

Real-time access for drifting buoy data – Advanced instructions

To access real-time data from drifting buoys, please visit the NOAA GDP ERDDAP webpage at https://erddap.aoml.noaa.gov/gdp/erddap/tabledap/OSMC_RealTime.html. Here, you will see the list of possible variables. Examples include: date ranges, specific regions, sst data, slp data, etc.

** Please note, the real-time dataset linked above is hosted on the NOAA GDP ERDDAP as a remote dataset. To access the source dataset, please visit the NOAA OSMC ERDDAP at http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.html. **

1. To begin, select “Uncheck All.”

ERDDAP
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ERDDAP > tabledap > Data Access Form

Dataset Title: OSMC 30 day RT data
Institution: OSMC (Dataset ID: OSMC_30day)
Information: Summary | License | FGDC | ISO 19115 | Metadata | Background | Subset | Make a graph

Variable Check All Uncheck All

platform_code (WMO id or ship call sign)
 platform_type
 country
 time (observation date, UTC)
 latitude (degrees_north)
 longitude (degrees_east)
 observation_depth
 sst (sea surface temperature, Deg C)
 atmp (air temperature, Deg C)
 precip (precipitation, mm)
 ztmp (profile water temperature, Deg C)
 zsal (profile salinity)
 slp (sea level pressure, hPa)
 windsdpd (wind speed, m/s)
 winddir (wind from direction, Deg true)
 wvht (sea surface wave significant height, m)
 waterlevel (m)
 clouds (cloud cover, oktas)
 dewpoint (dew point temperature, Deg C)
 uo (eastward sea water velocity, m s-1)
 vo (northward sea water velocity, m s-1)
 wo (upward sea water velocity, m s-1)
 rainfall_rate (m s-1)
 hur (relative humidity)
 sea_water_elec_conductivity (S m-1)
 sea_water_pressure (dbar)
 rlds (surface downwelling longwave flux in air, W m-2)
 rsds (surface downwelling shortwave flux in air, W m-2)
 waterlevel_met_res (meteorological residual tidal elevation, m)
 waterlevel_wrt_lcd (tidal elevation WRT local chart datum, m)
 water_col_ht (water column height, m)
 wind_to_direction (degree)
 lon360 (longitude, degree_east)

Optional Constraint #1
Optional Constraint #2
Minimum or a List of Values
Maximum

2. Once all boxes are unchecked, within “platform type”, select “DRIFTING BUOYS {GENERIC}” from the pull-down tab on the far right.

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Variable Check All Uncheck All

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 sst (sea surface temperature, Deg C)
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 slp (sea level pressure, hPa)
 windsdpd (wind speed, m/s)
 winddir (wind from direction, Deg true)
 wvht (sea surface wave significant height, m)
 waterlevel (m)
 clouds (cloud cover, oktas)
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 water_col_ht (water column height, m)
 wind_to_direction (degree)
 lon360 (longitude, degree_east)

Optional Constraint #1
Optional Constraint #2
Minimum or a List of Values
Maximum

Server-side Functions
distinct
orderBy

“C-MAN WEATHER STATIONS”
“CLIMATE REFERENCE MOORED BUOYS”
 “DRIFTING BUOYS {GENERIC}”
“GLIDERS”
“GLIDERS”
“ICE BUOYS”
“MOORED BUOYS {GENERIC}”
“PROFILING FLOES AND GLIDERS {GENERIC}”
“RESEARCH”
“SHIPS”
“SHIPS {GENERIC}”
“SHORE AND BOTTOM STATIONS {GENERIC}”
“TIDE GAUGE STATIONS {GENERIC}”
“TROPICAL MOORED BUOYS”
“TSUNAMI WARNING STATIONS”
“UNMANNED”
“VOLUNTEER OBSERVING SHIPS”
“VOLUNTEER OBSERVING SHIPS {GENERIC}”
“YOSQSLM”
“WEATHER AND OCEAN OBS”
“WEATHER BUOYS”
“WEATHER OBS”

3. After selecting "DRIFTING BUOYS" within "platform_type", next select the desired variable(s). For example, if you are interested in specific drifters, select "platform_code", then enter each WMO number within "platform_code" "Optional Constraint #1", ensuring that each ID is within double quotes ("...") and the operator for this constraint is set to "=~". The operator selection is found to the left of the Optional Constraint field. If you are interested in multiple WMO numbers, ensure they are separated by the pipe or bar symbol (|) and within double quotes ("...").

For example, a single drifter should appear as: =~ "5301670", while the suitable option for multiple drifters is: =~ "6801859|1801734|5301670".

****Please Note: There are no spaces between the WMO # and pipe or bar symbol (|).****

The screenshot shows the ERDDAP Data Access Form for the dataset "OSMC 30 day RT data". The "platform_type" is set to "DRIFTING BUOYS (GENERIC)". The "Optional Constraint #1" field contains "=~ \"32899|4601615|\"". The "Optional Constraint #2" field is empty. The "Minimum" field is set to "-89.0" and the "Maximum" field is set to "89.0". The "Variable" list includes "platform_code", "platform_type", "country", "time", "latitude", "longitude", "observation_depth", "sst", "atmp", "precip", "ztmp", "zsal", "slp", "windspeed", "winddir", "wvht", "waterlevel", "clouds", "dewpoint", "uo", "vo", "wo", "rainfall_rate", "hur", "sea_water_elec_conductivity", "sea_water_pressure", "rlds", "rstds", "waterlevel_met_res", "waterlevel_wrt_loc", "water_col_ht", "wind_to_direction", and "lon360".

If you have multiple drifters and the WMO #'s are in sequential order, enter the first WMO # in "Optional Constraint #1" and the final WMO # in "Optional Constraint #2". For example, if the desired sequence of WMO #'s includes 1301742, 1301743, 1301744, and 1301745, simply enter >= "1301742" in "Optional Constraint #1" and <= "1301745" in "Optional Constraint #2".

ERDDAP > [tabledap](#) > Data Access Form

Dataset Title: [OSMC 30 day RT data](#) [3333](#)
 Institution: OSMC (Dataset ID: OSMC_30day)
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input type="checkbox"/> platform_code (WMO id or Ship call sign)	>> <input type="text" value="'4101552'"/>	<< <input type="text" value="'4101555'"/>		
<input type="checkbox"/> platform_type	= <input type="text" value="'DRIFTING BUOYS (GENER'"/>	<< <input type="text"/>	<input type="text" value="'DRIFTING BUOYS (GENERIC)'"/>	
<input type="checkbox"/> country	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> time (observation date, UTC)	>> <input type="text" value="2017-09-12T00:00:00Z"/>	<< <input type="text"/>		
<input type="checkbox"/> latitude (degrees_north)	>> <input type="text"/>	<< <input type="text"/>	-89.0	89.0
<input type="checkbox"/> longitude (degrees_east)	>> <input type="text"/>	<< <input type="text"/>	-180.0	180.0
<input type="checkbox"/> observation_depth	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> sst (sea surface temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> atmp (air temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> precip (precipitation, mm)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> ztmp (profile water temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> zsal (profile salinity)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> slp (sea level pressure, hPa)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> windsdpd (wind speed, m/s)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> winddir (wind from direction, Deg true)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> wht (sea surface wave significant height, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> waterlevel (m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> clouds (cloud cover, oktas)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> dewpoint (dew point temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> uo (eastward sea water velocity, m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> vo (northward sea water velocity, m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> wo (upward sea water velocity, m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> rainfall_rate (m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> hur (relative humidity)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> sea_water_elec_conductivity (S m-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> sea_water_pressure (dbar)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> rlds (surface downwelling longwave flux in air, W m-2)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> rsds (surface downwelling shortwave flux in air, W m-2)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> waterlevel_met_res (meteorological residual tidal elevation, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> waterlevel_wrt_lod (tidal elevation WRT local chart datum, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> water_col_ht (water column height, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> wind_to_direction (degree)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> lon360 (longitude, degree_east)	>> <input type="text"/>	<< <input type="text"/>		

4. Next, select additional variables from the list, including time, latitude, longitude, SST, and SLP.

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Dataset Title: [OSMC 30 day RT data](#) [3333](#)
 Institution: OSMC (Dataset ID: OSMC_30day)
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input type="checkbox"/> platform_code (WMO id or Ship call sign)	>> <input type="text" value="'4101552'"/>	<< <input type="text" value="'4101555'"/>		
<input type="checkbox"/> platform_type	= <input type="text" value="'DRIFTING BUOYS (GENER'"/>	<< <input type="text"/>	<input type="text" value="'DRIFTING BUOYS (GENERIC)'"/>	
<input type="checkbox"/> country	>> <input type="text"/>	<< <input type="text"/>		
<input checked="" type="checkbox"/> time (observation date, UTC) ★	>> <input type="text" value="2017-08-17T00:00:00Z"/>	<< <input type="text"/>		
<input checked="" type="checkbox"/> latitude (degrees_north) ★	>> <input type="text"/>	<< <input type="text"/>	-89.0	89.0
<input checked="" type="checkbox"/> longitude (degrees_east) ★	>> <input type="text"/>	<< <input type="text"/>	-180.0	180.0
<input type="checkbox"/> observation_depth	>> <input type="text"/>	<< <input type="text"/>		
<input checked="" type="checkbox"/> sst (sea surface temperature, Deg C) ★	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> atmp (air temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> precip (precipitation, mm)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> ztmp (profile water temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> zsal (profile salinity)	>> <input type="text"/>	<< <input type="text"/>		
<input checked="" type="checkbox"/> slp (sea level pressure, hPa) ★	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> windsdpd (wind speed, m/s)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> winddir (wind from direction, Deg true)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> wht (sea surface wave significant height, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> waterlevel (m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> clouds (cloud cover, oktas)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> dewpoint (dew point temperature, Deg C)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> uo (eastward sea water velocity, m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> vo (northward sea water velocity, m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> wo (upward sea water velocity, m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> rainfall_rate (m s-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> hur (relative humidity)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> sea_water_elec_conductivity (S m-1)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> sea_water_pressure (dbar)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> rlds (surface downwelling longwave flux in air, W m-2)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> rsds (surface downwelling shortwave flux in air, W m-2)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> waterlevel_met_res (meteorological residual tidal elevation, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> waterlevel_wrt_lod (tidal elevation WRT local chart datum, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> water_col_ht (water column height, m)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> wind_to_direction (degree)	>> <input type="text"/>	<< <input type="text"/>		
<input type="checkbox"/> lon360 (longitude, degree_east)	>> <input type="text"/>	<< <input type="text"/>		

Select desired variables.

**Please note: If you desire specific coordinates, and/or a time parameter, you must enter these values in the "Optional Constraint" boxes to right of each field. **

Dataset Title: [OSMC 30 day RT data](#) [OSMC](#)
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 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input type="checkbox"/> platform_code (WMO id or Ship call sign)	>= 0	<= 0		
<input checked="" type="checkbox"/> platform_type	= "DRIFTING BUOYS (GENER	<= 0	"DRIFTING BUOYS (GENERIC)"	
<input type="checkbox"/> country	>= 0	<= 0		
<input checked="" type="checkbox"/> time (observation date, UTC)	>= 2017-08-01	<= 2017-08-24		
<input checked="" type="checkbox"/> latitude (degrees_north)	>= -60	<= 75	-89.0	89.0
<input checked="" type="checkbox"/> longitude (degrees_east)	>= -180	<= 180	-180.0	180.0
<input type="checkbox"/> observation_depth	>= 0	<= 0		
<input checked="" type="checkbox"/> sst (sea surface temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> atmp (air temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> precip (precipitation, mm)	>= 0	<= 0		
<input type="checkbox"/> ztmp (profile water temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> zsal (profile salinity)	>= 0	<= 0		
<input checked="" type="checkbox"/> slp (sea level pressure, hPa)	>= 0	<= 0		
<input type="checkbox"/> windspd (wind speed, m/s)	>= 0	<= 0		
<input type="checkbox"/> winddir (wind from direction, Deg true)	>= 0	<= 0		
<input type="checkbox"/> wvht (sea surface wave significant height, m)	>= 0	<= 0		
<input type="checkbox"/> waterlevel (m)	>= 0	<= 0		
<input type="checkbox"/> clouds (cloud cover, oktas)	>= 0	<= 0		
<input type="checkbox"/> dewpoint (dew point temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> uo (eastward sea water velocity, m s-1)	>= 0	<= 0		
<input type="checkbox"/> vo (northward sea water velocity, m s-1)	>= 0	<= 0		
<input type="checkbox"/> wo (upward sea water velocity, m s-1)	>= 0	<= 0		
<input type="checkbox"/> rainfall_rate (m s-1)	>= 0	<= 0		
<input type="checkbox"/> hur (relative humidity)	>= 0	<= 0		
<input type="checkbox"/> sea_water_elec_conductivity (S m-1)	>= 0	<= 0		
<input type="checkbox"/> sea_water_pressure (dbar)	>= 0	<= 0		
<input type="checkbox"/> rlds (surface downwelling longwave flux in air, W m-2)	>= 0	<= 0		
<input type="checkbox"/> rsds (surface downwelling shortwave flux in air, W m-2)	>= 0	<= 0		
<input type="checkbox"/> waterlevel_met_res (meteorological residual tidal elevation, m)	>= 0	<= 0		
<input type="checkbox"/> waterlevel_wrt_lcd (tidal elevation WRT local chart datum, m)	>= 0	<= 0		
<input type="checkbox"/> water_col_ht (water column height, m)	>= 0	<= 0		
<input type="checkbox"/> wind_to_direction (degree)	>= 0	<= 0		
<input type="checkbox"/> lon360 (longitude, degree_east)	>= 0	<= 0		
<input type="checkbox"/> wind_to_direction (degree)	>= 0	<= 0		
<input type="checkbox"/> lon360 (longitude, degree_east)	>= 0	<= 0		

Coordinate and Time Specifications

5. OPTIONAL: Once all desired variables have been chosen, for best output results, under “Server-side Functions”, order variables by “platform_code” and “time”. By doing so, the output will be displayed by WMO number and time (chronologically).

WARNING: Using the “orderBy” feature on large ERDDAP requests may trigger a HTTP 413 “outOfMemoryError” response when you complete step 7. If this error appears, we suggest that you divide your original data request into multiple smaller requests, or resubmit your original request without the “orderBy” feature.

ERDDAP > tabledap > Data Access Form

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Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input type="checkbox"/> platform_code (WMO id or Ship call sign)	>= 0	<= 0		
<input checked="" type="checkbox"/> platform_type	= "DRIFTING BUOYS (GENER	<= 0	"DRIFTING BUOYS (GENERIC)"	
<input type="checkbox"/> country	>= 0	<= 0		
<input checked="" type="checkbox"/> time (observation date, UTC)	>= 20	<= 30		
<input checked="" type="checkbox"/> latitude (degrees_north)	>= -60	<= 75	-89.0	89.0
<input checked="" type="checkbox"/> longitude (degrees_east)	>= -180	<= 180	-180.0	180.0
<input type="checkbox"/> observation_depth	>= 0	<= 0		
<input checked="" type="checkbox"/> sst (sea surface temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> atmp (air temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> precip (precipitation, mm)	>= 0	<= 0		
<input type="checkbox"/> ztmp (profile water temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> zsal (profile salinity)	>= 0	<= 0		
<input checked="" type="checkbox"/> slp (sea level pressure, hPa)	>= 0	<= 0		
<input type="checkbox"/> windspd (wind speed, m/s)	>= 0	<= 0		
<input type="checkbox"/> winddir (wind from direction, Deg true)	>= 0	<= 0		
<input type="checkbox"/> wvht (sea surface wave significant height, m)	>= 0	<= 0		
<input type="checkbox"/> waterlevel (m)	>= 0	<= 0		
<input type="checkbox"/> clouds (cloud cover, oktas)	>= 0	<= 0		
<input type="checkbox"/> dewpoint (dew point temperature, Deg C)	>= 0	<= 0		
<input type="checkbox"/> uo (eastward sea water velocity, m s-1)	>= 0	<= 0		
<input type="checkbox"/> vo (northward sea water velocity, m s-1)	>= 0	<= 0		
<input type="checkbox"/> wo (upward sea water velocity, m s-1)	>= 0	<= 0		
<input type="checkbox"/> rainfall_rate (m s-1)	>= 0	<= 0		
<input type="checkbox"/> hur (relative humidity)	>= 0	<= 0		
<input type="checkbox"/> sea_water_elec_conductivity (S m-1)	>= 0	<= 0		
<input type="checkbox"/> sea_water_pressure (dbar)	>= 0	<= 0		
<input type="checkbox"/> rlds (surface downwelling longwave flux in air, W m-2)	>= 0	<= 0		
<input type="checkbox"/> rsds (surface downwelling shortwave flux in air, W m-2)	>= 0	<= 0		
<input type="checkbox"/> waterlevel_met_res (meteorological residual tidal elevation, m)	>= 0	<= 0		
<input type="checkbox"/> waterlevel_wrt_lcd (tidal elevation WRT local chart datum, m)	>= 0	<= 0		
<input type="checkbox"/> water_col_ht (water column height, m)	>= 0	<= 0		
<input type="checkbox"/> wind_to_direction (degree)	>= 0	<= 0		
<input type="checkbox"/> lon360 (longitude, degree_east)	>= 0	<= 0		

Server-side Functions

distinct()

orderBy: platform_code time

File type: [htmlTable](#) - View a .html web page with the data in a table. Times are ISO 8601 strings. [more info](#)
 Just generate the URL: http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.htmlTable?platform_type%2Ctime%2C [Documentation](#) / [Bypass this form](#)

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

6. To select the desired output format, select from the options within “File type”.

ERDDAP > tabledap > Data Access Form

Dataset Title: **OSMC 30 day RT data** [RSS](#)
Institution: OSMC (Dataset ID: OSMC_30day)
Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Check All Uncheck All

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input type="checkbox"/> platform_code (WMO id or Ship call sign)	>= <	<= <		
<input checked="" type="checkbox"/> platform_type	= < "DRIFTING BUOYS (GENER	<= <	"DRIFTING BUOYS (GENERIC"	
<input type="checkbox"/> country	>= <	<= <		
<input checked="" type="checkbox"/> time (observation date, UTC)	>= < 20	<= < 30	-89.0	89.0
<input checked="" type="checkbox"/> latitude (degrees_north)	>= < -70	<= < -60	-180.0	180.0
<input checked="" type="checkbox"/> longitude (degrees_east)	>= <	<= <		
<input type="checkbox"/> observation_depth	>= <	<= <		
<input checked="" type="checkbox"/> sst (sea surface temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> atmp (air temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> precip (precipitation, mm)	>= <	<= <		
<input type="checkbox"/> ztmp (profile water temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> zsal (profile salinity)	>= <	<= <		
<input checked="" type="checkbox"/> slp (sea level pressure, hPa)	>= <	<= <		
<input type="checkbox"/> windsdpd (wind speed, m/s)	>= <	<= <		
<input type="checkbox"/> winddir (wind from direction, Deg true)	>= <	<= <		
<input type="checkbox"/> wvht (sea surface wave significant height, m)	>= <	<= <		
<input type="checkbox"/> waterlevel (m)	>= <	<= <		
<input type="checkbox"/> clouds (cloud cover, oktas)	>= <	<= <		
<input type="checkbox"/> dewpoint (dew point temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> uo (eastward sea water velocity, m s-1)	>= <	<= <		
<input type="checkbox"/> vo (northward sea water velocity, m s-1)	>= <	<= <		
<input type="checkbox"/> wo (upward sea water velocity, m s-1)	>= <	<= <		
<input type="checkbox"/> rainfall_rate (m s-1)	>= <	<= <		
<input type="checkbox"/> hur (relative humidity)	>= <	<= <		
<input type="checkbox"/> sea_water_elec_conductivity (S m-1)	>= <	<= <		
<input type="checkbox"/> sea_water_pressure (dbar)	>= <	<= <		
<input type="checkbox"/> rlds (surface downwelling longwave flux in air, W m-2)	>= <	<= <		
<input type="checkbox"/> rlds (surface downwelling shortwave flux in air, W m-2)	>= <	<= <		
<input type="checkbox"/> waterlevel_met_res (meteorological residual tidal elevation, m)	>= <	<= <		
<input type="checkbox"/> waterlevel_wrt_lcd (tidal elevation WRT local chart datum, m)	>= <	<= <		
<input type="checkbox"/> water_col_ht (water column height, m)	>= <	<= <		
<input type="checkbox"/> wind_to_direction (degree)	>= <	<= <		
<input type="checkbox"/> lon360 (longitude, degree_east)	>= <	<= <		

Server-side Functions

distinct()

orderBy:

File type: [GeoJSON](#) - Download longitude,latitude,otherColumns data as a GeoJSON .json file. [more info](#)
[Just generate the URL:](#) http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.html?table=platform_type%2Ctime%2Clat [Documentation / Bypass this form](#)

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

Options include: comma separated (.csv), MATLAB (.mat), PDF (.pdf), ASCII (.asc), HTML (.html), etc.

7. Once you have entered the desired information and chosen the output file type, click “Submit” to receive the data, or you can generate a URL that saves the specified variables. The URL can be used to reference the dataset parameters at a later date, and/or can be shared with colleagues.

ERDDAP > tabledap > Data Access Form

Dataset Title: **OSMC 30 day RT data** [RSS](#)
Institution: OSMC (Dataset ID: OSMC_30day)
Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Check All Uncheck All

Variable	Optional Constraint #1	Optional Constraint #2	Minimum or a List of Values	Maximum
<input type="checkbox"/> platform_code (WMO id or Ship call sign)	>= < "3200699 14601615 1220	<= <		
<input checked="" type="checkbox"/> platform_type	= < "DRIFTING BUOYS (GENER	<= <	"DRIFTING BUOYS (GENERIC"	
<input type="checkbox"/> country	>= <	<= <		
<input checked="" type="checkbox"/> time (observation date, UTC)	>= < 2017-08-01	<= < 2017-08-24	-89.0	89.0
<input checked="" type="checkbox"/> latitude (degrees_north)	>= < -60	<= < 75	-180.0	180.0
<input checked="" type="checkbox"/> longitude (degrees_east)	>= < -180	<= < 180	-180.0	180.0
<input type="checkbox"/> observation_depth	>= <	<= <		
<input checked="" type="checkbox"/> sst (sea surface temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> atmp (air temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> precip (precipitation, mm)	>= <	<= <		
<input type="checkbox"/> ztmp (profile water temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> zsal (profile salinity)	>= <	<= <		
<input type="checkbox"/> slp (sea level pressure, hPa)	>= <	<= <		
<input type="checkbox"/> windsdpd (wind speed, m/s)	>= <	<= <		
<input type="checkbox"/> winddir (wind from direction, Deg true)	>= <	<= <		
<input type="checkbox"/> wvht (sea surface wave significant height, m)	>= <	<= <		
<input type="checkbox"/> waterlevel (m)	>= <	<= <		
<input type="checkbox"/> clouds (cloud cover, oktas)	>= <	<= <		
<input type="checkbox"/> dewpoint (dew point temperature, Deg C)	>= <	<= <		
<input type="checkbox"/> uo (eastward sea water velocity, m s-1)	>= <	<= <		
<input type="checkbox"/> vo (northward sea water velocity, m s-1)	>= <	<= <		
<input type="checkbox"/> wo (upward sea water velocity, m s-1)	>= <	<= <		
<input type="checkbox"/> rainfall_rate (m s-1)	>= <	<= <		
<input type="checkbox"/> hur (relative humidity)	>= <	<= <		
<input type="checkbox"/> sea_water_elec_conductivity (S m-1)	>= <	<= <		
<input type="checkbox"/> sea_water_pressure (dbar)	>= <	<= <		
<input type="checkbox"/> rlds (surface downwelling longwave flux in air, W m-2)	>= <	<= <		
<input type="checkbox"/> rlds (surface downwelling shortwave flux in air, W m-2)	>= <	<= <		
<input type="checkbox"/> waterlevel_met_res (meteorological residual tidal elevation, m)	>= <	<= <		
<input type="checkbox"/> waterlevel_wrt_lcd (tidal elevation WRT local chart datum, m)	>= <	<= <		
<input type="checkbox"/> water_col_ht (water column height, m)	>= <	<= <		
<input type="checkbox"/> wind_to_direction (degree)	>= <	<= <		
<input type="checkbox"/> lon360 (longitude, degree_east)	>= <	<= <		

Server-side Functions

distinct()

orderBy:

File type: [HTML](#) - View as ERDDAP-style HTML Data Access Form. [more info](#)
[Just generate the URL:](#) http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.html?table=platform_type%2Ctime%2Clat [Documentation / Bypass this form](#)

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