

## CeNCOOS Observations Map Map Information

### General Information

- *IOOS standard variables* – observing variables that are considered common throughout IOOS.
- *Regional variables* – these are observing variables that are not listed with the IOOS standard variables and are important to the CeNCOOS region.
- *CeNCOOS partners* – list of CeNCOOS partners that have point information for their observing locations entered into the oceanObs database (see below). **Note: this is not a comprehensive list of all partners in the CeNCOOS region.**

### FAQ's

#### **Where does the data come from?**

Data used to create the CeNCOOS Observations Map comes from the oceanObs inventory of ocean observing activities.

#### **What data is used in the maps?**

A select portion of data in the oceanObs database is used to create the Google maps. This metadata-level information includes site latitude and longitude, observing device name and vertical placement, partner information, derived data product title and location, and observed variables.

#### **How is the data entered into the database?**

CeNCOOS staff actively search out and assist regional partners with entering this data on observing activities. If you are a CeNCOOS partner and would like to contribute your information to oceanObs and the CeNCOOS Observations Map, contact Tom Wadsworth (twadswor@ucsc.edu).

#### **Where else can I access the data?**

All observing activity information in the oceanObs inventory is available through a publicly accessible website <http://oceanobs.org>. More information on oceanObs is also available on the website.

## **Map Development**

The CeNCOOS Observations Map was developed by the Monterey Bay National Marine Sanctuary's SIMoN program (<http://mbnms-simon.org>). This map application is built entirely on open-source software including Apache, PHP, MySQL, and the Google Maps API. All questions and comments on the map development should be directed to Josh Pederson ([josh.pederson@noaa.gov](mailto:josh.pederson@noaa.gov)).