# ERDDAP Datasets for Use in Participant Exercise 2

<u>CoastWatch Long Island Sound Class</u> – Tier 1

**ERDDAP Server:** https://coastwatch.noaa.gov/erddap

Note the server lists over 1,000 datasets. The datasets below are suitable for use in the Participant Exercise. Please choose one to conduct your exercise. ***Put the Dataset ID in the search box*** to go to that dataset.

If you'd like different data, see the next page.

**Chlorophyll:**

Longer time range, coarser spatial resolution

- Chlorophyll (Gap-filled DINEOF), NOAA S-NPP NOAA-20 VIIRS and Copernicus S-3A OLCI, Science Quality, Global 2km, 2018-recent, Daily
- Dataset ID: noaacwNPPN20S3ASCIDINEOF2kmDaily

Finer spatial resolution, shorter time range

- Chlorophyll, Copernicus S-3A OLCI, Near Real-Time, Sector FI 300m, Level 3, 90 days ago - present, Daily
- Dataset ID: noaacwS3AOLCIchlaSectorFIDaily

**Turbidity/Light Attenuation (Kd490):**

Gap-filled, coarser spatial resolution, shorter time range

- Kd490 (Gap-filled DINEOF), NOAA S-NPP NOAA-20 VIIRS and Copernicus S-3A OLCI, Science Quality, Global 2km, 2018-recent, Daily
- Dataset ID: noaacwNPPN20S3AkdSCIDINEOF2kmDaily

Not gap-filled, finer spatial resolution, longer time range

- Kd490, NOAA S-NPP VIIRS, Science Quality, 750m Sector VY, Daily
- Dataset ID: noaacwNPPVIIRSSCIkd490SectorVYDaily

**Sea Surface Temperature:**

Longer time range, coarser spatial resolution

- Sea Surface Temperature, NOAA Coral Reef Watch Daily Global 5km Satellite SST (CoralTemp), 1985-present, Daily
- Dataset ID: noaacrwsstDaily

Finer spatial resolution, shorter time range

- Sea-Surface Temperature, NOAA ACSPO Daily Global 0.02° Gridded Super-collated SST and Thermal Fronts Reanalysis, 2012-present, Daily (L3S-LEO degrees C)
- Dataset ID: noaacwLEOACSPOSSTL3SCDaily

## Other ERDDAP servers to search:

### CoastWatch

- CoastWatch West Coast Node https://coastwatch.pfeg.noaa.gov/erddap/
- CoastWatch Central Pacific Node https://oceanwatch.pifsc.noaa.gov/erddap/
- CoastWatch Caribbean/Gulf of America Node https://cwcgom.aoml.noaa.gov/erddap/
- CoastWatch Great Lakes Node https://coastwatch.glerl.noaa.gov/erddap/
- CoastWatch Central https://coastwatch.noaa.gov/erddap/

### Other organizations (very small sampling)

- Southern California Coastal Ocean Observing System http://sccoos.org/erddap/
- Rutgers http://tds.marine.rutgers.edu/erddap/
- NOAA GEO-IDE UAF https://upwell.pfeg.noaa.gov/erddap/
- NCEI https://www.ncei.noaa.gov/erddap/
- French Research Instutute http://www.ifremer.fr/erddap/
- Marine Institute Ireland https://erddap.marine.ie/erddap/

## Two search engines to search multiple ERDDAP servers at many different institutions

(neither are comprehensive all ERDDAP servers)

Search Multiple ERDDAPs 🖅

ERDDAP Dataset Discovery 🖅