



**USDA Natural Resources Conservation Service  
Snow Survey and Water Supply Forecasting Program**

**Washington  
Water Supply Availability Committee**

May 8, 2025

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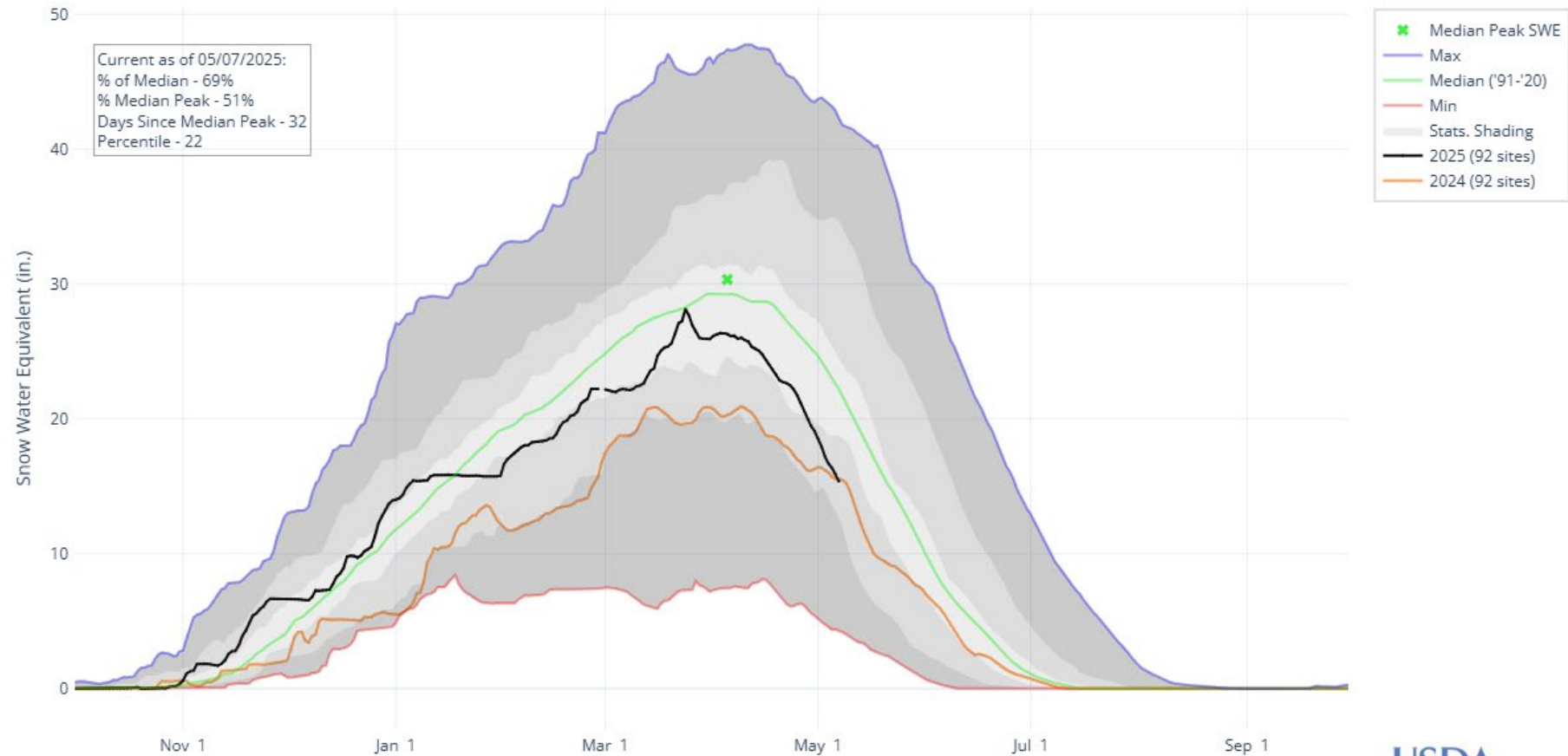


# Snowpack Conditions

# Statewide Snowpack

## Profile for Snow Water Equivalent

SNOW WATER EQUIVALENT IN STATE OF WASHINGTON



Statewide Snowpack:  
**69% of Normal**

Percentile: 22

Median date for peak snowpack:  
**Apr. 5**

WY 2025 peak snowpack:  
**Mar. 24**



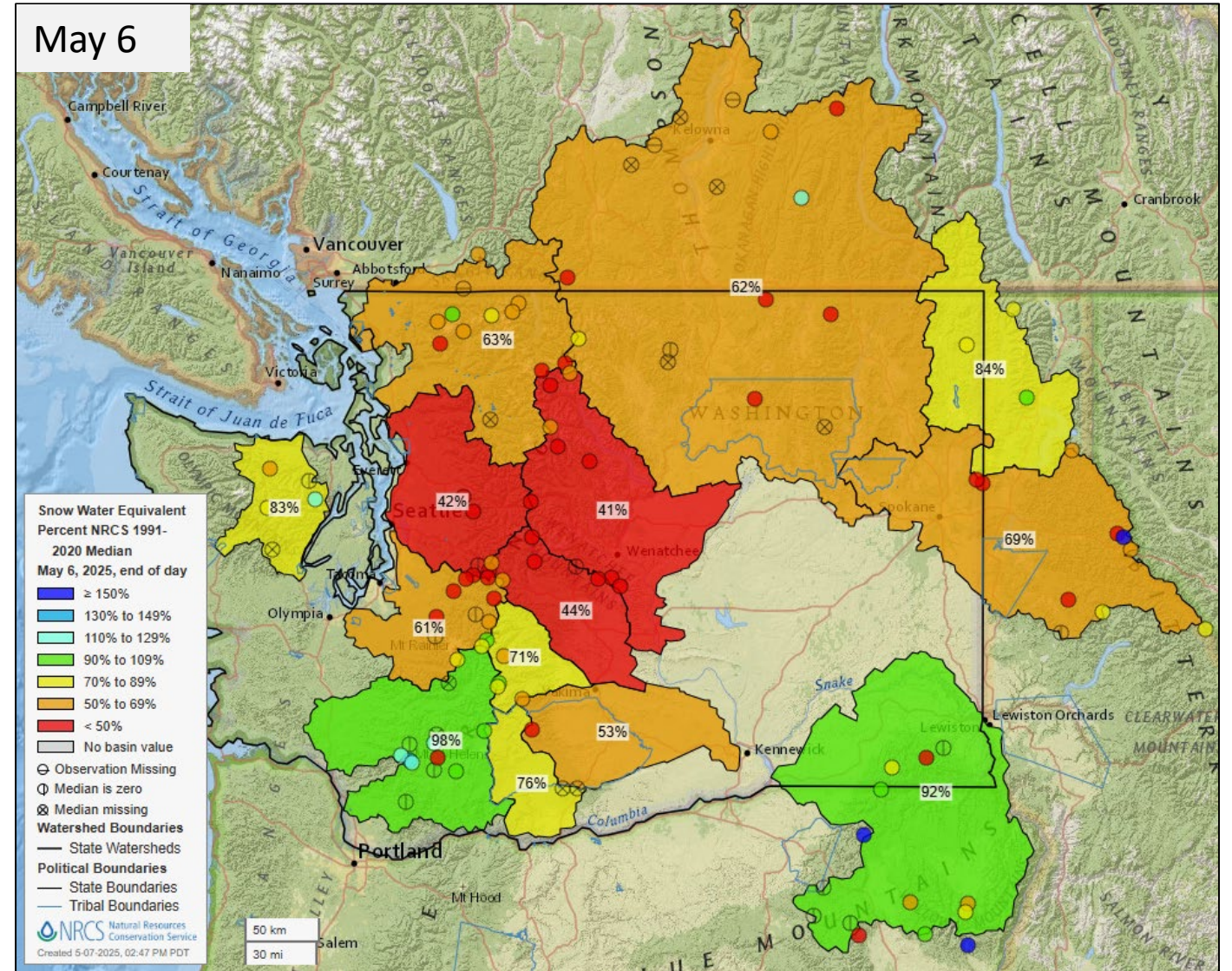
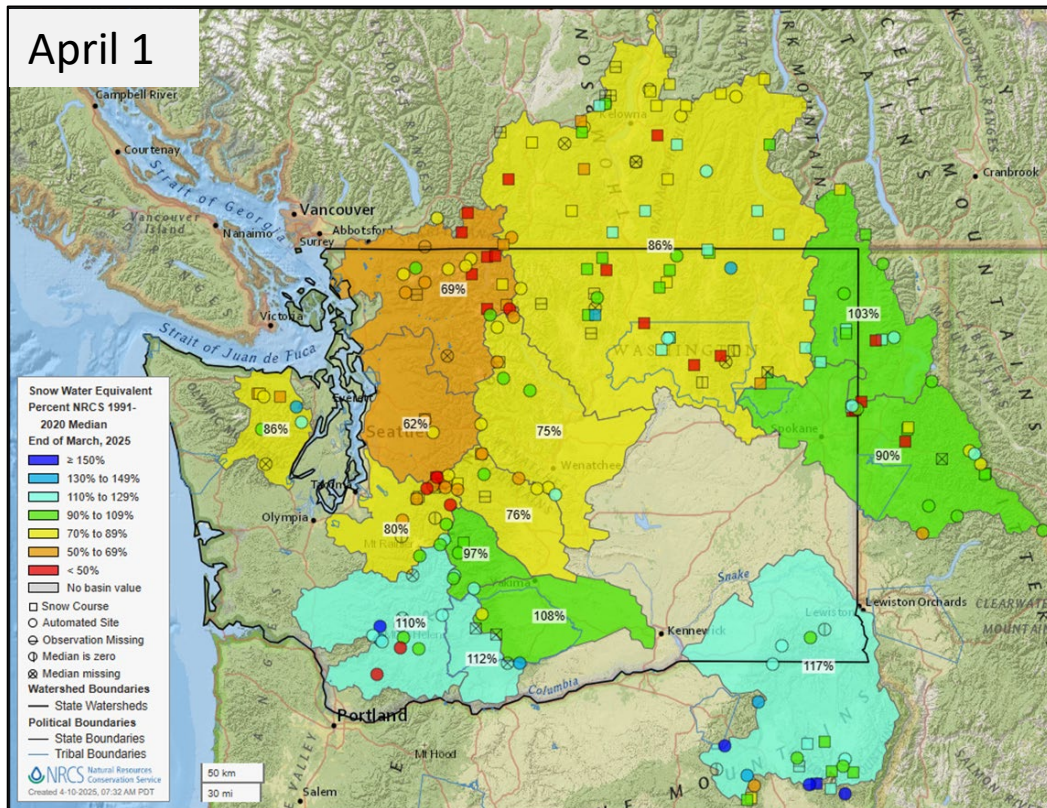
# Record/Near-Record Melting in April





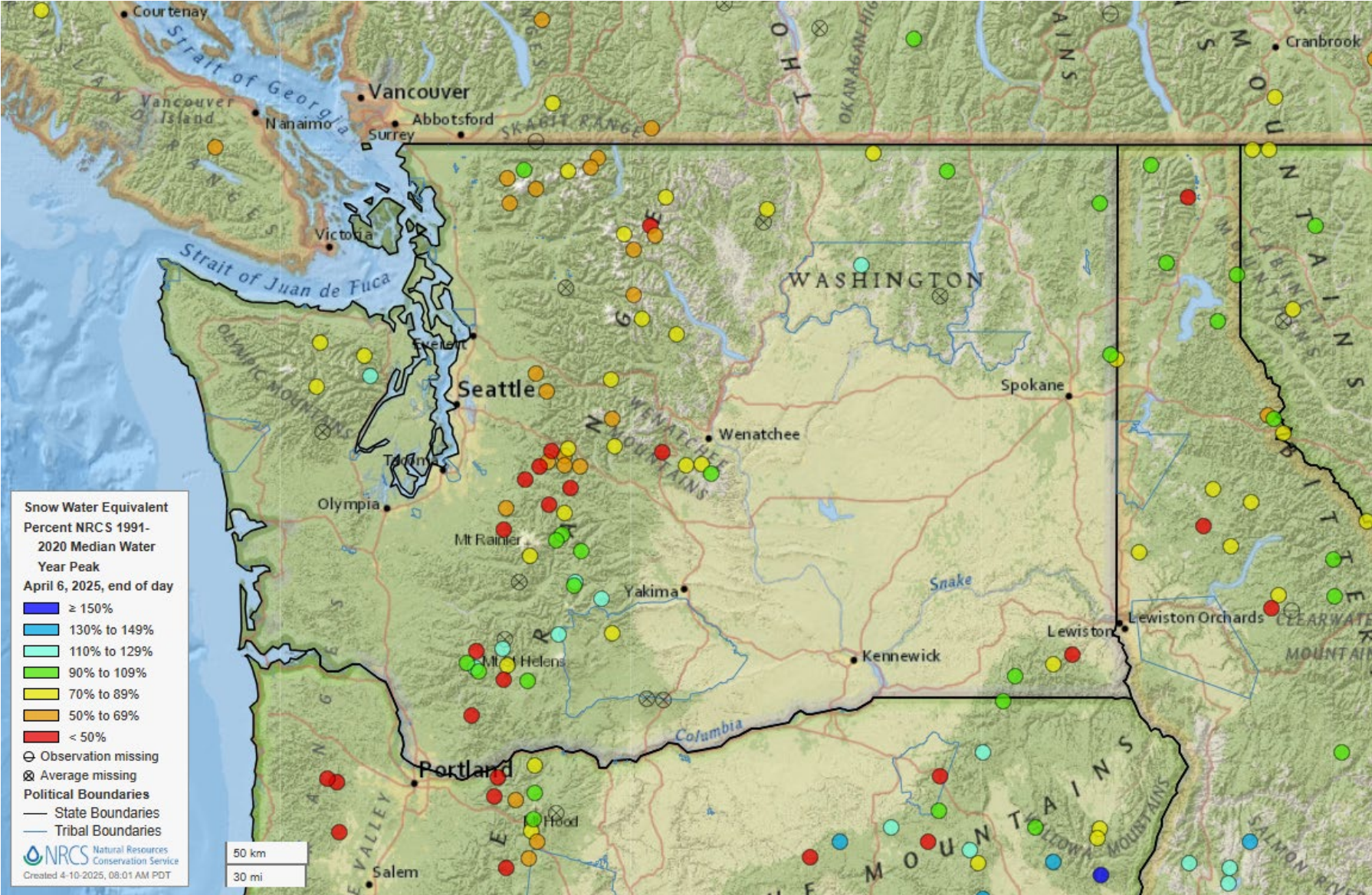
# Snowpack in Washington

## Basin & Site Map





# Water Year Peak Snowpack





# Melt out: Median (1991-2020) Departure





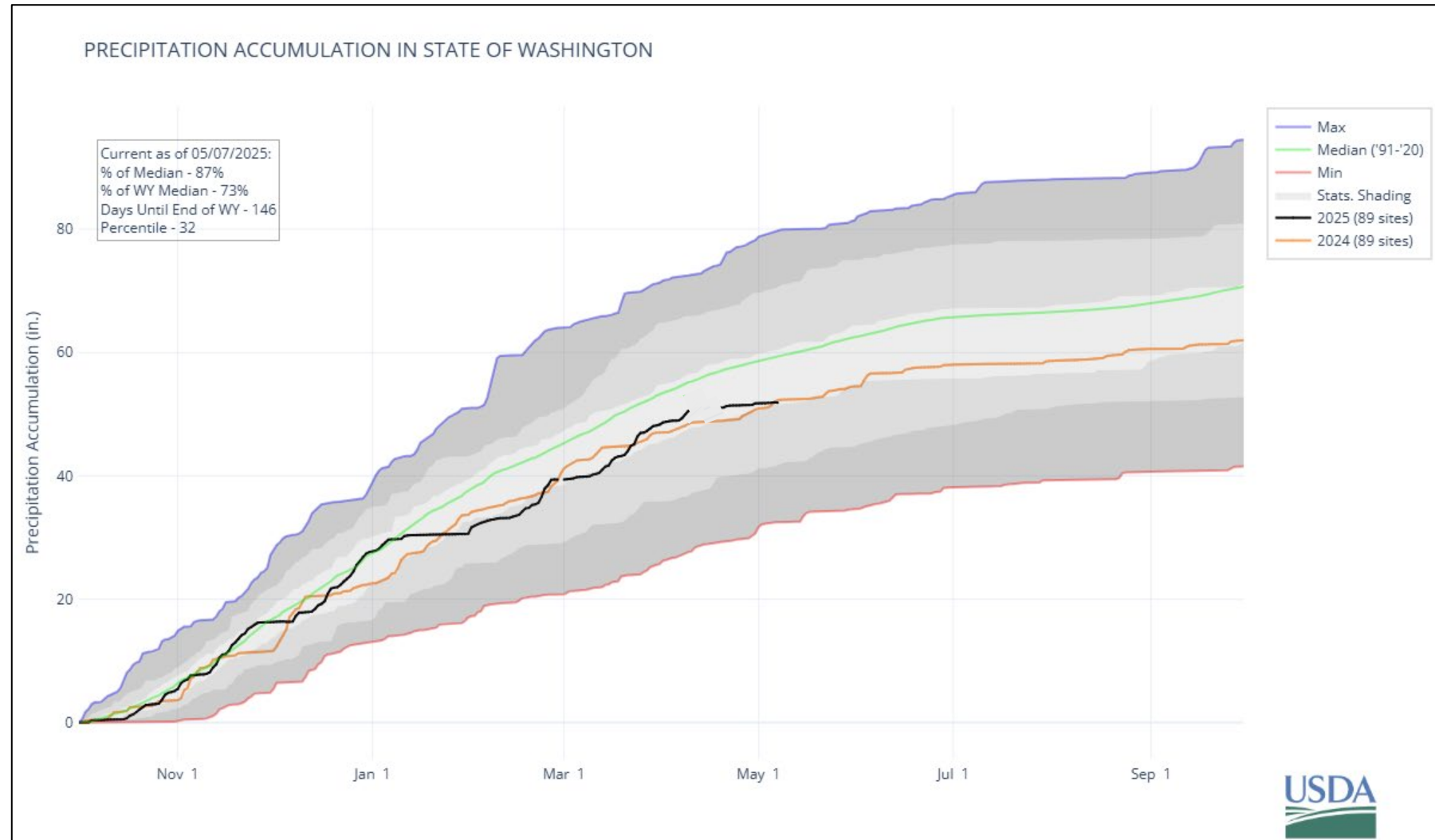
# Precipitation Conditions



# Statewide WYTD Precipitation

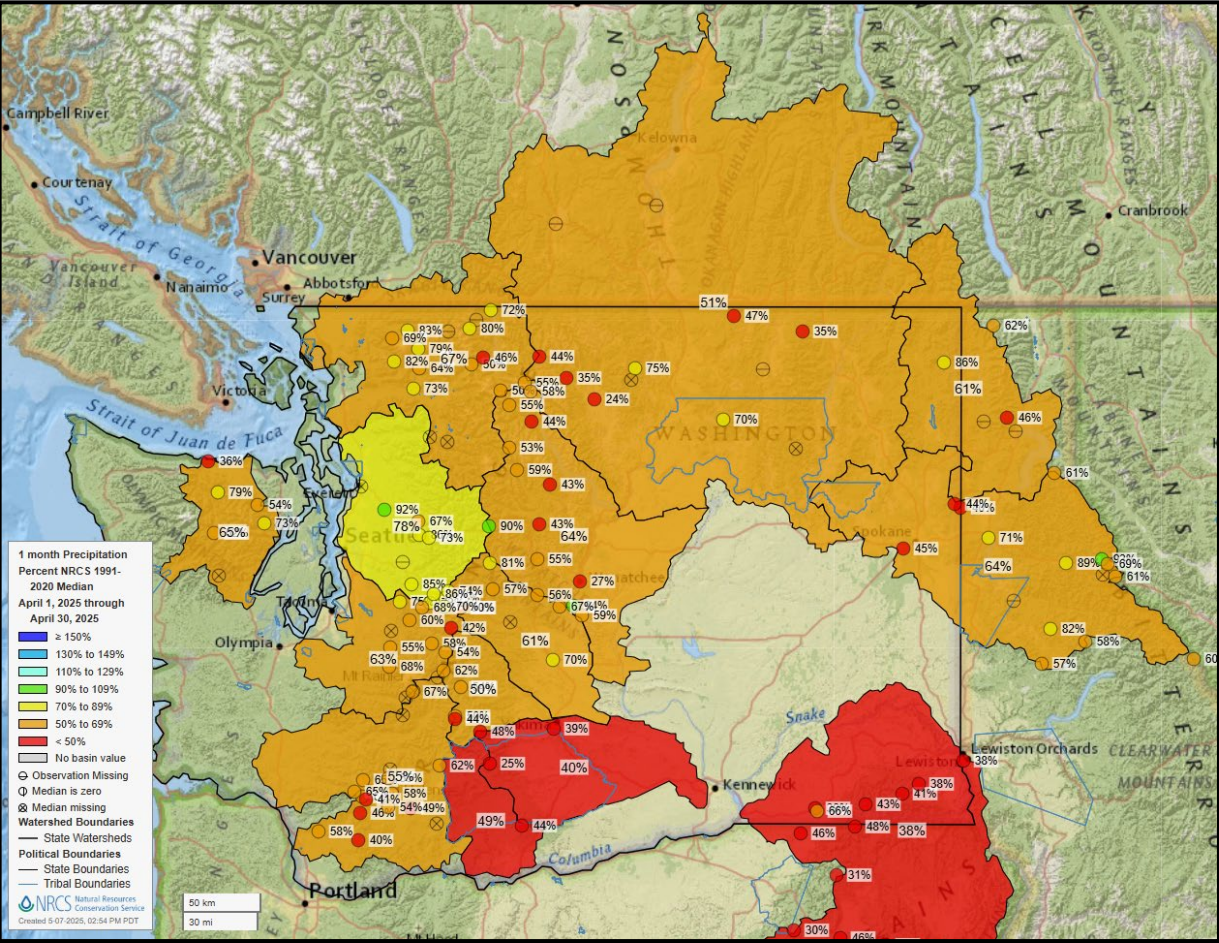
Statewide WYTD Precipitation:  
**87%** of normal

**32** – percentile (normal period)



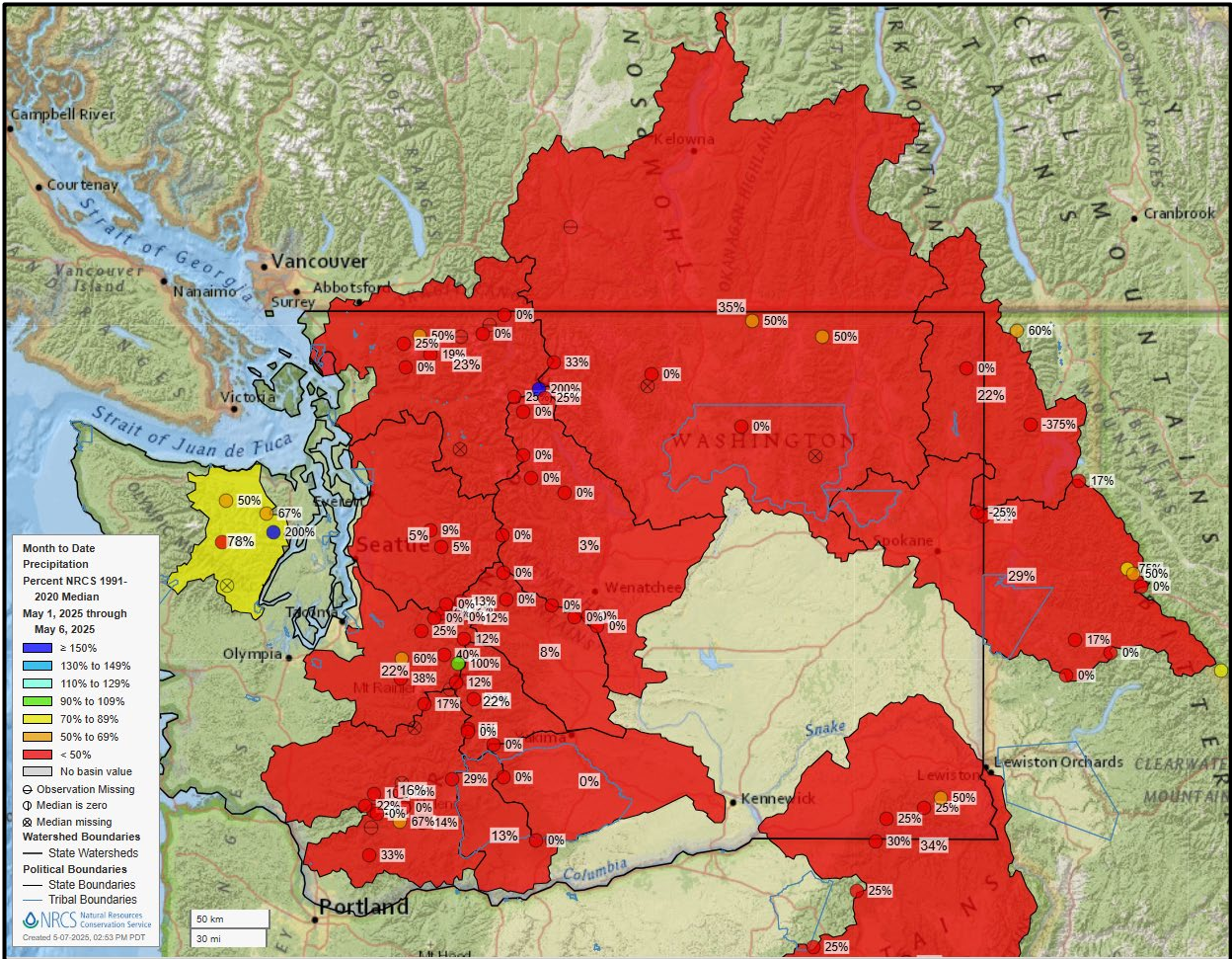


# Month-to-Date Precipitation



April

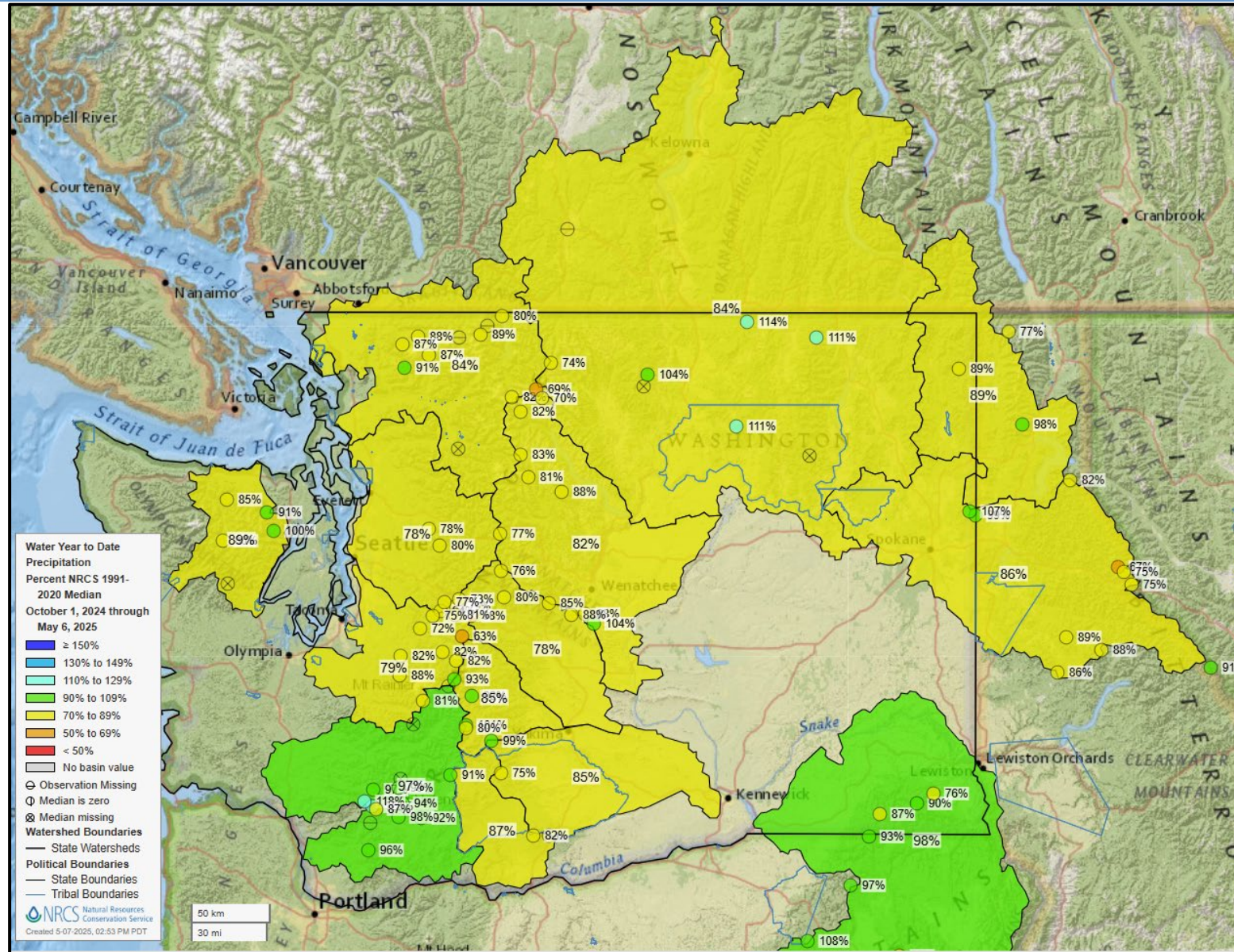
## Month-to-Date





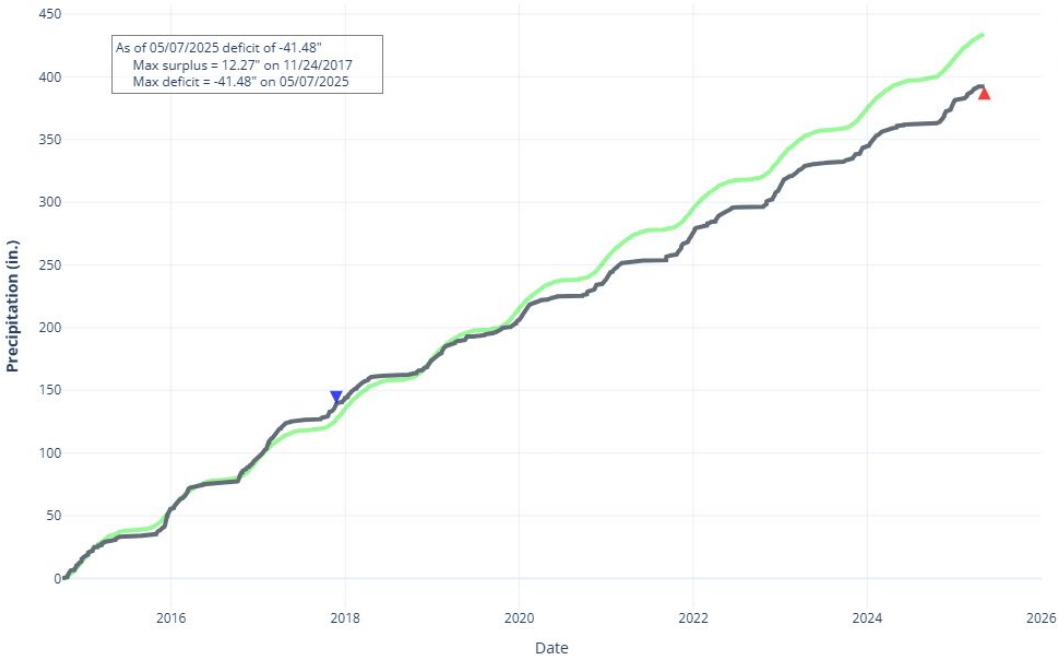
# WYTD Precipitation

Percent of Normal

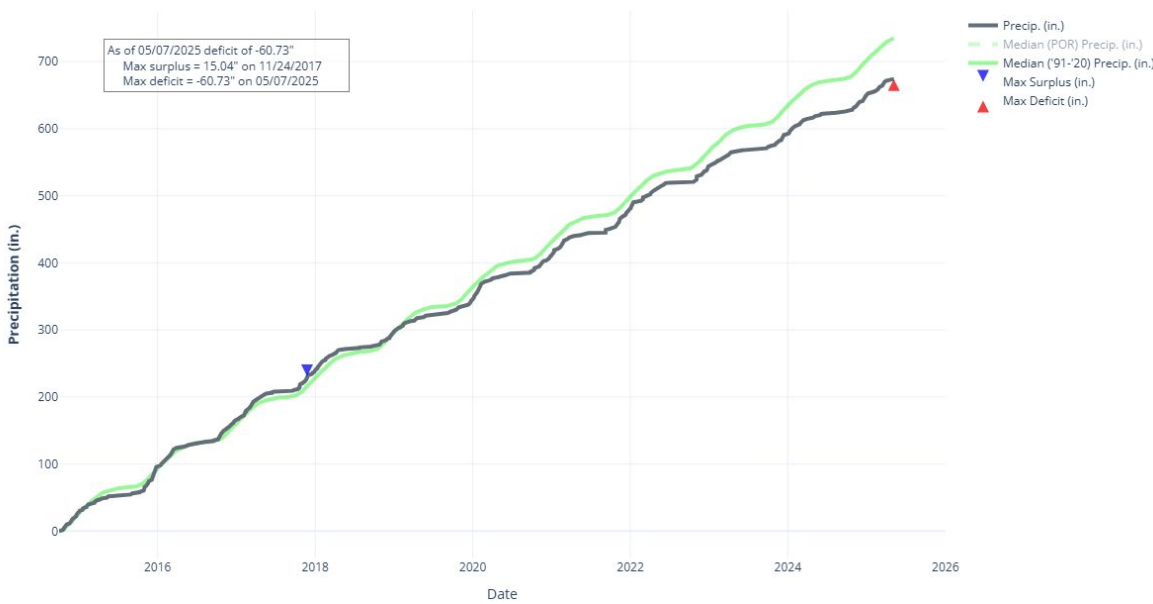


# Compounding Precipitation Deficits: Lower Yakima [Last decade]

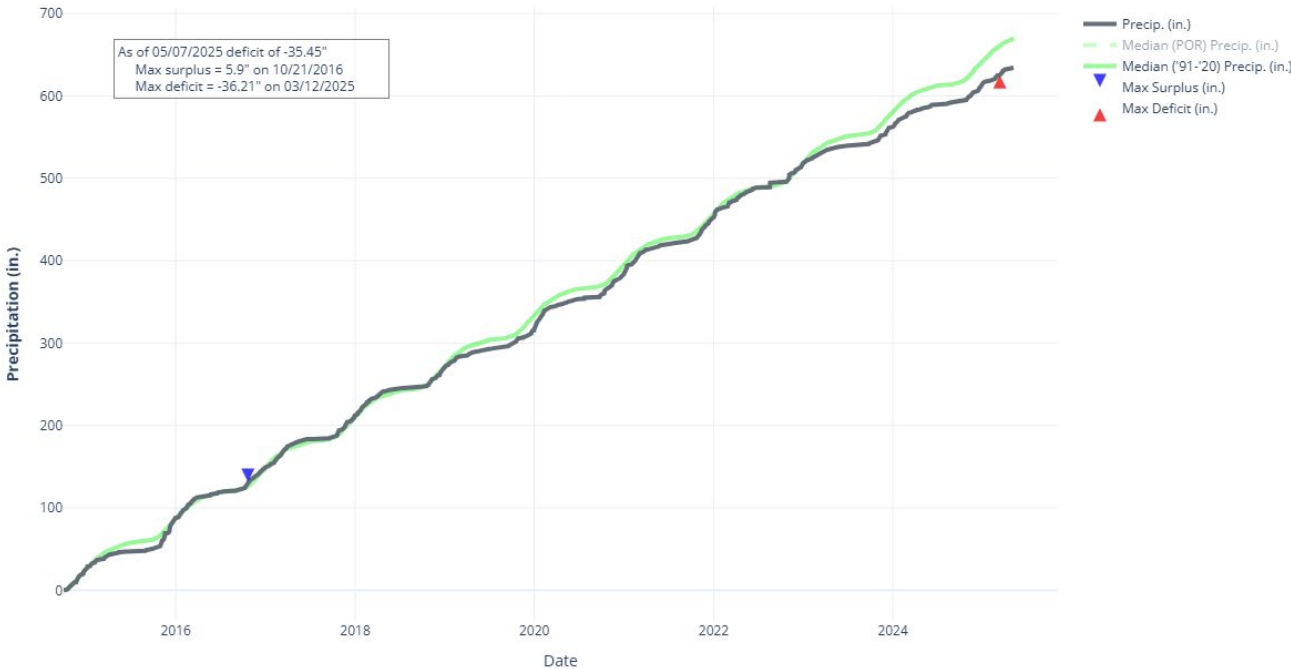
LOWER YAKIMA  
PRECIPITATION FROM OCT 2014 THRU MAY 2025



NACHES  
PRECIPITATION FROM OCT 2014 THRU MAY 2025



UPPER YAKIMA  
PRECIPITATION FROM OCT 2014 THRU MAY 2025





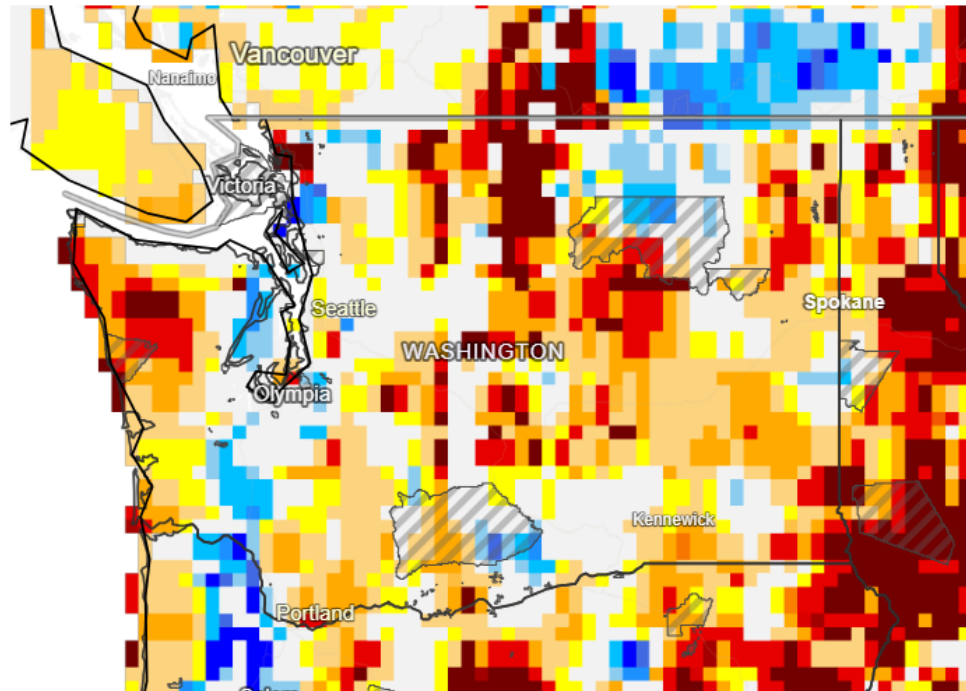


# Soil Moisture

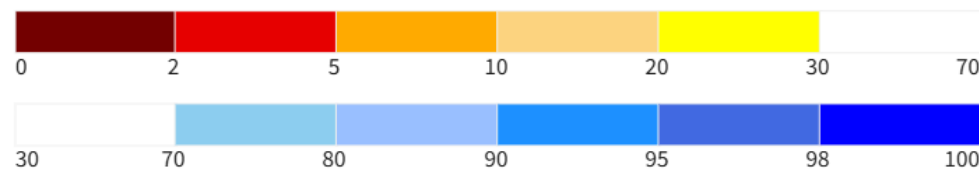
# Soil Moisture

## NASA GRACE and SPoRT-LiS

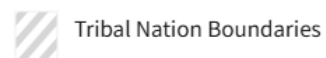
Root Zone



Root Zone Soil Moisture: Wetness Percentile



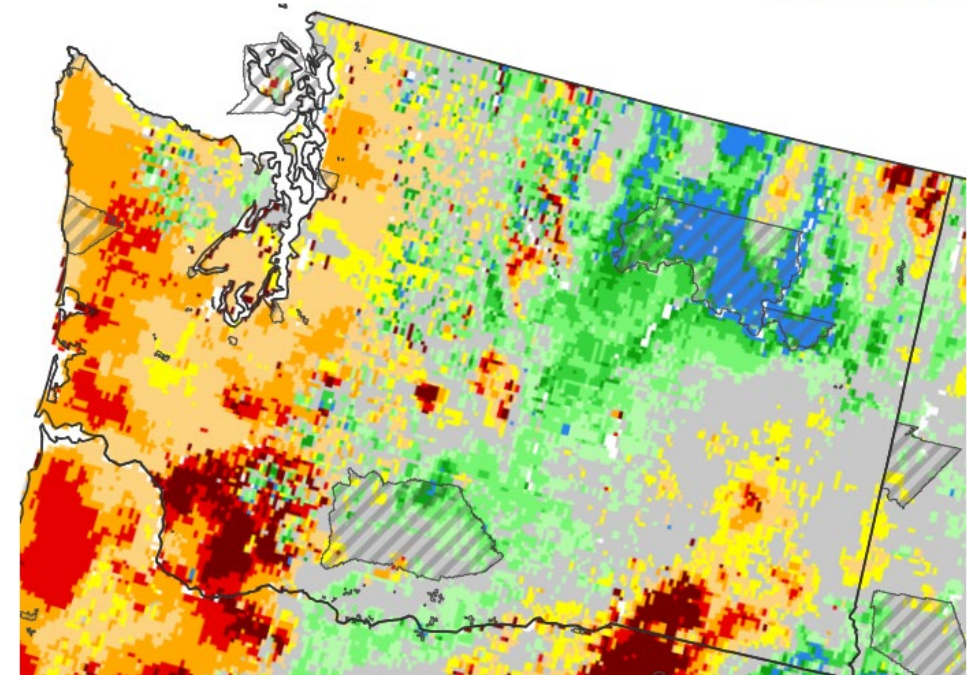
Tribal Nations



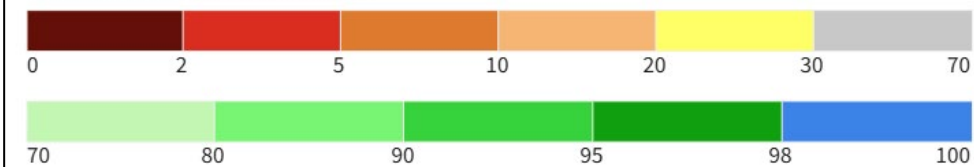
Last Updated: 05/03/25

**Drought.gov**

0-100 cm Soil Moisture Percentile



0-100 cm Soil Moisture Percentile



Tribal Nations



Source(s): NASA  
Data Valid: 05/06/25

**Drought.gov**

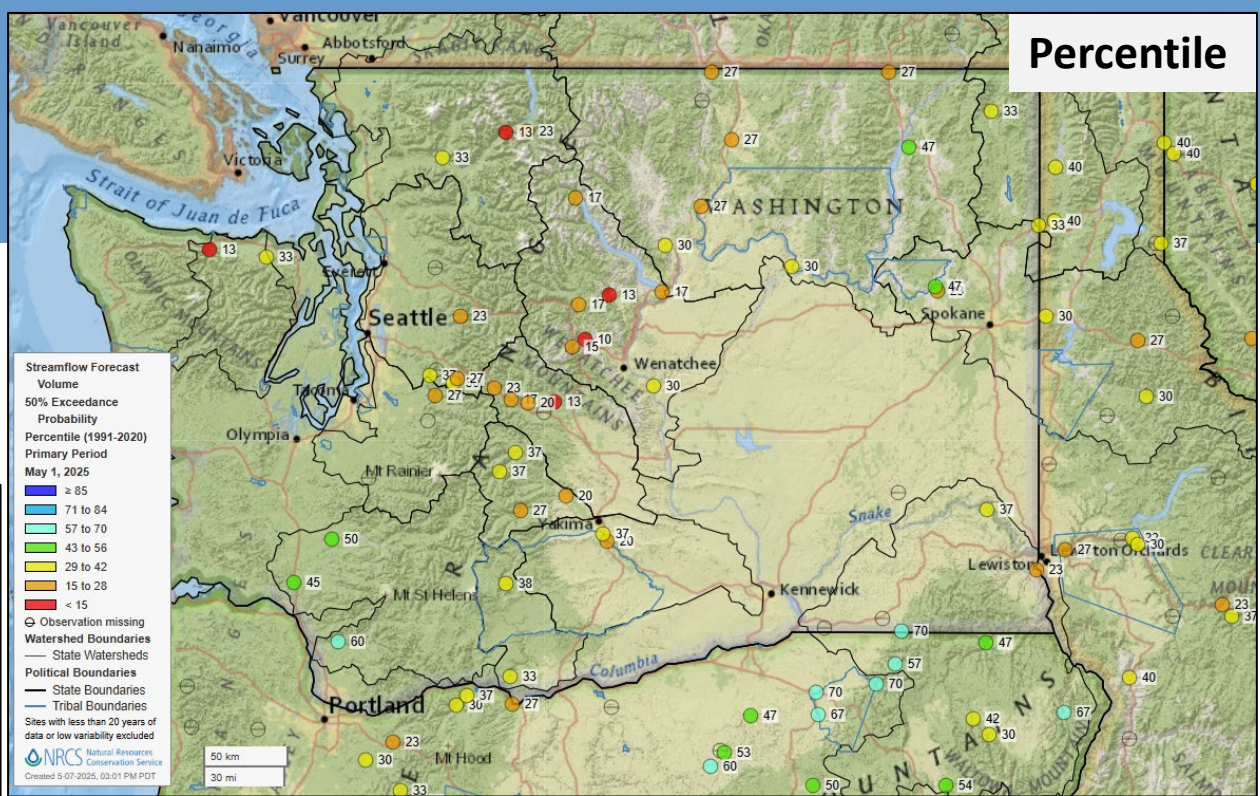
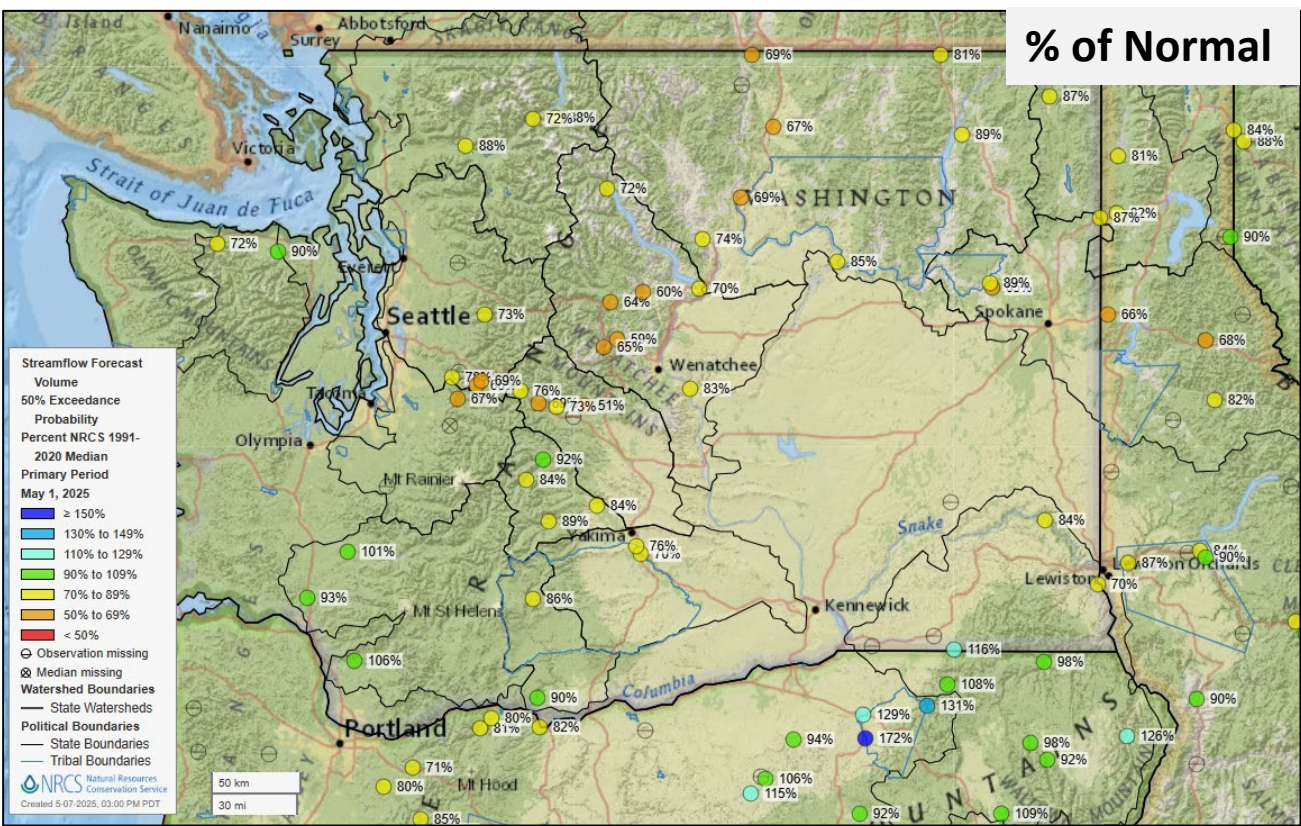




## Water Supply Outlook as of Feb. 1

# Water Supply Forecasts

May 1 (May-July, May-September)





# Thank you!

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[Washington Snow Survey and Water  
Supply Program Website](#)

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