

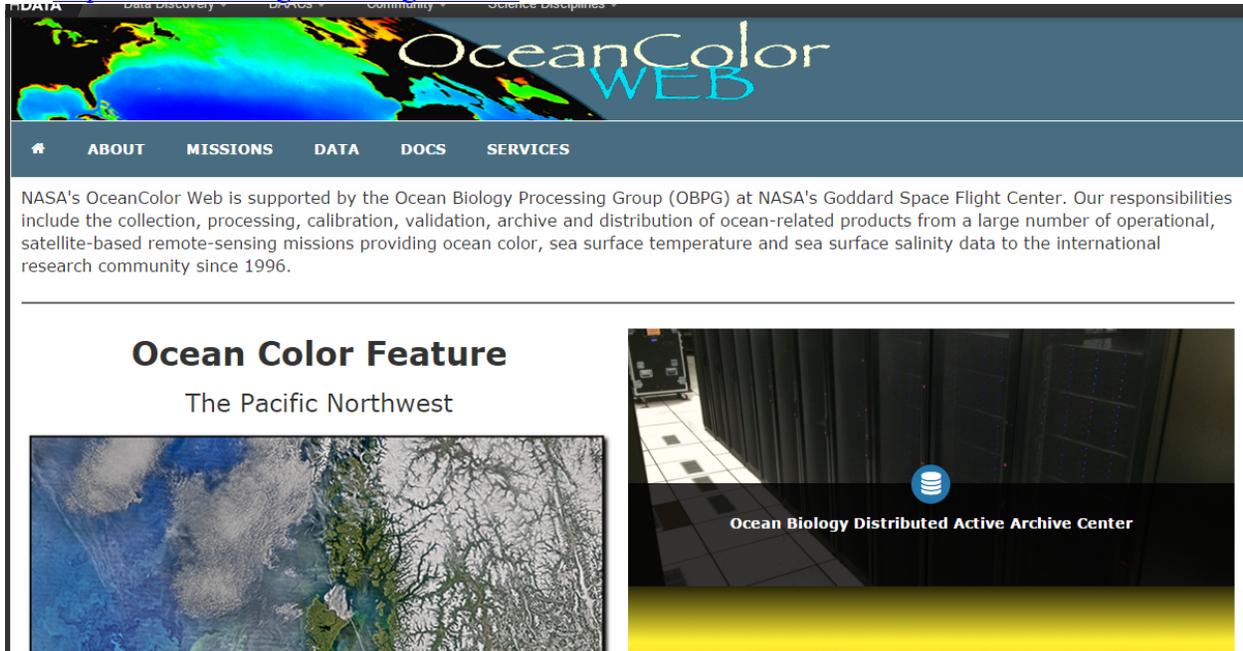
NASA ARSET Extended Session on Water Quality Monitoring Using Remote Sensing Observations

May 5, 2016

Demonstration: Access and visualize Level-2 Chlorophyll Concentration data using the NASA Ocean Color web-**too**

1. Navigate to the Ocean Web data portal in your web browser.

<http://oceancolor.gsfc.nasa.gov/cms/>



2. Under the “Data” tab select “Level 1 & 2 Browser.” This will bring you to the data search and selection page.

Parameter Selection

Swath Selection

Year Selection

Zoom on a Region by Clicking on the Map

Pre-defined Regions

Month and Day Selection

3. On this page you can select the desired data product.
 - a. **Check** the box next to **MODIS Aqua**.
 - b. **Check** both the **Day** and **Night** boxes.
4. On the calendar below the map, select **April 28, 2016 (the data are available in near real-time)**.
5. From the pre-defined regions select “**GulfOfMexico**” from the right hand side menu.
6. Click “**Find Swaths.**” Here you can view the available data and request to order the products.

Display 10 at a time. [ORDER DATA](#)

A2016119192500L2_LAC_OC	A2016119065000L2_LAC_OC		
A2016119083000L2_LAC_OC			
28Apr2016			
****	****	****	****
Browse image not available			
List LO	A2016119192000L2_LAC_OC	A2016119082500L2_LAC_OC	A2016119064500L2_LAC_OC

Search Criteria
 Time Period: Thursday, 28 April 2016 (daytime and nighttime)
 Sensors: Aqua
 Area of Interest: GulfOfMexico

Percentage of AOI that swaths must include: 0
 Number of swaths: 1st through 6th of 6 swaths

[OceanColorWEB](#)

This will produce the results of the search to the screen.

7. By **clicking** on the image you will be taken to the dataset’s webpage. From this page you can download the compressed files and view the documentation

[A2016119192500L2_LAC](#) 313,386,470 bytes
[A2016119192500L1A_LAC](#) 231,350,670 bytes
[A2016119192500L2_LAC_OC.nc](#) 23,725,412 bytes
[A2016119192500L2_LAC_FOP.nc](#) 242,250,974 bytes
[A2016119192500L2_LAC_SST.nc](#) 20,420,170 bytes

(The above hyperlinks point to [compressed files](#).
 Documentation on these products can be found [HERE](#).)

[Select this image](#)

Quasi True Color Chlorophyll Sea Surface Temperature (11 µ)

Thursday, 28 April 2016
 20161119

Search Criteria
 Time Period: Thursday, 28 April 2016 (daytime and nighttime)
 Sensors: Aqua
 Area of Interest: GulfOfMexico