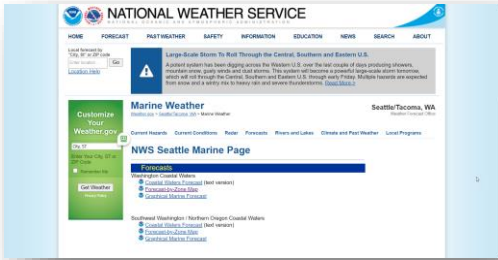


# Marine Weather Forecasting and Research

For a safe boating experience, ALWAYS check the weather prior to an outing:

1. **STEP 1** - [National Weather Service - Marine Weather](#)

- a. Provides broad view marine forecast, marine observations, local tides and safety information



Checking the weather conditions prior to going out on the water is essential for safe boating:

- 48-hour and beyond forecasts are sketchy but provide a good outlook for the expected weather.
- 24-hour forecasts are more precise and accurate.

2. **STEP 2** - [Windy.com - Wind Map & Weather Forecast](#)

- a. Provides wind observations and forecasts for specific locations
- b. Offers three different forecasting models (select in lower-right corner):
- i. ECMF - European Centre for Medium-Range Weather Forecasts (widely regarded as the best and most reliable model currently in existence)
  - ii. GFS - Global Forecast System
  - iii. NAM - North American Mesoscale Model



Wind of 12-knots or above creates whitecaps.



3. **STEP 3** - [DeepZoom.com - Tidal Observations & Forecast](#)

- a. Provides a colorful nautical chart view and displays tidal forecast for specific areas



Also consider:

**NOAA Marine Weather Forecast APP (\$1.99)**

- Provides quick, mobile access to marine weather with wind speed, gust and direction



# NOAA Marine Weather Forecast

QuantumTek Engineering Weather

★★★★★ 147

Everyone

This app is available for some of your devices

Add to Wishlist

\$1.99 Buy



NOAA  
Buoy Data



WaveWatch III  
Swell Model



Hourly Weather & Wave  
Forecast Data



Swell Time  
& Growth