

Real-time access to plot drifter data – Multiple drifters

To plot real-time data from drifting buoys, please visit the NOAA OSMC ERDDAP webpage at http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.graph. Here, you will see the list of possible variables. Examples include: date ranges, sst data, slp data, etc.

1. To begin, select the variable to be graphed.

ERDDAP
Easier access to scientific data

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ERDDAP > tabledap > Make A Graph

Dataset Title: [OSMC 30 day RT data](#) [RSS](#)
 Institution: OSMC (Dataset ID: OSMC_30day)
 Range: longitude = -180.0 to 180.0°E, latitude = -89.0 to 89.0°N
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Data Access Form](#)

Graph Type: markers
 X Axis: longitude
 Y Axis: latitude
 Color: time

Constraints

Optional Constraint #1	Optional Constraint #2
time >= 2018-05-04T00:00:00Z	time <= 2018-05-11T00:00:00Z

Server-side Functions

distinct
 orderBy

Graph Settings

Marker Type: Filled Square Size: 5
 Color:
 Color Bar: Continuity: Scale:
 Min: Max: N Sections:
 Draw the land mask:
 Y Axis Minimum: Maximum: ascending

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://osmc.noaa.gov/erddap/tabledap/OSMC_30day.htmlTable?longitude,latitude
[Documentation](#) / [Bypass this form](#) (File Type information)

Click on the map to specify a new center point.
 Zoom: Out 8x | Out 2x | Out | Data | In | In 2x | In 8x
 Time range: 7 day(s)

observation depth
 OSMC 30 day RT data
 Range = 2018-05-04T00:00:00Z, time <= 2018-05-11T00:00:00Z
 Data courtesy of OSMC

2. After choosing the variable to plot, select the date range of interest. If the buoy is still active, enter the initial date (ie., deployment date), then remove the date listed in “Operational Constraint #2”. If the buoy is no longer active, enter the initial date and final date in “Operational Constraint #1” and “Operational Constraint #2” respectively.

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Graph Type: markers
 X Axis: longitude
 Y Axis: latitude
 Color: time

Constraints

Optional Constraint #1	Optional Constraint #2
time >= 2018-07-01T00:00:00Z	

Server-side Functions

distinct
 orderBy

Graph Settings

Marker Type: Filled Square Size: 5
 Color:
 Color Bar: Continuity: Scale:
 Min: Max: N Sections:
 Draw the land mask:
 Y Axis Minimum: Maximum: ascending

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

Optional:
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[Documentation](#) / [Bypass this form](#) (File Type information)

Click on the map to specify a new center point.
 Zoom: Out 8x | Out 2x | Out | Data | In | In 2x | In 8x
 Time range: 7 day(s)

observation depth
 OSMC 30 day RT data
 Range = 2018-07-01T00:00:00Z, time <= 2018-05-11T00:00:00Z
 Data courtesy of OSMC

6. To preview the plot from the desired selections, click “Redraw the Graph”. After doing this, you will see the plot appear in the upper right corner of the page.

ERDDAP
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ERDDAP > tabledap > Make A Graph

Dataset Title: **OSMC 30 day RT data** [8,835](#)
 Institution: OSMC (Dataset ID: OSMC_30day)
 Range: longitude = -180.0 to 180.0°E, latitude = -89.0 to 89.0°N
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Data Access Form](#)

Graph Type: markers
 X Axis: longitude
 Y Axis: latitude
 Color: time

Constraints

Optional Constraint #1	Optional Constraint #2
time >= 2016-07-01T00:00:00Z	<=
platform_code != "460151714601514"	<=
	<=
	<=
	<=

Server-side Functions

distinct
 orderBy (*) platform_code time

Graph Settings

Marker Type: Filled Square Size: 8
 Color: Continuity: Scale:
 Min: Max: N Sections:
 Draw the land mask: Maximum: ascending
 Y Axis Minimum: Maximum:

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

Optional:
 Then set the File Type: .pdf and Download the Data or an Image
 or view the URL: http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.pdf?longitude,latitude,time
[Documentation](#) / [Bypass this form](#) | [File Type information](#)

Click on the map to specify a new center point.
 Zoom: Out 8x | Out 2x | Out | Data | In | In 2x | In 8x

Legend: observation data (UTC) OSMC 30 day RT data time=2016-07-01T00:00:00Z,platform_code="460151714601514" Data courtesy of OSMC

7. If the plot preview is as desired, choose the file format to view the plot, then either download the file, or generate a URL.

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ERDDAP > tabledap > Make A Graph

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Graph Type: markers
 X Axis: longitude
 Y Axis: latitude
 Color: time

Constraints

Optional Constraint #1	Optional Constraint #2
time >= 2016-07-01T00:00:00Z	<=
platform_code != "460151714601514"	<=
	<=
	<=
	<=

Server-side Functions

distinct
 orderBy (*) platform_code time

Graph Settings

Marker Type: Filled Square Size: 8
 Color: Continuity: Scale:
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 Draw the land mask: Maximum: ascending
 Y Axis Minimum: Maximum:

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 Then set the File Type: .pdf and **Download the Data or an Image**
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[Documentation](#) / [Bypass this form](#) | [File Type information](#)

Click on the map to specify a new center point.
 Zoom: Out 8x | Out 2x | Out | Data | In | In 2x | In 8x

Legend: observation data (UTC) OSMC 30 day RT data time=2016-07-01T00:00:00Z,platform_code="460151714601514" Data courtesy of OSMC

Options include: .png, transparent .png, .pdf, Google Earth (.kml), etc.

