

OCNMS Research and Monitoring, 2015 Field Season

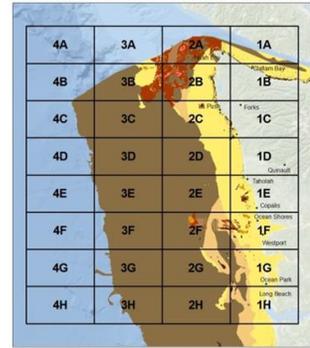
<http://olympiccoast.noaa.gov/science/surveycruises/surveycruises.html>

<p>Subtidal Surveys: Assessing sea otter effects on nearshore communities</p> <p>NOAA NWFSC divers replicated SCUBA transects from past decades to evaluate changes associated with the expansion of Washington's sea otter population.</p> <p>http://olympiccoast.noaa.gov/science/surveycruises/2015/subtidalsurveys.html</p>	
<p>Wildlife Research: 2015 Annual Sea Otter Census</p> <p>Aerial survey flights for the annual sea otter census are coordinated by USFWS and WDFW, with ground-based assistance from several organizations. In 2015, OCNMS coordinated counts from Norwegian Point and Bluff Point observation locations.</p> <p>http://olympiccoast.noaa.gov/science/surveycruises/2015/2015_ottercensus.html</p>	
<p>Oceanography: Oceanographic Research Moorings</p> <p>For the 15th consecutive year, OCNMS oceanographic moorings were deployed at 15 meter and 45 meter depths at Makah Bay, Cape Alava, Teahwhit Head, Kalaloch (27m rather than 42m) and Cape Elizabeth. Deployment locations, program details, and data are available online.</p> <p>http://olympiccoast.noaa.gov/science/surveycruises/2015/2015_moorings.html</p>	
<p>Seafloor Mapping: Quillayute Needles (South) and Giants Graveyard</p> <p>The tenacious crew of the RV <i>Tatoosh</i> continued coastal seafloor mapping of the shallow rocky areas from La Push south. New high-resolution maps reveal the complex nearshore habitat.</p> <p>http://olympiccoast.noaa.gov/science/surveycruises/2015/2015_seafloor_mapping.html</p>	

Seafloor Mapping: Washington State Outer Coast Seafloor Atlas V1

The Seafloor Atlas is a combination of two WA outer coast seafloor maps: the Olympic Coast Seafloor Atlas and the OSU Surficial Geologic Habitat Map. The Atlas is downloadable as a GIS project, as a map book, or as individual map pages.

<http://olympiccoast.noaa.gov/science/habitatmapping/habitatmapping.html>



Coastal Habitats: Intertidal Monitoring at Point Grenville

OCNMS continued annual monitoring at rocky intertidal sites on the Quinault reservation shoreline adjacent to the sanctuary following the MARiNe methods, which are applied at numerous sites between California and Alaska. Surveys in 2015 were supported by long-time volunteer Pam Maurides.

http://olympiccoast.noaa.gov/science/surveyscruises/2015/2015_intertidalmonitoring.html



Citizen Science: OCNMS Provides Shoreline Debris Data for National Marine Database

OCNMS volunteers are currently monitoring 14 sites on the outer coast and Strait of Juan de Fuca using the NOAA Marine Debris Program's Shoreline Survey Field Guide. Data are entered into the national database.

http://olympiccoast.noaa.gov/science/surveyscruises/2015/2015_citscience_marinedebris.html

