

About PO.DAAC

- Physical Oceanography Distributed Active Archive Center
- Official NASA repository for satellite ocean data
- Part of a national network of Earth Science Data and Information System (ESDIS) data centers
- Completely revamped portal to go public May 1
- Preview: http://podaac-www.jpl.nasa.gov

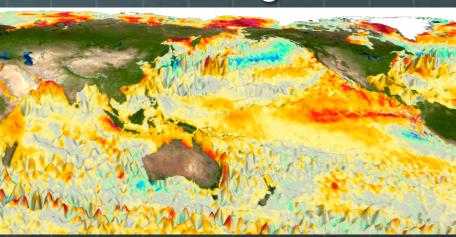
PO.DAAC Ocean Parameters

- Sea surface temperature
- Sea surface height
- Ocean winds
- Currents and ocean circulation
- Gravity
- Salinity (coming soon)

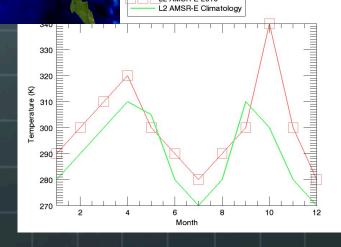


Visualization software development facilitating data:

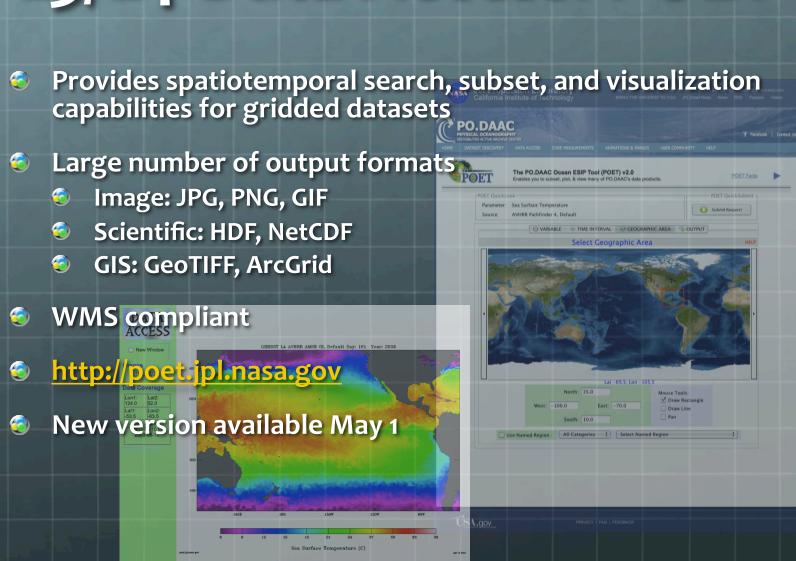
- Assessibility
- Evaluation
- Interpretation
- Obtainibility
- Understanding











L2 Data Access: Dataminer

- Provides fine-grained (sub-granular) search, imaging and extraction capabilities for swath datasets
- Spatiotemporal search can include unique statistical constraints specific to each dataset
- Access local and remote datasets
- Originally developed at Ifremer
- http://podaac-tools.jpl.nasa.gov/dataminer
- Coming soon: Dataminer functionality via web services

State of the Oceans

- Near real-time visualization and evaluation tool
- Utilizes Google Earth plug-in
- Combines NRT data, event and feature layers
- Updated multiple times daily
- Powered by back end processing system
 - Generates KML for L2/L3/L4 data products
 - ML pyramids allow for efficient high-resolution data display
- Produces raster- or vector-based KML
- New version available May 1 with updated interface & additional parameter layers
- http://podaac-www.jpl.nasa.gov/dataviewer



- El Niño and La Niña animations
 - Semi-automated process
 - Generalized "quick response" capability under development
 - http://podaac-www.jpl.nasa.gov/Animations/mages/Animations
- Magic Planet and Puffersphere content
 - SST, SSTA, SSHA high-resolution imagery
 - © Created with modified version of software developed for AIRS Maps From Space
- http://www-airs.jpl.nasa.gov/maps/satellite_feed

