NANOOS Visualization System (NVS) Boaters App

*Using Networked Ocean Observing Data to Plan a Safe Trip*

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NANOOS Education and Outreach
Coastal IOOS:
17 Federal Agencies; 11 Regional Associations
Northwest Association of Networked Ocean Observing Systems (NANOOS)

**Coastal ocean:**
Northern extent of California Current
Winds, topography, freshwater input, ENSO & other climate cycles

**Major inland basins:**
Puget Sound-Georgia Basin, Columbia River
Urban centers, nearshore development, climate variation

**Coastal estuaries:**
Willapa Bay, Grays Harbor, Yaquina Bay, Coos Bay, +20
Resource extraction, development, climate

**Shorelines:**
Rocky to sandy, dynamic: storms, erosion
Winds, development, climate

**Major rivers:**
Columbia River (~75% FW input to Pacific from US WC)
many rivers (e.g., Fraser, Skagit) via Strait Juan de Fuca
Dredging, water regulation, climate change

**NANOOS Region User Groups:**
Maritime: shipping, oil transport/spill remediation
Fisheries: salmon, shellfish, crab, groundfish, aquaculture
Environmental management: HABs, hypoxia
Shoreline: erosion, inundation
Hazards: Search and rescue, national security
Educators: formal, informal, research
Marine recreation: boating, surfing, diving

Started by defining the region,
the users, their needs:
Welcome to NANOOS, the Northwest Association of Networked Ocean Observing Systems. NANOOS is part of IOOS and provides information and products related to weather and ocean data.

NANOOS Visualization System

NVS provides easy access to observations, forecasts, data, and visualizations.

Boating Season is Here!

Plan your next trip using the NVS Boaters App, which offers features like current sea and weather conditions, tide and currents forecasts, and marina information to keep you informed before you go out. Use the new routing capability over NOAA nautical charts to safely plot your course, then log in to save your routes for another time.

Check out the following article from Three Sheets Northwest which highlights some of these features.

Visit the NVS Boaters App  Three Sheets Northwest Article
## Additions & Updates

<table>
<thead>
<tr>
<th>Device</th>
<th>Description</th>
<th>Updated</th>
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<tr>
<td>SITI Port Susan</td>
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Boaters App features include:
- NOAA nautical charts
- Routing capabilities
- Near-real time weather and sea conditions
- Surface current, wind, wave and weather forecasts
- Tide forecasts and water level plots
- Marina information and a satellite image of the dock
Let’s plan a trip!
Click the 'New Route' button to start a new route.

If you sign in, route information will automatically be saved to your account.
Scale 1:80,000
Continue up the Inside Passage
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And along the coast
Compare forecasts and current conditions.
Thank you!
We’d love your feedback...
please visit us at
www.nanoos.org

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