

A Sampling of Data Sites

Ken Jezek

Web Site List

- Global Change Master Director
 - <http://gcmd.nasa.gov/>
- NASA WIST
 - <https://wist.echo.nasa.gov/api/>
- European Space Agency
 - Download for ESA EOLI <http://earth.esa.int/EOLI/EOLI.html>
- Japanese JAXA IPY site
 - http://www.eorc.jaxa.jp/ALOS/en/ipy/ipy_index.htm
- Alaska Satellite Facility
 - <http://www.asf.alaska.edu/home>
- ESA MERIS
 - <http://miravi.eo.esa.int/en/>
- USGS EarthExplorer
 - <http://edcsns17.cr.usgs.gov/EarthExplorer/>
- OSU GIIPSY/Radarsat Antarctic Mapping Project/Jacobshavn
 - <http://bprc.osu.edu/rsi/>
- CReSIS Data Site
 - <https://www.cresis.ku.edu/research/data/>

NASA WIST PRODUCTS

The screenshot shows the 'Primary Data Search' page in Mozilla Firefox. The browser's address bar displays the URL: <https://wist.echo.nasa.gov/wist-bin/api/ims.cgi/u422343#SCROLL>. The page title is 'Primary Data Search - Mozilla Firefox'. The main content area is titled 'CHOOSE KEYWORDS FOR One or More Categories' and includes a 'Text Search:' field with a 'Go' button and a 'Help' link. Below this, there is a dropdown menu showing 'Near Real-Time SSM/I EASE-Grid Daily Global Ice Concentration and Snow Extent V002'. The page is divided into five columns of data sets, each with a 'View Data Set Definition' and 'Choose Data Set Keywords' button. The columns are: Atmosphere, Cryosphere, Land, Oceans, and Solar/Other. Each column contains a list of data sets with radio buttons for selection. At the bottom, there are radio buttons for 'By Discipline' (selected), 'By Categories/Attributes', and 'By Keywords'. A 'Try Me!' link is also present. The status bar at the bottom shows 'Done' and the URL 'wist.echo.nasa.gov'.

Primary Data Search - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://wist.echo.nasa.gov/wist-bin/api/ims.cgi/u422343#SCROLL

Most Visited Getting Started Latest Headlines Special Offers

Bookmarks

Search:

Bookmarks Toolbar

- Most Visited
- Getting Started
- Latest Headlines
- Special Offers

Bookmarks Menu

- Recent Tags
- Recently Bookmarked

Get Bookmark Add-ons

- Mozilla Firefox
- Latest Satellite Imagery
- National Hurricane Center
- Satellite Data
 - ESA Earthnet; EOLI St...
 - WIST-NASA**
 - JAXA IPY Dataset
 - Welcome | SAR Data ...
 - MIRAVI - Meris Image...
 - WIST-NASA
- Bay News 9 - Your News ...
- Home Page | tampabay.c...
- German-English Dictionar...
- Chicago breaking news, l...
- Tierra Verde Community ...
- PALSAR_Ascending
- Hotel Mayer · Herzlich Wi...
- Prüfung Offiziers List - St...
- Bank of America | Home ...
- Internet Archive: Movies
- Track Hurricane Paloma /...
- Watch Movies Online For ...
- IPY: Full Proposal Details

CHOOSE KEYWORDS FOR One or More Categories

Text Search: Go Help

Pick a discipline/topic (for example: Atmosphere:TRMM), then choose from the list of data sets. For multiple topics: choose one topic & data sets, then the next topic & data sets. To select/deselect* more than one data set, use Ctrl-click for PCs; Apple-click for Macintosh.

Near Real-Time SSM/I EASE-Grid Daily Global Ice Concentration and Snow Extent V002

View Data Set Definition Choose Data Set Keywords

Atmosphere:	Cryosphere:	Land:	Oceans:	Solar/Other:
<input type="radio"/> Aqua AIRS/AMSU-A/HSB	<input type="radio"/> MISR	<input type="radio"/> AMSR/AMSR-E	<input type="radio"/> AMSR/AMSR-E	<input type="radio"/> ACRIM
<input type="radio"/> AMSR/AMSR-E	<input type="radio"/> MLS/Aura	<input type="radio"/> GLAS/ICESat	<input type="radio"/> ASTER	<input type="radio"/> Field/In Situ
<input type="radio"/> CALIPSO	<input type="radio"/> MODIS/Aqua	<input type="radio"/> MODIS/Aqua	<input type="radio"/> GLAS/ICESat	<input type="radio"/> Socioeconomic
<input type="radio"/> CERES/Aqua	<input type="radio"/> MODIS/Terra	<input type="radio"/> MODIS/Terra	<input type="radio"/> MODIS/Aqua	<input type="radio"/> MODIS/Terra
<input type="radio"/> CERES/Terra	<input type="radio"/> MOPITT	<input type="radio"/> SAR	<input type="radio"/> Landsat 1-5	<input type="radio"/> MODIS/Terra
<input type="radio"/> CERES/TRMM	<input type="radio"/> NOAA AMSU-A/MSU	<input checked="" type="radio"/> SSM/I	<input type="radio"/> Landsat 7	<input type="radio"/> UARS
<input type="radio"/> Field/In Situ	<input type="radio"/> OMI/Aura	<input type="radio"/> MISR	<input type="radio"/> MODIS/Aqua	
<input type="radio"/> FSSP	<input type="radio"/> SAGE	<input type="radio"/> MODIS/Aqua	<input type="radio"/> MODIS/Terra	
<input type="radio"/> GLAS/ICESat	<input type="radio"/> SSBUV			
<input type="radio"/> GOES	<input type="radio"/> SSM/I			
<input type="radio"/> HIRDLS/Aura	<input type="radio"/> TES/Aura			
<input type="radio"/> HRIR/MRIR/THIR	<input type="radio"/> TOMS			
<input type="radio"/> LIGHTNING	<input type="radio"/> TOVS			
<input type="radio"/> LIMS	<input type="radio"/> TRMM			
<input type="radio"/> MERRA	<input type="radio"/> UARS			

*By Discipline" not responding? Use the [non-javascript version](#)

By Discipline By Categories/Attributes By Keywords [Try Me!](#)

Choose a Data Search Type

wist.echo.nasa.gov

Northern Hemisphere Sea Ice

Primary Data Search - Mozilla Firefox

File Edit View History Bookmarks Tools Help

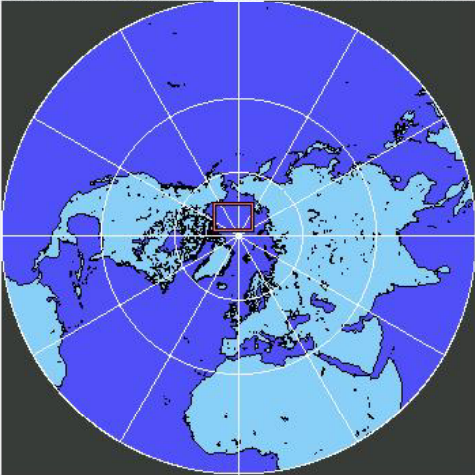
https://wist.echo.nasa.gov/wist-bin/api/ims.cgi/u422343#SCROLL

Getting Started
http://en-us.www.mozilla.com/en-US/firefox/central/

Data Granule ID Search Local Granule ID Search

Choose Search Area

Step 3: This is your search rectangle. Select a new first corner on the map to start over:



Projection: NORTH_POLAR_STEREOGRAPHIC
Tangent: 90° Lat, 0° Lon
Points in clockwise order are:
69.0000° Lat, -142.0000° Lon
72.0000° Lat, 162.0000° Lon
83.0000° Lat, 122.0000° Lon
77.0000° Lat, -104.0000° Lon

Clear Map

Global Search Stereographic N-pole Type in Lat/Lon Point
 Equatorial Stereographic S-pole XY Coordinate Range
 Orthographic Global granules only Orbit Search

Choose a Date/Time Range (not required)

http://en-us.www.mozilla.com/en-US/firefox/central/ wist.echo.nasa.gov

Search Parameters

The screenshot shows a Mozilla Firefox browser window titled "Primary Data Search - Mozilla Firefox". The address bar contains the URL <https://wist.echo.nasa.gov/wist-bin/api/ims.cgi/u422343#SCROLL>. The browser's menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. The left sidebar shows a bookmarks list with "WIST-NASA" selected. The main content area is titled "Choose a Date/Time Range (not required)" and contains the following information:

Date format: YYYY-MM-DD (1967-05-25) or MM/DD/YYYY (05/25/1967)
Time format: HH:MM (14:30) or HH:MM:SS (14:30:01)

You may also enter a date without a time or a start date without an end date.
Use the help link for information on default values.

Start Date: **Time (UTC):**
End Date: **Time (UTC):**

Standard Date Range **Julian Date Range** **Annually Repeating**

Choose Additional Options (not required)

- Return a maximum of [data granules](#) per data set (Range: 0 - 1000).
- Only return data granules which have [browse](#) products.
- Only display collections which have [browse](#) products.
- Allow searches to run for a maximum of minute(s)
- Return **DEFAULT** metadata in search results
- Only return data granules which were retrieved during the
- Name this query:
(will be used in creating a file name when saving the query)

Save/Restore Search Criteria (not required)

The status bar at the bottom of the browser shows "Done" on the left and "wist.echo.nasa.gov" on the right.

Search in Progress

Search in progress... - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://wist.echo.nasa.gov/wist-bin/api/ims.cgi?endform=1&u=422542&sid=1249422260-82101&mode=SEARCH&sut

Most Visited Getting Started Latest Headlines Special Offers

Bookmarks

Search:

Bookmarks Toolbar

- Most Visited
- Getting Started
- Latest Headlines
- Special Offers

Bookmarks Menu

- Recent Tags
- Recently Bookmarked

Get Bookmark Add-ons

Mozilla Firefox

- Latest Satellite Imagery
- National Hurricane Center
- Satellite Data
- ESA Earthnet: EOLI St...
- WIST-NASA**
- JAXA IPY Dataset
- Welcome | SAR Data ...
- MIRAVI - Meris Image...
- WIST-NASA
- Bay News 9 - Your News ...
- Home Page | tampabay.c...
- German-English Dictionar...
- Chicago breaking news, I...
- Tierra Verde Community ...
- PALSAR_Ascending
- Hotel Mayer : Herzlich Wi...
- Program Officers List - Sc...
- Bank of America | Home ...
- Internet Archive: Movies

Done

wist.echo.nasa.gov

WIST
Powered by **ECHO**

+Comments, Questions, or Problems?*

+User Support

+Tutorial*

+Help for this page*

guest
+Login
+Create Account

[View all*](#) **Alert from LP DAAC:** Please use the following links for more information regarding the LP DAAC.

Search	Results	Granule List	Folder	Shopping Cart
--------	---------	--------------	--------	---------------

Search in progress...

- GDEM Ordering Tutorial:** A quick tutorial for ordering ASTER Global DEM data.
- On Wednesday, August 5th from 8:00 am until 12:00 pm EST WIST will be unavailable for maintenance. Due to a high volume of activity, if you receive a timeout while logging into WIST with Internet Explorer, press the browser's back button and re-login to WIST.
- Your search has been running for **00m 03s**.

[End search now](#)

Status: Connecting Asking ECHO for dataset info

Also, please read the NASA [Privacy](#), [Security](#), [Notices](#) and the WIST [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)

Created by WIST version WIST-10.12.3

Webmaster: [Matthew Cechini \(Matthew.F.Cechini@echo.nasa.gov\)](mailto:Matthew.F.Cechini@echo.nasa.gov)

Responsible NASA Official: [Andrew E. Mitchell \(Mail Code 423, NASA/GSFC, Greenbelt, MD 20771\)](mailto:Andrew.E.Mitchell@nasa.gov)

Time Range (not required)

Search Results

Granule List - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://wist.echo.nasa.gov/wist-bin/api/ims.cgi?endform=1&u=422566&sid=1249422260-82101&mode=GRANLIST&ε

Most Visited Getting Started Latest Headlines Special Offers

Bookmarks

Search:

Bookmarks Toolbar

- Most Visited
- Getting Started
- Latest Headlines
- Special Offers
- Bookmarks Menu
- Recent Tags
- Recently Bookmarked
- Get Bookmark Add-ons

Mozilla Firefox

- Latest Satellite Imagery
- National Hurricane Center
- Satellite Data
 - ESA Earthnet: EOLI St...
 - WIST-NASA
 - JAXA IPY Dataset
 - Welcome | SAR Data ...
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- German-English Dictionar...
- Chicago breaking news, I...
- Tierra Verde Community ...
- PALSAR_Ascending
- Hotel Mayer · Herzlich Wi...
- Program Officers List - Sc...
- Bank of America | Home ...
- Internet Archive: Movies

Done

Items selected on all pages

Customize this table | Text-only version*

Select	Data Granule ID (Local Granule ID)	Granule Information	On-line Access	Image Quicklook	Special Processing Links	Data Center	Start Date
<input type="checkbox"/>	SC:NISE.002:31360532 (NISE_SSMIF13_20090731.HDFEOS)	Attributes	Data* Metadata*	Browse	NISE Product Guide Document page at NSIDC NISE Product Catalog page at NSIDC	NSIDC_ECS	31 Jul 2009, 00:00:00.00
<input type="checkbox"/>	SC:NISE.002:31366974 (NISE_SSMIF13_20090801.HDFEOS)	Attributes	Data* Metadata*	Browse	NISE Product Guide Document page at NSIDC NISE Product Catalog page at NSIDC	NSIDC_ECS	01 Aug 2009, 00:00:00.00
<input type="checkbox"/>	SC:NISE.002:31372174 (NISE_SSMIF13_20090802.HDFEOS)	Attributes	Data* Metadata*	Browse	NISE Product Guide Document page at NSIDC NISE Product Catalog page at NSIDC	NSIDC_ECS	02 Aug 2009, 00:00:00.00
<input type="checkbox"/>	SC:NISE.002:31376244 (NISE_SSMIF13_20090803.HDFEOS)	Attributes	Data* Metadata*	Browse	NISE Product Guide Document page at NSIDC NISE Product Catalog page at NSIDC	NSIDC_ECS	03 Aug 2009, 00:00:00.00

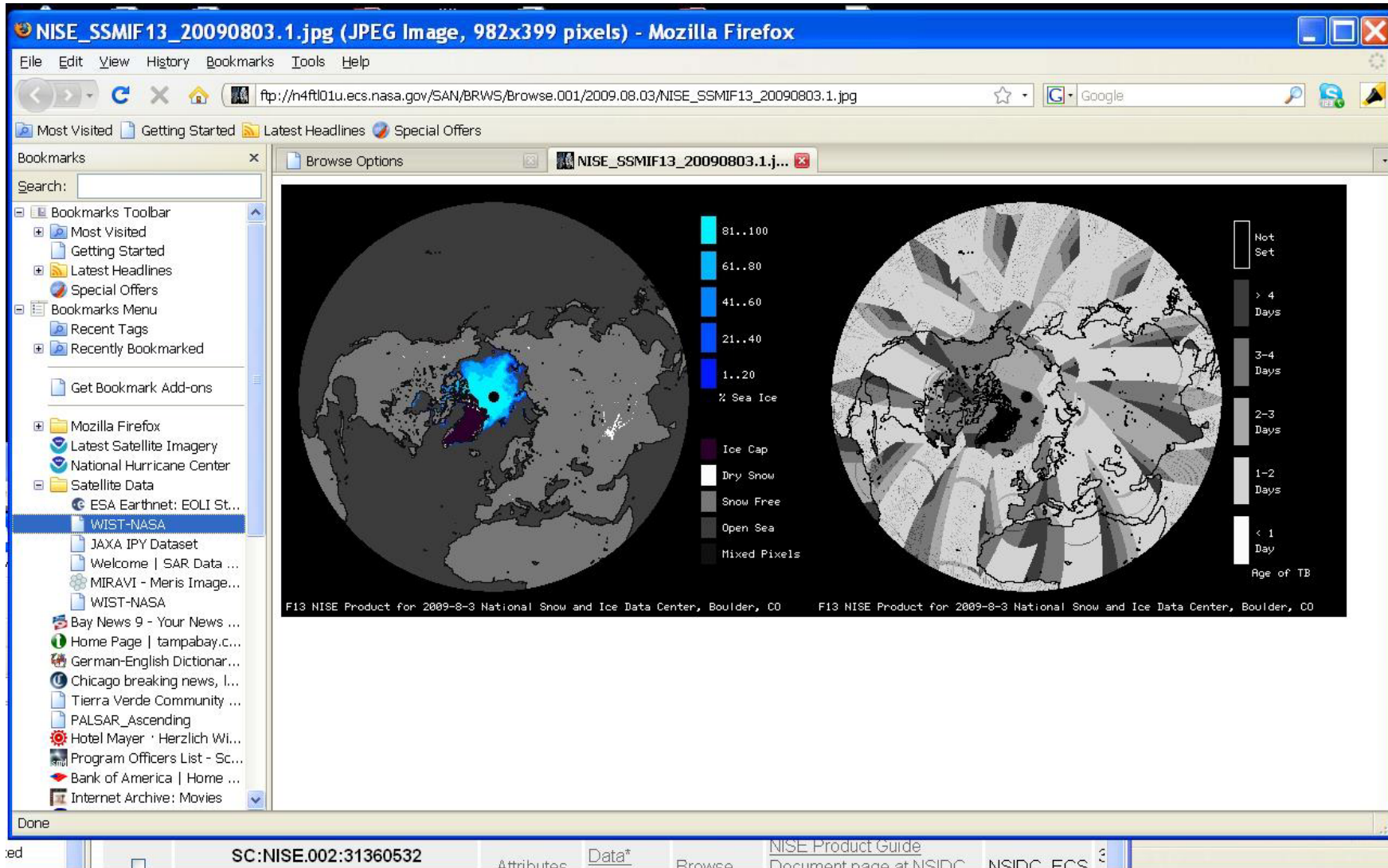
Done

wist.echo.nasa.gov

Edit View History Bookmarks Tools Help

Sea Ice Extent from NSIDC

August 3, 2009



ESA EOLI

The screenshot displays the ESA EOLI web application interface. The window title is "Eoli-sa". The menu bar includes "File", "App", "Result Set", "Map", "View", and "Help". The top navigation bar features the ESA logo, a "Disconnect" button, and links for "Catalogue", "Shop Cart", "Orders", "User Set", "ESA Sets", "GIS Maps", and "Downloads". A status message on the right indicates "You are logged on as a default user".

The main interface is divided into several sections:

- Collections:** A tree view on the left shows 56 collections selected. The tree includes:
 - ASAR Wave Mode
 - ASAR Image Mode
 - ASAR Alternating Polarisation
 - ASAR Wide Swath
 - ENVISAT MERIS
 - MERIS Full Resolution
 - MERIS Reduced Resolution
 - ENVISAT AATSR
- Query Mode:** Set to "Standard".
- Date:** Includes a "Choose a Date" dropdown and radio buttons for "Date", "Date and Time", "Rect", "Cir", and "Poly". The "Date" radio button is selected.
- Area:** Includes an "Area Selection" dropdown and input fields for "From:" and "To:".
- Search Parameters:** Input fields for "Center Lat/Lon (dd:mm:ss)", "Height/Width (Km)", and "Max Cloud Coverage" (set to 100).
- Map:** A map of the Arctic region showing a grid of search swaths. A pink rectangle highlights a specific area of interest.
- Navigation:** A toolbar with icons for "Navigate", "Set Area", and "Footprints".

At the bottom of the interface, there is a "Search Catalogue" button and a status bar showing "Latitude +77°18' Longitude -55°17'" and "39M/508M".

Peterman Glacier Search

Eoli-sa

File App Result Set Map View Help

ESA EOLI

Disconnect Catalogue Shop Cart Orders User Set ESA Sets GIS Maps Downloads You are logged on as a default user

Collections : 1 Collection selected

- On Line Collections
 - ENVISAT
 - ASAR Global Monitoring
 - ASAR Wave Mode
 - ASAR Image Mode
 - ASAR Alternating Polarisation
 - ASAR Wide Swath
 - ENVISAT MERIS
 - ENVISAT AATSR
 - ENVISAT COMOS

Query Mode: Advanced

ASAR Wide Swath : Show results as standard frames

no frames show frames

Orbit From: To:

Track

Pass Type Ascending Descending

Status Planned Archived Potential

Map navigation: Navigate Set Area Footprints

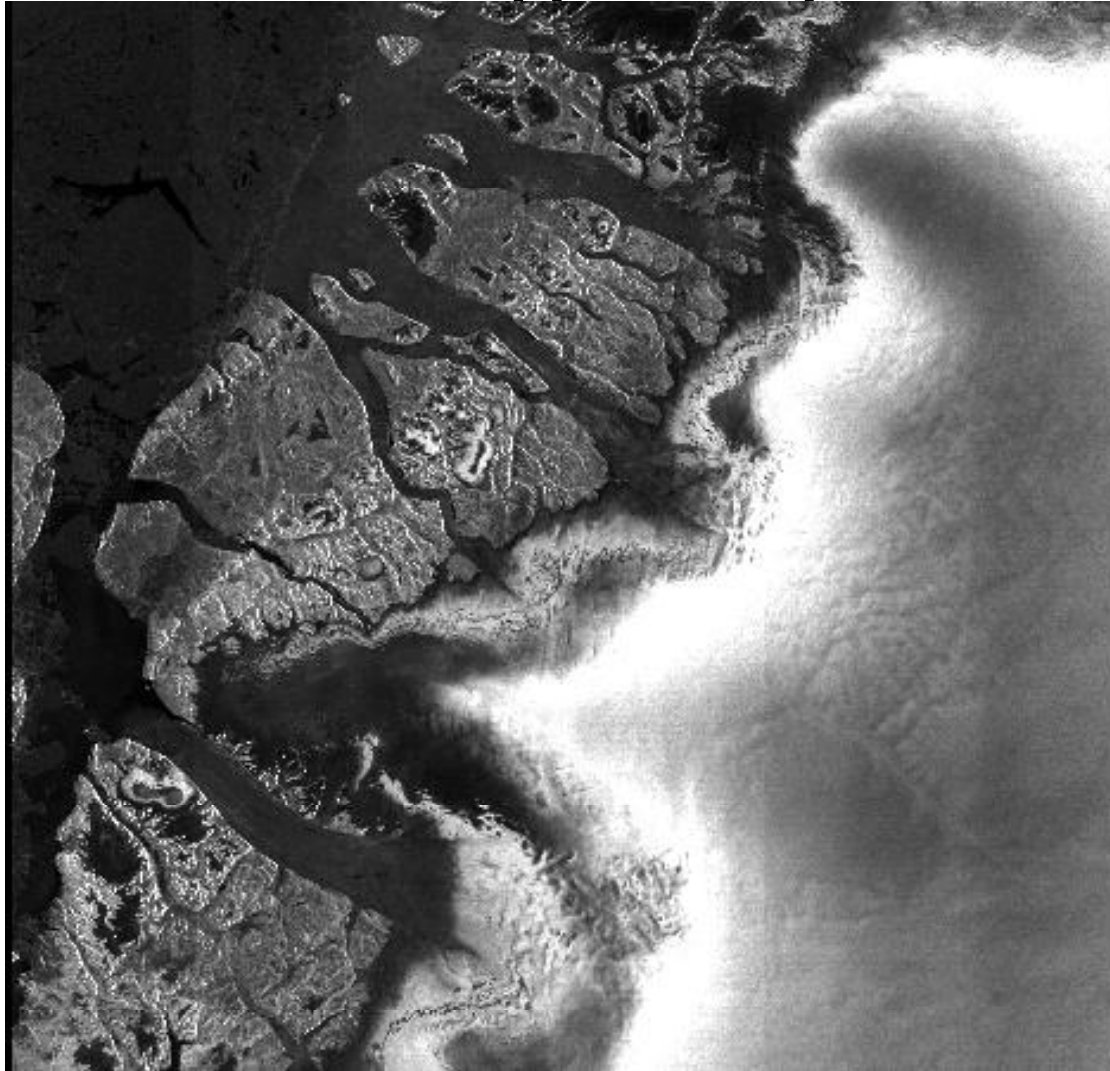
11 items in Catalogue (11 out of 11 from test Query) - 1 item(s) selected

Id	Mission	Sensor	Product	Status	Start	Stop	Orbit	Tr
1	Envisat	ASAR/WS	ASA_WS	Potential	2009-08-04 22:51:10.59	2009-08-04 22:52:11.78	38847	216
2	Envisat	ASAR/WS	ASA_WS	Planned	2009-08-04 22:51:10.59	2009-08-04 22:52:11.78	38847	216
3	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-01 16:06:40.29	2009-08-01 16:07:41.48	38800	169
4	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-01 22:45:28.89	2009-08-01 22:46:30.08	38804	173
5	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-02 00:25:29.37	2009-08-02 00:26:30.56	38805	174
6	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-02 15:35:13.23	2009-08-02 15:36:14.42	38814	183
7	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-02 23:54:01.19	2009-08-02 23:55:02.38	38819	188
8	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-03 16:43:47.77	2009-08-03 16:44:48.96	38829	198
9	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-03 16:43:53.27	2009-08-03 16:44:54.46	38829	198
10	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-03 23:21:58.44	2009-08-03 23:22:59.63	38833	202
11	Envisat	ASAR/WS	ASA_WS	Archived	2009-08-04 16:12:35.08	2009-08-04 16:13:36.27	38843	212

Preview not available

60M/508M

ASAR August 3, 2009



USGS Earth Explorer

EarthExplorer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://edcns17.cr.usgs.gov/EarthExplorer/

Most Visited Getting Started Latest Headlines Special Offers

1. Select your dataset(s)

Click on next to the category name to show a list of datasets.

Icon means selected data within the Data Sets can be downloaded at no charge.

- Aerial Photography
- AVHRR
- Commercial
- Declassified Data
- Digital Elevation [\(Related Links\)](#)
- Digital Line Graphs [\(Related Links\)](#)
- Digital Maps [\(Related Links\)](#)
- EO-1
- Global Land Survey
- Landsat Archive [\(Related Links\)](#)
- Landsat Legacy
- Landsat MRLC
- Radar

Selected Datasets

None Selected

2. Enter your search criteria

Address/Place name: Search

Search: [\(US/World Feature Search\)](#)

From (mm/dd/yyyy): To (mm/dd/yyyy):

Search these months only.

Map Satellite Terrain

Help

The up to date Google map is not for purchase or for download; it is to be used as a guide for reference and search purposes only.

Area Selected

Degree/Minute/Second Decimal

1. Latitude: ° ′ ″ North Longitude: ° ′ ″ West

Number of Results

Done

Declassified Imagery Search

EarthExplorer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://edcsns17.cr.usgs.gov/EarthExplorer/

USGS science for a changing world

EarthExplorer

Home EarthExplorer Tutorial Login Register Shopping Basket Help

Results

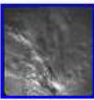



Please inspect the browse image and its immediate neighbors on the results page to validate your area of interest before placing an order.

[Show Map](#) [Pop-out](#)

The up to date Google map is not for purchase or for download; it is to be used as a guide for reference and search purposes only.

Declass 1 (1996)

10 of 2 metadata records retrieved. Showing 1-10

	Preview Image	Show Footprint	Show All Fields	Exclude	Entity ID	Acquisition Date	Mission Nbr	Revolution	Frame Nbr	Camera Resolution	Camera Type	Image Type
1		Show	Show	<input type="checkbox"/>	DS09059A076MC003	1963/10/29	9059A	076M	3	Vertical Low	Cartographic	BW
2		Show	Show	<input type="checkbox"/>	DS09059A076MC001	1963/10/29	9059A	076M	1	Vertical Low	Cartographic	BW
3		Show	Show	<input type="checkbox"/>	DS09059A076MC004	1963/10/29	9059A	076M	4	Vertical Low	Cartographic	BW
4		Show	Show	<input type="checkbox"/>	DS09059A076MC002	1963/10/29	9059A	076M	2	Vertical Low	Cartographic	BW

Done

Jacobshavn 1963

DS09059A076MC003: Declass 1 (1996) search results, Preview Image

10 of 7 metadata records retrieved. Showing 1-10

	Preview Image	Show Footprint	Show All Fields	Exclude	Entity ID	Acquisition Date	Mission Nbr	Revolution	Frame Nbr	Camera Resolution	Camera Type	Image Type
1		Hide	Show	<input type="checkbox"/>	DS09059A076MC003	1963/10/29	9059A	076M	3	Vertical Low	Cartographic	BW
2		Show	Show	<input type="checkbox"/>	DS09059A076MC001	1963/10/29	9059A	076M	1	Vertical Low	Cartographic	BW
3		Show	Show	<input type="checkbox"/>	DS09059A076MC004	1963/10/29	9059A	076M	4	Vertical Low	Cartographic	BW

(3) Firefox

Peterman September 1963



ESA MIRAVI

MIRAVI - Meris Image Rapid Visualization - Windows Internet Explorer

http://miravi.eo.esa.int/en/

ESA **esa** Envisat MERIS Image Rapid Visualisation
Observing the Earth
European Space Agency

Home Observing the Earth Envisat Earth Snapshot About MIRAVI Help

Search Results
1 image found

Mode: FR/Level0/PDHS-K
Orbit: 38842
Date: 04-AUG-2009
Time: 14:31:53
First: 79.9N 10.9W
Last: 68.0N 47.4W

About MIRAVI

Chelys

30/04/2008
Power Outage at Esrin
Due to electrical maintenance at Esrin, MIRAVI will be shut down on next Friday 2nd of May at 16:00 UTC. The nominal activity will be restored as soon as possible. Estimated time of recovery: 16:00 UTC.

Search

Start date	Stop date
<input checked="" type="checkbox"/> From 01-08-2009	04-08-2009
Latitude	Longitude
<input checked="" type="checkbox"/> First: 67.65	-52.82
Last: 70.46	-47.2

Search

Meris Data © European Space Agency. All rights reserved. MIRAVI © 2006/2009 CHELYS srl. All rights reserved.

Done Internet 100%

Jacobshavn Search

MIRAVI - Meris Image Rapid Visualization - Windows Internet Explorer

http://miravi.eo.esa.int/en/


ESA **Home** Observing the Earth Envisat Earth Snapshot About MIRAVI Help

Envisat MERIS Image Rapid Visualisation

Observing the Earth
European Space Agency

Search Results
1 image found

Mode: FR/Level0/PDHS-K
Orbit: 38842
Date: 04-AUG-2009
Time: 14:31:53
First: 79.9N 10.9W
Last: 68.0N 47.4W



Information

Processed by PDHS-K MERIDIAN/2.0 on 04-AUG-2009 14:35:44 (UTC)
Resolution 260 m (4481x5760)
JPG Hi-Res 2.7 MB
BMP Hi-Res 73.9 MB

Quality Check: **Failed**
Quality Report: RTF 376.1 KB

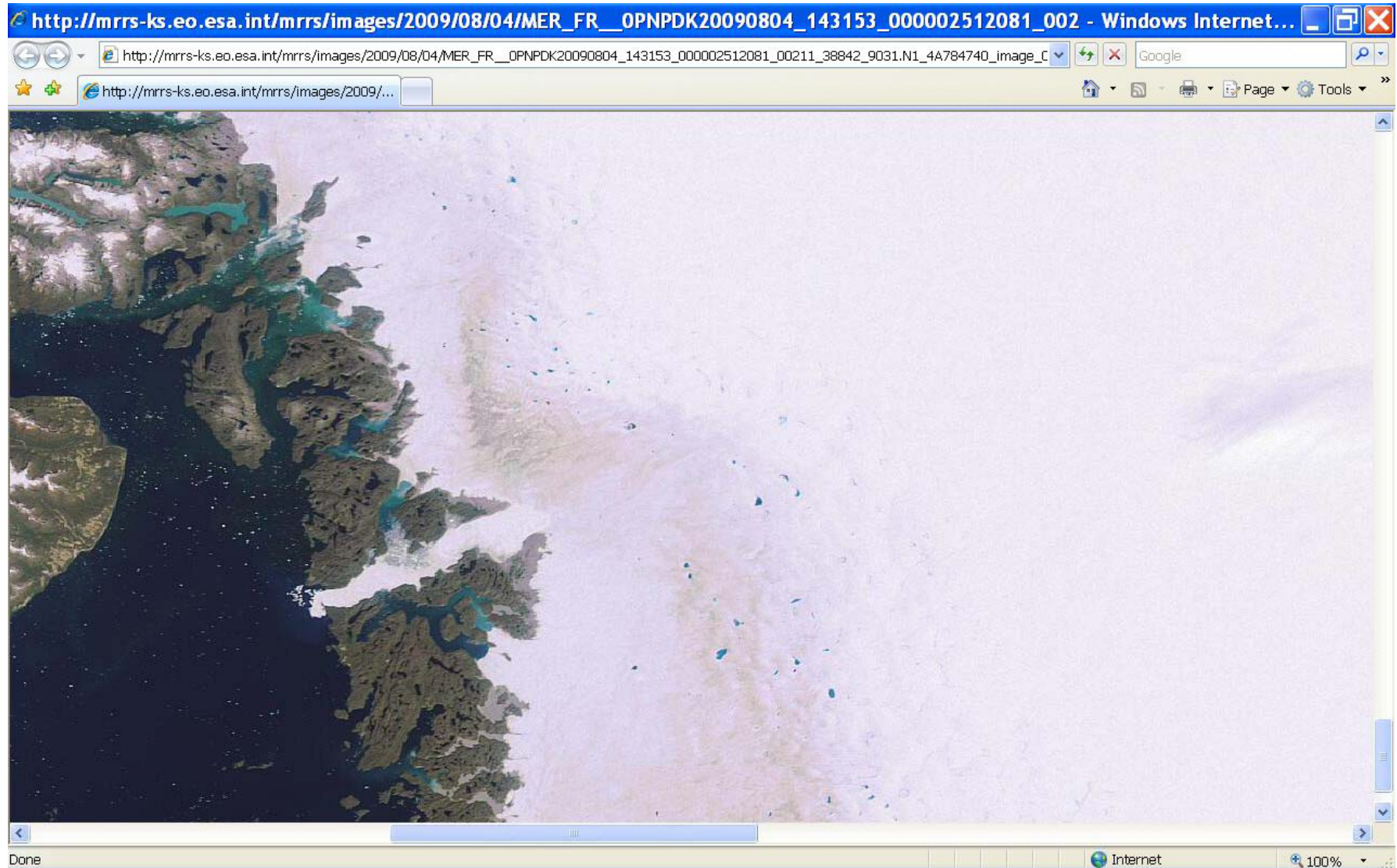
Search

	Start date	Stop date
<input checked="" type="checkbox"/> From	01-08-2009	04-08-2009
	Latitude	Longitude
<input checked="" type="checkbox"/> First	67.65	-52.82
Last	70.46	-47.2

Meris Data © European Space Agency. All rights reserved. MIRAVI © 2006/2009 CHELYS srl. All rights reserved.

http://mrrs-ks.eo.esa.int/mrrs/images/2009/08/04/MER_FR__0PNPDK20090804_143153_000002512081_00211_38842_9031.N1_4A784740_image_ Internet 100%

MERIS Jacobshavn August 4, 2009



JAXA IPY Site

The screenshot shows a Mozilla Firefox browser window displaying the JAXA IPY Dataset website. The browser's address bar shows the URL http://www.eorc.jaxa.jp/ALOS/en/ipy/ipy_index.htm. The website header features the EORC, JAXA logo and the text "ALOS Research and Application Project" and "Daichi - Advanced Land Observing Satellite". A navigation bar includes links for "Home", "Site Map", "Contact Us", and "Japanese".

The main content area is titled "IPY Dataset Homepage" and includes a "Japanese" link. A "What's NEW" section, dated "Aug. 18, 2008", states: "IPY Dataset Homepage was opened." Below this is a blue banner for "Monitoring the north and south polar regions using the ALOS/PALSAR (International Polar Year)".

The left sidebar contains four menu items:

- Image Gallery**: Observed images, research and application examples using PRISM, AVNIR-2 and PALSAR.
- IPY Dataset Homepage**: Monitoring the north and south polar regions using the ALOS/PALSAR (International Polar Year).
- K&C Mosaic Homepage**: The reference dataset by the ALOS Kyoto and Carbon Initiative Project.
- Science Program**: The research development targets for ALOS data utilization and its algorithm development for data products are described.

The main text under the banner reads: "International Polar Year (IPY), focusing on the north and south polar regions, is defined to investigate the impact of the ice sheet change on the ocean and climate changes on the habitats in the these regions as the collaborative works over sixty countries for two years from March 1 2007 to March 1 2009. To this goal, world space agencies, i.e., Japan Aerospace Exploration Agency, JAXA, National Aeronautics and Space Administration (NASA), European Space Agency (ESA), Canadian Space Agency (CSA), are observing these regions intensively using their own earth observation satellites. Especially, the JAXA observes the polar regions systematically two to three times a year frequency, using three sensors (PRIMS, AVNIR-2, PALSAR) onboard ALOS, and intends to detect the ice sheet decrease and its timely changes. Since PALSAR is able to observe these regions in dependently the day-night condition nor the weather condition, automatic processing using the high speed computer, browse images and the large scale mosaic with the resolution of 500m can be generated within several days after the data acquisition. By now, we have produced several datasets for these

ALOS MOSAIC

IPY Dataset - Mozilla Firefox

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http://www.eorc.jaxa.jp/ALOS/en/ipy/ipy_index.htm

temporal consistencies over sub-continental scale.

Research Announcement
Call for research proposal using ALOS products.

Conference
Information of ALOS related meeting.

Document
Technical information and document to use ALOS products.

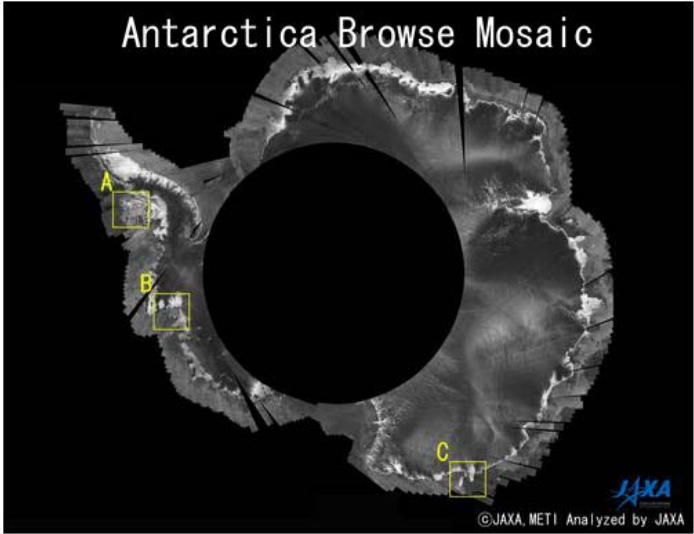
Guidance
FAQ and guidance to use ALOS products.

About ALOS
Overview of ALOS and its sensors.

In the following, we will introduce the browse mosaics in the south polar and north polar regions and green land and their temporal changes.

1. Antarctica

Antarctica Browse Mosaic



©JAXA, METI Analyzed by JAXA

Fig. 1: Antarctica mosaic image covers the time between Dec. 8 2007 and Jan. 22 2008.
(Click to View Enlarged Image)

JAXA is observing the Antarctica three different seasons from Dec. 2006. This mosaic image covers the time between Dec. 8 2007 and Jan. 22 2008. Yellow square areas show the highly moving regions, most of which locate at the root of Antarctica peninsula.

1.1 Image comparison

Area A (Near Alexander Island):

ALASKA SATELLITE FACILITY

The Alaska Satellite Facility | Alaska Satellite Facility - Mozilla Firefox

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http://www.asf.alaska.edu/home

Alaska Satellite Facility

projects: SAR Data Center Americas ALOS Data Node Satellite Tracking Ground Station Map Office GeoData Center

The Alaska Satellite Facility

The Alaska Satellite Facility (ASF) of the Geophysical Institute (GI) at the University of Alaska Fairbanks, downlinks, archives, and distributes satellite data. ASF is comprised of a Satellite Tracking Ground Station (STGS) as part of the National Aeronautics and Space Administration (NASA) Ground Network system, the Synthetic Aperture Radar (SAR) Data Center in support of NASA's Earth Science Data and Information System (ESDIS) project, and the Americas ALOS Data Node (AADN) established by the Japan Aerospace Exploration Agency (JAXA) in agreement with the National Oceanic and Atmospheric Administration (NOAA). In addition, ASF manages the GI's GeoData Center and Map Office.

ASF's mission is to promote, facilitate, and participate in the advancement of remote sensing in order to support national and international Earth science research, field operations, and commercial remote-sensing applications that benefit society. ASF is committed to providing the highest quality of data and services in a timely manner.

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Byrd Polar Research Center
Remote Sensing Laboratory

Remote Sensing of the Cryosphere

Spaceborne remote sensing instruments provide our generation, indeed the first generation, an opportunity to observe repeatedly all of Earth's atmosphere, lands, oceans, and ice. This technology has especially great utility for studying the Earth's polar regions, one of the remaining frontiers of human exploration. The Remote Sensing Group is a world leader in remote sensing of polar regions and enjoys an international reputation for its work in the Arctic and Antarctic.

The goals of the Remote Sensing Group are to document the properties of Earth's ice cover, to understand the physical mechanisms by which ice cover changes, and to assess the implications of changing ice cover on the rest of the world.

Our core strategy has four elements: describe the physics of remote sensing for icy terrain; develop algorithms that derive geophysical parameters from remote sensing data; participate in instrument development and mission design; data interpretation and geophysical model development. Our two primary scientific objectives include mapping the velocity field of Antarctica, and establishing time series observations of the physical properties of icy terrain from pole-to-pole. Our aim is to perform change detection studies that rely on over 4 decades of high-resolution remote sensing data.

Project Links

- [RAMP Overview](#)
- [RAMP and other DATA, Publications, and Animations](#)
- [RAMP Project Documents](#)
- [GISMO](#)
- [GIIPSY](#)
- [BIIR](#)
- [CReSIS Science and Technology Center](#)
- [Jakobshavn Velocity Data](#)
- [Personnel](#)

1962, 1963, 1997, 2000 image maps of Greenland and Antarctica, Extracted coast lines, velocities, flow lines, DEMS, Balance Velocity.

RAMP Data

Byrd Polar Research Center at The Ohio State University - RADARSAT-1 Antarctic Mapping Project (RAMP) Data - Mozilla Firefox

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http://bprc.osu.edu/rs1/radarsat/data/

RADARSAT-1 Antarctic Mapping Project (RAMP) Data

Welcome to the [RSL](#) RAMP data download system. Please select a product below to view associated datasets.

Or, view original download structure: [AMM-1 \(Antarctic Mapping Mission\)](#) • [MAMM \(Modified Antarctic Mapping Mission\)](#)

AMM-1 (Antarctic Mapping Mission)

AMM-1 Science Products

- [AMM-1 Final Tile Product \(25 m\)](#)
- [25 m Tile Overviews](#)
- Balanced Mosaics (8-bit)
 - [100m](#)
 - [200m](#)
 - [400m](#)
 - [800m](#)

AMM-1 Research Products

- Scaled dB Unit Mosaics (16 bit)
 - [100m](#)
 - [200m](#)
 - [400m](#)
 - [800m](#)
- dB Units Mosaics (32 bit)
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- [Scaled dB units 25 m Tiles \(16 bit\)](#)
- [Incidence Angle Mosaic](#)
- [Quicklook Mosaic \(1 km\)](#)
- [DEM](#)

MAMM (Modified Antarctic Mapping Mission)

MAMM Science Products

- [Velocity Product](#)

Ascending

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- [Ascending 25m Tile overviews](#)
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 - [100m \(Logarithmic\)](#)
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 - [400m \(Linear\)](#)
 - [400m \(Logarithmic\)](#)
 - [800m \(Linear\)](#)
 - [800m \(Logarithmic\)](#)
- [Ascending Coherence Mosaic 200m \(8 bit\)](#)
- [Ascending Coherence Mosaic 200m \(32 bit\)](#)

Descending

RAMP Data Search

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http://bprc.osu.edu/rs1/radarsat/data/download.php?mission=amm_v2&path=TILES

The Ohio State University www.osu.edu

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RADARSAT-1 Antarctic Mapping Project (RAMP) Data

[Back to Product List](#) » Mission: [amm_v2](#) » Product: TILES

The map shows a grid of data tiles across the continent of Antarctica. A pop-up window titled 'ST_21-24' shows a detailed view of one of these tiles, which is a grayscale satellite image of a specific region of the continent.

Tile ID	Tile ID	Tile ID	Tile ID	Tile ID	Tile ID
SP_21-21	SQ_21-22	SR_27-28	SR_29-30	SR_31-32	SR_33-34
SP_20-20		SS_25-27	SS_28-30	SS_31-33	SR_35-36
SP_19-19	SQ_19-20	ST_25-28	ST_29-32	ST_33-36	SS_34-36
	SR_19-20	SS_19-21	ST_21-24	SU_26-30	SR_37-38
		SR_17-18	SU_21-25	SU_31-35	SS_37-39
		SS_16-18	ST_17-20	SU_36-40	SR_39-40
		SR_15-16	SU_16-20	SV_21-30	SS_40-42
		SS_13-15	ST_13-16	SV_31-40	SR_41-42
		SR_13-14	SU_11-15	SV_41-50	SS_43-45
			ST_09-12	SW_01-60	SR_43-44
			SU_06-10	SV_51-60	SQ_41-42
				SU_46-50	SS_43-45
				ST_45-48	SR_45-46
				SS_46-48	SQ_43-44
				SR_47-48	SQ_45-46
				SU_51-55	SQ_47-48
				ST_49-52	

CReSIS Radar Data

CReSIS
Center for Remote Sensing of Ice Sheets

Research

Data

In 1991, a research effort to measure the surface elevation of the Greenland ice sheet was begun in support of a global climate study. Airborne laser altimetry data were collected and subsequent analysis showed that the surface elevation could be determined with an accuracy of about 20 cm [Krabill et al., 1995a, 1995b]. The University of Kansas has been involved in the measurement of the Greenland ice sheet thickness since 1993. In 1993, the airborne program was expanded to include a 150 MHz radar echo sounder developed and operated by The University of Kansas to measure the ice thickness. Since the summer of 1993, the radar depth sounder has collected ice-thickness data concurrent with the laser altimeter and other location measurement instruments.

- [Arctic Data](#)
- [Antarctic Data](#)
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- [Accumulation Data](#)
- [Sea Level Rise Maps](#)
- [Field Data Maps \(password protected\)](#)
- [Archive: support documents and publications](#)

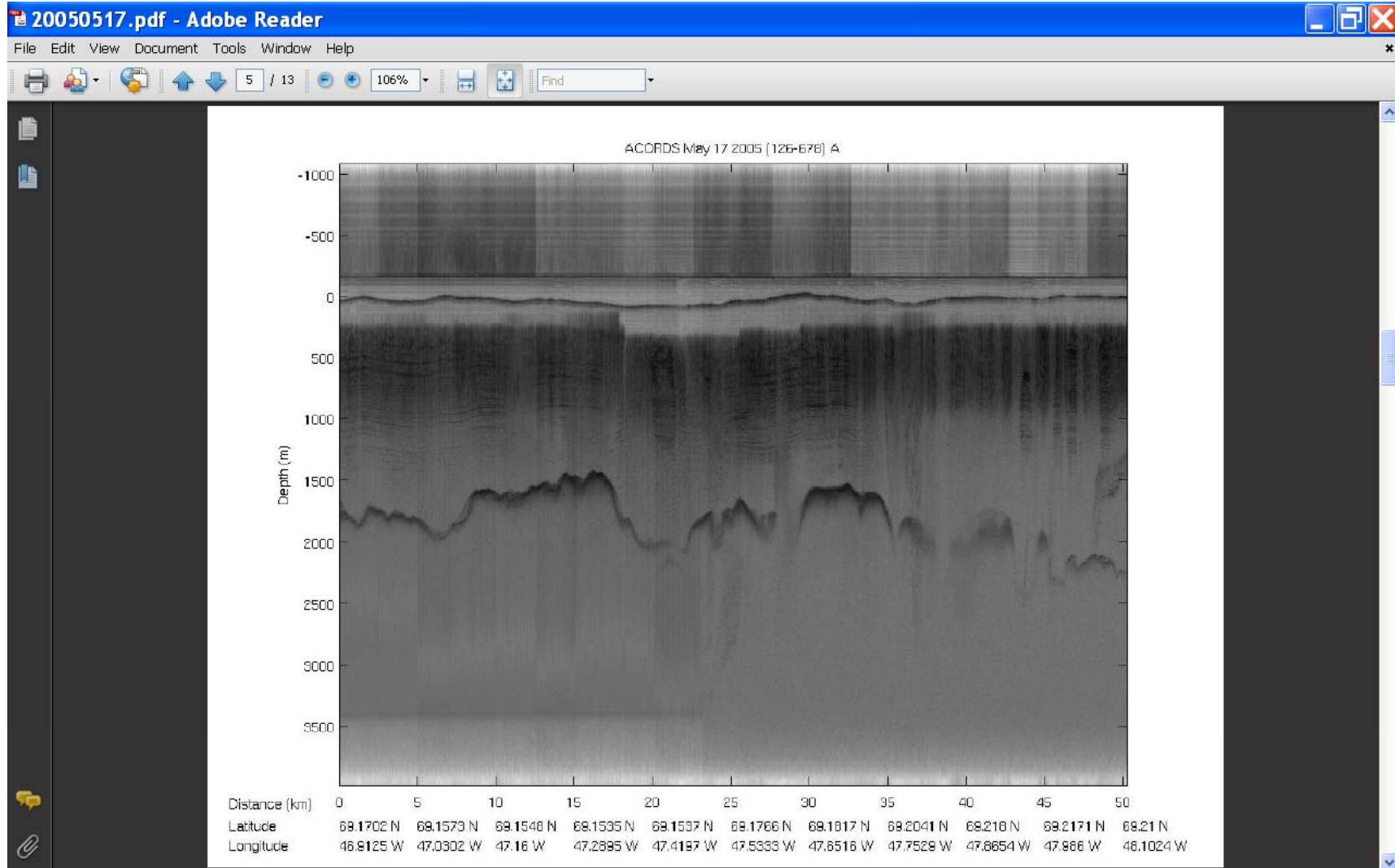
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 - Antarctica 2007-08
 - Greenland 2007

KU Radar Ice Thickness Profile



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- [RAMP AMM-1 SAR Image Mosaic of Antarctica \[NSIDC-0103\]](#)
In 1997, the Canadian RADARSAT-1 satellite was rotated in orbit, so that its synthetic aperture radar (SAR) antenna looked south towards Antarctica. This permitted the first high-resolution ...
- [Radarsat Antarctic Mapping Project Digital Elevation Model Version 2 \[NSIDC-0082\]](#)
The high-resolution Radarsat Antarctic Mapping Project (RAMP) Digital Elevation Model (DEM) combines topographic data from a variety of sources to provide consistent coverage of all of Antarctica.

Showing 1 through 2 of 2

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