

Station Name:

UNH Wilkinson Basin monthly transect, 2004-present

Type of Station (moored / ship-based) and Location (geographic region / latitude and longitude coordinates):

Ship-based, 6 station coast to deepwater transect
42.98N 70.5W to 42.8 68.5W, Western Gulf of Maine

Carbon and biogeochemistry measurements at the station (indicate the frequency of observations, the year measurements began, and if they are surface / full water column, etc.):

Surface obs: pCO₂ sea,air; O₂ sea; SST; Salinity; Chl; CDOM; Turbidity; pH
Depth obs. profiles:
TA,DIC,DOC,POC,HPLC,absorption,O₂,T,S,Chl,CDOM,nutrients,zooplankton
Sampling interval: Monthly cruise
Shipboard sampling rate: flo thru, 20 second sampling rate
Start date: April 2004 –present

Principle Investigators / Contact Points:

J. Salisbury, UNH ; D. Vandemark, UNH; R. Morrison, UNH
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Affiliation of this station with national, regional, or global research programs and process studies:

All PIs: UNH Coastal Ocean Observation and Analysis program
Salisbury PI: A novel approach toward the estimation of net ecosystem metabolism in estuary-plume systems using satellite and modeled data

Web-site or links to other information:

<http://www.cooa.unh.edu>