

How to Read CONVERGE Other Datasets Data Primer

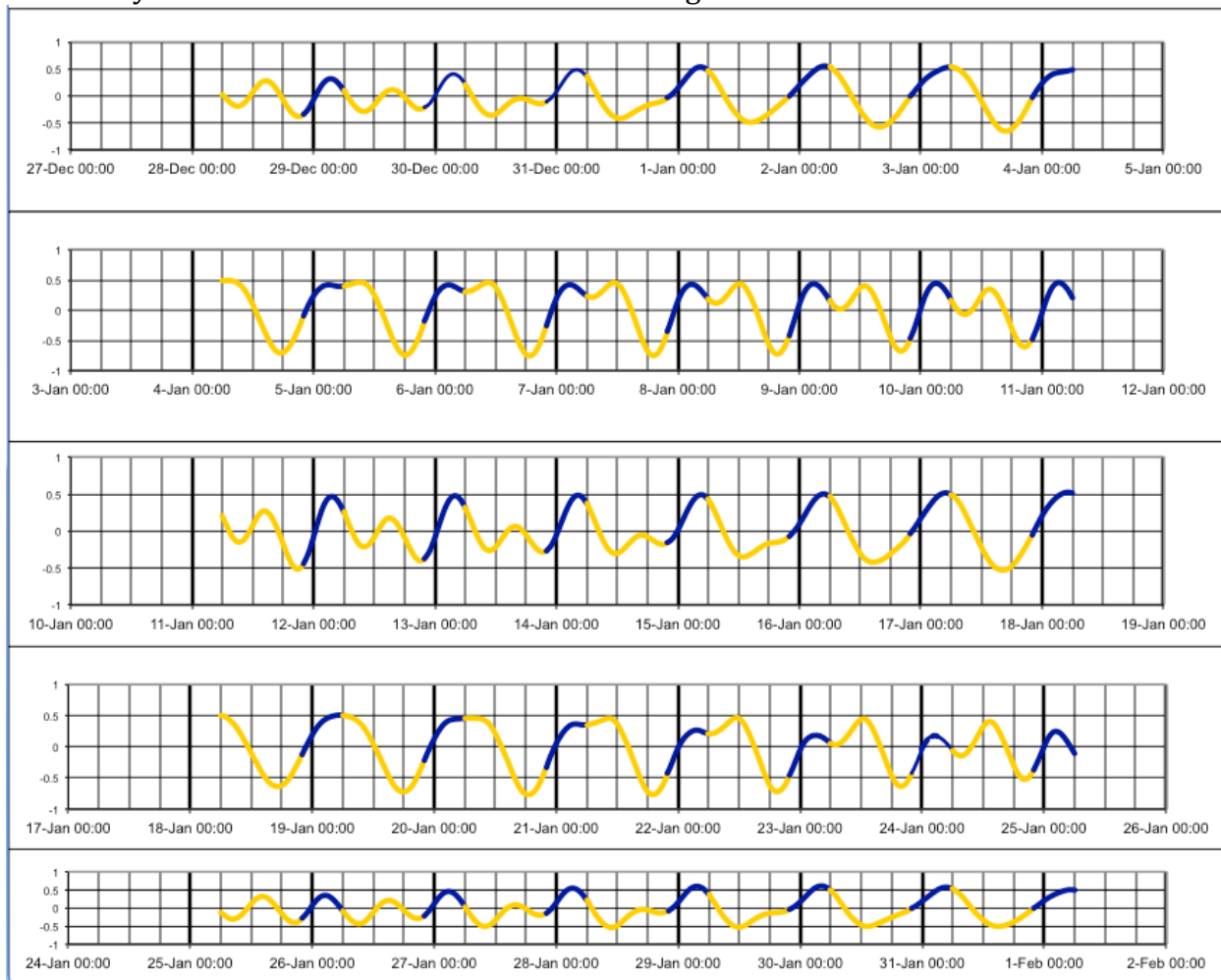
Overall Notes about the data:

- Everything is in Greenwich Mean Time (GMT), which is 5 hours ahead of the east coast.
- All time is presented in military time, which means it is from 0:00 (12:00am) to 23:59 (11:59pm).
- Wind measurements are in m/s and surface current measurements are in cm/s, check the units carefully when looking at arrowed maps to know which you are looking at.

6) Other Datasets

Local Winds - This will be a time series plot of wind measurements at Palmer Station. The horizontal axis is time and the vertical axis is wind speed in m/s.

- *Predicted Local Water Level* - This link shows the predicted water level around Palmer Station for the month of January (aka this provides information about the tides). Each row is a week of the predicted water level, with the dates along the x-axis and the water level along the y-axis in m above the reference point 0 which is the annual mean tidal level at the Palmer station dock. The yellow line indicates daytime hours and the blue line indicates nighttime hours.



- Remote Sensing* – This link directs you to a data portal provided by the University of Delaware, using the NOAA ERDDAP interface to allow you to plot different satellite data (SST- Sea Surface Temperature or chl_oc3 – chlorophyll) in the Palmer Station region during different periods. Using the buttons you can select different graph settings. If you scroll your mouse over the buttons a descriptive text pops up explaining what the button is in relation to on the map. NOTE: This region is very cloudy, so satellite data are rare. If your plot looks all deep purple or all white, there is no valid satellite data for that day.

ERDDAP
Easier access to scientific data
Brought to you by [NOAA NMFS SWFSC ERD](#)

[ERDDAP](#) > [griddap](#) > [Make A Graph](#)

Dataset Title: [Modis Aqua Satellite Data](#) RSS
 Institution: University of Delaware (Dataset ID: palmer1Day)
 Information: [Summary](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Data Access Form](#)

Graph Type: surface

X Axis: longitude
 Y Axis: latitude
 Color: chl_oc3

Dimensions Ⓢ

	Start Ⓢ	Stop Ⓢ
time (UTC) Ⓢ	specify just 1 value →	2015-01-07T23:59:59Z Ⓢ
latitude (degrees_north) Ⓢ	-64.5999984741211 Ⓢ	-65.24421691894531 Ⓢ
longitude (degrees_east) Ⓢ	-65.0 Ⓢ	-63.01472473144531 Ⓢ

Graph Settings

Color Bar: Continuity: Scale:
 Min: Max: N Sections:
 Draw the land mask:

Redraw the Graph (Please be patient. It may take a while to get the data.)

Optional:
 Then set the File Type: .htmlTable and Download the Data or an Image
 or view the URL: [http://thredds.demac.udel.edu:8080/erddap/griddap/palmer1Day.htmlTable?chl_oc3{\(2015-01-07T23:59:59Z\)}](http://thredds.demac.udel.edu:8080/erddap/griddap/palmer1Day.htmlTable?chl_oc3{(2015-01-07T23:59:59Z)})
[Documentation](#) / [Bypass this form](#) ([File Type information](#))

Click on the map to specify a new center point. Ⓢ

Zoom: Data Out 8x Out 2x Out In In 2x In 8x

chl_oc3 (mg/m³)
 Modis Aqua Satellite Data
 (2015-01-07T23:59:59Z)
 Data courtesy of University of Delaware