



Drought Information Statement for Western Washington

Valid May 10, 2024

Issued By: NWS Seattle, WA

Contact Information:

- This product will be updated by June 3, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/sew/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.

- [STATEWIDE DROUGHT EMERGENCY](#) in effect (see link)
- Low snowpack conditions; low water supply outlook; warm, dry weather outlook are main reasons



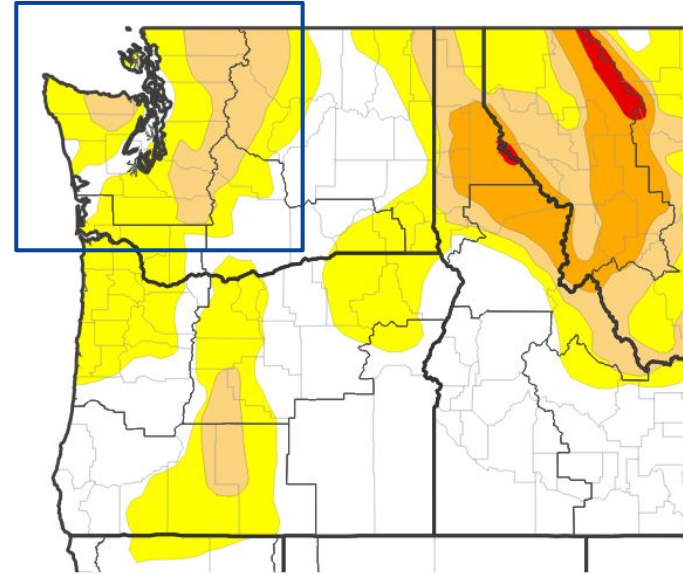


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for western Washington

- Drought intensity and Extent
 - **D1 (Moderate Drought)**: North and central Cascades, Olympic Mountains
 - **D0: (Abnormally Dry)**: Much of the Olympic Peninsula, most of the rest of the Cascades and western foothills

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 05/07/24

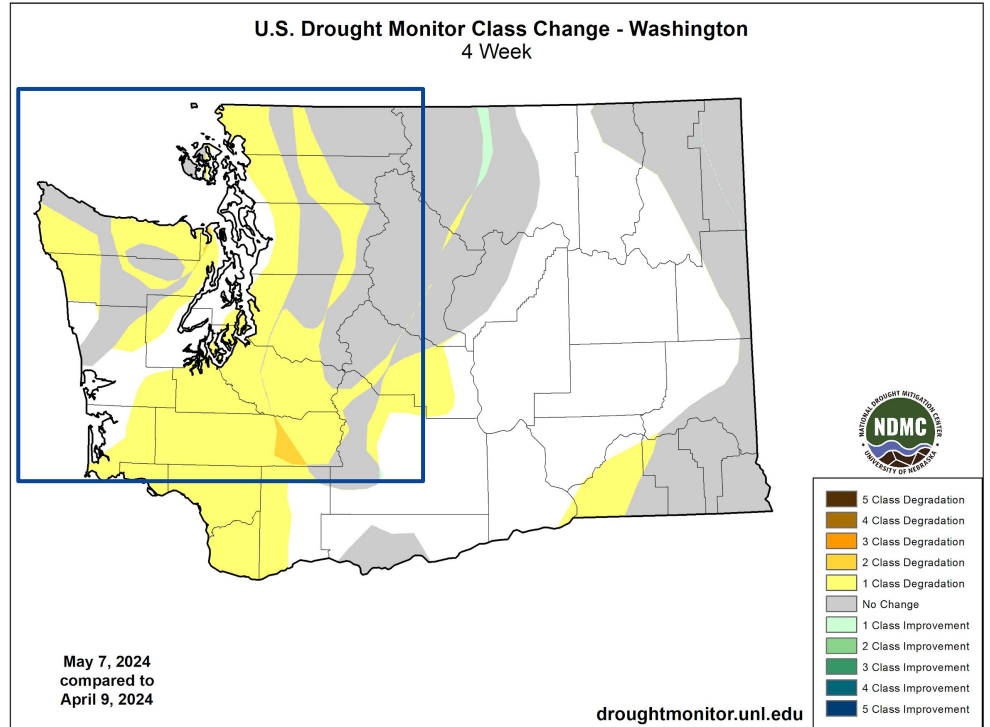




Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for western Washington

- Four Week Drought Monitor Class Change.
 - Drought Worsened: D1 and D0 areas have expanded along the Puget Sound and the southern part of western Washington



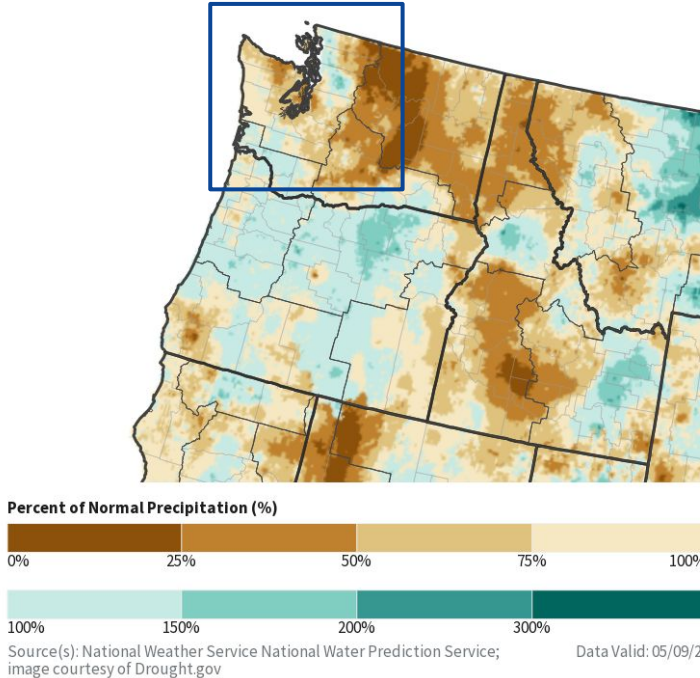


Precipitation

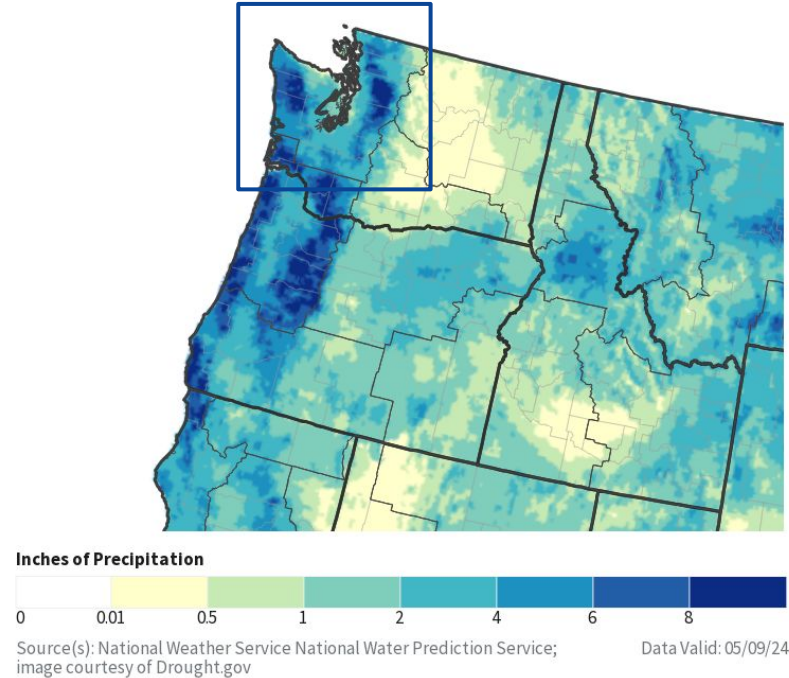
Last 30 days

- While western Washington had rainfall over the last 30-days, it was below to much below normal (25% - 75%)
- 2 to 5 inches of rain have fallen over the lowlands
- 4 to 10 inches of rain have fallen over the Mountains

30-Day Precipitation: Percent of PRISM Normal



NWPS 30-Day Precipitation Accumulations (inches)





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Most streamflows were below to much below normal across most basins in the region ([USGS](#))
- Snowpack conditions are well below normal ([NRCS](#))
- Water supply outlook is for below normal water volumes ([NWS NWRFC](#))

Agricultural Impacts

- There are no known impacts at this time

Fire Hazard Impacts

- There are no known impacts at this time

Other Impacts

- Washington State [Declared Drought Emergency](#) except for limited areas in Seattle, Tacoma and Everett

Mitigation Actions

- Ecology is making funds available in drought response grants to qualifying public entities
- Water conservation urged. Individual use of water [conservation habits](#)
- Please refer to your municipality and/or water provider for mitigation information.





Hydrologic Conditions and Impacts

- River basin snowpack water equivalent was generally 50% to 60% of normal and ranged from 41% to 81%
- NWRFC water supply forecasts for April through September were 60% to 85% of normal, with half of the locations below 75%

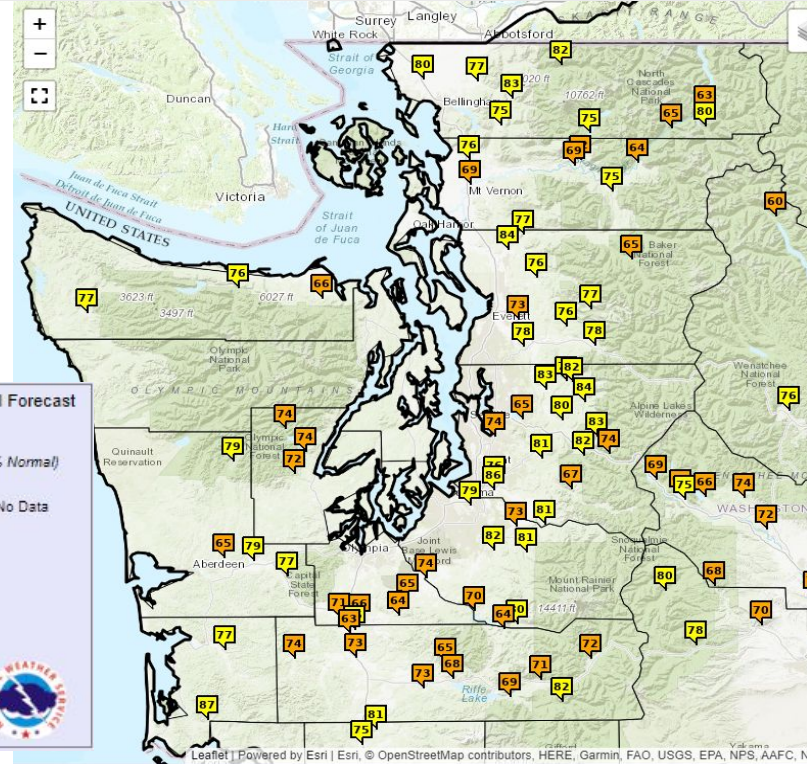
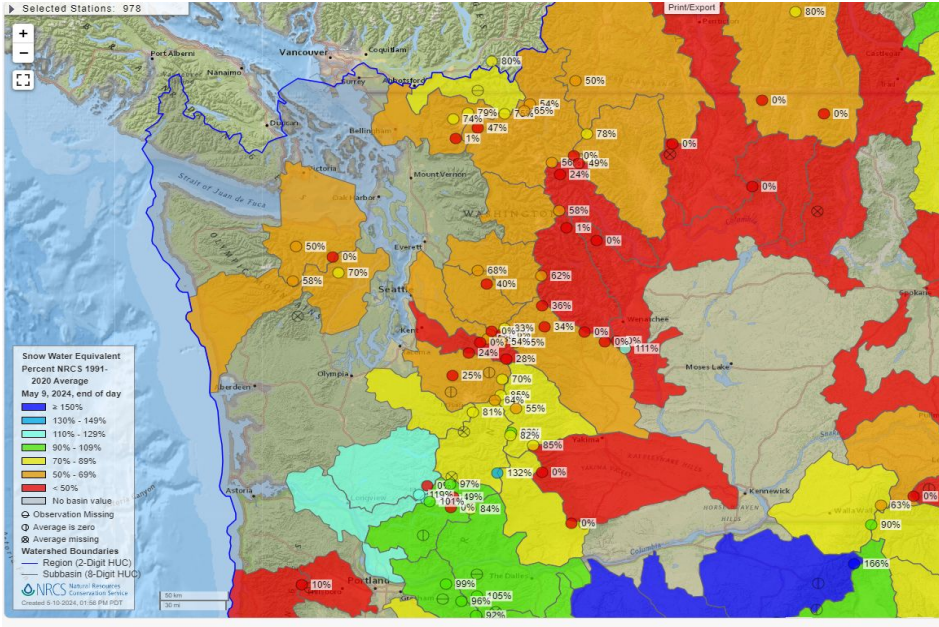


Figure Caption: NWRFC [ESP Natural Forecast for](#) Western Washington for May 10, 2024

Figure Caption: [NRCS SWE for](#) Washington for May 9, 2024



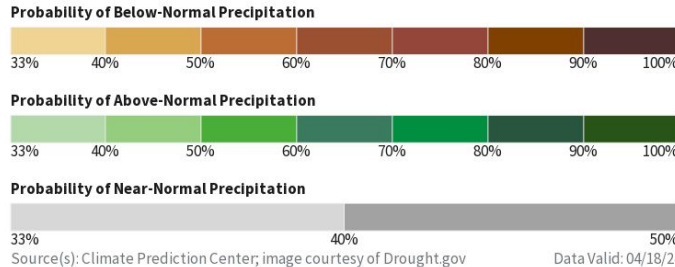
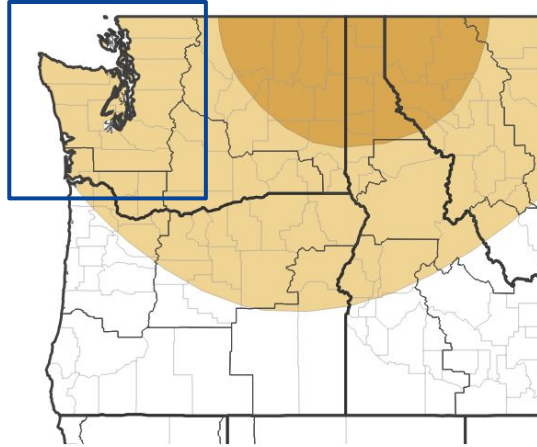


Long-Range Outlooks

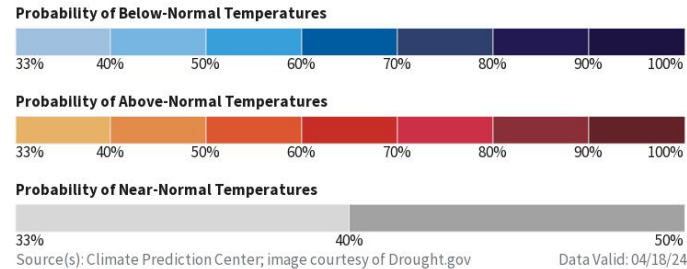
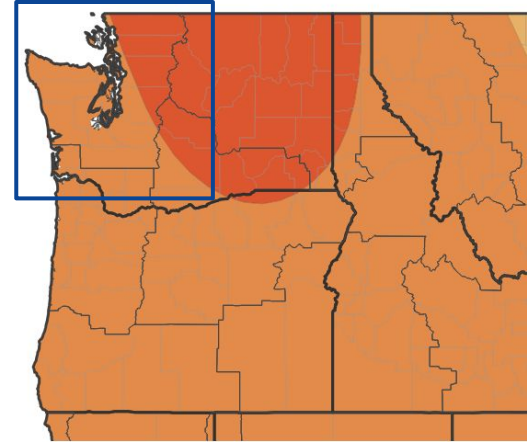
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- May through July Outlooks
- Odds lean towards below normal precipitation on average
- Odds lean toward above normal temperatures on average

Seasonal (3-Month) Precipitation Outlook



Seasonal (3-Month) Temperature Outlook

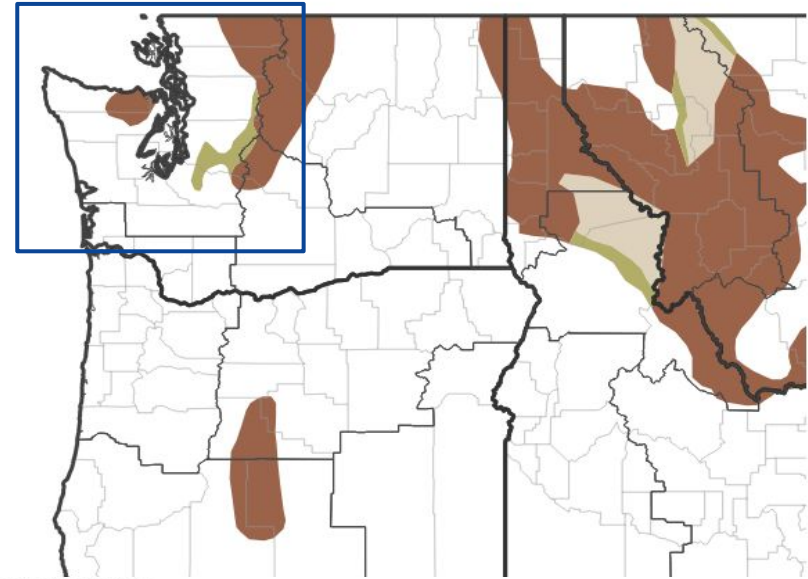




Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought expected to persist or worsen



Drought Is Predicted To...



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released April 18, 2024 valid for May 1, 2024 - July 31, 2024

