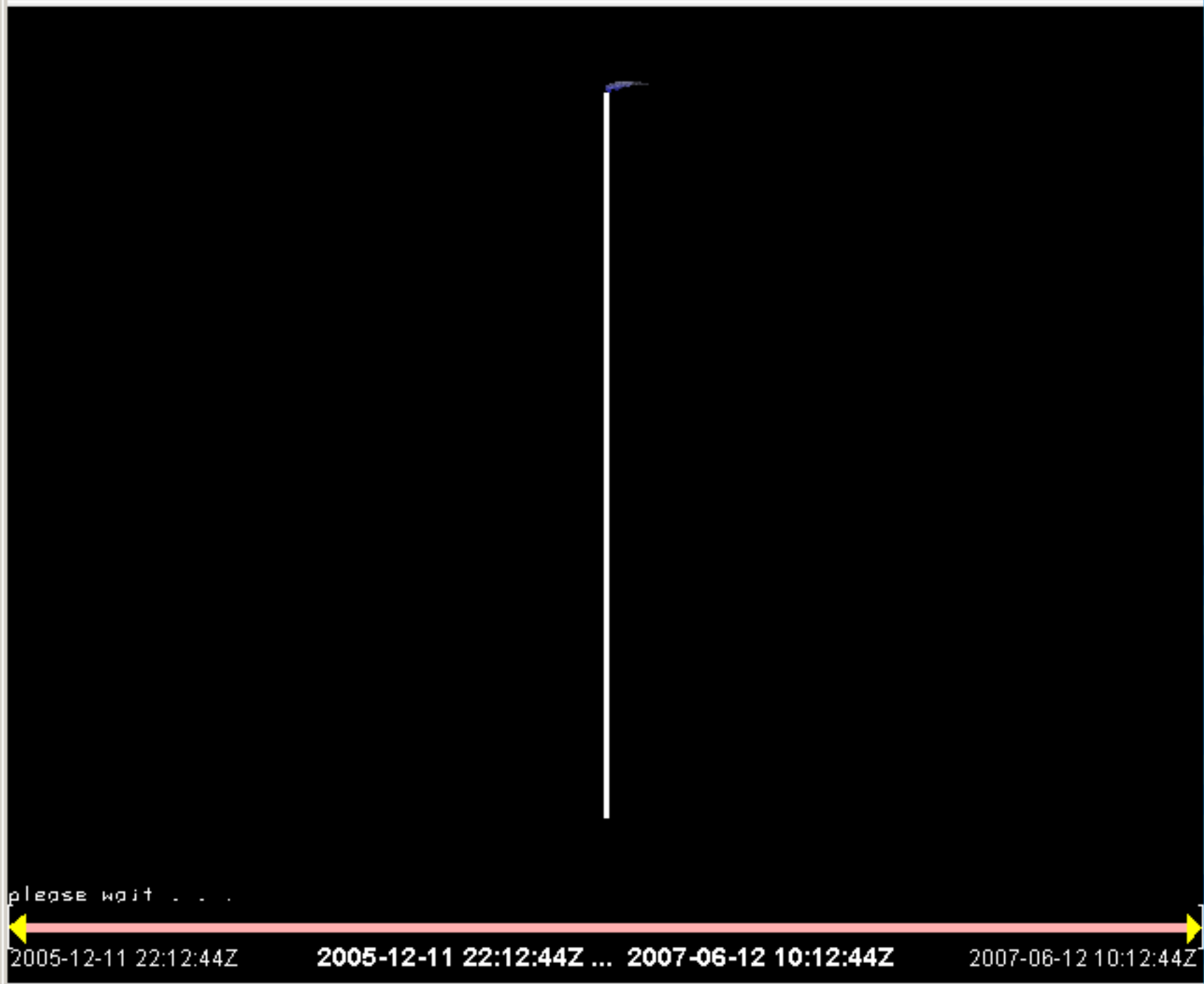
Change Colours

EXIT



Getting tile 7 of 9
Getting tile 8 of 9
Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

90.000
-180.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: Svalbard

Subset by at least: 1

Normal
 Land=0
 Land/5
 Land/10
 Land=MDI

Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

please wait . . .

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

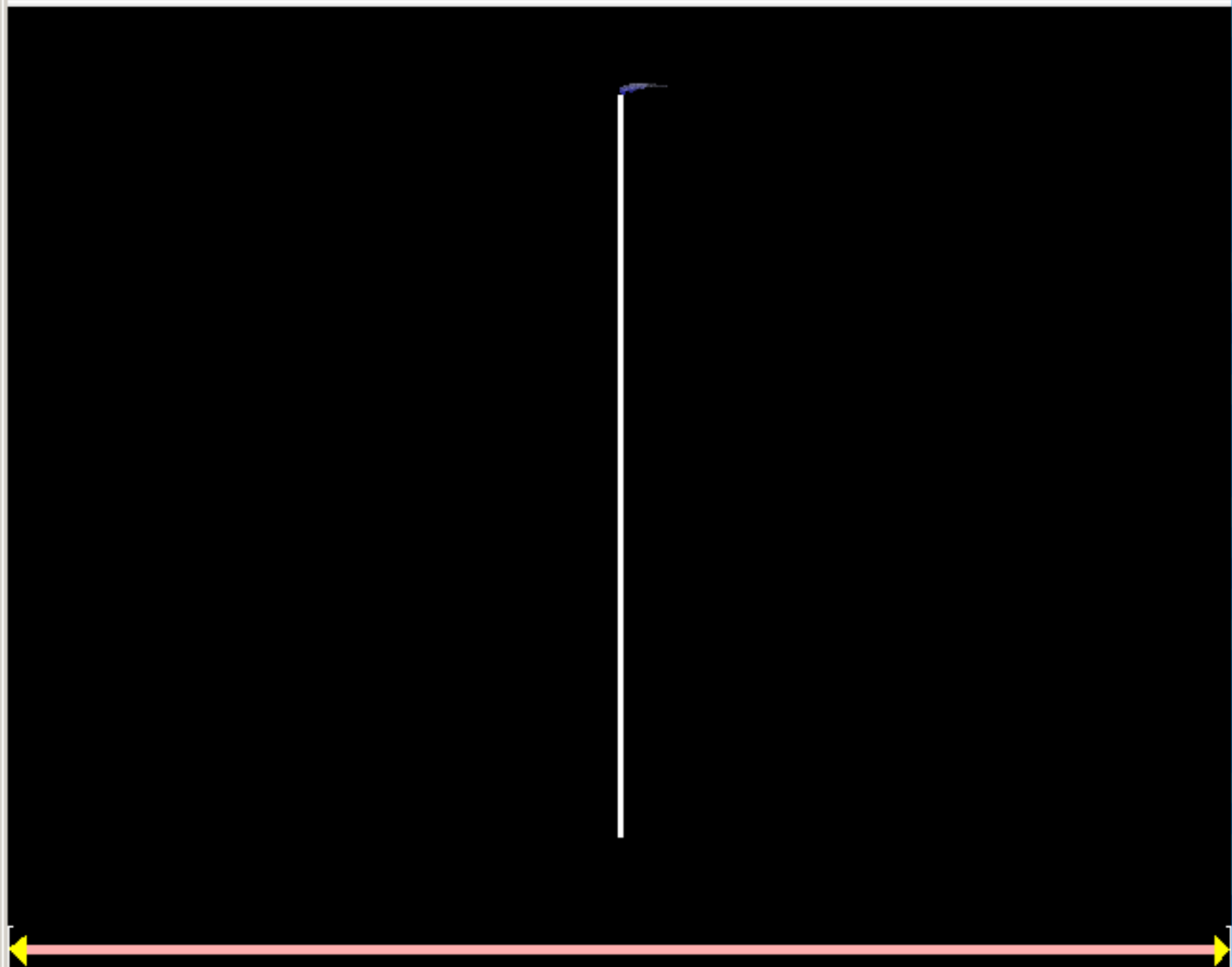
Change Colours

EXIT



Getting tile 7 of 9
Getting tile 8 of 9
Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Choose Region

90.000
-180.000 180.000
-90.000

Auto Choose Region

Main Bathymetry

Dataset to use: Svalbard

Subset by at least: 1

Normal
 Land=0
 Land/5
 Land/10
 Land=MDI

Add Remove

Contouring

Activate

Method	<input checked="" type="checkbox"/> Lines	<input type="checkbox"/> Fill(slow)
Interval	500.0	1000.0
None Below	-10000.0	-20000.0
None Above	-1.0	10000.0

Apply New Values

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Change Colours

EXIT



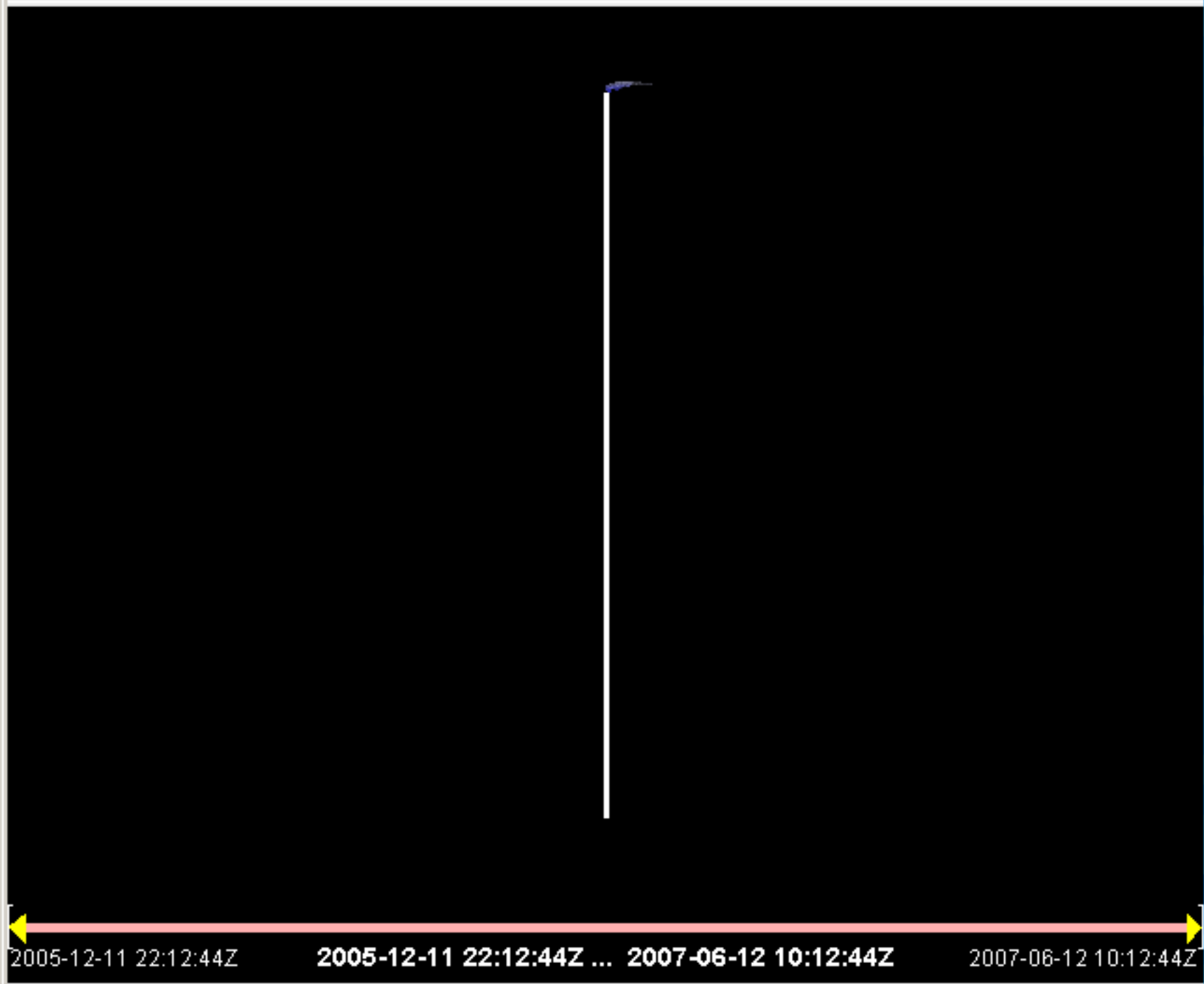
WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle **View** 3D Adv 3D

Getting tile 7 of 9
 Getting tile 8 of 9
 Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat Go

Alt m Go

Bearing degs Go

Pitch +/-90 Go

Set Date/Time

YYYY	MM	DD	hh	mm
2004	1	1	12	0

Update Time Window

Home view

Set current view as Home

Go to current Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: dys hrs Step: dys hrs

Navigation icons: Previous, Play, Next, Home, Stop

EXIT



WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle **View** 3D Adv 3D

Getting tile 7 of 9
 Getting tile 8 of 9
 Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat

Alt m

Bearing degs

Pitch +/-90

Set Date/Time

YYYY	MM	DD	hh	mm
2004	1	1	12	0

Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: dys hrs Step: dys hrs

Navigation icons: Previous, Play, Next, Home, Stop

EXIT



WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle **View** 3D Adv 3D

Getting tile 7 of 9
 Getting tile 8 of 9
 Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 0.00° Lon: -0.00° Ang: 0.00° Alt: 426624.47m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat

Alt m

Bearing degs

Pitch +/-90

Set Date/Time

YYYY	MM	DD	hh	mm
2004	1	1	12	0

Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: dys hrs Step: dys hrs

Navigation controls: Home, Previous, Play, Next, Stop, Full Screen

EXIT



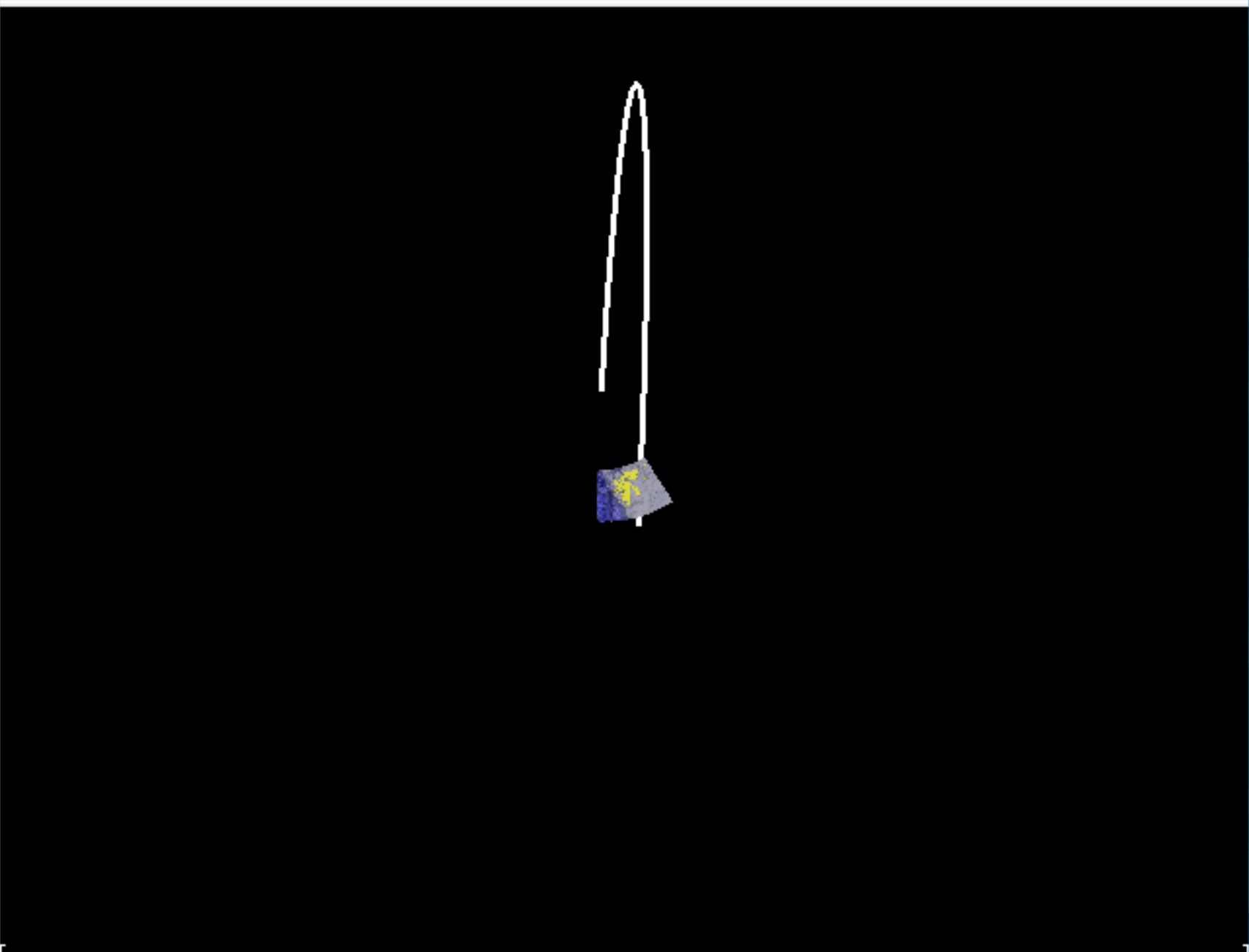
WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle **View** 3D Adv 3D

Getting tile 7 of 9
 Getting tile 8 of 9
 Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 80.00° Lon: 18.00° Ang: 15.14° Alt: 426624.47m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat Go

Alt m Go

Bearing degs Go

Pitch +/-90 Go

Set Date/Time

YYYY	MM	DD	hh	mm
2004	1	1	12	0

Update Time Window

Home view

Set current view as Home

Go to current Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: dys hrs Step: dys hrs

Navigation icons: Previous, Play, Next, Stop, Home, Refresh

EXIT



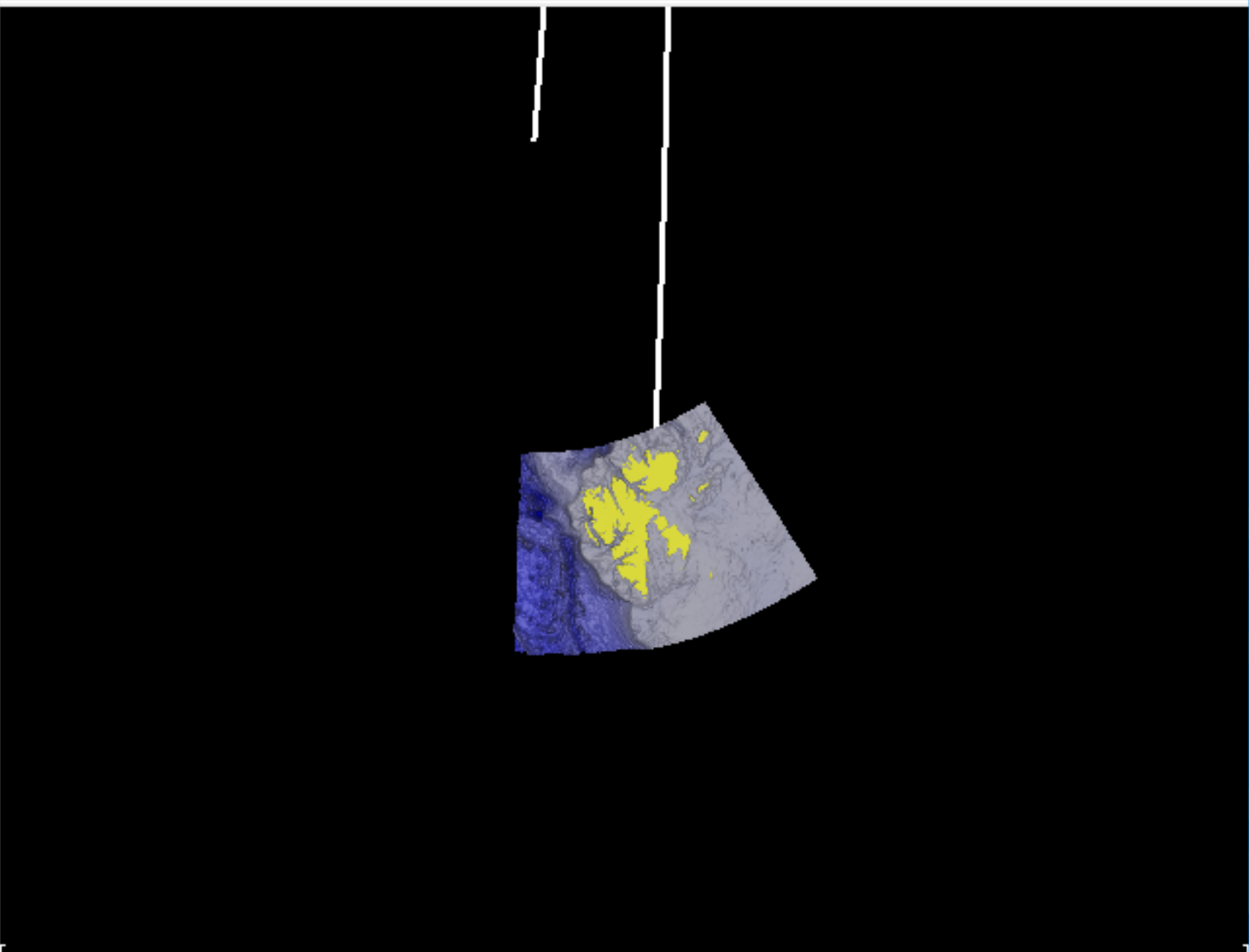
WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle **View** 3D Adv 3D

Getting tile 7 of 9
 Getting tile 8 of 9
 Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 80.00° Lon: 18.00° Ang: 15.14° Alt: 106656.11m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat

Alt m

Bearing degs

Pitch +/-90

Set Date/Time

YYYY MM DD hh mm

Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: dys hrs Step: dys hrs

Navigation icons: Previous, Play, Next, Stop, Full Screen

EXIT



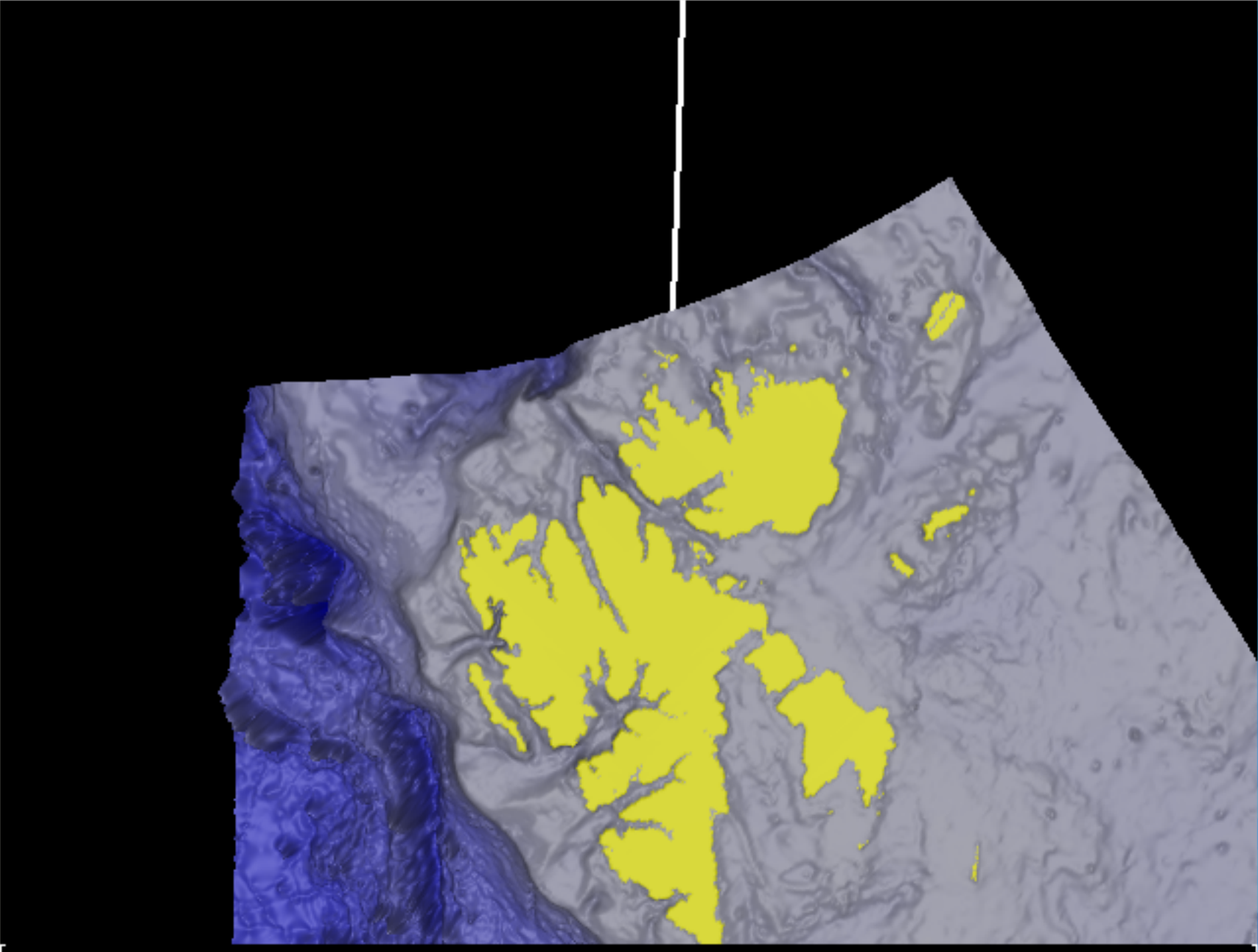
WMS Selection Modes Waypoints Movie Settings

Bathymetry Vectors Rasters BlueMarble

Tracks Toggle **View** 3D Adv 3D

Getting tile 7 of 9
 Getting tile 8 of 9
 Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 80.00° Lon: 18.00° Ang: 15.14° Alt: 106656.11m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat 18 80 Go

Alt m 500000.0 Go

Bearing degs 0.0 Go

Pitch +/-90 -90.0 Go

Set Date/Time

YYYY MM DD hh mm

2004 1 1 12 0

Update Time Window

Home view

Set current view as Home

Go to current Home view

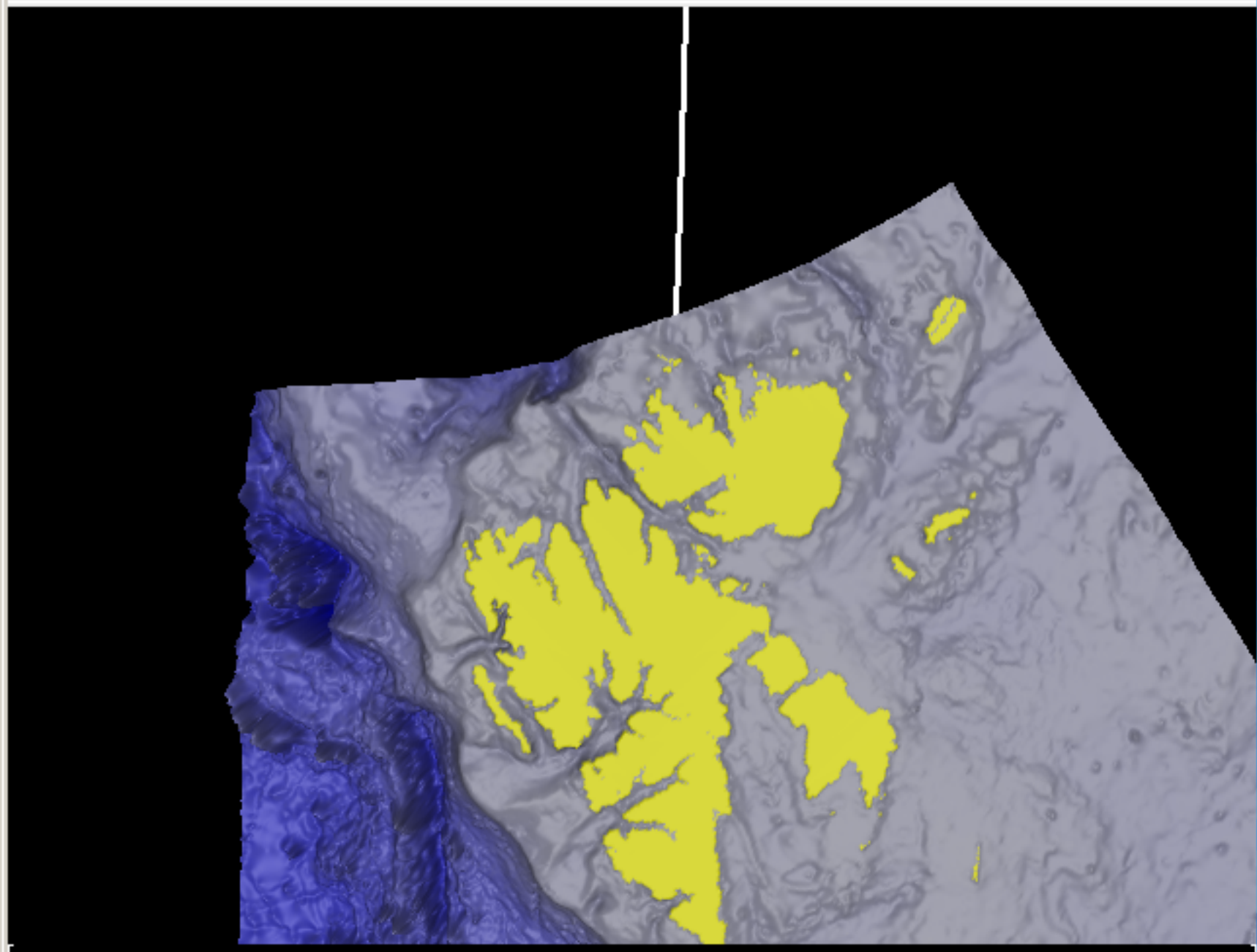
2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Window: 547 dys 12 hrs Step: 1 dys 0 hrs

Navigation controls: Previous, Play, Next, Home, Stop

Getting tile 7 of 9
Getting tile 8 of 9
Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 80.00° Lon: 18.00° Ang: 15.14° Alt: 26664.04m



Goto midpoint of tracks

N

W E

S

Feet Ahead Sky

100m

Set Viewpoint

Lon/Lat

Alt m

Bearing degs

Pitch +/-90

Set Date/Time

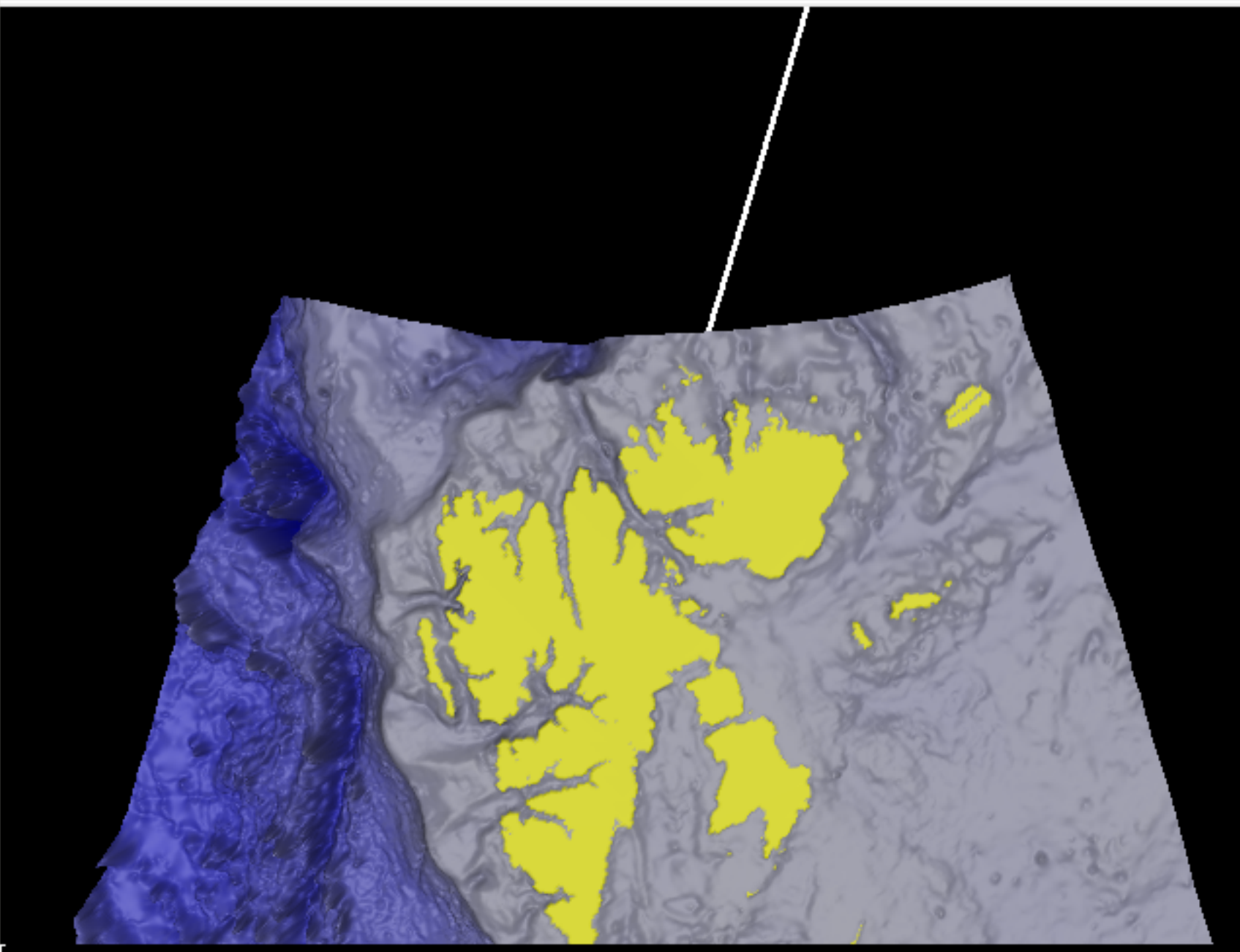
YYYY	MM	DD	hh	mm
2004	1	1	12	0

Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Getting tile 7 of 9
Getting tile 8 of 9
Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 80.00° Lon: 18.00° Ang: 15.14° Alt: 26664.04m



Goto midpoint of tracks
N
W E
S
Feet Ahead Sky
100m

Set Viewpoint
Lon/Lat 18 80 Go
Alt m 500000.0 Go
Bearing degs 0.0 Go
Pitch +/-90 -90.0 Go

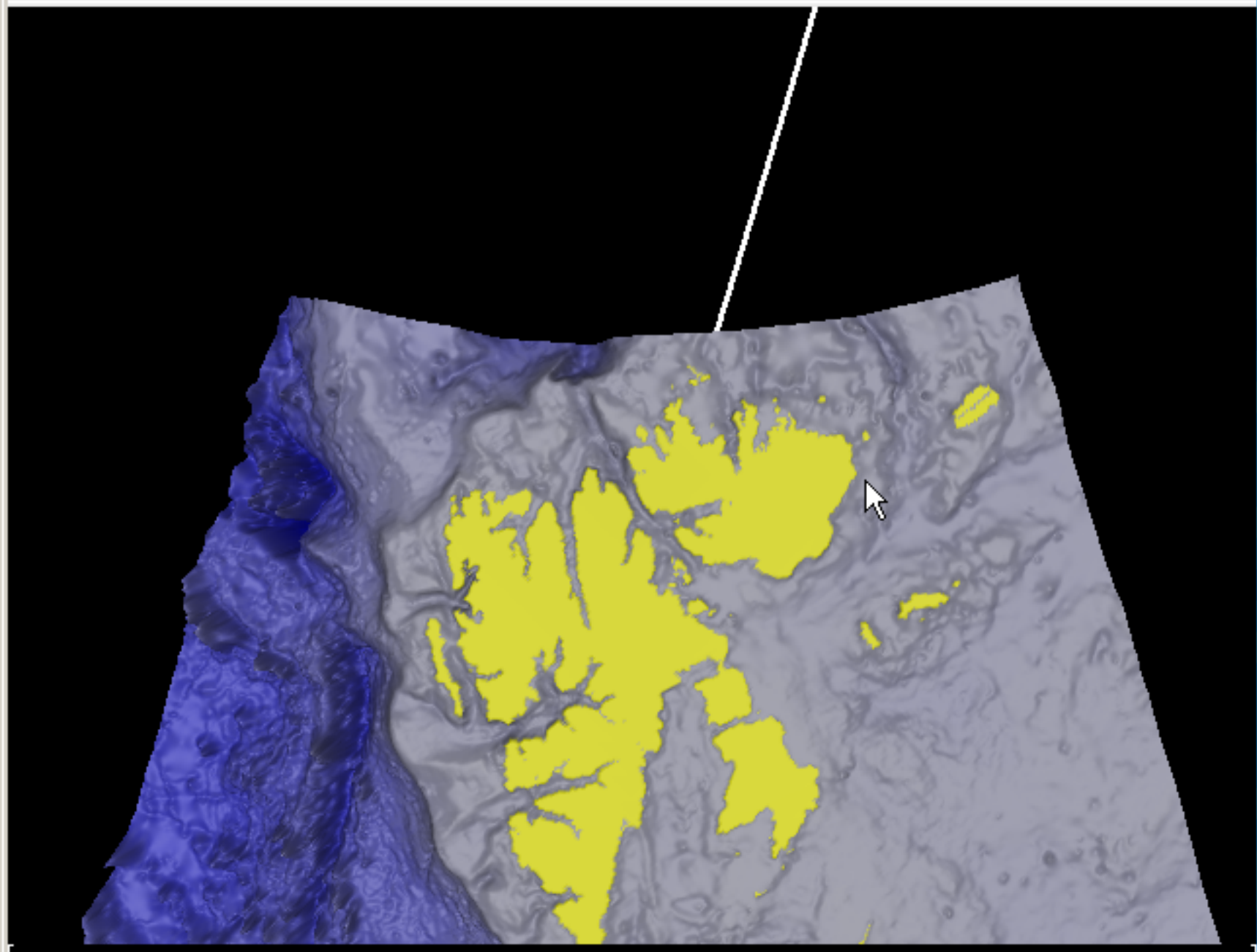
Set Date/Time
YYYY MM DD hh mm
2004 1 1 12 0
Update Time Window

Home view
Set current view as Home
Go to current Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Getting tile 7 of 9
Getting tile 8 of 9
Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 80.00° Lon: 18.00° Ang: 15.14° Alt: 26664.04m



Goto midpoint of tracks
N
W E
S
Feet Ahead Sky
100m

Set Viewpoint
Lon/Lat 18 80 Go
Alt m 500000.0 Go
Bearing degs 0.0 Go
Pitch +/-90 -90.0 Go

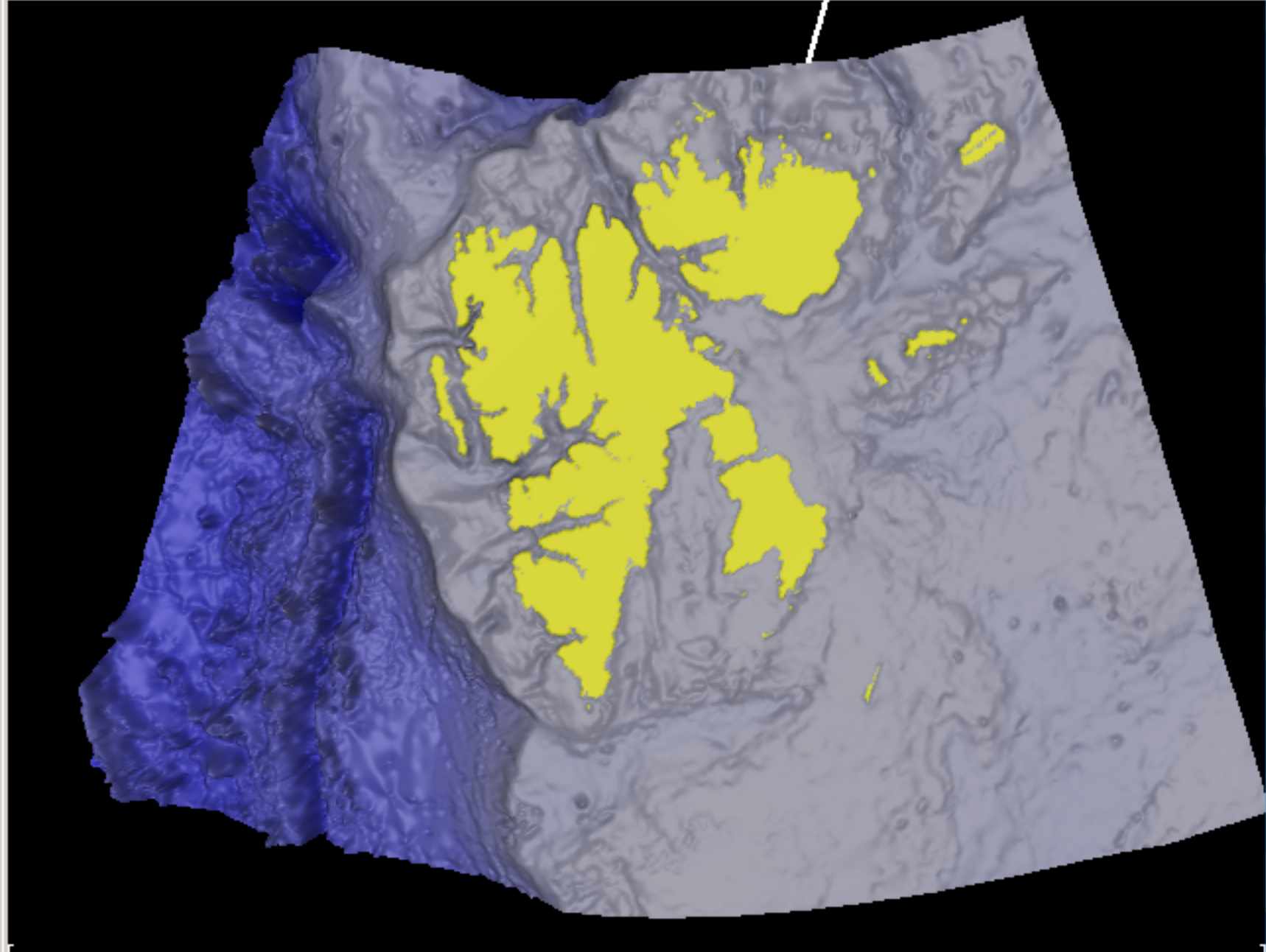
Set Date/Time
YYYY MM DD hh mm
2004 1 1 12 0
Update Time Window

Home view
Set current view as Home
Go to current Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z

Getting tile 7 of 9
Getting tile 8 of 9
Getting tile 9 of 9

2007-06-12 10:12:44Z Lat: 78.16° Lon: 17.97° Ang: -0.03° Alt: 26664.04m



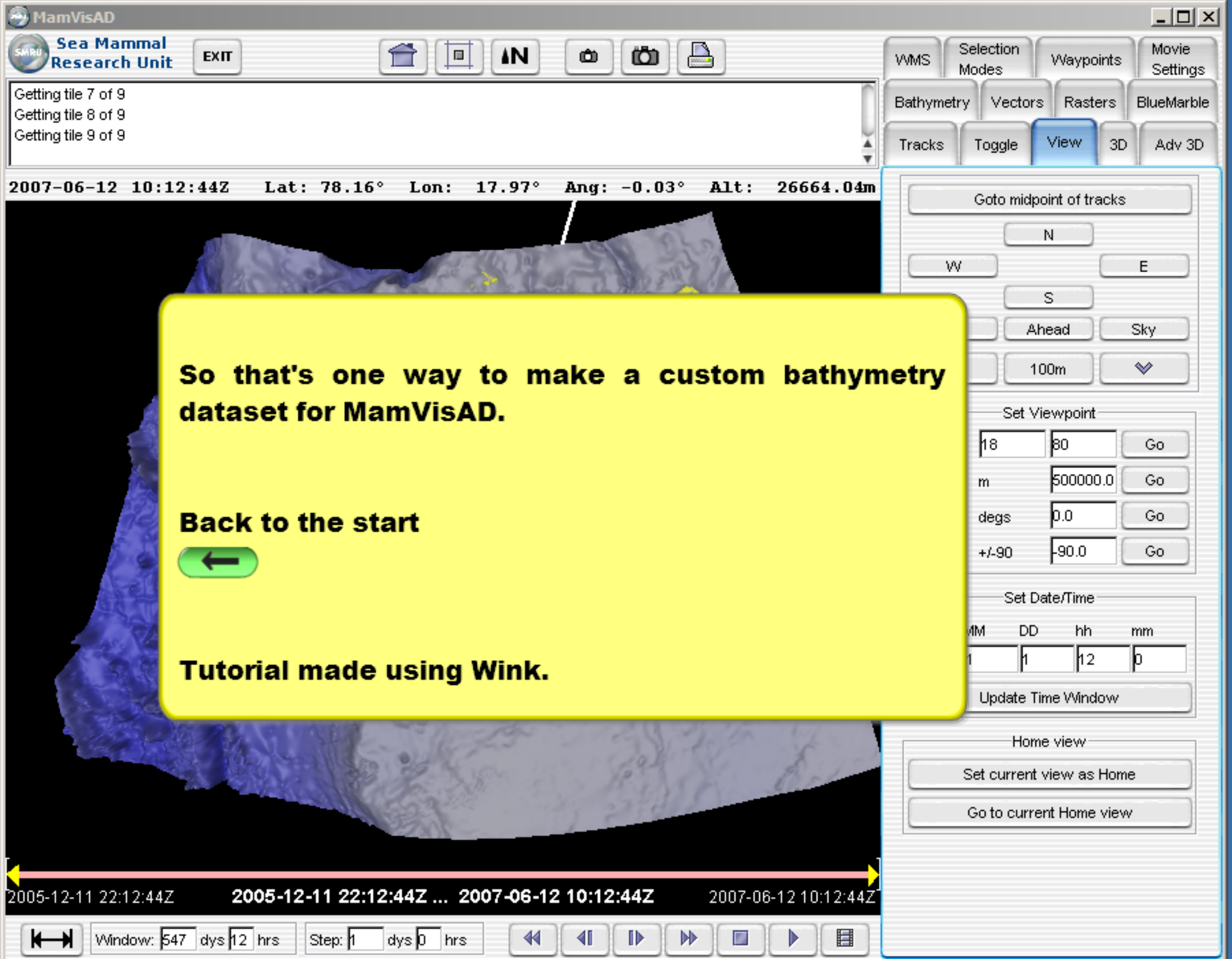
Goto midpoint of tracks
N
W E
S
Feet Ahead Sky
100m

Set Viewpoint
Lon/Lat 18 80 Go
Alt m 500000.0 Go
Bearing degs 0.0 Go
Pitch +/-90 -90.0 Go

Set Date/Time
YYYY MM DD hh mm
2004 1 1 12 0
Update Time Window

Home view
Set current view as Home
Go to current Home view

2005-12-11 22:12:44Z 2005-12-11 22:12:44Z ... 2007-06-12 10:12:44Z 2007-06-12 10:12:44Z



So that's one way to make a custom bathymetry dataset for MamVisAD.

Back to the start



Tutorial made using Wink.