

# Mobile Plot Options

For time series scalar mobile plots:

**Data Product Options**  
Quality Control: ☒ Clean Data ☐ Raw Data  
File / plot breaks: 

Daily ▾

  
Resample:  
(Type/Period) 

None ▾

## Quality Control: Clean Data

For time series scalar data, selecting this option will cause any data values with quality control failures ([QAQC flags 3 and 4](#)) to be replaced with NaNs. Because NaNs cannot be plotted, quality control failures will be excluded from any plots under the clean option. *This is the default option.*

[Oceans 3.0 API filter](#): `dpo_qualityControl=0`

## Quality Control: Raw Data

When this option is selected, raw data will be supplied in the data products: no action is taken to modify the data. In general, all scalar data is associated with a [quality control flag](#). For plots, data that fail quality control are marked on the plot with coloured data points and/or flag markers for emphasis.

[Oceans 3.0 API filter](#): `dpo_qualityControl=1`

## File / plot breaks: Daily

When this option is selected, the file or plot will break every daily at a prescribed times (not necessarily on midnight). The search will return with one plot per day of data. *This is the default option.*

[Oceans 3.0 API filter](#): `dpo_fileplotbreaks=1`

## File / plot breaks: None (files break on size limits only)

When this option is selected, the file or plot will not break unless it becomes too large. (Only available for Clean Data option).

[Oceans 3.0 API filter](#): `dpo_fileplotbreaks=0`

## Resample (Type/Period)

When the file breaking option is set to None and data quality is set to clean, this option is available so that users may generate long time series plots. 1-minute averaging will generate a good plot for one month of data (need at least 5 days of data to begin to fill the plot, at least 1 month for 5-minute averaging). The plots will break into multiple files if there's more than 36 days of data for 1-minute averaging, 180 days for 5-minute averaging (limited by matlab's ability to plot and render coloured markers).

[Oceans 3.0 API filter](#): `dpo_resample=none`

## File-name mode field

'clean' is added to the file-name when the quality option is set to clean data.