



New Data and Updates at PO.DAAC

Jessica.K.Hausman@jpl.nasa.gov

Jet Propulsion Laboratory/California Institute of Technology

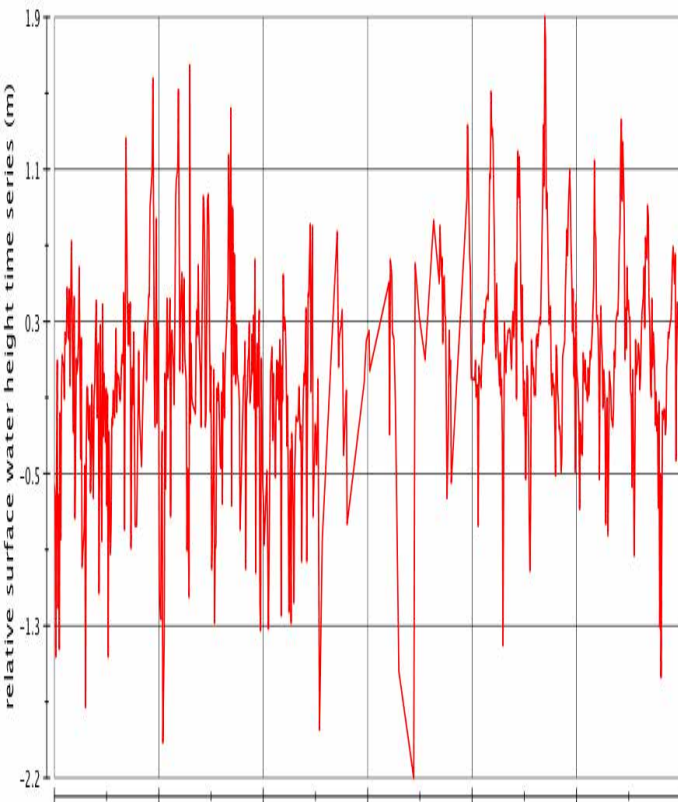
Outline

- Datasets
 - Pre-SWOT Hydrology
 - Integrated Multi-Mission Ocean Altimeter Tools
- Tools
 - HiTIDE
 - SOTO
 - Drive
- SWOT Survey
- Tutorials and recipes

Pre-SWOT Hydrology - MEaSUREs 2012 Lettenmaier, Durand, et. al

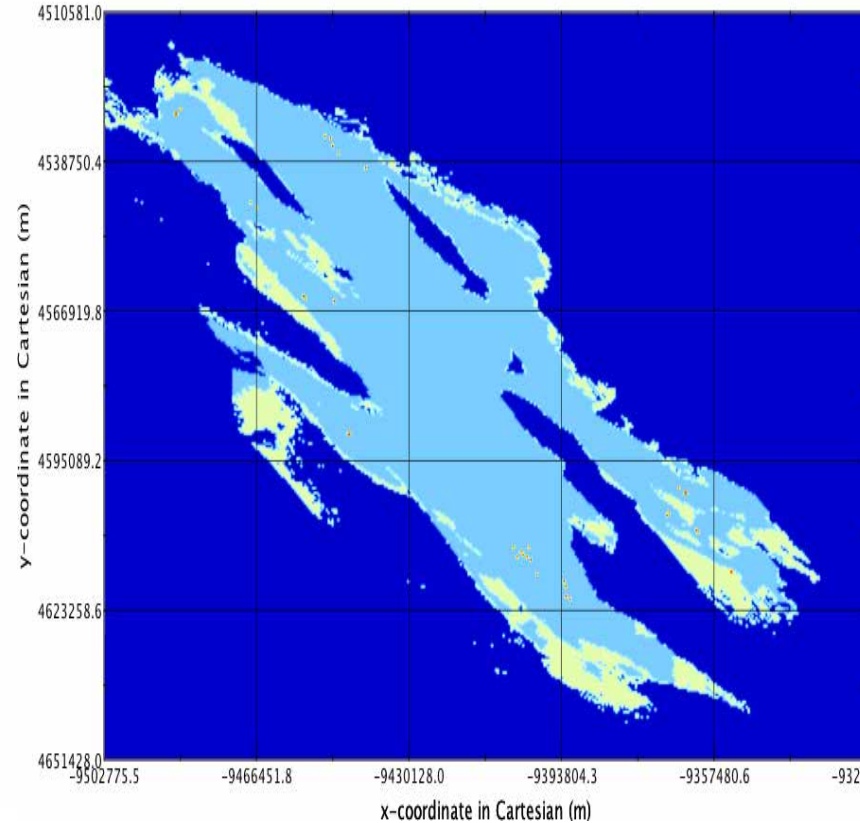
GREALM Lake Heights

GREALM relative surface water height time series at Yellowstone



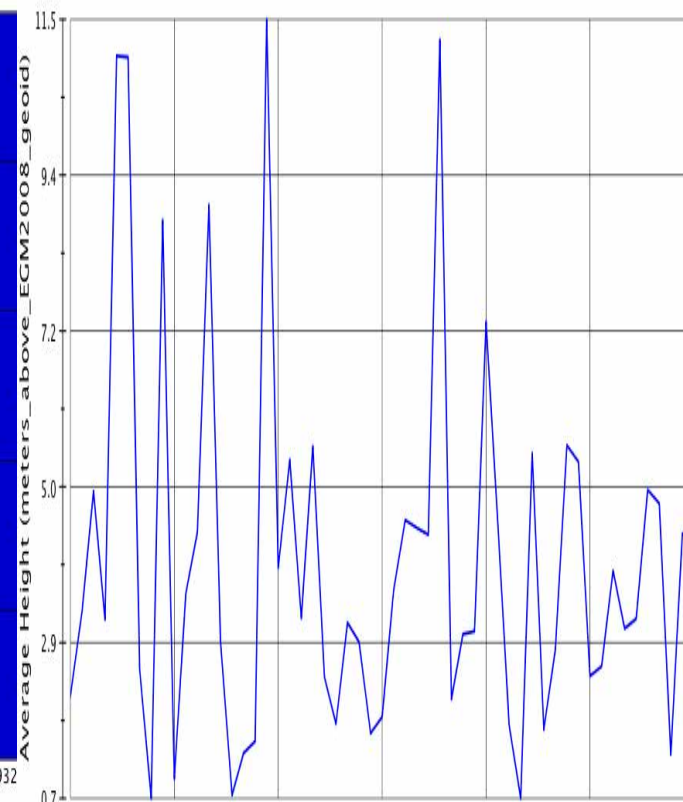
Lake Area

land classification flag

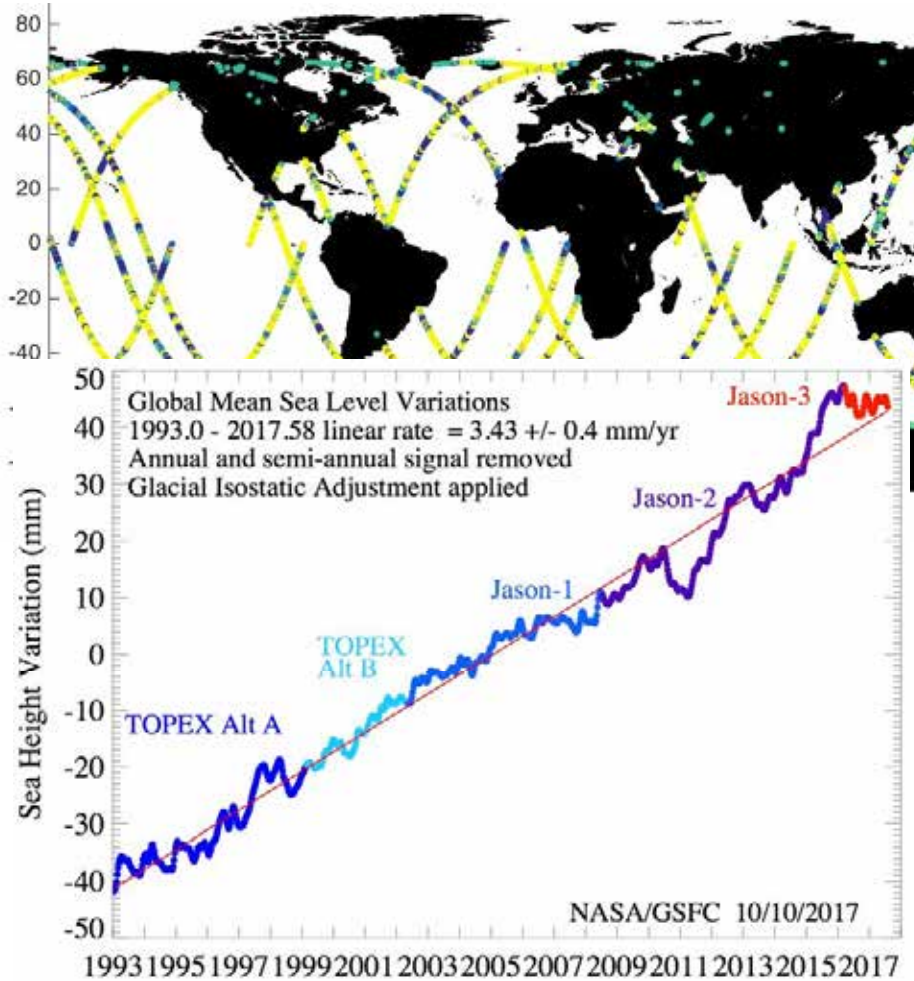


GRRATS River Heights

GRRATS Columbia River Heights

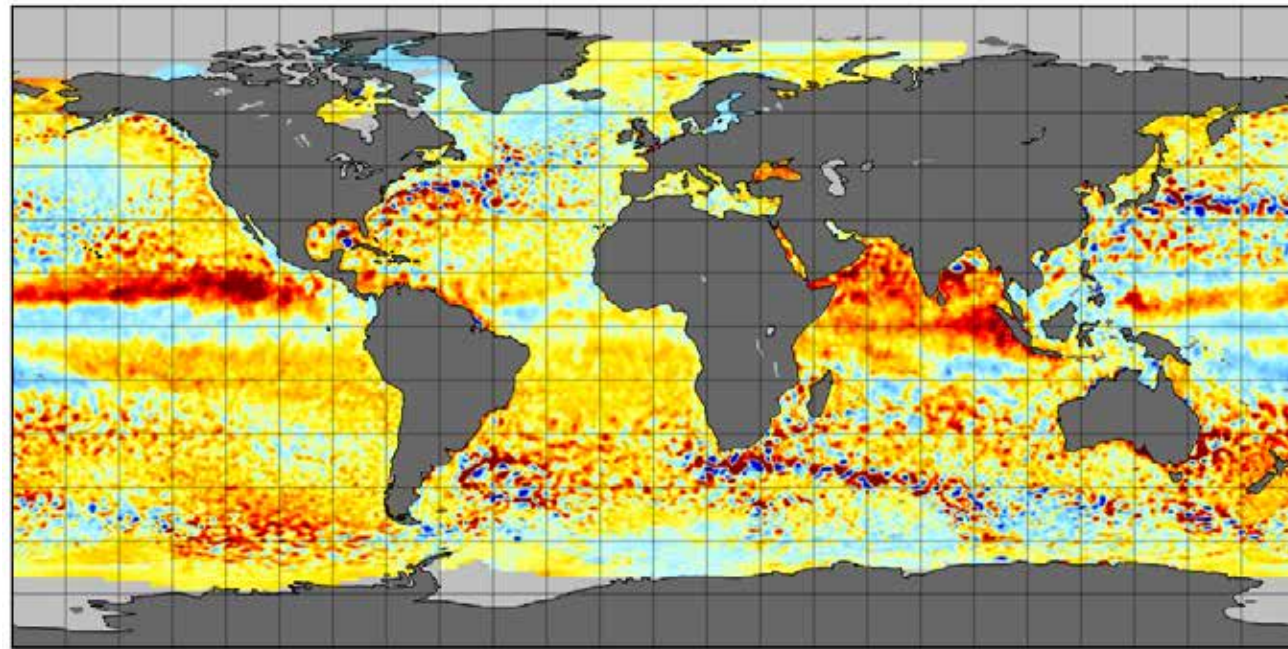


MEaSURES 2012 Integrated Multi-Mission Ocean Altimeter and Gridded SSHA

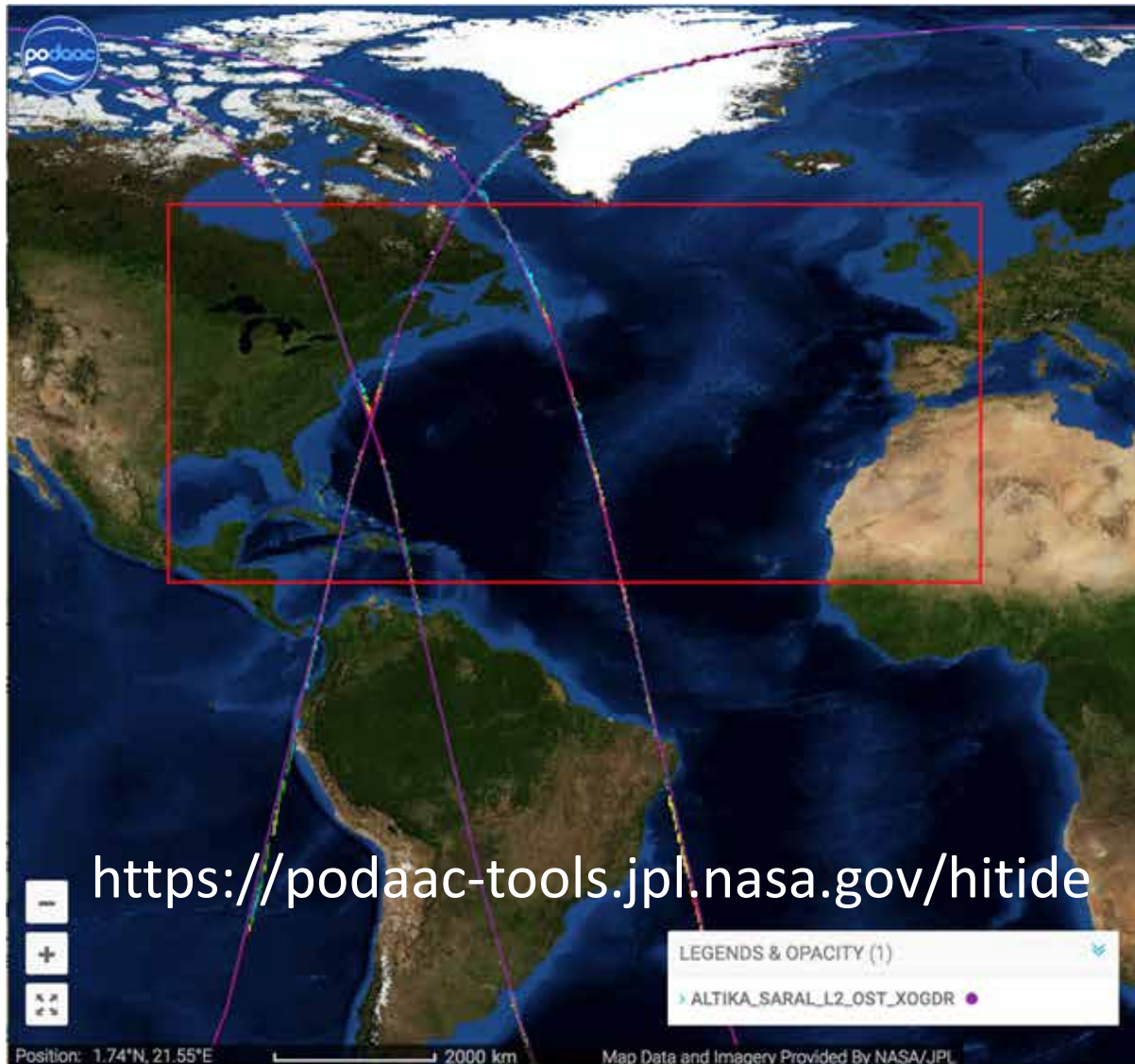


Level2/swath version 4

Gridded via Kriging



HiTIDE – Swath subsetter



HiTIDE

SEARCH DATASETS GRANULE SELECTION 1 DOWNLOADS 163

Downloads

Review the selections you have made then submit them for processing. We will zip and email you the results.

REVIEW GRANULES SELECTED FOR DOWNLOAD

ALTIKA_SARAL_L2_OST_XOGDR 163 Granule(s) X

Region: -96.289, 14.063, 1.797, 59.766
Date Range: 2017/10/01 to 2017/10/18
Granule Name Filter: None

Select Extraction Variables

- surface_type
- rad_surf_type
- ecmwf_meteo_map_avail
- trailing_edge_variation_flag

Enter email address

Cut Scanline

Merge Granules

DOWNLOAD SELECTED GRANULES

Note: Once submitted, downloads cannot be canceled.

YOUR DOWNLOADS

Start Time	Status
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SOTO – State Of The Ocean

<https://podaac-tools.jpl.nasa.gov/soto>

The screenshot displays the SOTO web interface. On the left, a sidebar lists various datasets with checkboxes and counts. The 'Sea Surface Height' dataset is highlighted in blue. Below the sidebar, a date selector is set to '1992'. The main content area is divided into three sections: 'SEARCH', 'MATCHING DATASETS', and 'DATASET INFORMATION'. The 'MATCHING DATASETS' section shows a single result: 'SSH Anomaly (L4, 5-day 1/6 Deg, heights above a 20 year time-mean (1993-2012)) MEaSURES/JPL', which is checked. The 'DATASET INFORMATION' section features a global map of SSH anomalies and a detailed description of the data source and processing.

SEARCH	MATCHING DATASETS	DATASET INFORMATION
All 19	<input checked="" type="checkbox"/> SSH Anomaly (L4, 5-day 1/6 Deg, heights above a 20 year time-mean (1993-2012)) MEaSURES/JPL	 SSH Anomaly (L4, 5-day 1/6 Deg, heights above a 20 year time-mean (1993-2012)) MEaSURES/JPL Gridded Sea Surface Height Anomalies (SSHA) above a mean sea surface, on a 1/6th degree grid every 5 days. The gridded data are derived from the SSHA data of TOPEX/Poseidon, Jason-1, Jason-2 and Jason-3, ERS-1, ERS-2, Envisat, SARAL-AltiKa, and CryoSat-2, depending on the date. There can be a lag, up to 2 weeks, before the latest data are displayed due to the availability of data and processing time.
Ocean Color 1		
Ocean Surface Current 2		
Ocean Surface Wind 4		
Sea Ice 1		
Sea Surface Height 1		
Sea Surface Salinity 1		
Sea Surface Temperature 4		
Soil Moisture 2		
Surface Precipitation 2		
True Color 1		

1992

Drive

<https://podaac-uat.jpl.nasa.gov/drive>

- Sentinel-3A data distribution, once available
- Replicates FTP functionality
 - Browser based directory exploration
 - Click to download and shareable links
 - Support for curl and wget
- Earthdata login required
- WebDAV
 - Mount the entire archive to your machine
 - Explore, read, analyze as if the files are local
 - Works with popular tools like Panoply and NetCDF command line tools
- <https://youtu.be/VZmzWANEKBs>

SWOT Survey - tinyurl.com/swotsurvey2

This survey is designed to help quantify user requirements on the SWOT data distribution and archive system hosted by JPL through PO.DAAC in support of science and applications users. If you are interested in using SWOT data please fill out the survey to help design the data distribution system.

SWOT User Survey 2.0

You may have been invited in the past for the initial SWOT User Survey that was used for scoping applications and science that could be addressed from SWOT. This survey is designed to help us quantify user requirements on the SWOT data distribution and archive system hosted by JPL through PO.DAAC in support of science and applications users. Although NASA makes a distinction between science users and application users, it is important to note that for this survey, we are interested in ALL USERS.

As such, ***it would be extremely useful if you would forward this survey to anyone that you know (graduate students, colleagues, etc.) who may be interested in using SWOT data so that we can appropriately design the system to accommodate SWOT user needs***. The more questions answered (i.e. not skipped), the better understanding we will have of user needs for the system.

OBJECTIVE

This survey is a tool to understand which users can be served by what SWOT will provide as designed. SWOT and PO.DAAC do not commit to designing their data systems around any one specific use case.

NEXT

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Never submit passwords through Google Forms.

Tutorials and Recipes

<https://podaac.jpl.nasa.gov/forum>

The screenshot shows the Podaac forum interface. At the top, there is a navigation bar with links for Home, Dataset Discovery, Data Access, Measurements, Missions, Multimedia, Community, Forum, and About. The forum title is 'PODAAC FORUMS' and the current time is 'Mon Oct 23, 2017 7:56 am'. A search bar is located in the top right corner. The main content area displays a list of forum topics with columns for 'TOPICS', 'POSTS', and 'LAST POST'. Two topics are highlighted with red boxes: 'Data Recipes' and 'Tutorials'. The 'Data Recipes' topic has 84 topics and 94 posts, last updated by 'Imcgibbn' on Fri Oct 20, 2017 3:28 pm. The 'Tutorials' topic has 13 topics and 7 posts, last updated by 'podaac' on Mon Aug 21, 2017 11:50 am. Below the main list is a section for 'FREQUENTLY ASKED QUESTIONS' with a 'General Information FAQ' topic having 26 topics and 30 posts.

PODAAC FORUMS	TOPICS	POSTS	LAST POST
General Questions	23	50	by phyllishofer Fri Sep 15, 2017 7:08 am
Data Recipes Programming scripts on how to read, analyze and access PO.DAAC data	84	94	by Imcgibbn Fri Oct 20, 2017 3:28 pm
Data Access Tools and services	87	204	by huntingbow Sun Oct 08, 2017 1:27 am
Ocean Stories Discussions A forum where our User community can discuss about Ocean Stories we've published in our Web Portal.	30	37	by podaac Mon Oct 16, 2017 4:08 pm
Tutorials PODAAC products and services related tutorials	13	7	by podaac Mon Aug 21, 2017 11:50 am
PO.DAAC Meetings and Workshops PO.DAAC team members participation at recent and upcoming meetings and workshops	11	14	by podaac Tue Oct 17, 2017 12:48 pm

FREQUENTLY ASKED QUESTIONS	TOPICS	POSTS	LAST POST
General Information FAQ	26	30	by beckham2000 Mon Oct 02, 2017 4:21 pm

Tutorials

Forum home < PODAAC Forums < Tutorials

NEWTOPIC* Search this forum... Search

13 topics • Page 1 of 1

TOPICS	REPLIES	VIEWS	LAST POST
Tutorial: PO.DAAC 101 – Web Portal Navigation by podaac » Mon Aug 21, 2017 11:50 am	1	547	by latheexperts » Tue Sep 12, 2017 5:33 am
Tutorial: PO.DAAC 101 - How to Use OPeNDAP to Access Data by podaac » Wed Aug 09, 2017 11:01 am	0	505	by podaac » Wed Aug 09, 2017 11:01 am
Datacasting Feed Publisher guide by podaac » Fri Jan 20, 2017 9:15 am	0	2274	by F »
Data Access Webinar: PO.DAAC Drive and HITIDE by mglerach09 » Tue Oct 04, 2016 12:20 am	0	1640	by T »
Video Tutorial on Web-based Aquarius Data Visualization by vtsontos » Wed Jun 29, 2016 4:07 pm	0	2155	by W »
Video Tutorial on Accessing Aquarius Data at PO.DAAC by vtsontos » Wed Jun 29, 2016 4:02 pm	0	1077	by W »
Video Tutorial on Discovering Aquarius Data at PO.DAAC by vtsontos » Wed Jun 29, 2016 3:53 pm	0	1080	by W »
Video Tutorial on LAS Usage for Visualization & Subsetting by vtsontos » Wed Jun 29, 2016 3:50 pm	0	1758	by W »
Video Tutorial on Accessing Data at PO.DAAC by vtsontos » Wed Jun 29, 2016 3:41 pm	0	1486	by W »
Video Tutorial on Discovering Data at PO.DAAC by vtsontos » Wed Jun 29, 2016 3:34 pm	0	1478	by W »

Display topics from previous: All Topics Sort by Post time Descend

<https://www.youtube.com/user/NASAJPLPODAAC>

NASAJPLPODAAC
286 subscribers

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- NASA's Scientific Visualization Studio (1 video)
- NASA/JPL PO.DAAC ANIMATIONS (9 videos)
- CENTRE NATIONAL D'ETUDES SPATIALES (CNES) (11 videos)
- NASA/GODDARD SVS ANIMATIONS (14 videos)
- Liked videos (1 video)
- NASA/JPL ANIMATIONS (6 videos)

Data Rec

Visualization

Forum home

Forum home < PODAAC Forums < Data Recipes < Visualization

FORUM

Data Fo

Data Ac

Visualiz

Numeric








Others

NEWTOPIC*

Search this forum...

Search

7 topics • Page 1 of 1

TOPICS	REPLIES	VIEWS	LAST POST
 Level 2 Visualization Using Python Pyresample Library (2) by yiboj » Fri Nov 18, 2016 9:10 am	0	1211	by yiboj Fri Nov 18, 2016 9:10 am
 Level 2 Visualization Using Python Pyresample Library (1) by yiboj » Sun Oct 23, 2016 3:10 pm	0	1066	by yiboj Sun Oct 23, 2016 3:10 pm
 Image Manipulation Using ImageMagick Command-Line Tools by yiboj » Mon Oct 03, 2016 8:46 pm	0	934	by yiboj Mon Oct 03, 2016 8:46 pm
 Data Animation Using Python (Part 2) by yiboj » Fri Sep 23, 2016 5:20 pm	0	1065	by yiboj Fri Sep 23, 2016 5:20 pm
 Data Animation Using Python (Part 3) by yiboj » Fri Sep 23, 2016 12:37 pm	0	1039	by yiboj Fri Sep 23, 2016 12:37 pm
 Data Animation Using Python (Part 1) by yiboj » Thu Sep 08, 2016 10:01 pm	0	1193	by yiboj Thu Sep 08, 2016 10:01 pm
 Using Python to Created Simple Plots and Contours by khayashi » Wed Aug 05, 2015 12:29 pm	0	1421	by khayashi Wed Aug 05, 2015 12:29 pm

Display topics from previous: All Topics Sort by Post time Descending Go

Questions

<http://podaac.jpl.nasa.gov/>

<https://podaac.jpl.nasa.gov/forum/>

<http://www.youtube.com/user/NASAJPLPODAAC>

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