

Access quality controlled interpolated drifting buoy data

To access additional download options for quality controlled interpolated drifting buoy data, please visit the NOAA OSMC ERDDAP webpage at

http://osmc.noaa.gov/erddap/tabledap/gdp_interpolated_drifter.html. Here, you will find a list of possible variables. Examples include: deployment date, deployment latitude, deployment longitude, end date, end latitude, end longitude, drogue loss, death type, specific regions, sst data, etc.

1. To begin, determine if you wish to obtain interpolated drifter data for a specific drifter ID(s), complete data from a desired deployment location, data for all drifters that enter an area of interest, data from an isolated time period, or some combination of available variables.

2. Clear the preset Optional Constraint time(UTC) values.

The screenshot shows the ERDDAP Data Access Form with the following details:

- Dataset Title: GDP Interpolated drifter data (Drifting Buoy Collection)
- Information: Summary | License | ESGC | ISO 19115 | Metadata | Background | Submit | Make a graph
- Optional Constraint #1: (dropdown menu)
- Optional Constraint #2: (dropdown menu)
- Minimum of or a List of Values: (dropdown menu)
- Maximum: (dropdown menu)
- Variables list includes: ID (AOML Buoy ID), WMO (World Meteorological Center buoy identification number), expno (Experiment number, count), longitude (degrees, east), latitude (degrees, north), time (UTC), temp (Temperature, degree_Celsius), deploy_date (Deployment date and time, UTC), lat (Deployment latitude, degrees, north), lon (Deployment longitude, degrees, east), end_date (End date and time, UTC), end_lat (End latitude, degrees, north), end_lon (End longitude, degrees, east), lat_date (Date and time last, UTC), ltyedeath (Type of death), ltyp buoy (Buoy type (SVP-standard Surface)), lon360 (Longitude, degrees, east), ve (Eastward velocity, cm/s), vn (Northward velocity, cm/s), speed (cm/s), varlat (Variance latitude), varlon (Variance longitude), and varT (Variance temperature).
- Server-side Functions: (dropdown menu)
- File type: (dropdown menu)
- Sort by: (dropdown menu)
- Submit: (Please be patient, it may take a while to get the data.)

The screenshot shows the ERDDAP Data Access Form with the following details:

- Dataset Title: GDP Interpolated drifter data (Drifting Buoy Collection)
- Information: Summary | License | ESGC | ISO 19115 | Metadata | Background | Submit | Make a graph
- Optional Constraint #1: (dropdown menu)
- Optional Constraint #2: (dropdown menu)
- Minimum of or a List of Values: (dropdown menu)
- Maximum: (dropdown menu)
- Variables list includes: ID (AOML Buoy ID), WMO (World Meteorological Center buoy identification number), expno (Experiment number, count), longitude (degrees, east), latitude (degrees, north), time (UTC), temp (Temperature, degree_Celsius), deploy_date (Deployment date and time, UTC), lat (Deployment latitude, degrees, north), lon (Deployment longitude, degrees, east), end_date (End date and time, UTC), end_lat (End latitude, degrees, north), end_lon (End longitude, degrees, east), lat_date (Date and time last, UTC), ltyedeath (Type of death), ltyp buoy (Buoy type (SVP-standard Surface)), lon360 (Longitude, degrees, east), ve (Eastward velocity, cm/s), vn (Northward velocity, cm/s), speed (cm/s), varlat (Variance latitude), varlon (Variance longitude), and varT (Variance temperature).
- Server-side Functions: (dropdown menu)
- File type: (dropdown menu)
- Sort by: (dropdown menu)
- Submit: (Please be patient, it may take a while to get the data.)

3a. If you wish to obtain interpolated drifter data by ID number, either enter the AOML Drifter ID, or the WMO number, in the respective Operational Constraint field.

Each entry should contain double quotes (“...”) and the operator for this constraint should be set to “≈~”. The operator selection is found to the left of the Optional Constraint field. If you are interested in data from multiple drifters, ensure the identification numbers are separated by the pipe, or bar, symbol (|) and within double quotes (“”...”).

For example, a single drifter should appear as: ≈~”63941310” or ≈~”4101564”, depending if you reference the AOML ID, or the WMO number. For multiple drifters, the entry should appear as: ≈~”63941310|63940950” or ≈~”4101564|4101562”.

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

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Dataset Title: **GDP Interpolated drifter data (Drifting Buoy Collection)** [View](#) [Help](#)
 Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable Check All Uncheck All

ID (AOML Buoy ID)

WMO (World Meteorological Center buoy identification number)

expno (Experiment number, count)

longitude (degrees_east)

latitude (degrees_north)

time (UTC)

temp (Temperature, degree_Celsius)

deploy_date (Deployment date and time, UTC)

dlat (Deployment latitude, degrees_north)

dlon (Deployment longitude, degrees_east)

end_date (End date and time, UTC)

elat (End latitude, degrees_north)

elon (End longitude, degrees_east)

lost_date (date and time lost, UTC)

typedeath (Type of death)

typebuoy (Buoy type (SVP=standard Surface))

lon360 (Longitude, degrees_east)

ve (Eastward velocity, cm/s)

vn (Northward velocity, cm/s)

speed (cm/s)

varlat (Variance latitude)

varlon (Variance longitude)

vart (Variance temperature)

Optional Constraint #1

Optional Constraint #2

Minimum	Maximum
0.0	360.0
-78.305	89.899
1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
-16.85	45.95
1979-02-13T00:00:00Z	2018-02-25T07:57:50Z
-77.81	88.16
0.0	359.99
1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
-77.36	89.54
0.01	359.98
1978-12-31T00:00:00Z	2018-02-19T00:00:00Z
0.0	360.0
-291.622	291.285
-257.89	278.322
0.0	295.215
2.9E-7	2.4465
-0.039416	4.2764
9.1034E-4	27.406

Server-side Functions distinct() orderBy

File type: - View a .html web page with the data in a table. Times are ISO 8601 strings. [more info](#)
 Just generate the URL: [Documentation / Bypass this form](#)

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

or

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Dataset Title: **GDP Interpolated drifter data (Drifting Buoy Collection)** [View](#) [Help](#)
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 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable Check All Uncheck All

ID (AOML Buoy ID)

WMO (World Meteorological Center buoy identification number)

expno (Experiment number, count)

longitude (degrees_east)

latitude (degrees_north)

time (UTC)

temp (Temperature, degree_Celsius)

deploy_date (Deployment date and time, UTC)

dlat (Deployment latitude, degrees_north)

dlon (Deployment longitude, degrees_east)

end_date (End date and time, UTC)

elat (End latitude, degrees_north)

elon (End longitude, degrees_east)

lost_date (date and time lost, UTC)

typedeath (Type of death)

typebuoy (Buoy type (SVP=standard Surface))

lon360 (Longitude, degrees_east)

ve (Eastward velocity, cm/s)

vn (Northward velocity, cm/s)

speed (cm/s)

varlat (Variance latitude)

varlon (Variance longitude)

vart (Variance temperature)

Optional Constraint #1

Optional Constraint #2

Minimum	Maximum
0.0	360.0
-78.305	89.899
1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
-16.85	45.95
1979-02-13T00:00:00Z	2018-02-25T07:57:50Z
-77.81	88.16
0.0	359.99
1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
-77.36	89.54
0.01	359.98
1978-12-31T00:00:00Z	2018-02-19T00:00:00Z
0.0	360.0
-291.622	291.285
-257.89	278.322
0.0	295.215
2.9E-7	2.4465
-0.039416	4.2764
9.1034E-4	27.406

Server-side Functions distinct() orderBy

File type: - View a .html web page with the data in a table. Times are ISO 8601 strings. [more info](#)
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Submit (Please be patient. It may take a while to get the data.)

3b. If you wish to obtain interpolated drifter data for all deployments at a given location, enter the coordinates of the desired deployment area into the dlat and dlon Operational Constraint fields.

For example, to obtain data for all buoys deployed between 25N and 26N, and between 079W and 080W, you would enter the following: dlat ">=" 25 "<=" 26 and dlon ">=" 280 "<=" 281.

****Please Note: Longitudinal values range between 0 and 360. Therefore, you must subtract western longitude values from 360 to obtain the correctly formatted value. ****

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Dataset Title: **GDP interpolated drifter data (Drifting Buoy Collection)** [333](#)
 Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable Check All Uncheck All

ID (AOML Buoy ID)

WMO (World Meteorological Center buoy identification number)

expro (Experiment number, count)

longitude (degrees_east)

latitude (degrees_north)

time (UTC)

temp (Temperature, degree_Celsius)

deploy_date (Deployment date and time, UTC)

dlat (Deployment latitude, degrees_north)

dlon (Deployment longitude, degrees_east)

end_date (End date and time, UTC)

elat (End latitude, degrees_north)

elon (End longitude, degrees_east)

lost_date (date and time lost, UTC)

typedeath (Type of death)

typebuoy (Buoy type (SVP=standard Surface))

lon360 (Longitude, degrees_east)

ve (Eastward velocity, cm/s)

vn (Northward velocity, cm/s)

speed (cm/s)

varlat (Variance latitude)

varlon (Variance longitude)

vart (Variance temperature)

Optional Constraint #1

Optional Constraint #2

Minimum or a List of Values

Maximum

Server-side Functions distinct() orderBy

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: [Documentation / Bypass this form](#)

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

3c. If you wish to obtain interpolated drifter data for all drifters that have entered a given area, enter coordinates for the desired area into the longitude and latitude Operational Constraint fields.

For example, to obtain data for all buoys that have passed between 36S and 42S, and between 019E and 025E, you would enter the following: longitude ">=" 19 "<=" 25 and latitude ">=" -42 "<=" -36.

Please Note: Longitudinal values range between 0 and 360. Therefore, you must subtract western longitude values from 360 to obtain the correctly formatted value.

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Dataset Title: **GDP interpolated drifter data (Drifting Buoy Collection)** [333](#)
 Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)
 Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make a graph](#)

Variable Check All Uncheck All

ID (AOML Buoy ID)

WMO (World Meteorological Center buoy identification number)

expro (Experiment number, count)

longitude (degrees_east)

latitude (degrees_north)

time (UTC)

temp (Temperature, degree_Celsius)

deploy_date (Deployment date and time, UTC)

dlat (Deployment latitude, degrees_north)

dlon (Deployment longitude, degrees_east)

end_date (End date and time, UTC)

elat (End latitude, degrees_north)

elon (End longitude, degrees_east)

lost_date (date and time lost, UTC)

typedeath (Type of death)

typebuoy (Buoy type (SVP=standard Surface))

lon360 (Longitude, degrees_east)

ve (Eastward velocity, cm/s)

vn (Northward velocity, cm/s)

speed (cm/s)

varlat (Variance latitude)

varlon (Variance longitude)

vart (Variance temperature)

Optional Constraint #1

Optional Constraint #2

Minimum or a List of Values

Maximum

Server-side Functions distinct() orderBy

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: [Documentation / Bypass this form](#)

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

3d. If you wish to obtain interpolated drifter data for all drifters within a particular time period, enter the desired beginning and end dates into the time (UTC) Operational Constraint fields.

For example, to obtain data for all buoys transmitting data between 1 January, 2010 and 14 February, 2016, you would enter the following: time (UTC) ">=" 2010-01-01 "<=" 2016-02-14.

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Dataset Title: **GDP interpolated drifter data (Drifting Buoy Collection)** [↗](#) [↘](#) [↻](#)

Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)

Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make's graph](#)

Variable Check All Uncheck All

Variable	Optional Constraint #1	Optional Constraint #2	Minimum	Maximum
<input checked="" type="checkbox"/> ID (AOML Buoy ID)	>> <<	<< >>		
<input checked="" type="checkbox"/> WMO (World Meteorological Center buoy identification number)	>> <<	<< >>		
<input checked="" type="checkbox"/> expno (Experiment number, count)	>> <<	<< >>		
<input checked="" type="checkbox"/> longitude (degrees_east)	>> <<	<< >>	0.0	360.0
<input checked="" type="checkbox"/> latitude (degrees_north)	>> <<	<< >>	-78.305	89.899
<input checked="" type="checkbox"/> time (UTC)	>> 2010-01-01	<< 2016-02-14	1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
<input checked="" type="checkbox"/> temp (Temperature, degree_Celsius)	>> <<	<< >>	-16.85	45.95
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	>> <<	<< >>	1979-02-13T00:00:00Z	2018-02-25T07:57:50Z
<input checked="" type="checkbox"/> dlat (Deployment latitude, degrees_north)	>> <<	<< >>	-77.81	88.16
<input checked="" type="checkbox"/> dlon (Deployment longitude, degrees_east)	>> <<	<< >>	0.0	359.99
<input checked="" type="checkbox"/> end_date (End date and time, UTC)	>> <<	<< >>	1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
<input checked="" type="checkbox"/> elat (End latitude, degrees_north)	>> <<	<< >>	-77.36	99.54
<input checked="" type="checkbox"/> elon (End longitude, degrees_east)	>> <<	<< >>	0.01	359.98
<input checked="" type="checkbox"/> lost_date (date and time lost, UTC)	>> <<	<< >>	1978-12-31T00:00:00Z	2018-02-19T00:00:00Z
<input checked="" type="checkbox"/> typedeath (Type of death)	>> <<	<< >>		
<input checked="" type="checkbox"/> typebuoy (Buoy type (SVP=standard Surface))	>> <<	<< >>		
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	>> <<	<< >>	0.0	360.0
<input checked="" type="checkbox"/> ve (Eastward velocity, cm/s)	>> <<	<< >>	-291.622	291.285
<input checked="" type="checkbox"/> vn (Northward velocity, cm/s)	>> <<	<< >>	-257.69	278.322
<input checked="" type="checkbox"/> speed (cm/s)	>> <<	<< >>	0.0	295.215
<input checked="" type="checkbox"/> varlat (Variance latitude)	>> <<	<< >>	2.9E-7	2.4465
<input checked="" type="checkbox"/> varlon (Variance longitude)	>> <<	<< >>	-0.039416	4.2764
<input checked="" type="checkbox"/> vart (Variance temperature)	>> <<	<< >>	9.1034E-4	27.406

Server-side Functions

distinct()

orderBy: (↑ ↓)

File type: - View a .html web page with the data in a table. Times are ISO 8601 strings. [more info](#)

Just generate the URL: [Documentation / Bypass this form](#)

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

3e. If you wish to combine variables and obtain interpolated drifter data for all drifters within a particular time period that were deployed at a precise location, enter the desired beginning and end dates into the time (UTC) Operational Constraint fields, along with the desired deployment area into the dlat and dlon Operational Constraint fields.

For example, to obtain data for all buoys deployed between 25N and 26N, and between 079W and 080W, between 1 January, 2010 and 14 February, 2016, you would enter the following: dlat ">=" 25 "<=" 26 and dlon ">=" 280 "<=" 281 AND time (UTC) ">=" 2010-01-01 "<=" 2016-02-14.

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Dataset Title: **GDP interpolated drifter data (Drifting Buoy Collection)** [↗](#) [↘](#) [↻](#)

Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)

Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Subset](#) | [Make's graph](#)

Variable Check All Uncheck All

Variable	Optional Constraint #1	Optional Constraint #2	Minimum	Maximum
<input checked="" type="checkbox"/> ID (AOML Buoy ID)	>> <<	<< >>		
<input checked="" type="checkbox"/> WMO (World Meteorological Center buoy identification number)	>> <<	<< >>		
<input checked="" type="checkbox"/> expno (Experiment number, count)	>> <<	<< >>		
<input checked="" type="checkbox"/> longitude (degrees_east)	>> <<	<< >>	0.0	360.0
<input checked="" type="checkbox"/> latitude (degrees_north)	>> <<	<< >>	-78.305	89.899
<input checked="" type="checkbox"/> time (UTC)	>> 2010-01-01	<< 2016-02-14	1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
<input checked="" type="checkbox"/> temp (Temperature, degree_Celsius)	>> <<	<< >>	-16.85	45.95
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)	>> <<	<< >>	1979-02-13T00:00:00Z	2018-02-25T07:57:50Z
<input checked="" type="checkbox"/> dlat (Deployment latitude, degrees_north)	>> 25	<< 26	-77.81	88.16
<input checked="" type="checkbox"/> dlon (Deployment longitude, degrees_east)	>> 280	<< 281	0.0	359.99
<input checked="" type="checkbox"/> end_date (End date and time, UTC)	>> <<	<< >>	1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
<input checked="" type="checkbox"/> elat (End latitude, degrees_north)	>> <<	<< >>	-77.36	99.54
<input checked="" type="checkbox"/> elon (End longitude, degrees_east)	>> <<	<< >>	0.01	359.98
<input checked="" type="checkbox"/> lost_date (date and time lost, UTC)	>> <<	<< >>	1978-12-31T00:00:00Z	2018-02-19T00:00:00Z
<input checked="" type="checkbox"/> typedeath (Type of death)	>> <<	<< >>		
<input checked="" type="checkbox"/> typebuoy (Buoy type (SVP=standard Surface))	>> <<	<< >>		
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)	>> <<	<< >>	0.0	360.0
<input checked="" type="checkbox"/> ve (Eastward velocity, cm/s)	>> <<	<< >>	-291.622	291.285
<input checked="" type="checkbox"/> vn (Northward velocity, cm/s)	>> <<	<< >>	-257.69	278.322
<input checked="" type="checkbox"/> speed (cm/s)	>> <<	<< >>	0.0	295.215
<input checked="" type="checkbox"/> varlat (Variance latitude)	>> <<	<< >>	2.9E-7	2.4465
<input checked="" type="checkbox"/> varlon (Variance longitude)	>> <<	<< >>	-0.039416	4.2764
<input checked="" type="checkbox"/> vart (Variance temperature)	>> <<	<< >>	9.1034E-4	27.406

Server-side Functions

distinct()

orderBy: (↑ ↓)

File type: - View a .html web page with the data in a table. Times are ISO 8601 strings. [more info](#)

Just generate the URL: [Documentation / Bypass this form](#)

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

4. Once all desired variables have been entered, for best output results, under "Server-side Functions", order variables by "time". By doing so, the output will be displayed chronologically.

ERDDAP > tabledap > Data Access Form

Dataset Title: **GDP interpolated drifter data (Drifting Bouy Collection)**

Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)

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 checked="" type="checkbox"/> ID (AOML Buoy ID)				
<input checked="" type="checkbox"/> WMO (World Meteorological Center buoy identification number)				
<input checked="" type="checkbox"/> expro (Experiment number, count)				
<input checked="" type="checkbox"/> longitude (degrees_east)			0.0	360.0
<input checked="" type="checkbox"/> latitude (degrees_north)			-78.305	89.899
<input checked="" type="checkbox"/> time (UTC)	2010-01-01	2016-02-14	1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
<input checked="" type="checkbox"/> temp (Temperature, degree_Celsius)			-16.85	45.95
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)			1979-02-13T00:00:00Z	2018-02-25T07:57:50Z
<input checked="" type="checkbox"/> dlat (Deployment latitude, degrees_north)	25	26	-77.81	88.10
<input checked="" type="checkbox"/> dlon (Deployment longitude, degrees_east)	280	281	0.0	359.99
<input checked="" type="checkbox"/> end_date (End date and time, UTC)			1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
<input checked="" type="checkbox"/> elat (End latitude, degrees_north)			-77.36	99.54
<input checked="" type="checkbox"/> elon (End longitude, degrees_east)			0.01	359.98
<input checked="" type="checkbox"/> lost_date (date and time lost, UTC)			1978-12-31T00:00:00Z	2018-02-19T00:00:00Z
<input checked="" type="checkbox"/> typedeath (Type of death)				
<input checked="" type="checkbox"/> typebuoy (Buoy type (SVP=standard Surface))			0.0	360.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)			-291.622	291.285
<input checked="" type="checkbox"/> ve (Eastward velocity, cm/s)			-257.69	278.322
<input checked="" type="checkbox"/> vn (Northward velocity, cm/s)			0.0	295.215
<input checked="" type="checkbox"/> speed (cm/s)			2.4857	2.4465
<input checked="" type="checkbox"/> varlon (Variance longitude)			-0.039416	4.2764
<input checked="" type="checkbox"/> vart (Variance temperature)			9.1034E-4	27.406

Server-side Functions

distinct()

orderBy: 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: [Documentation / Bypass this form](#)

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

5. 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**

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="checkbox"/> platform_type	"DRIFTING BUOYS (GENER		"DRIFTING BUOYS (GENERIC"	
<input type="checkbox"/> country				
<input checked="" type="checkbox"/> time (observation date, UTC)				
<input checked="" type="checkbox"/> latitude (degrees_north)	20	30	-89.0	89.0
<input checked="" type="checkbox"/> longitude (degrees_east)	-70	-60	-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 checked="" type="checkbox"/> sip (sea level pressure, hPa)				
<input type="checkbox"/> windsdp (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"/> rsds (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_lca (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: platform_code, time

File type: **json** - Download longitude,latitude,otherColumns data as a GeoJSON json file. [more info](#)

Just generate the URL: http://osmc.noaa.gov/erddap/tabledap/OSMC_30day.htmlTable?platform_type%2Ctime%2Ciat [Documentation / Bypass this form](#)

Submit (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), Google Earth (.kml), etc.

ERDDAP > tabledap > Data Access Form

Dataset Title: **GDP interpolated drifter data (Drifting Buoy Collection)**
 Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)
 Information: Summary | License | FGDC | ISO 19115 | Metadata | Background | Subset | Make a graph

Variable Check All Uncheck All

Variable	Optional Constraint #1	Optional Constraint #2	Minimum	Maximum
<input checked="" type="checkbox"/> ID (AOML Buoy ID)				
<input checked="" type="checkbox"/> WMO (World Meteorological Center buoy identification number)				
<input checked="" type="checkbox"/> expno (Experiment number, count)				
<input checked="" type="checkbox"/> longitude (degrees_east)			0.0	360.0
<input checked="" type="checkbox"/> latitude (degrees_north)			-78.305	89.899
<input checked="" type="checkbox"/> time (UTC)	2010-01-01	2016-02-14	1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
<input checked="" type="checkbox"/> temp (Temperature, degree_Celsius)			-16.85	45.95
<input checked="" type="checkbox"/> deploy_date (Deployment date and time, UTC)			1979-02-13T00:00:00Z	2018-02-25T07:57:50Z
<input checked="" type="checkbox"/> diat (Deployment latitude, degrees_north)	25	26	-77.81	88.16
<input checked="" type="checkbox"/> diol (Deployment longitude, degrees_east)	280	281	0.0	359.99
<input checked="" type="checkbox"/> end_date (End date and time, UTC)			1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
<input checked="" type="checkbox"/> elat (End latitude, degrees_north)			-77.36	99.54
<input checked="" type="checkbox"/> elon (End longitude, degrees_east)			0.01	359.98
<input checked="" type="checkbox"/> lost_date (date and time lost, UTC)			1978-12-31T00:00:00Z	2018-02-19T00:00:00Z
<input checked="" type="checkbox"/> typedeath (Type of death)				
<input checked="" type="checkbox"/> typebuoy (Buoy type (SVP-standard Surface))			0.0	360.0
<input checked="" type="checkbox"/> lon360 (Longitude, degrees_east)			-291.622	291.285
<input checked="" type="checkbox"/> ve (Eastward velocity, cm/s)			-257.69	278.322
<input checked="" type="checkbox"/> vn (Northward velocity, cm/s)			0.0	295.215
<input checked="" type="checkbox"/> speed (cm/s)			2.9E-7	2.4465
<input checked="" type="checkbox"/> variat (Variance latitude)			-0.039416	4.2764
<input checked="" type="checkbox"/> varlon (Variance longitude)			9.1034E-4	27.406
<input checked="" type="checkbox"/> vart (Variance temperature)				

Server-side Functions distinct() orderBy (time)

File type: - View a .kml file, suitable for Google Earth. [more info](#)
 Just generate the URL: [Documentation / Bypass this form](#)

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

6. 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 then 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: **GDP interpolated drifter data (Drifting Buoy Collection)**
 Institution: NOAA AOML (Dataset ID: gdp_interpolated_drifter)
 Information: Summary | License | FGDC | ISO 19115 | Metadata | Background | Subset | Make a graph

Variable Check All Uncheck All

Variable	Optional Constraint #1	Optional Constraint #2	Minimum	Maximum
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<input checked="" type="checkbox"/> WMO (World Meteorological Center buoy identification number)				
<input checked="" type="checkbox"/> expno (Experiment number, count)				
<input checked="" type="checkbox"/> longitude (degrees_east)			0.0	360.0
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<input checked="" type="checkbox"/> time (UTC)	2010-01-01	2016-02-14	1979-02-15T00:00:00Z	2018-04-01T06:00:00Z
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<input checked="" type="checkbox"/> diol (Deployment longitude, degrees_east)	280	281	0.0	359.99
<input checked="" type="checkbox"/> end_date (End date and time, UTC)			1979-03-08T21:05:36Z	2018-03-31T07:02:20Z
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<input checked="" type="checkbox"/> varlon (Variance longitude)			9.1034E-4	27.406
<input checked="" type="checkbox"/> vart (Variance temperature)				

Server-side Functions distinct() orderBy (time)

File type: - View a .shmt (HTML, DHTML) file with the data in a table. Times are ISO 8601 strings. [more info](#)
 Just generate the URL: http://osmc.noaa.gov/erdap/tabledap/gdp_interpolated_drifter.shm?ID%2CWMO%2Cexpno [Documentation / Bypass this form](#)

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