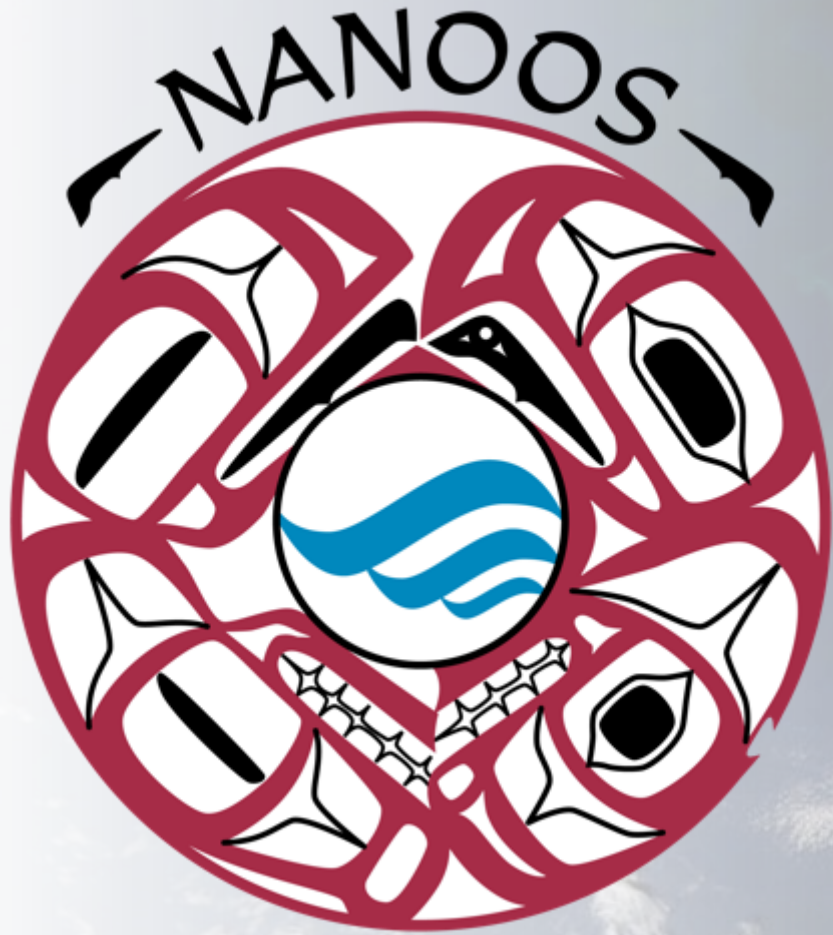




NOAA West Watch Update *18 June 2024*

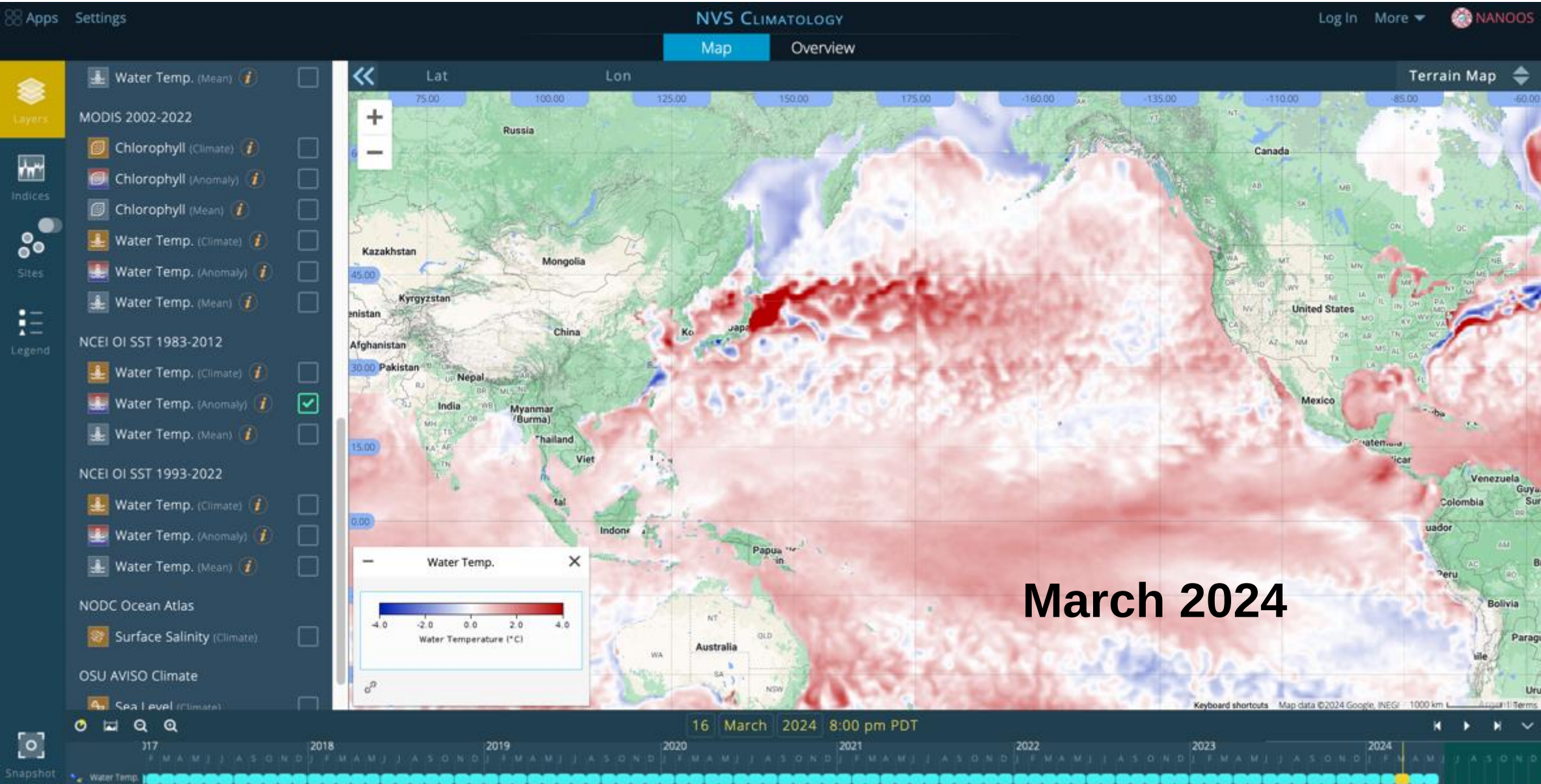
NANOOS Update

Jan Newton, on behalf of many

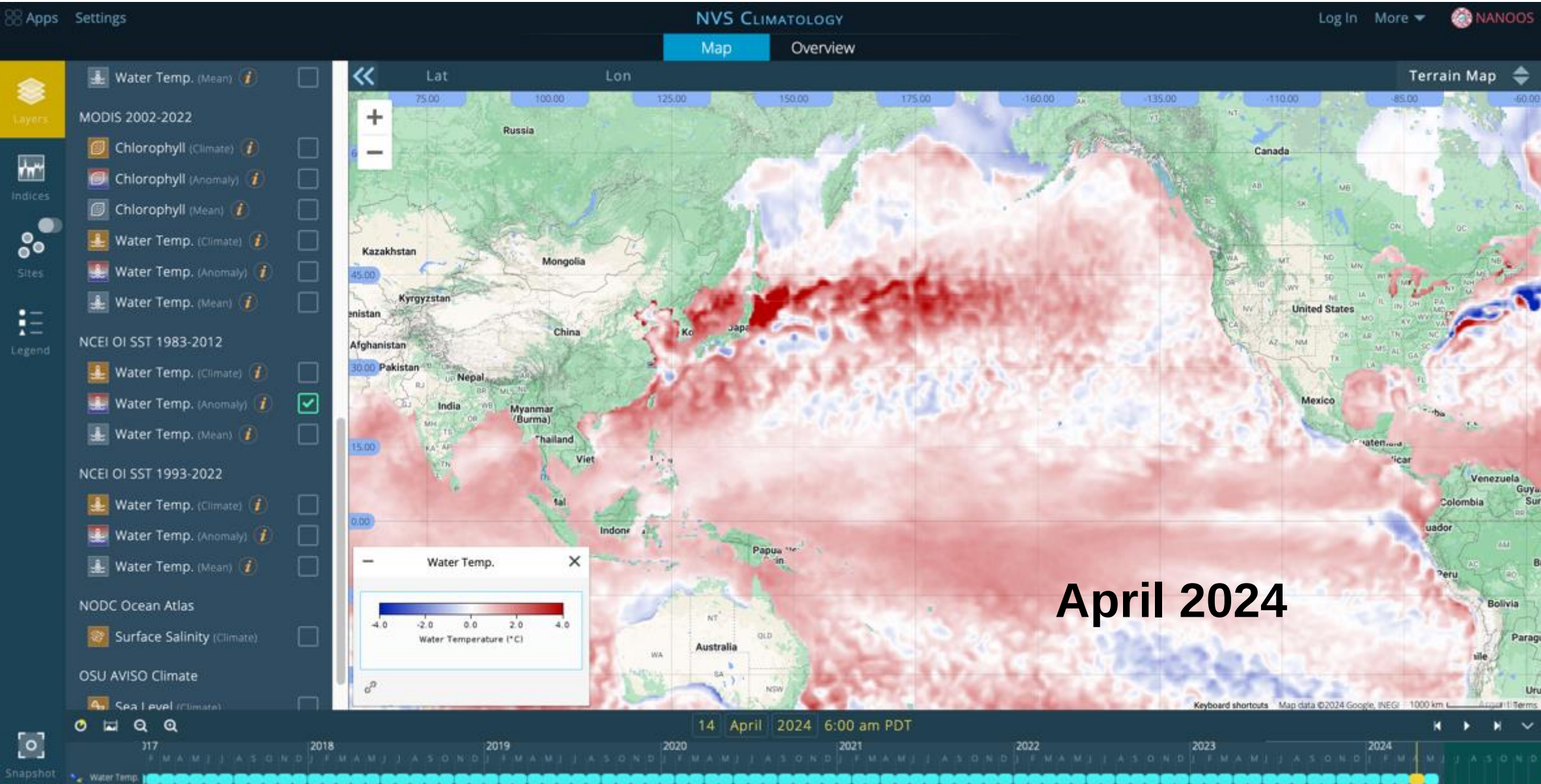
www.nanoos.org



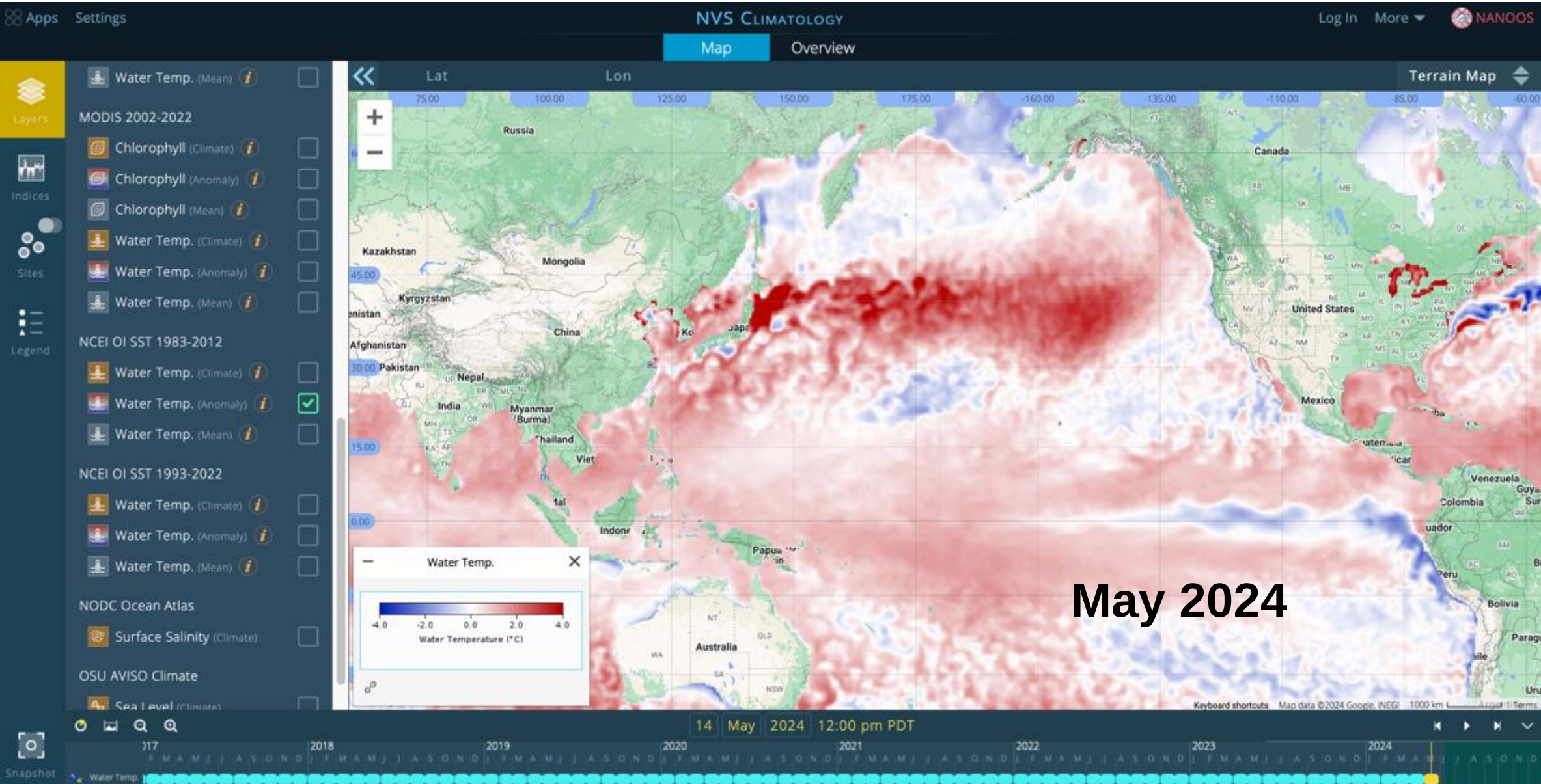
NCEI OI SST 1983-2012



NCEI OI SST 1983-2012



NCEI OI SST 1983-2012



MARINE HEATWAVES International Working Group

[HOME](#)[MHW OVERVIEW](#)[MHW IMPACTS](#)[TRACKER](#)[WORKSHOPS AND CONFERENCES](#)[PUBLICATIONS](#)[LEADS AND CONTACTS](#)[LINKS](#)

Total cover
26.75



I Moderate
22.3



II Strong
4.07



III Severe
0.31



IV Extreme
0.07

Controls

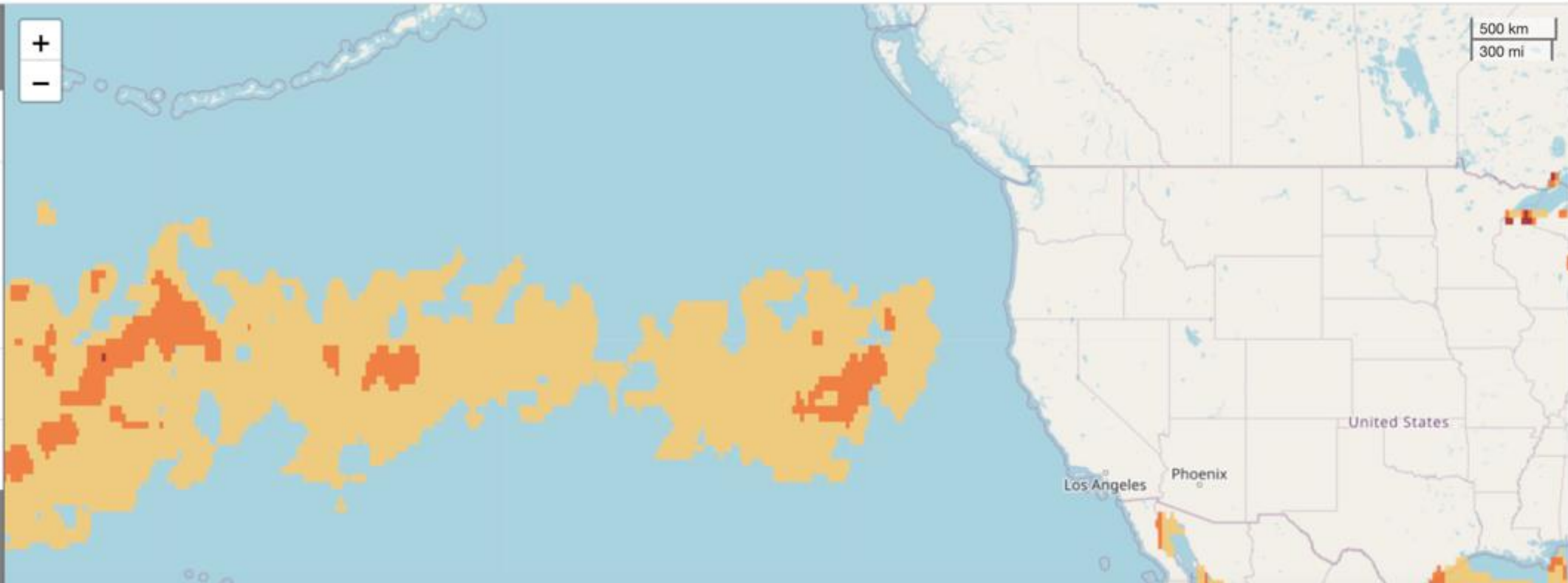
❄ Ice mask ▾

📅 Date ▴

2024-06-09

🗺 Map layer ▾

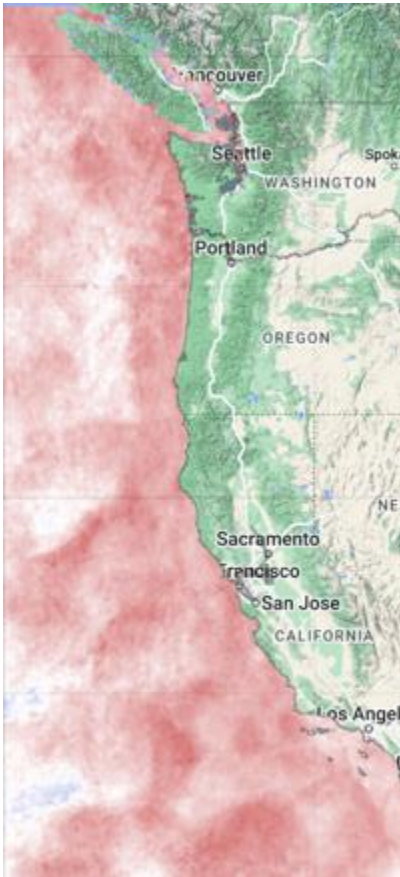
📄 Download ▾



<http://www.marineheatwaves.org/tracker.html>

March 2024

OSU MODIS 2002-2012



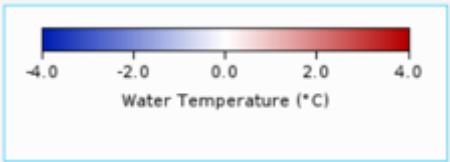
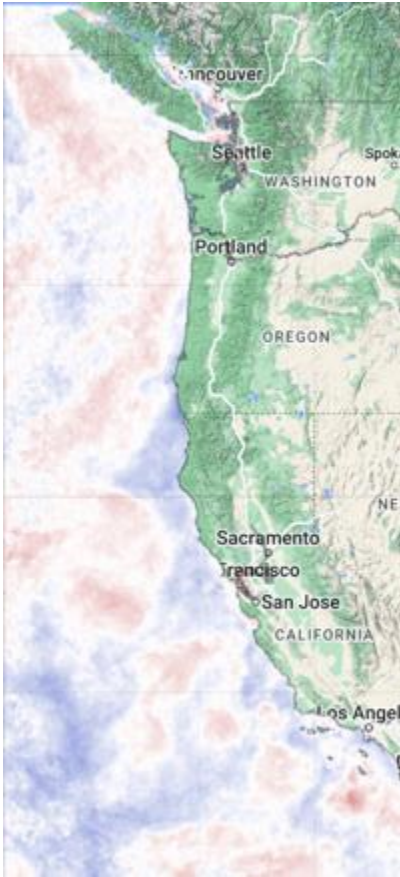
April 2024

OSU MODIS 2002-2012

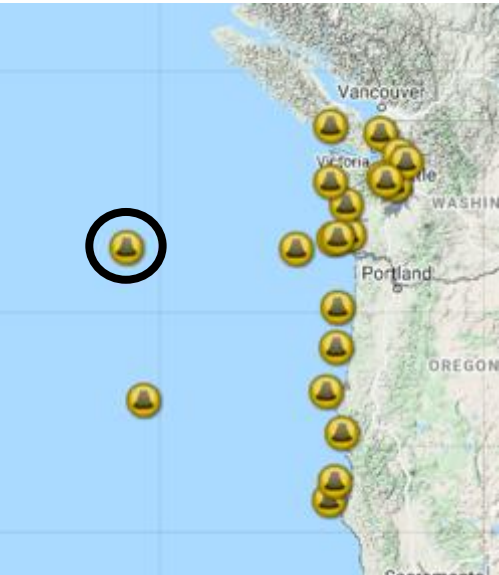


May 2024

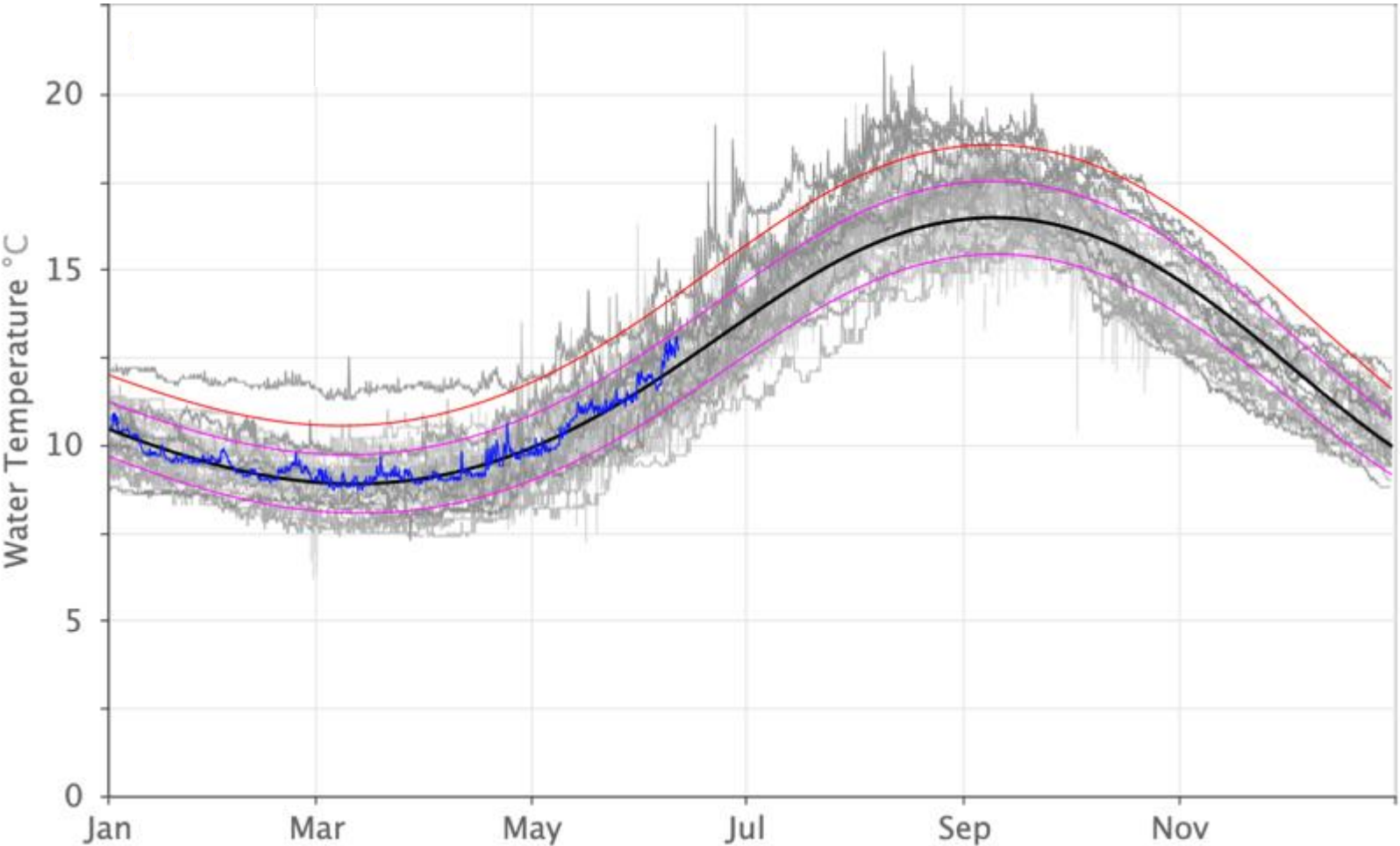
OSU MODIS 2002-2012



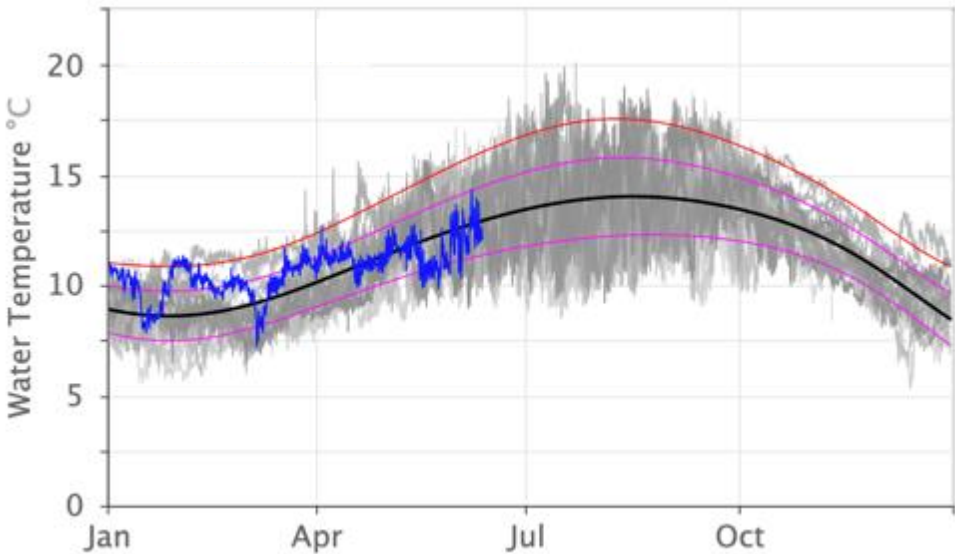
NDBC Washington



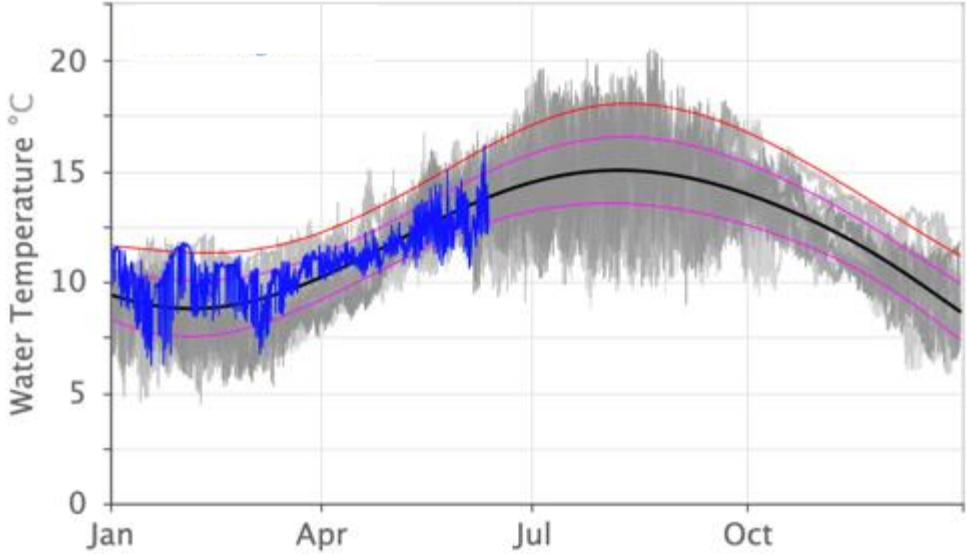
- Seasonal Cycle
n=45 Yrs
- 1 STD
- +1 STD
- +2 STD
- 2024



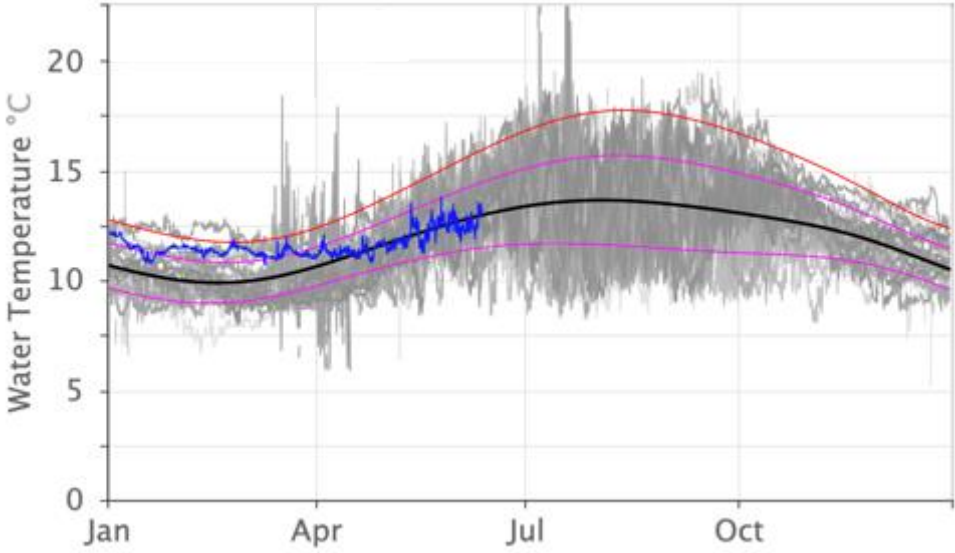
CDIP Grays Harbor 17 yrs



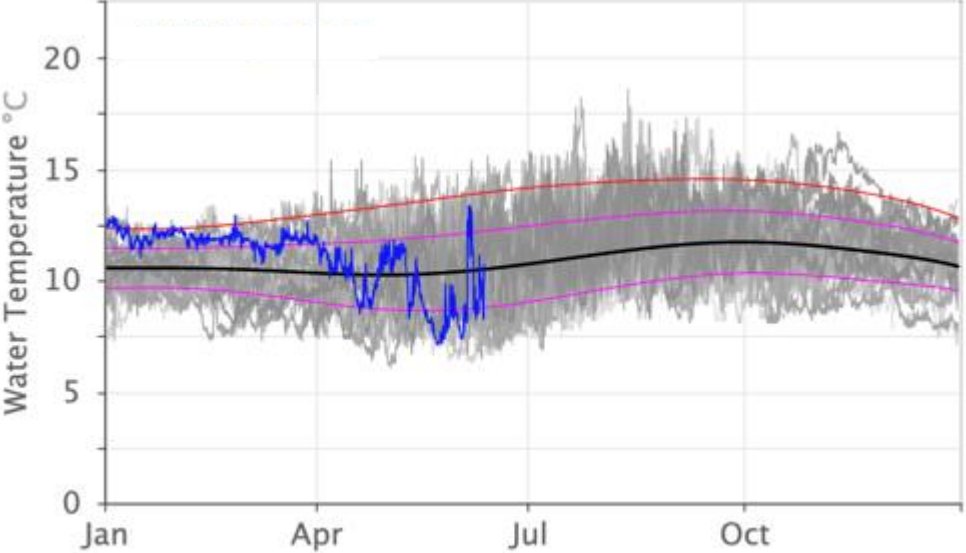
CDIP Clatsop Spit 12 yrs



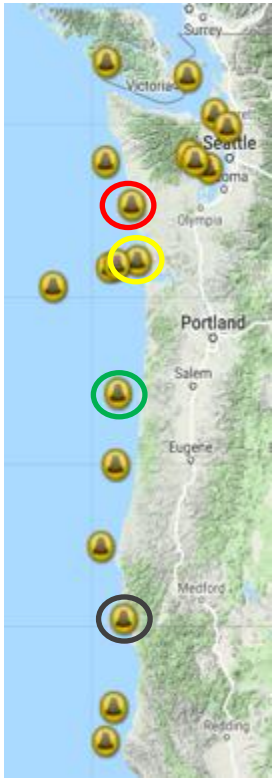
NDBC Stonewall Bank 34 yrs



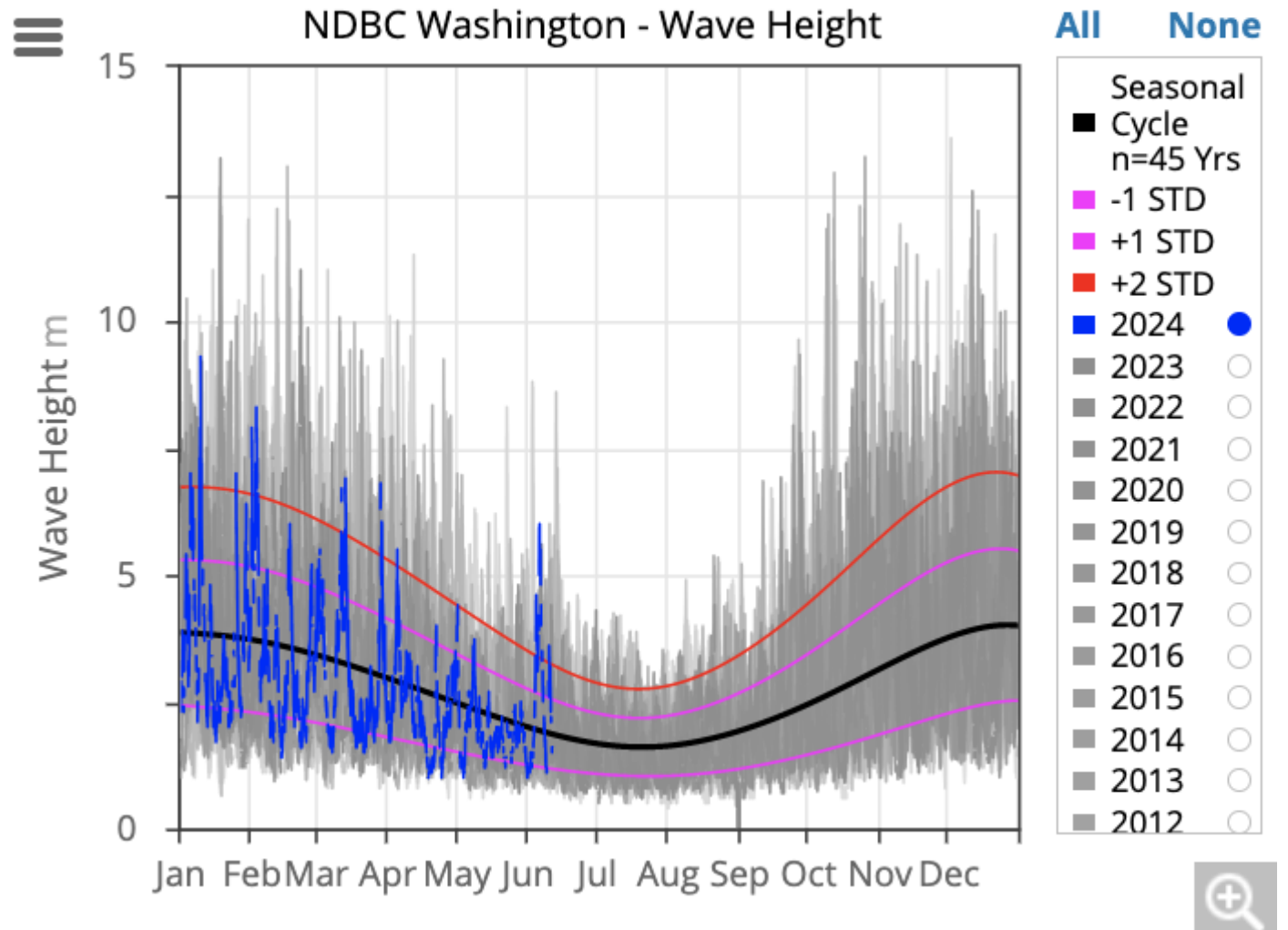
NDBC St. Georges 38 yrs



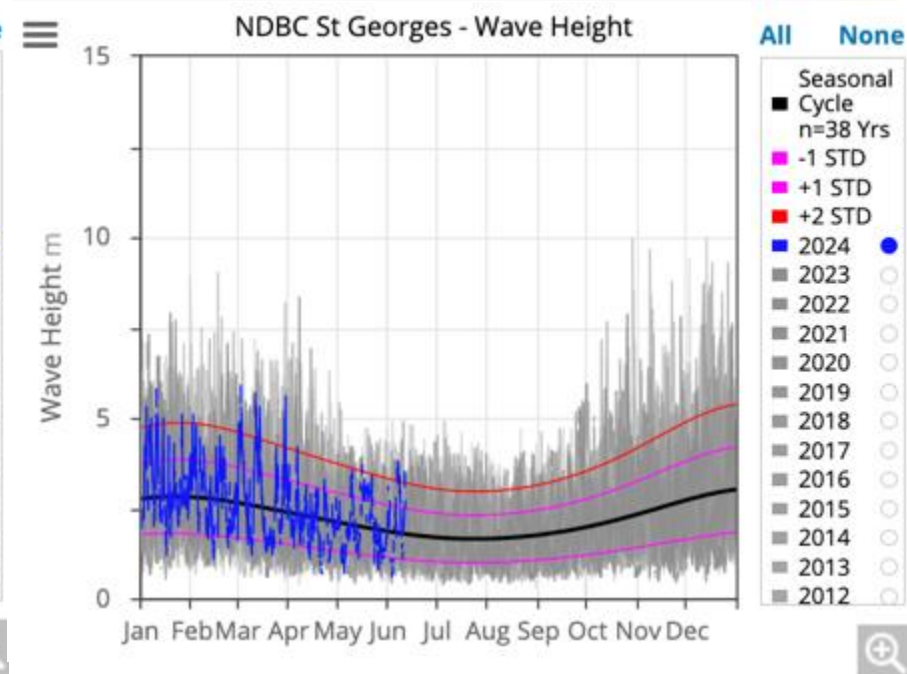
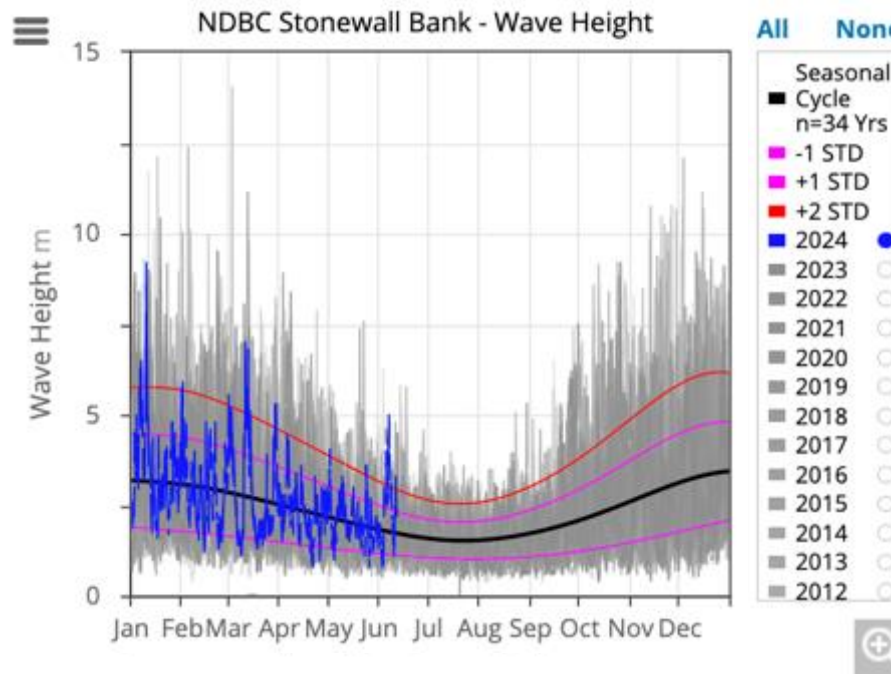
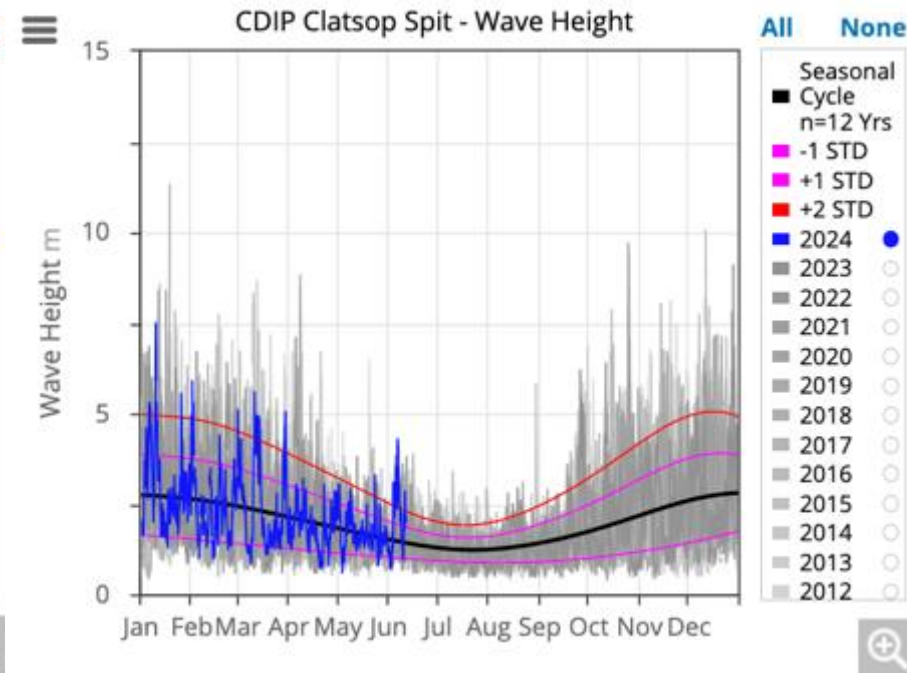
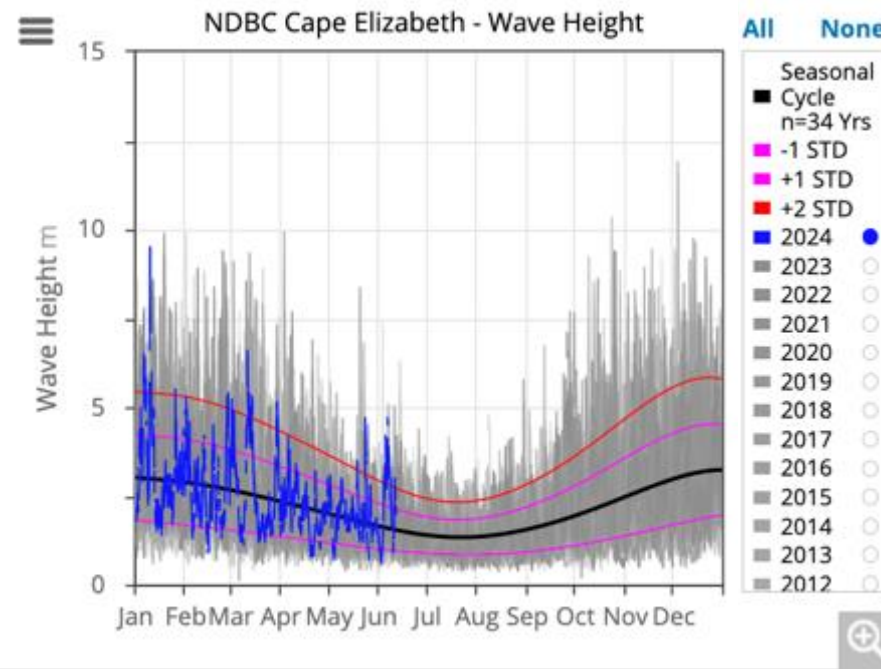
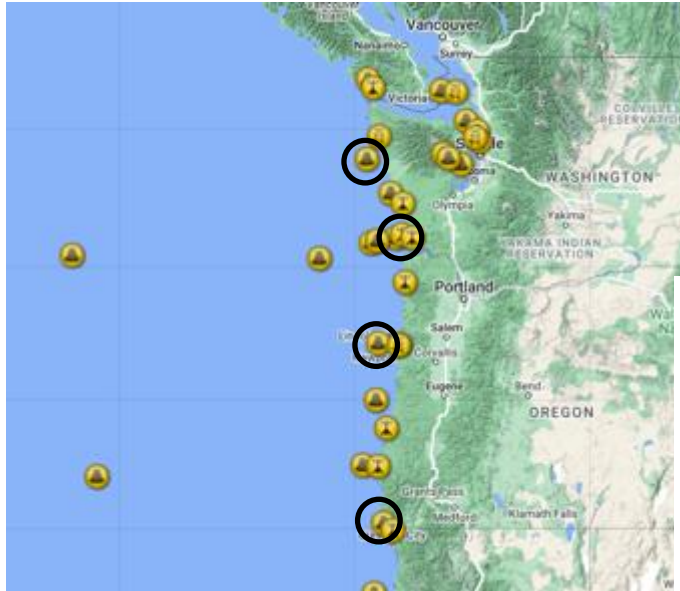
- Seasonal Cycle
- -1 STD
- +1 STD
- +2 STD
- 2023



Waves

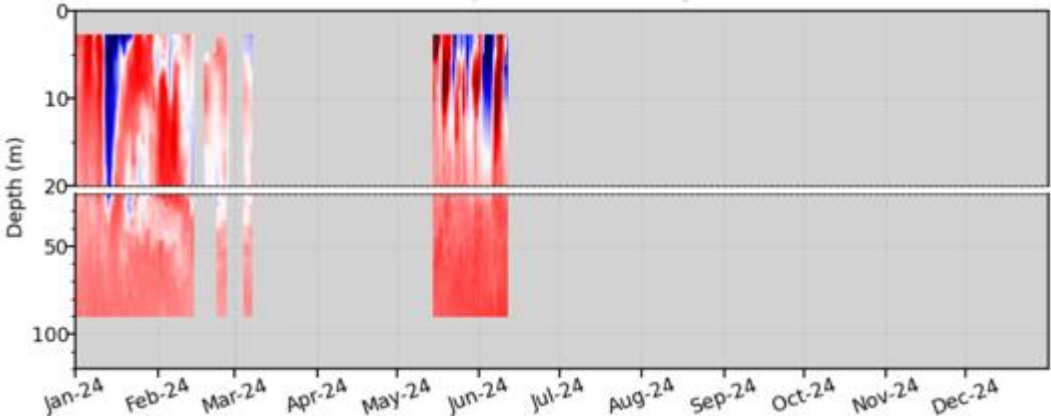


Waves

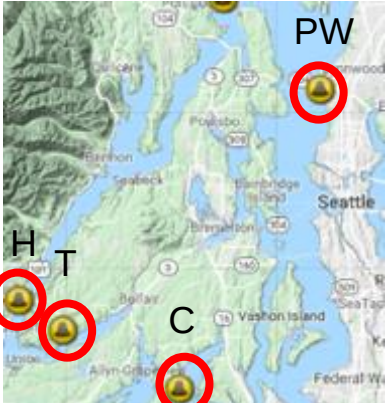
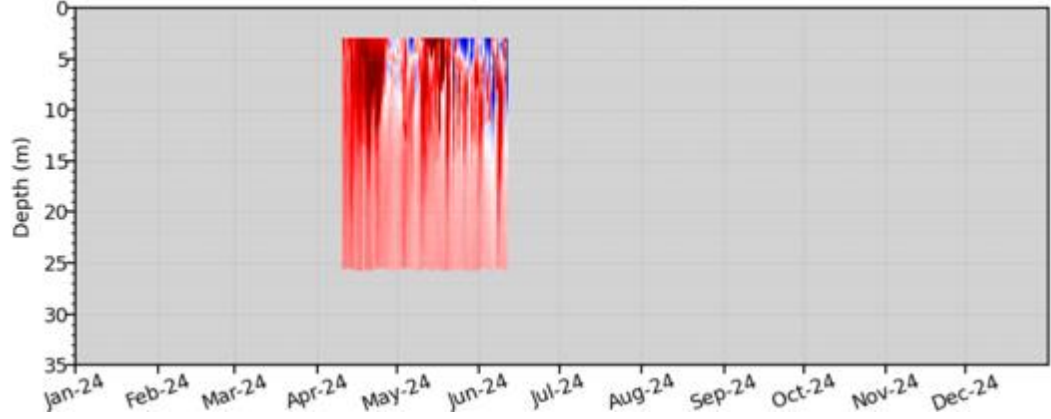


Temperature Anomalies

Hoodsport Temperature Anomaly, 2024, 14 years

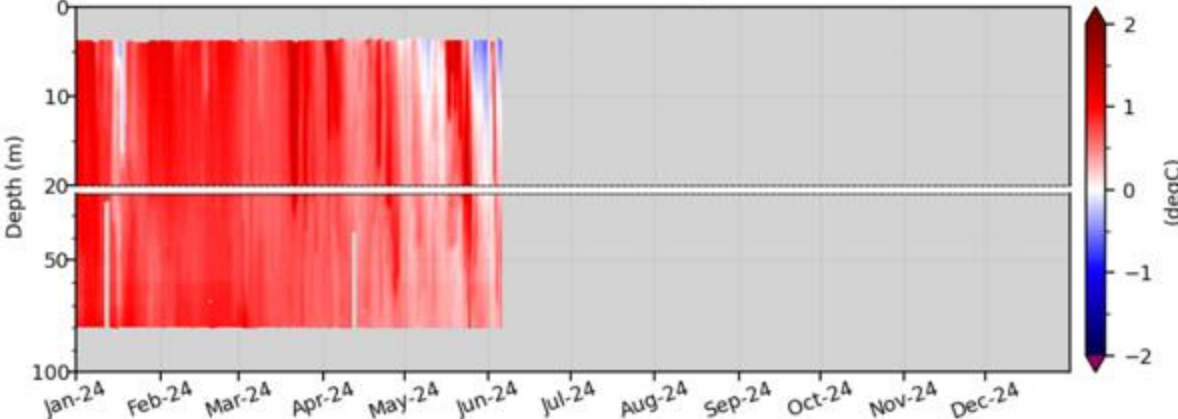


Twanoh Temperature Anomaly, 2024, 14 years

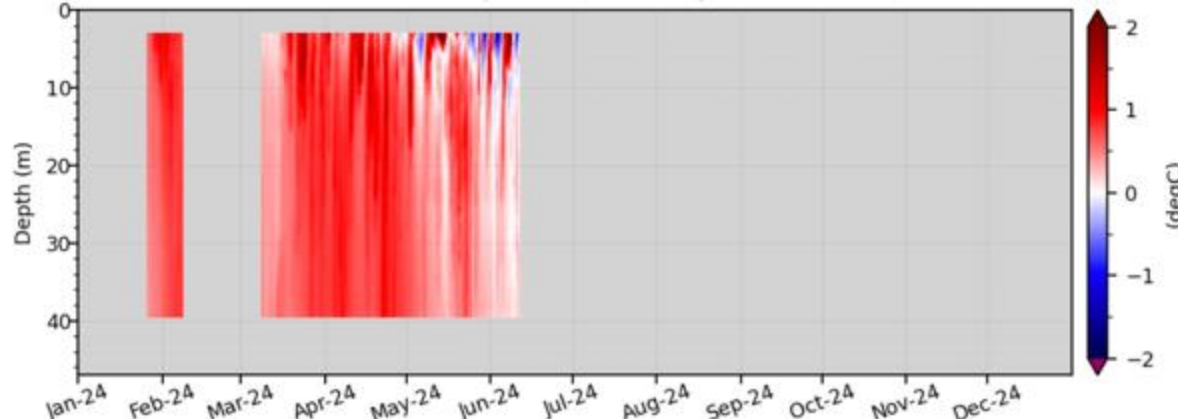


Puget Sound Profiling Buoys

Point Wells Temperature Anomaly, 2024, 14 years

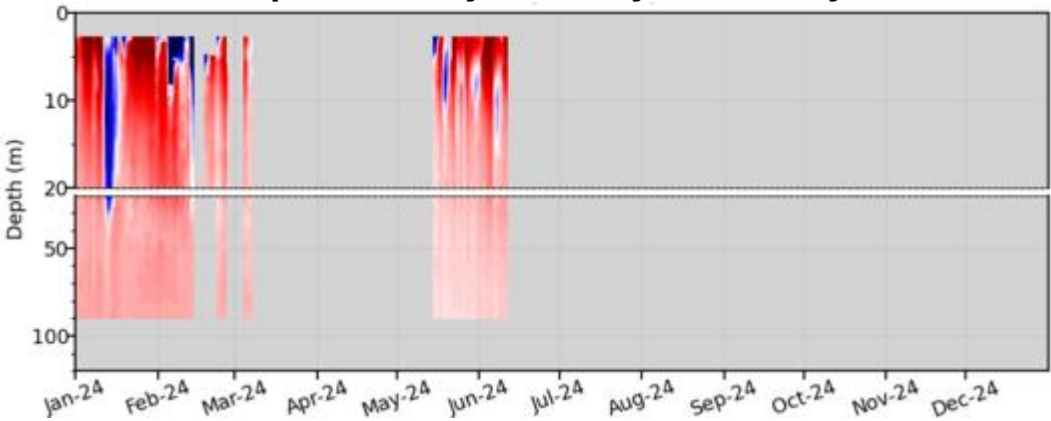


Carr Inlet Temperature Anomaly, 2024, 14 years

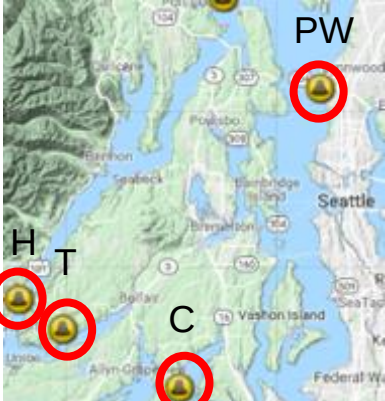
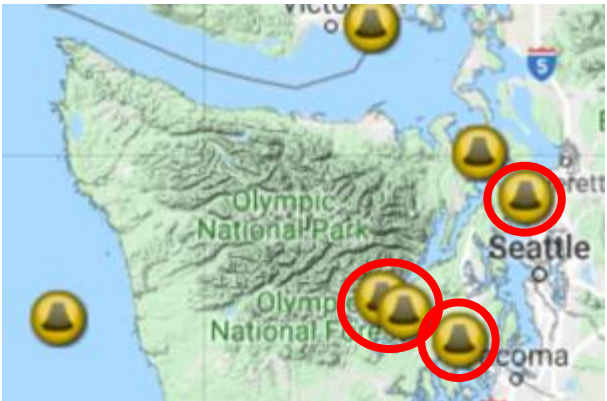
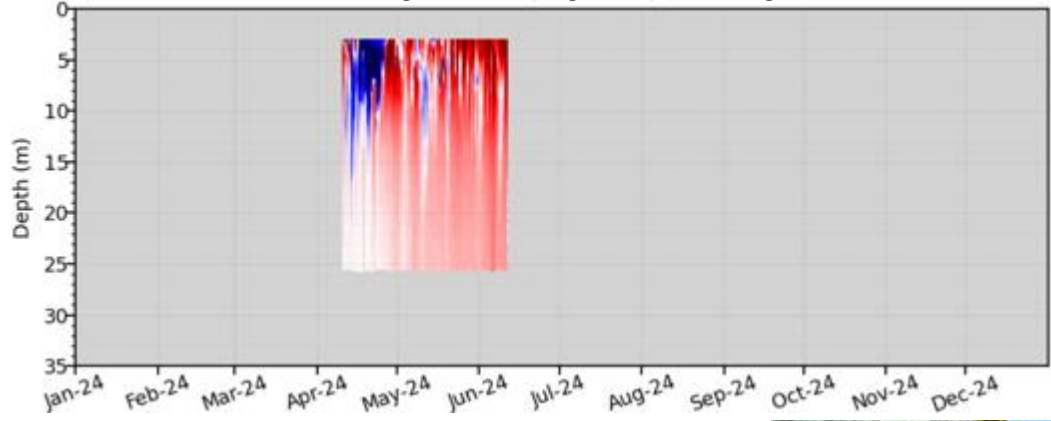


Salinity Anomalies

Hoodsport Salinity Anomaly, 2024, 14 years

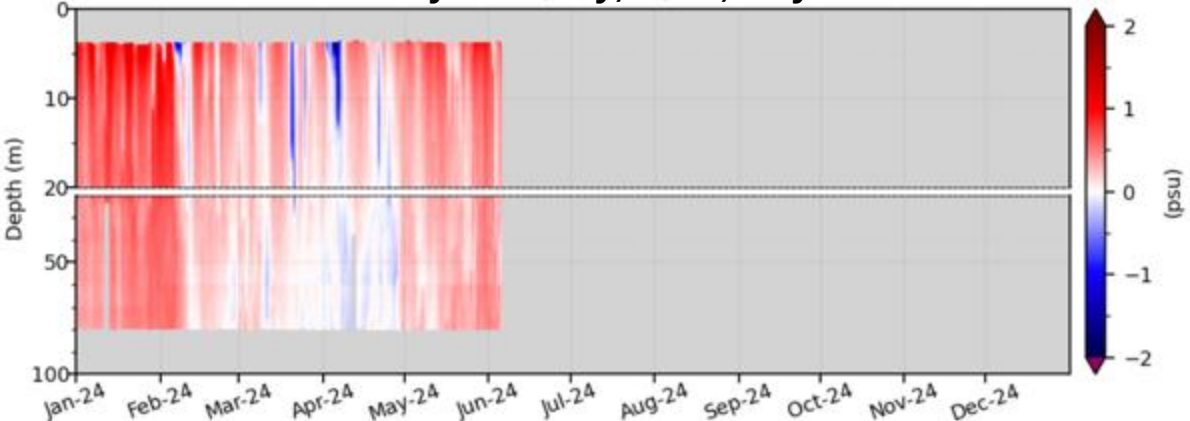


Twanoh Salinity Anomaly, 2024, 14 years

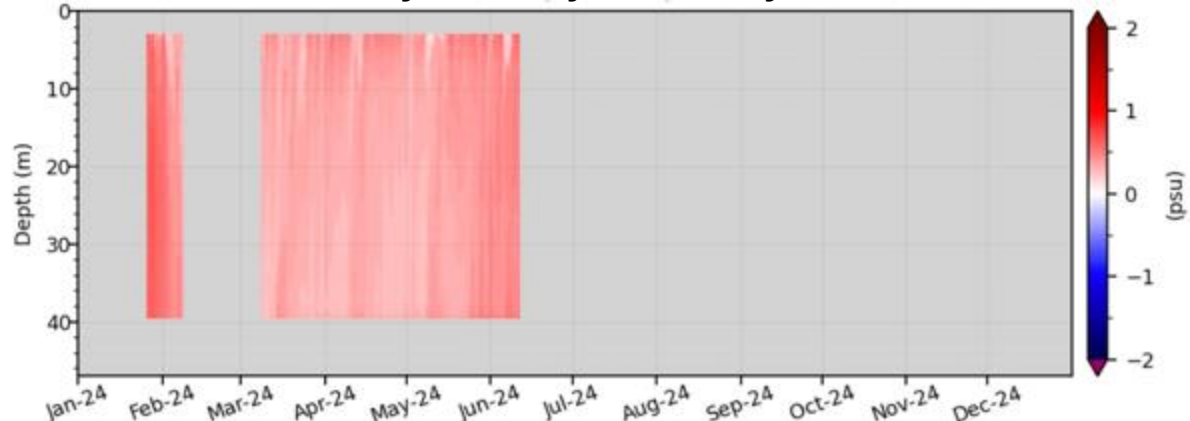


Puget Sound Profiling Buoys

Point Wells Salinity Anomaly, 2024, 14 years

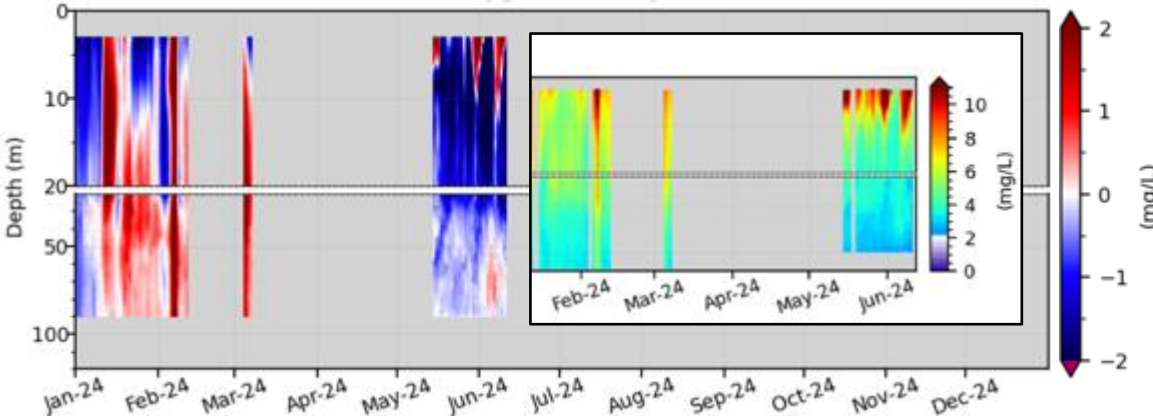


Carr Inlet Salinity Anomaly, 2024, 14 years

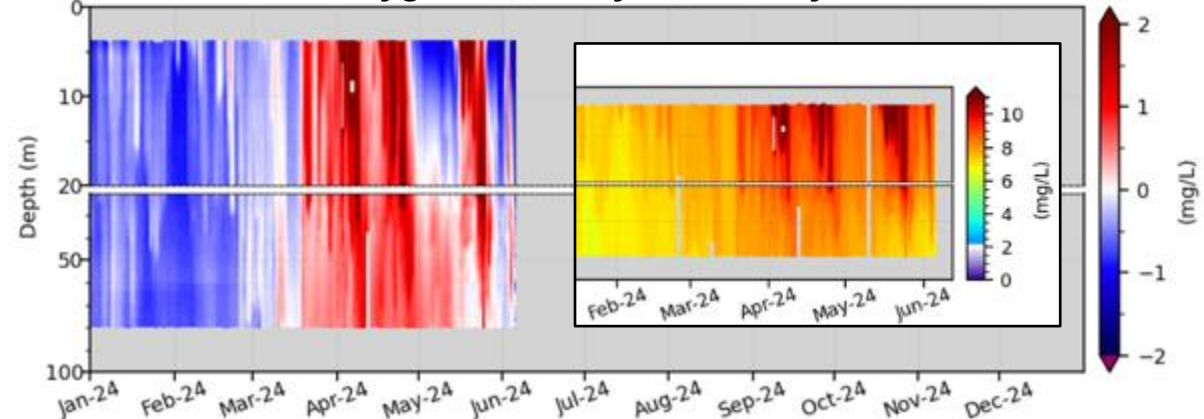


Oxygen Anomalies

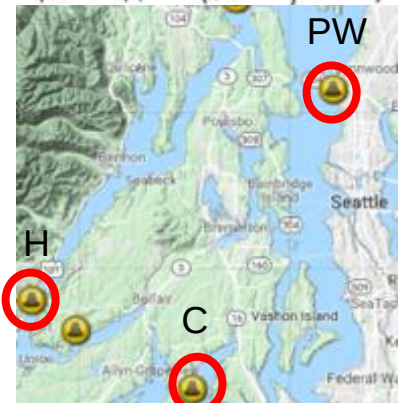
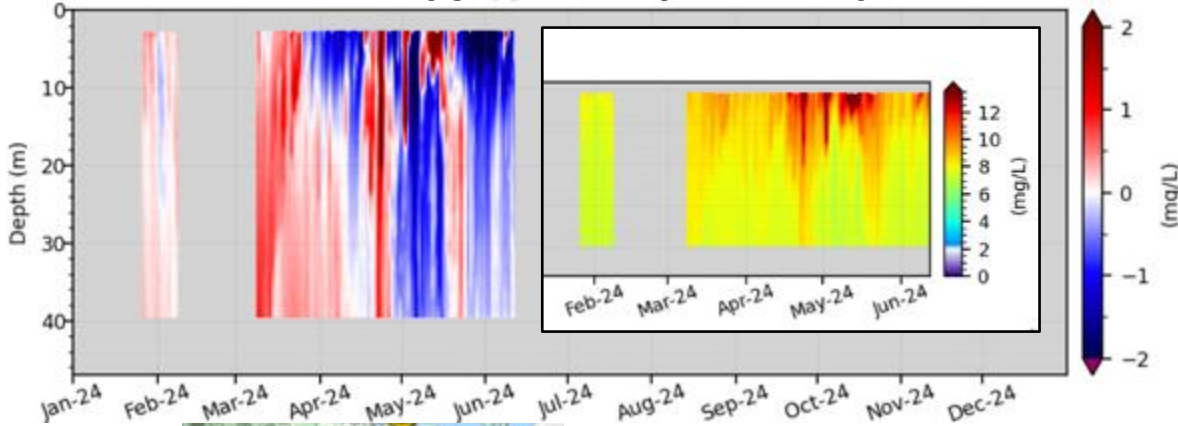
Hoodsport Oxygen Anomaly, 2024, 14 years



Point Wells Oxygen Anomaly, 2024, 14 years



Carr Inlet Oxygen Anomaly, 2024, 14 years



March 2024

OSU MODIS 2002-2012



April 2024

OSU MODIS 2002-2012

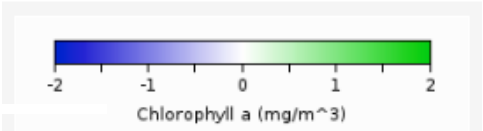


May 2024

OSU MODIS 2002-2012



Chlorophyll



Oregon officials close entire coast to mussel harvesting due to shellfish poisoning

Oregon authorities have closed the state's entire coastline to mussel harvesting due to an outbreak of shellfish poisoning they described as "unprecedented."

By Associated Press

June 1, 2024 at 8:39 p.m. EDT

Biotoxin affects shellfish harvesting in Oregon, Washington

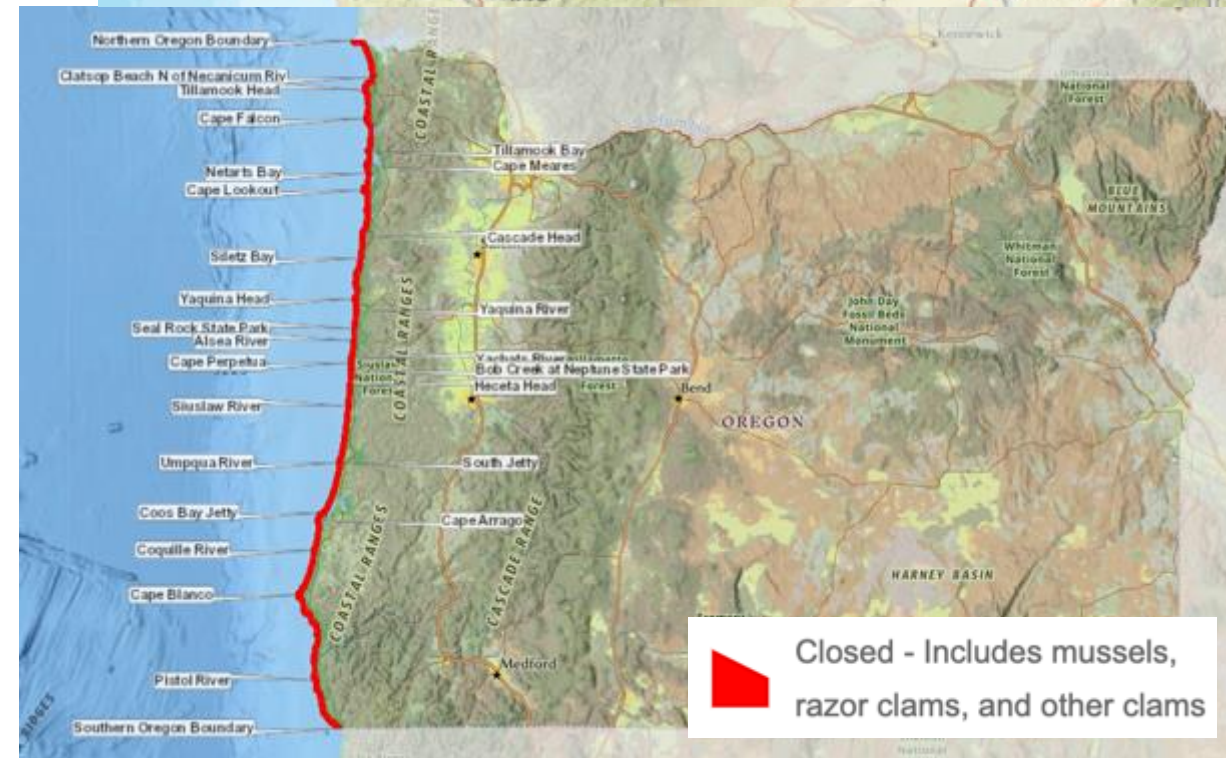
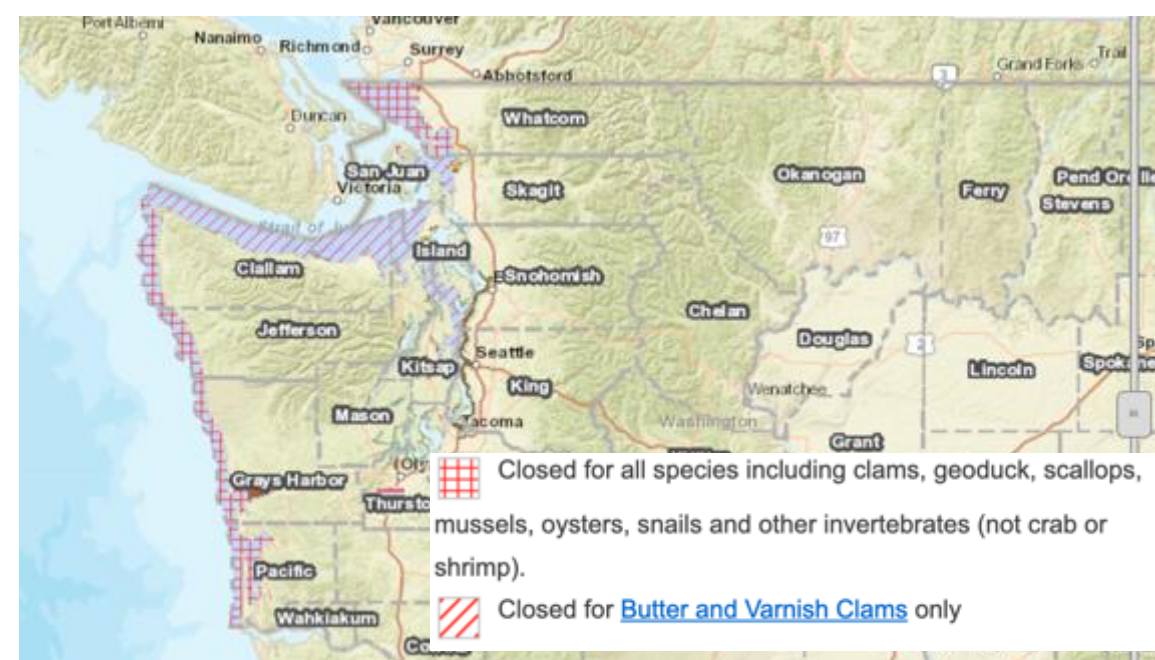


By **Elizabeth Castillo** (OPB)

May 31, 2024 3:53 p.m.

Mussels gathered on northern Oregon Coast have sickened at least 20

Anyone who gathered mussels from beaches near Seaside and Oceanside is asked to toss them out due to cases of paralytic shellfish poisoning.





To summarize:

Coastal conditions

- El Niño continues to weaken; no MHWs along the coast; transition to neutral/La Niña predicted.
- Offshore WA NDBC coastal buoy shows average T; inshore buoys show average to below average.

Waves

- Average wave conditions with some storms.

Puget Sound

- Temperature and salinity anomalies continue warm and salty with some cooler temperature anomalies at the surface.

Chlorophyll & HABs

- Satellite shows mostly lower than average ocean color values March and May, some blooms in April.
- Major PSP event on Oregon Coast, shellfish harvesting closures on OR and WA coasts.
- Domoic acid has been present, but relatively low.



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