PO.DAAC & “The Blob": Discover and Visualize NASA Physical Oceanographic Data

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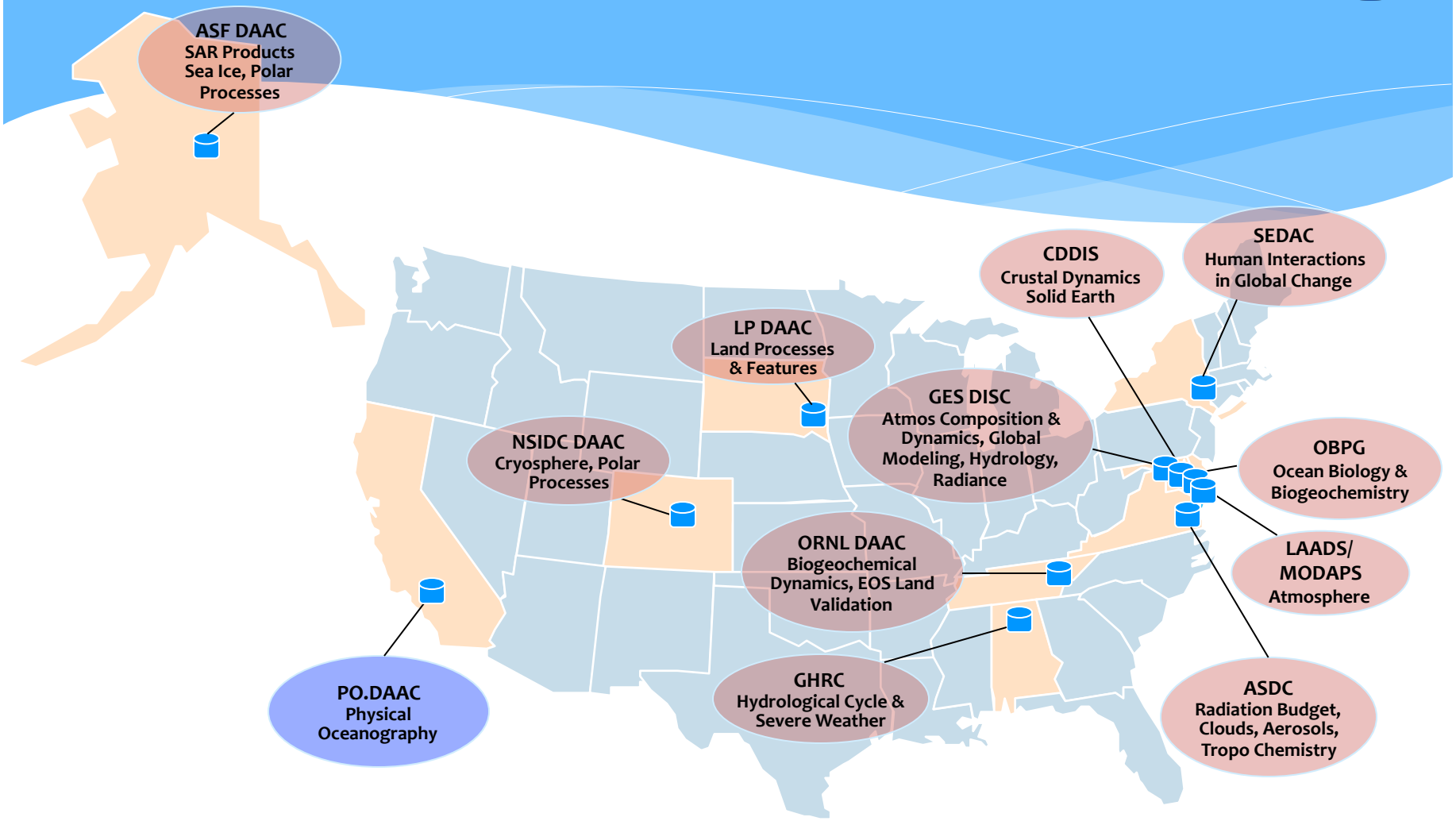
Jet Propulsion Laboratory / California Institute of Technology

PO.DAAC is One of Twelve NASA DAACs



PO.DAAC Data Holdings

NASA Missions & Projects

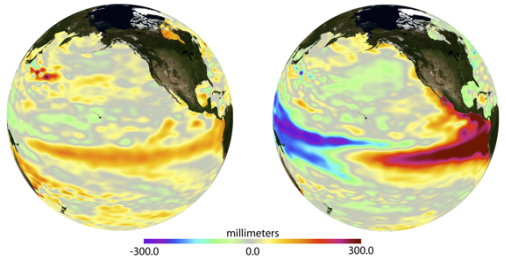
Seasat, TOPEX/Poseidon, Jason-1, NSCAT, SeaWinds on ADEOS-II, QuikSCAT, GRACE, GHRSST, MEaSUREs, Aquarius, CYGNSS (2016), GRACE-FO (2017)

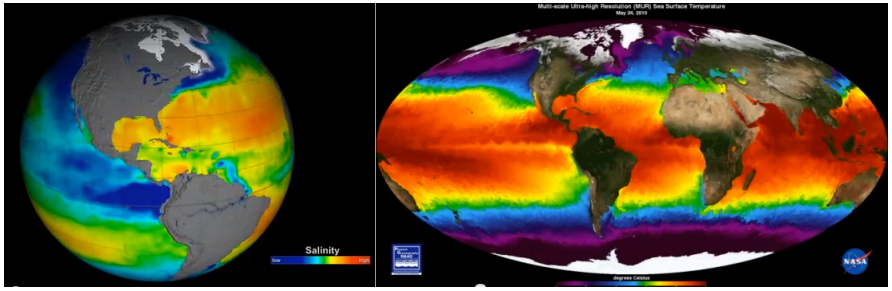
Potentials: SPURS, AirSWOT, SWOT, GRACE-2

Ocean & Climate Community Driven

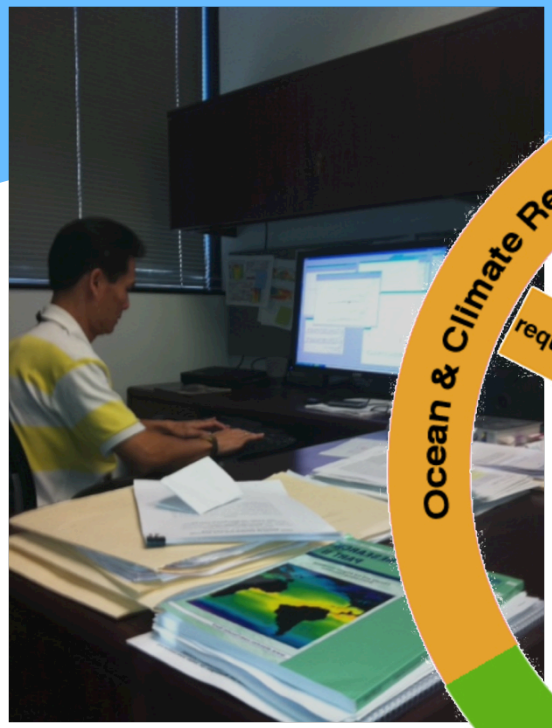
Value-added datasets in support of NASA programs

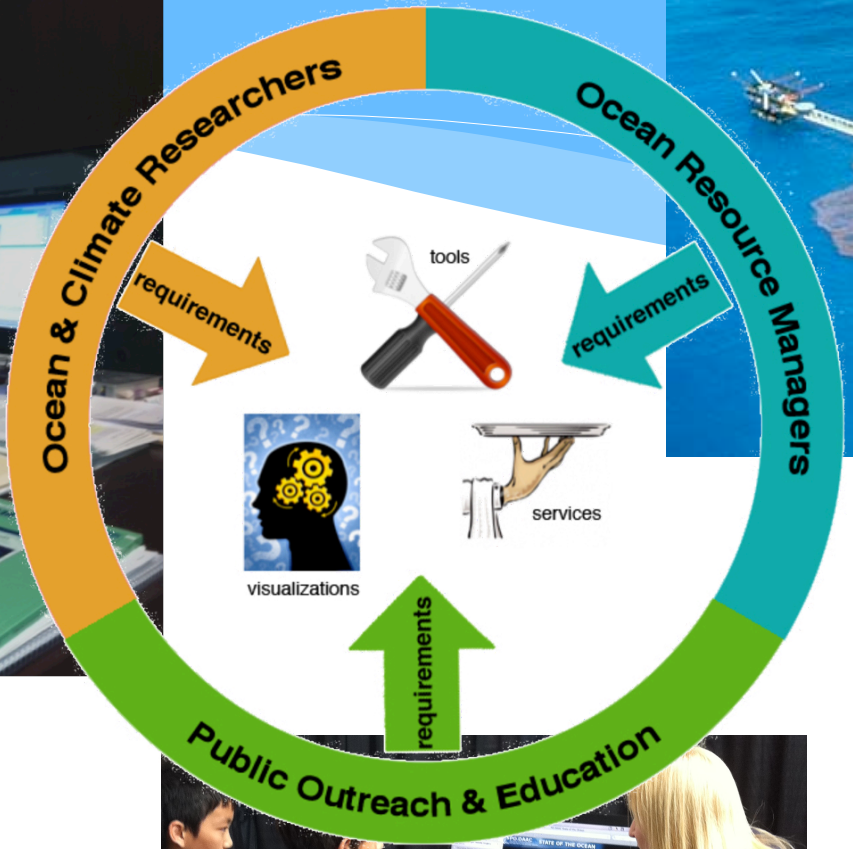
Gravity
Ocean Circulation & Currents
Ocean Surface Salinity
Ocean Surface Topography
Ocean Vector Winds
Sea Surface Temperature
Sea Ice
Ocean Color





PO.DAAC Customers

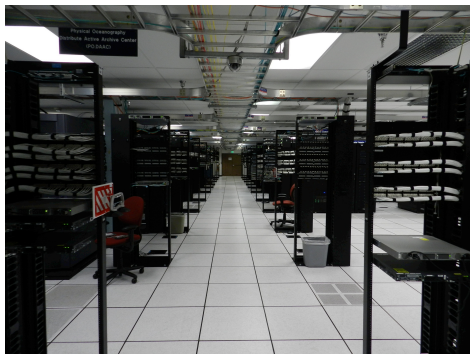




PO.DAAC Functional Areas

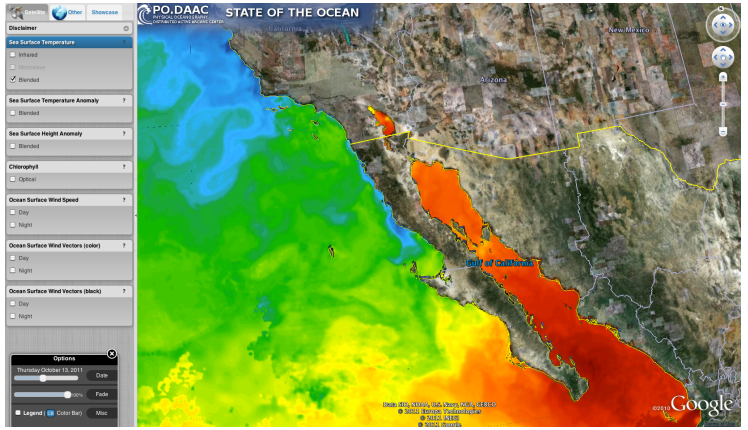
Data Management & Stewardship

Preserve NASA's data for the benefit of future generations



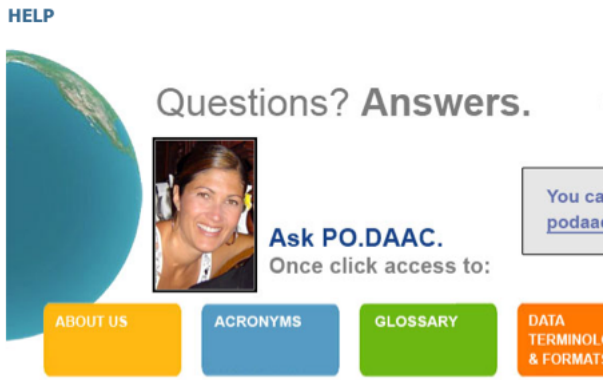
Data Access

Provide intuitive services to discover, select, extract and utilize data



Science Information Services

Provide a knowledgebase to help a broad user community understand and interpret satellite ocean data and related information



Data Access


Jet Propulsion Laboratory
California Institute of Technology
podaac
Physical Oceanography Distributed Active Archive Center
Home
Dataset Discovery
Data Access
Measurements
Missions
Multimedia
Community
About
Forum
Search
Access
Visualize
Help
Announcements
Connect with PO.DAAC on Twitter!
Tuesday, February 4, 2014
NASA & PODAAC Annual Customer Satisfaction Survey 2013
Friday, September 6, 2013
Aquarius-CAP v2.0 July 2013 data now available from PO.DAAC
Tuesday, September 3, 2013
Events
System Alerts
Greenland Glacier Breaks Speed Record
Ocean Stories
Image of the Day
Spotlight
Sea Surface Height Anomaly: SARAL and Jason-2 Measurements from 08-Feb-2014 to 18-Feb-2014
AGU Fall 2013 Meeting
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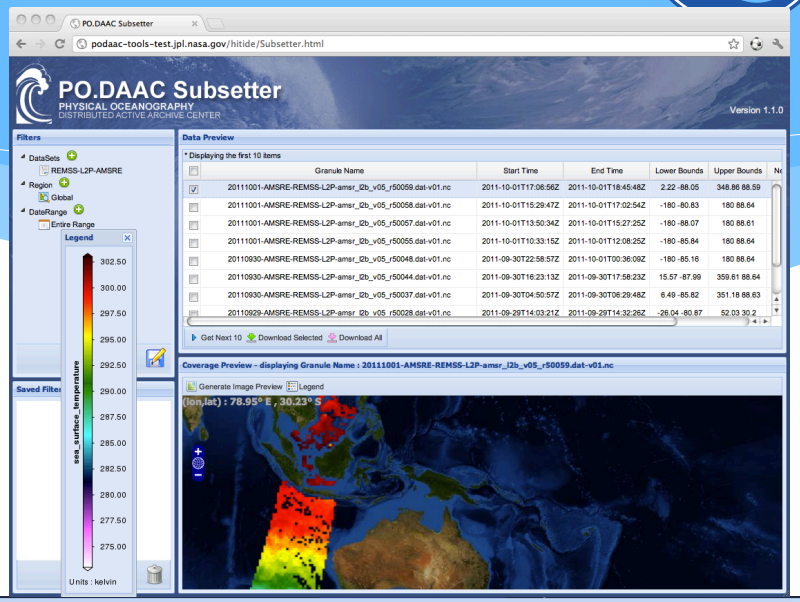
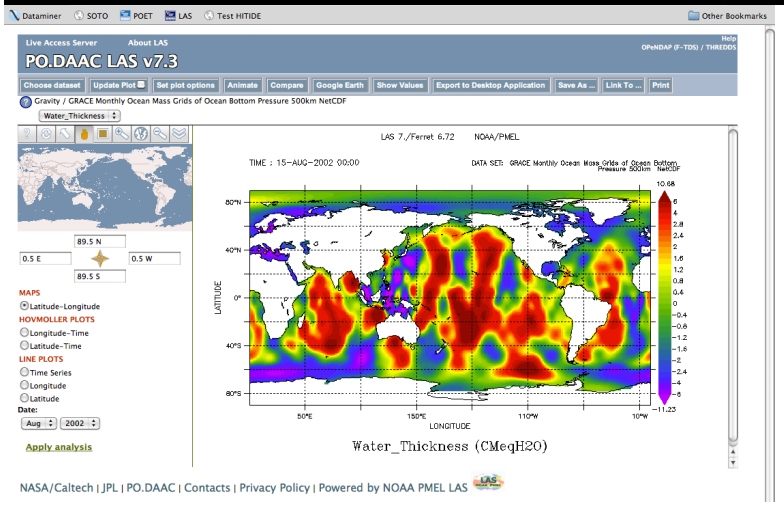
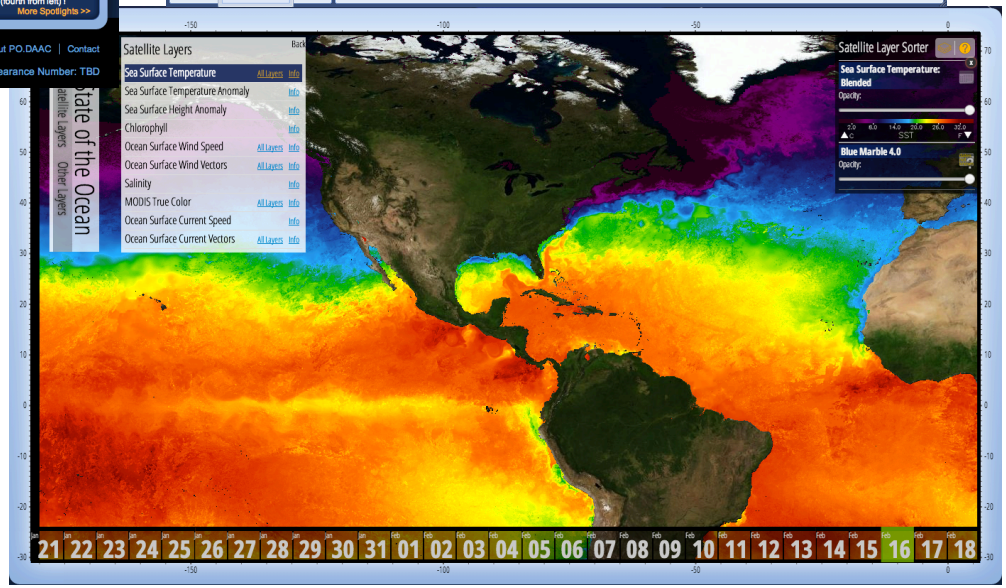
Clearance Number: TBD

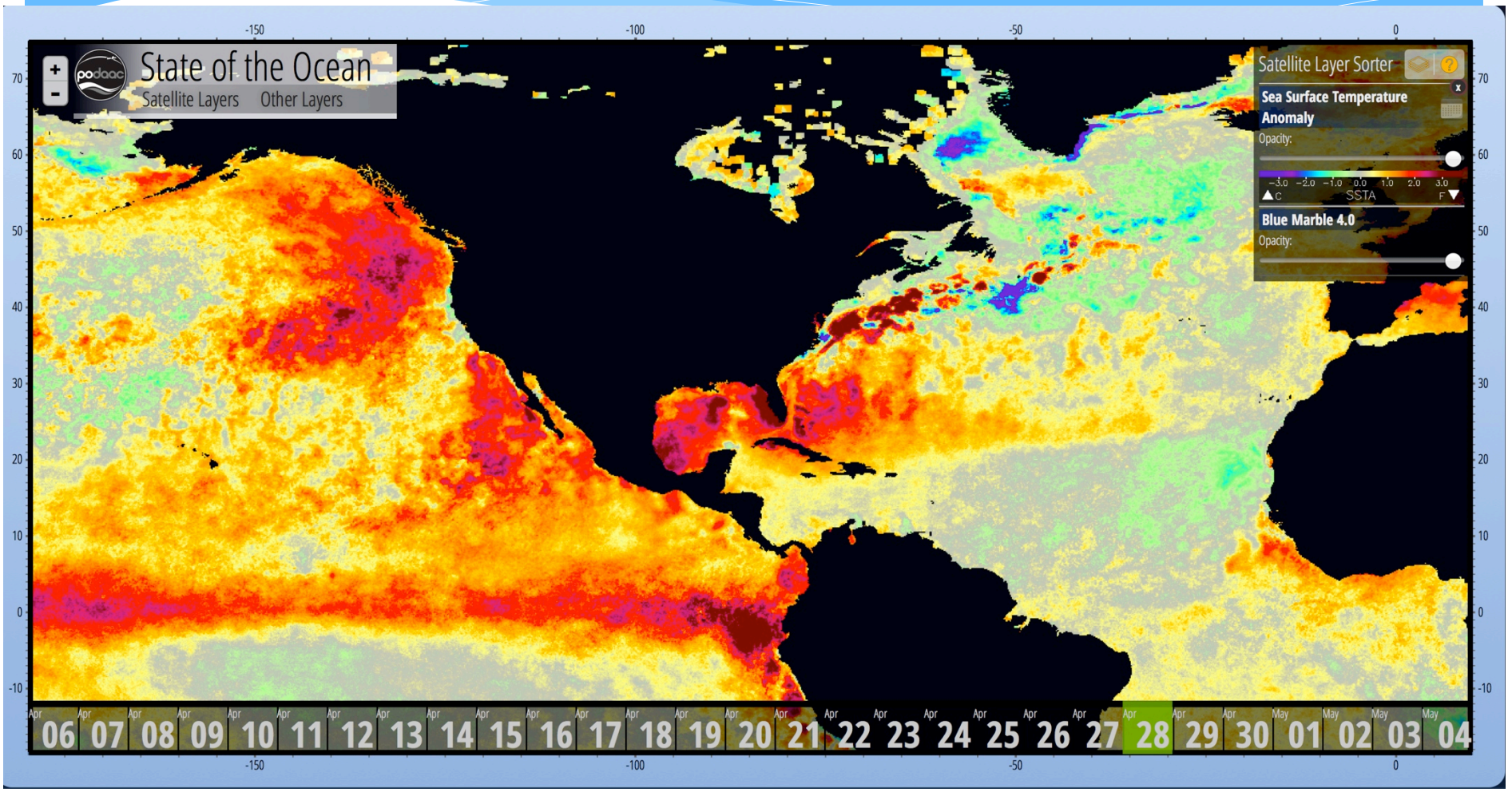

PO.DAAC Subsetter
podaac-tools-test.jpl.nasa.gov/hitide/Subsetter.html
PO.DAAC Subsetter
PHYSICAL OCEANOGRAPHY
DISTRIBUTED ACTIVE ARCHIVE CENTER
Version 1.1.0
Filters
Data Preview
Legend
Coverage Preview - displaying Granule Name : 20111001-AMSRE-REMSS-L2P-amsr_l2b_v05_r50059.dat-v01.nc


Dataminer
SOTO
POET
LAS
Test HITIDE
Other Bookmarks
Live Access Server
About LAS
PO.DAAC LAS v7.3
Choose dataset
Update Plot
Set plot options
Animate
Compare
Google Earth
Show Values
Export to Desktop Application
Save As ...
Link To ...
Print
Gravity / GRACE Monthly Ocean Mass Grids of Ocean Bottom Pressure 500km NetCDF
Water_Thickness
LAS 7./Ferret 6.72
NOAA/PMEL
TIME : 15-AUG-2002 00:00
DATA SET: GRACE Monthly Ocean Mass Grids of Ocean Bottom Pressure 500km NetCDF
MAPS
Latitude-Longitude
HOVMOLLER PLOTS
Longitude-Time
Latitude-Time
LINE PLOTS
Time Series
Longitude
Latitude
Date:
Apply analysis
LONGITUDE
LATITUDE
Water_Thickness (CMeqH2O)
NASA/Caltech | JPL | PO.DAAC | Contacts | Privacy Policy | Powered by NOAA PMEL LAS


Satellite Layers
Sea Surface Temperature
Sea Surface Temperature Anomaly
Sea Surface Height Anomaly
Chlorophyll
Ocean Surface Wind Speed
Ocean Surface Wind Vectors
Salinity
MODIS True Color
Ocean Surface Current Speed
Ocean Surface Current Vectors
Satellite Layer Sorter
Sea Surface Temperature: Blended
Blue Marble 4.0
State of the Ocean
21 22 23 24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18

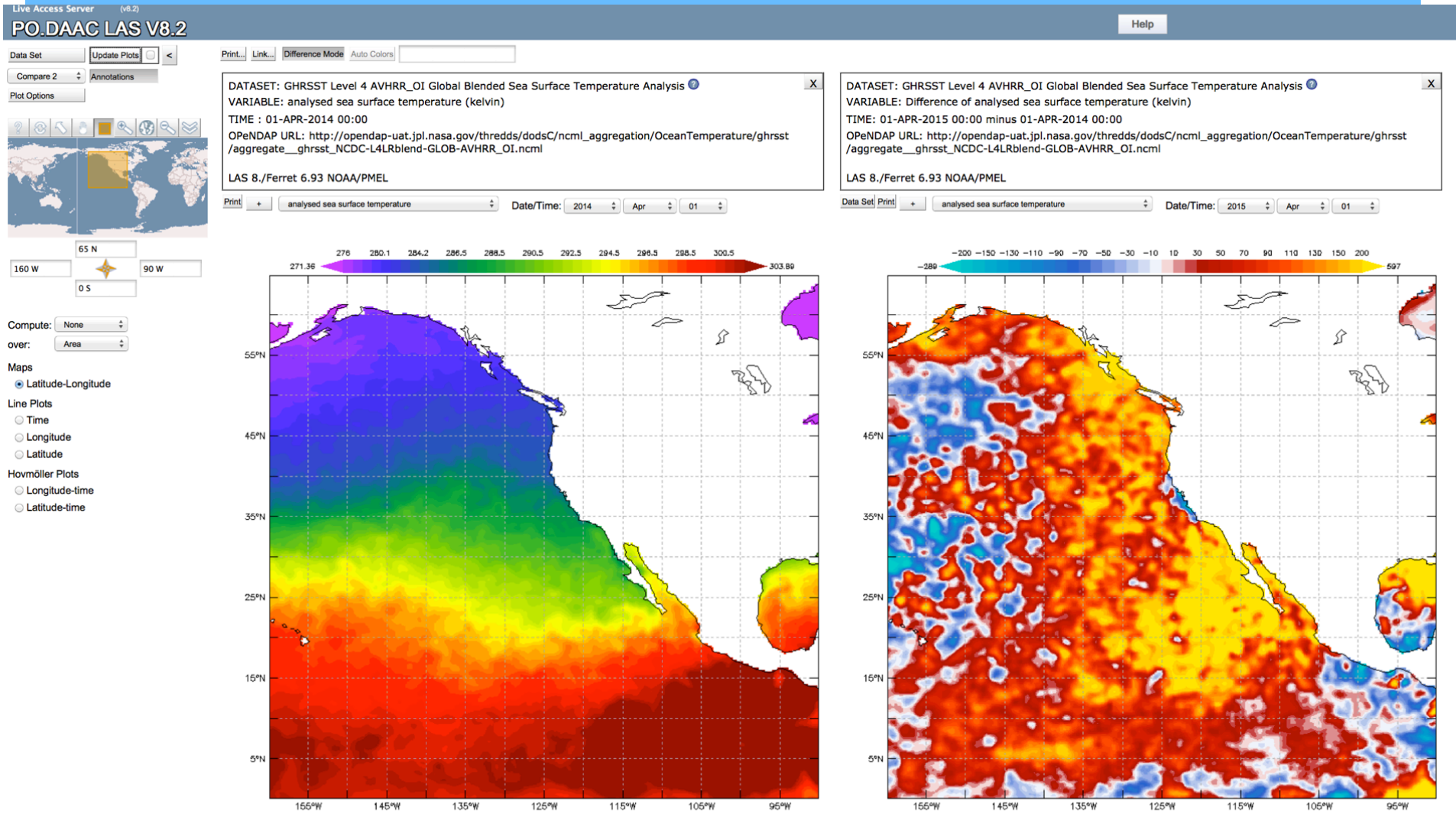
PO.DAAC State Of The Ocean (SOTO)

http://podaac-tools.jpl.nasa.gov/soto-2d/



PO.DAAC Live Access Server (LAS)

http://thredds.jpl.nasa.gov/las/



Now What?

* Check out the web portal & try our tools

Webpage	http://podaac.jpl.nasa.gov
FTP	ftp://podaac.jpl.nasa.gov
OPeNDAP	http://opendap.jpl.nasa.gov/
THREDDS	http://thredds.jpl.nasa.gov/
SOTO	http://podaac-tools.jpl.nasa.gov/soto-2d/
HiTIDE	http://podaac-tools.jpl.nasa.gov/hitide/
LAS	http://thredds.jpl.nasa.gov/las/
Web Services	http://podaac.jpl.nasa.gov/ws/

Now What?

* Let us know what you think!