

NWS

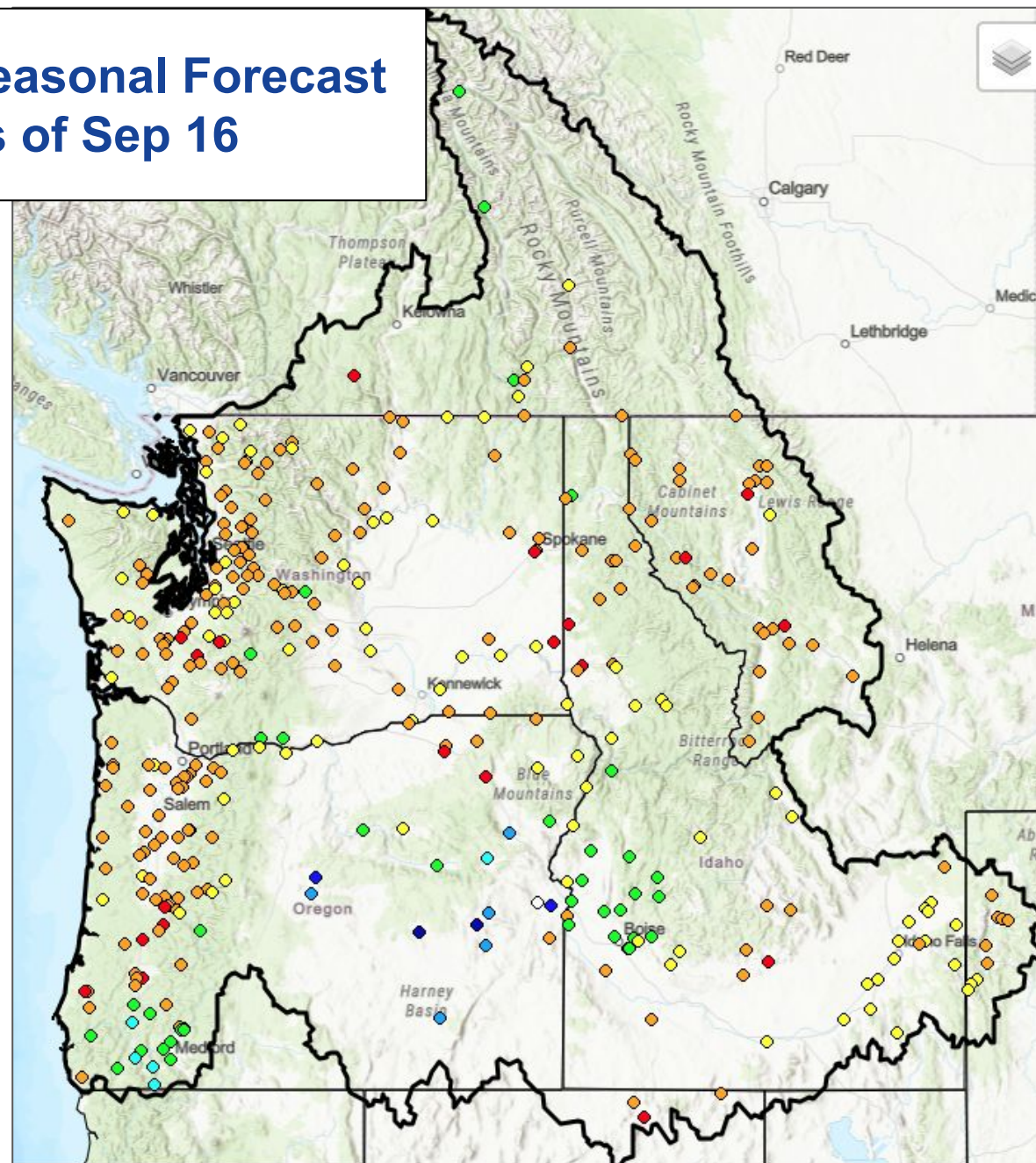
October 2025 Update for River Forecasts

Henry Pai, Sr Hydrologist - Northwest River Forecast Center

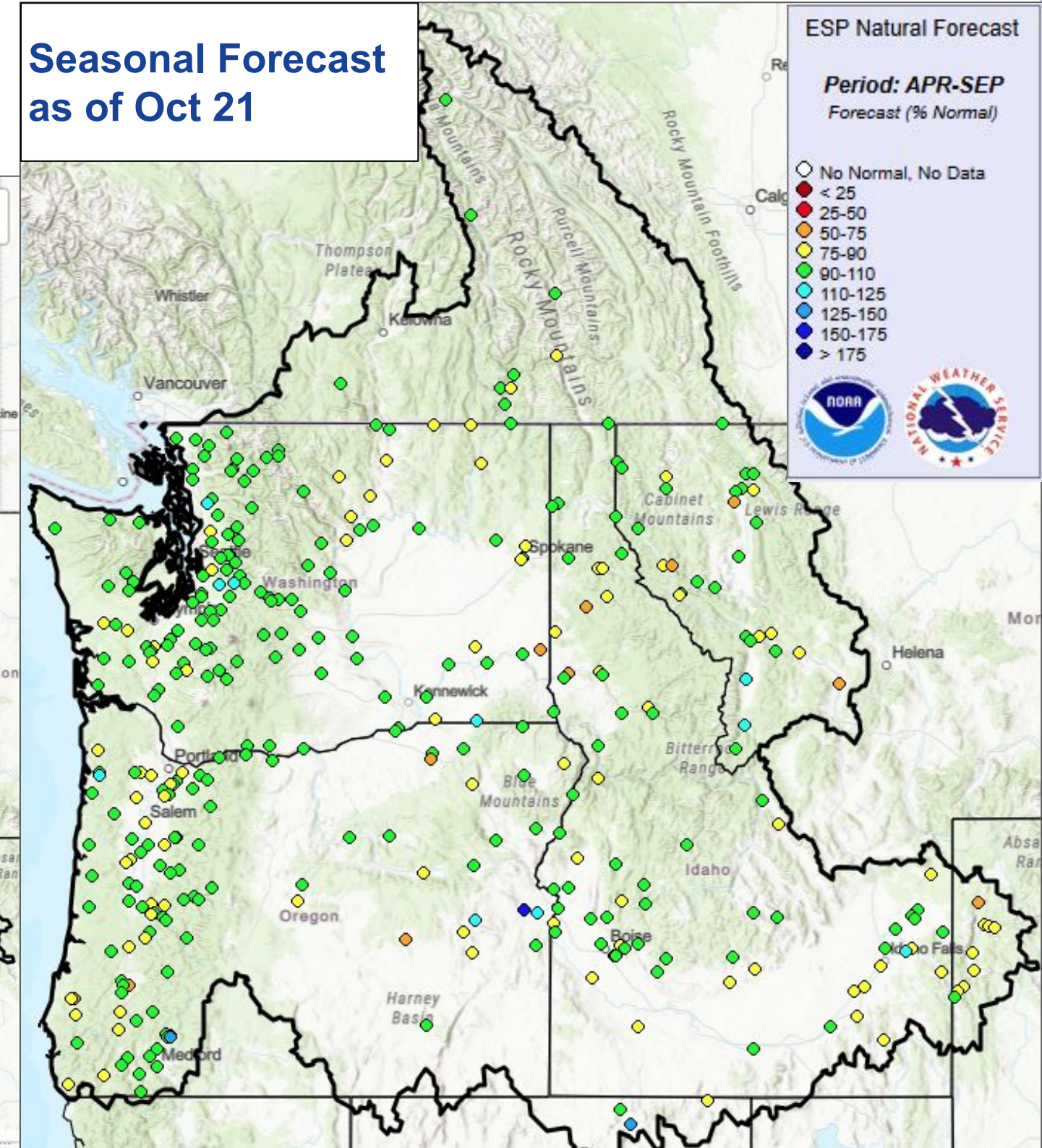
Email : NWRFC.watersupply@noaa.gov

Web : nwrfc.noaa.gov

Seasonal Forecast as of Sep 16



Seasonal Forecast as of Oct 21

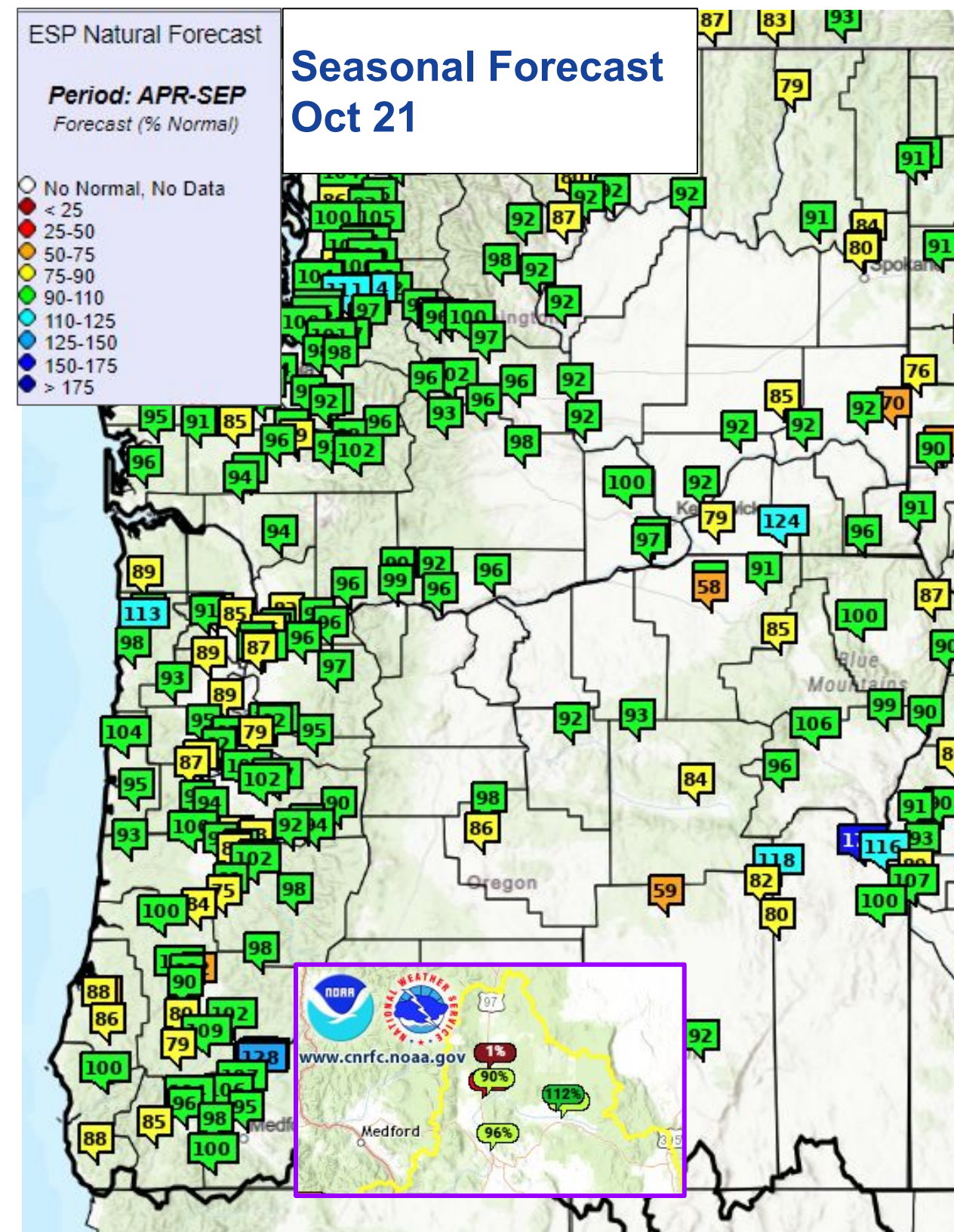
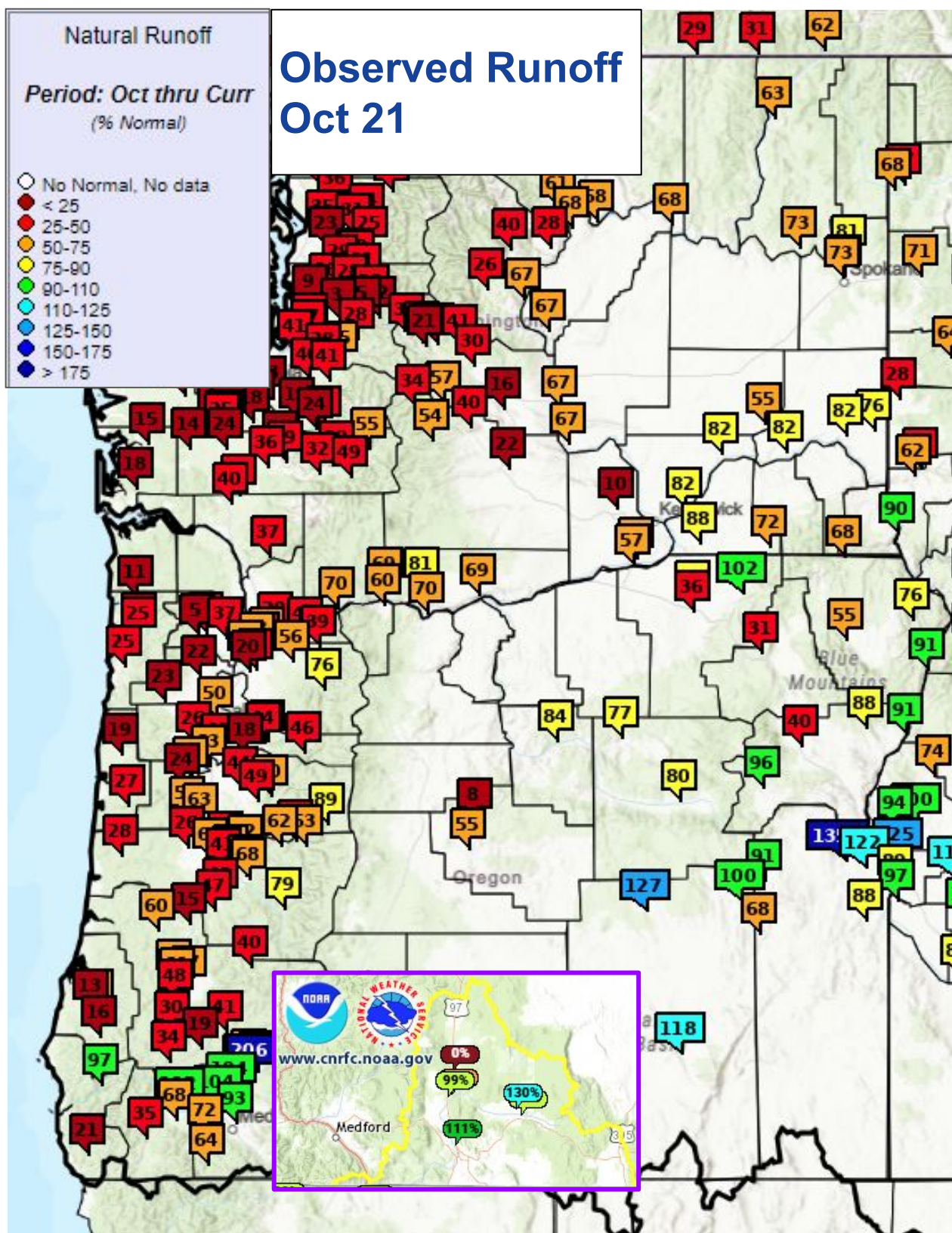


ESP Natural Forecast
Period: APR-SEP
Forecast (% Normal)

- No Normal, No Data
- < 25
- 25-50
- 50-75
- 75-90
- 90-110
- 110-125
- 125-150
- 150-175
- > 175

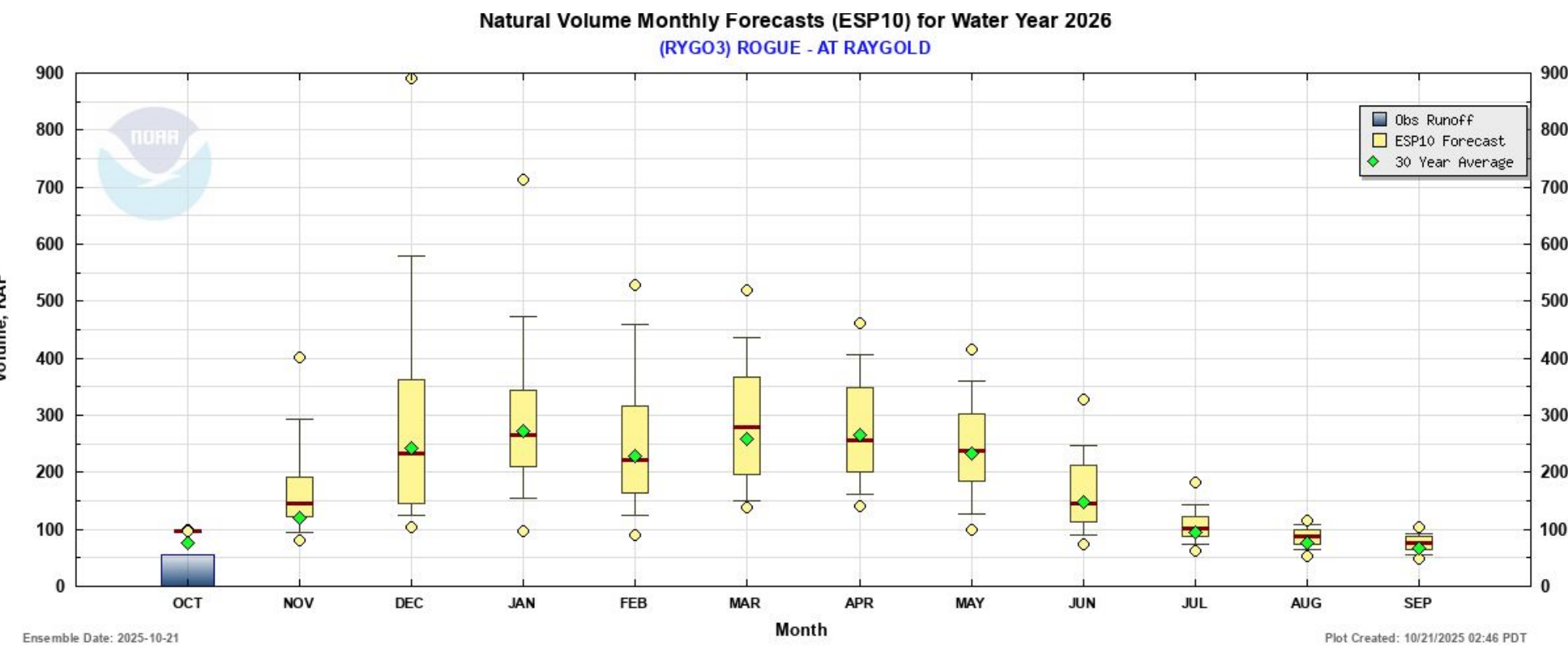
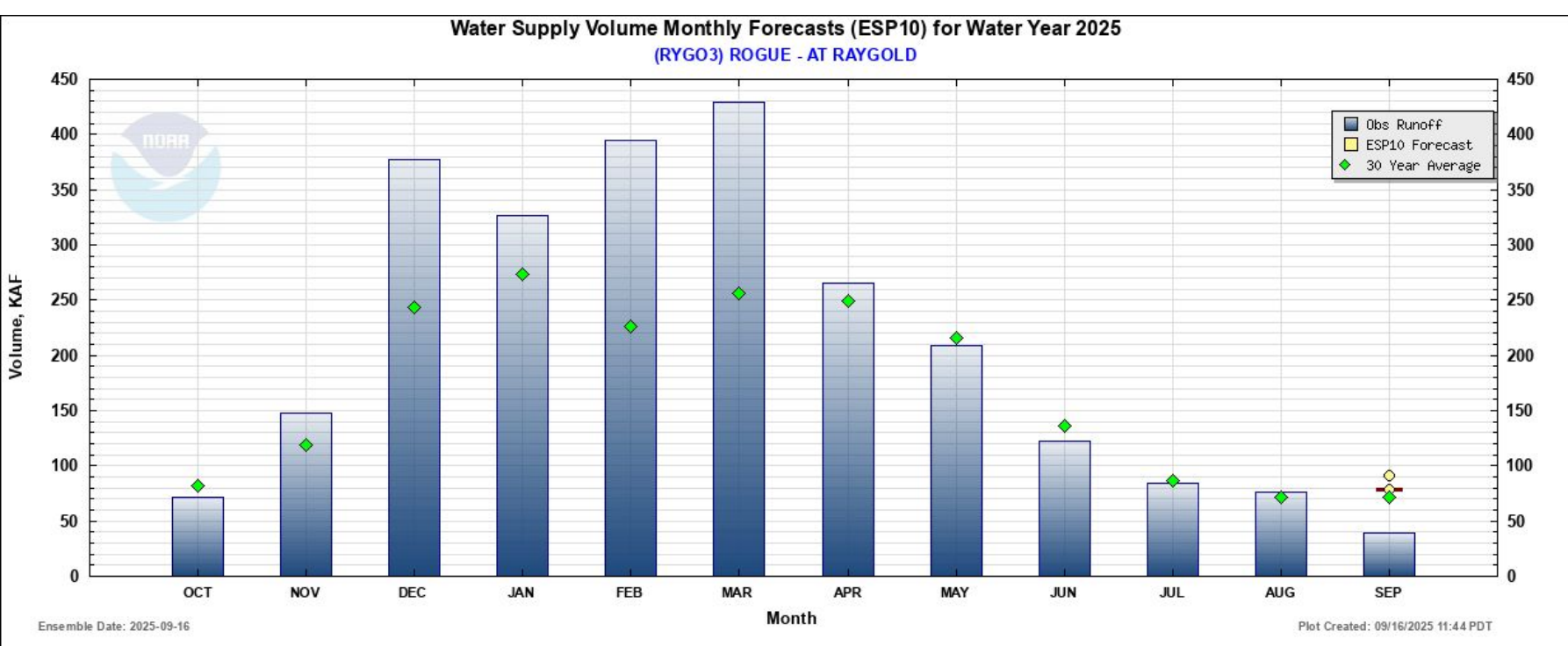
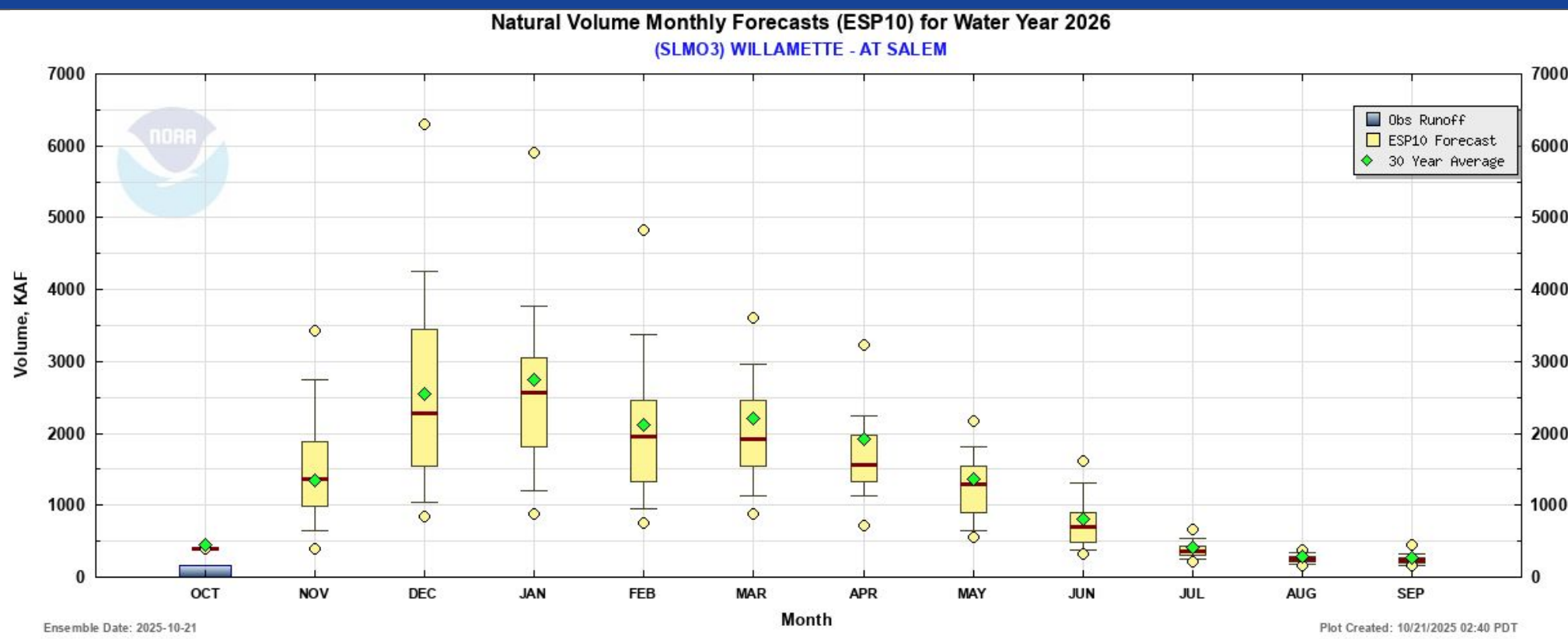
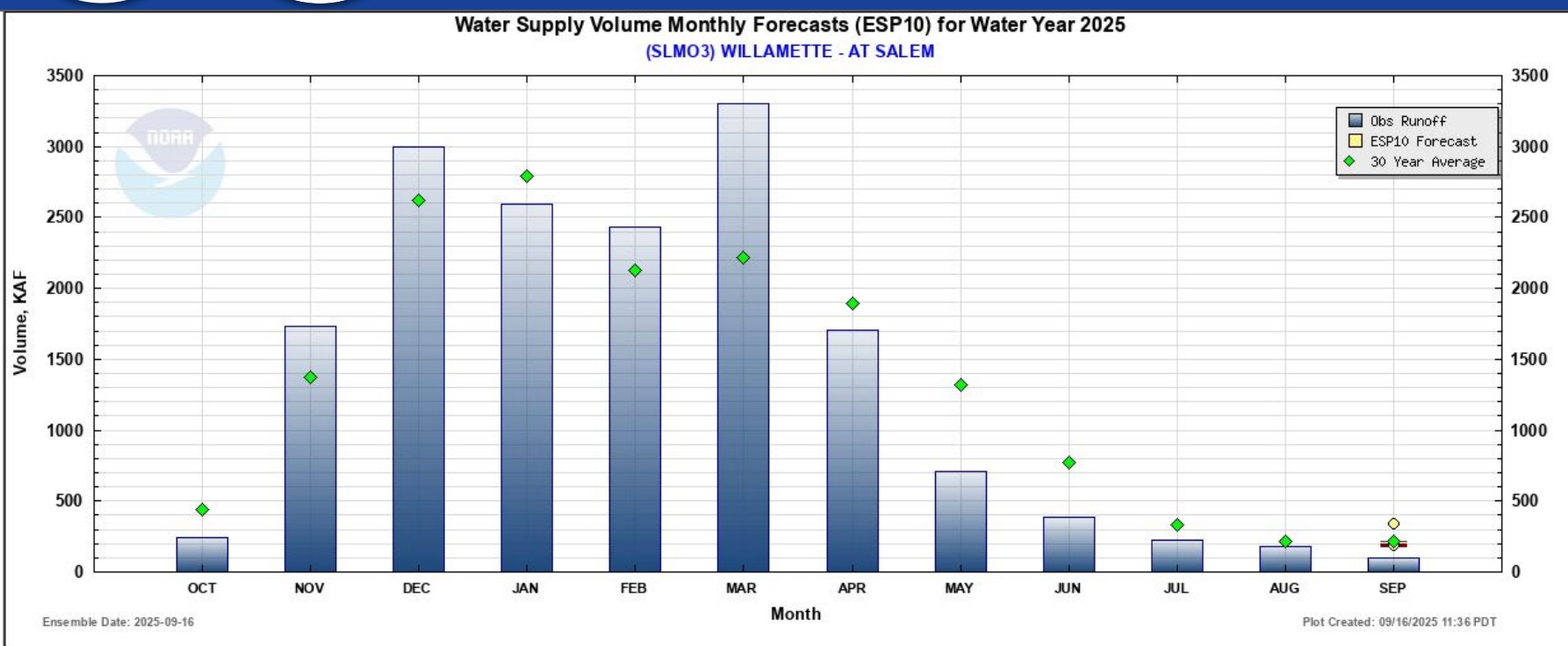


WY Observed Runoff and Apr - Sep Forecasts



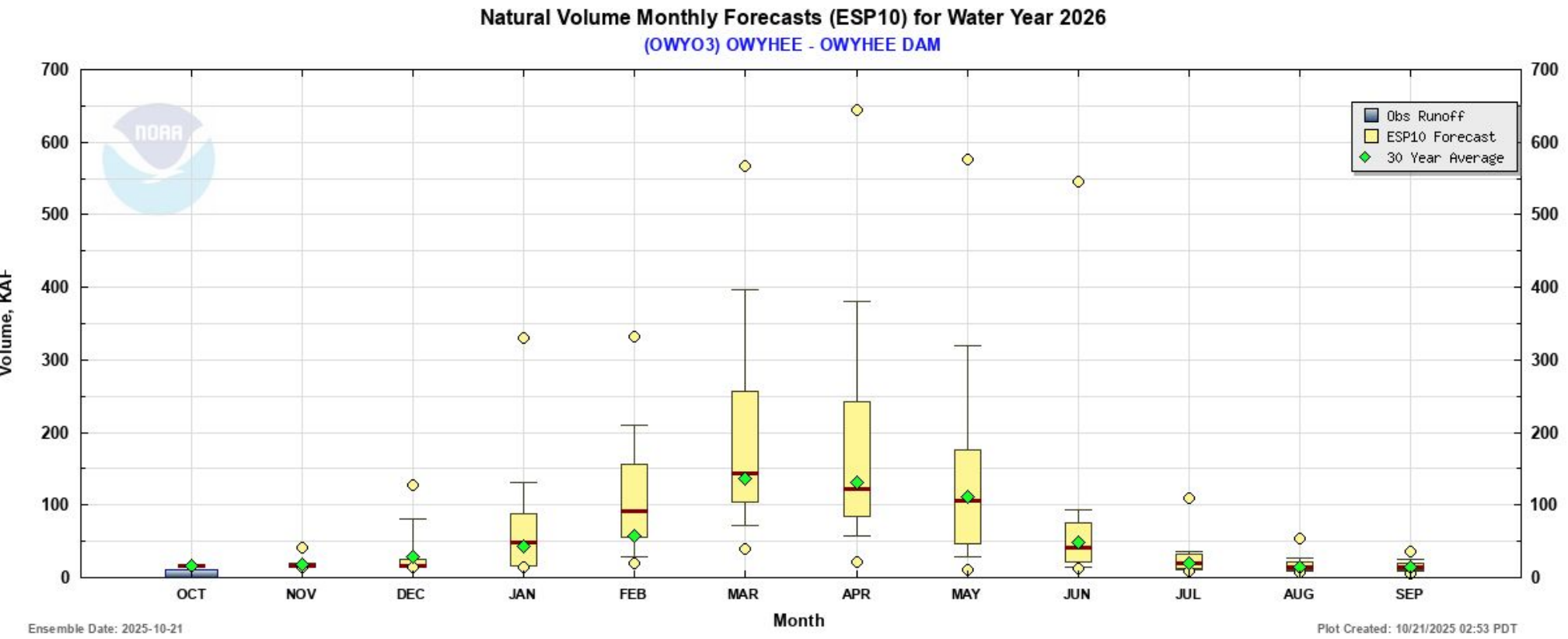
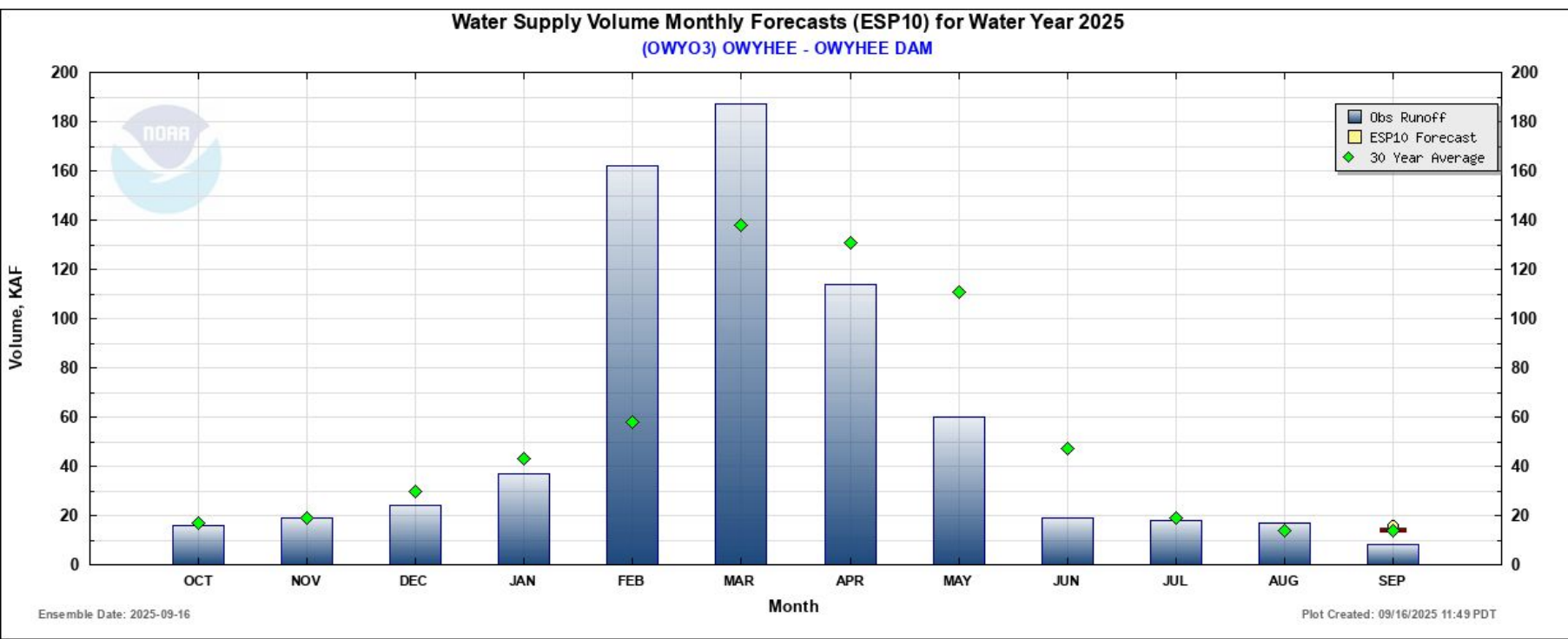
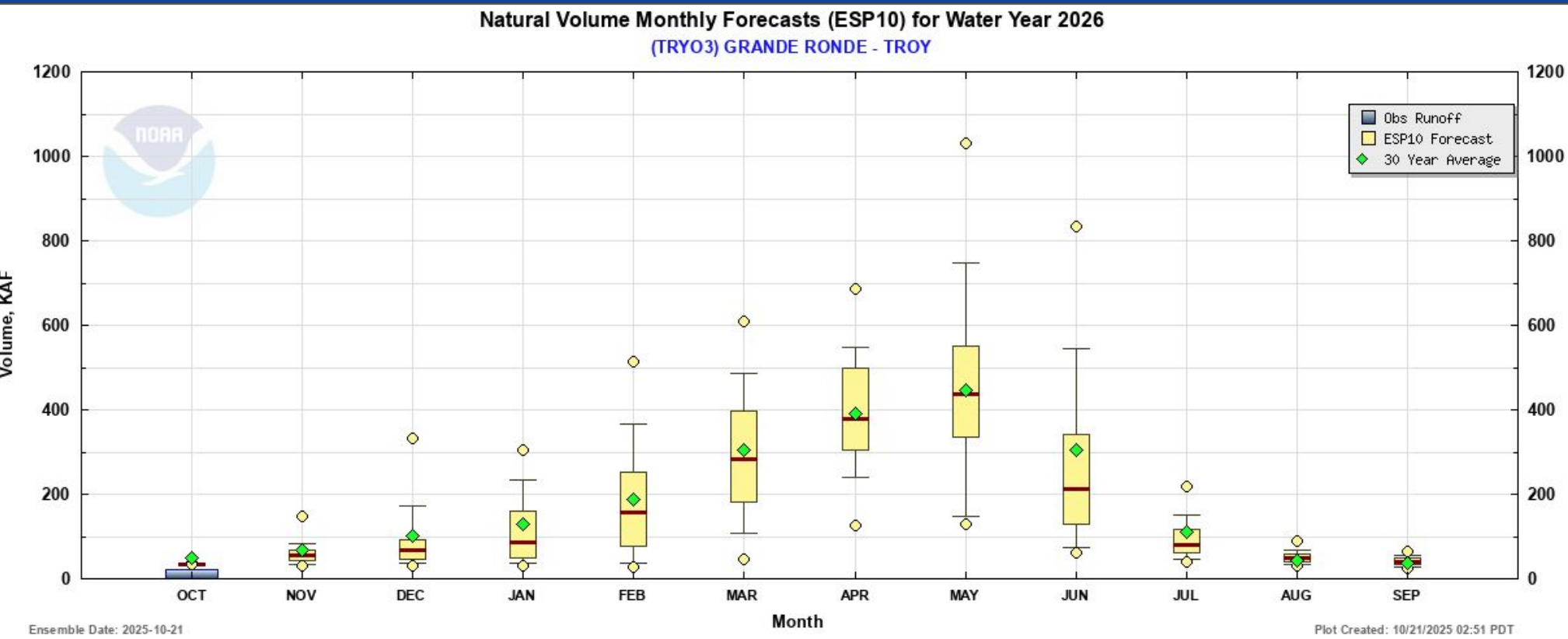
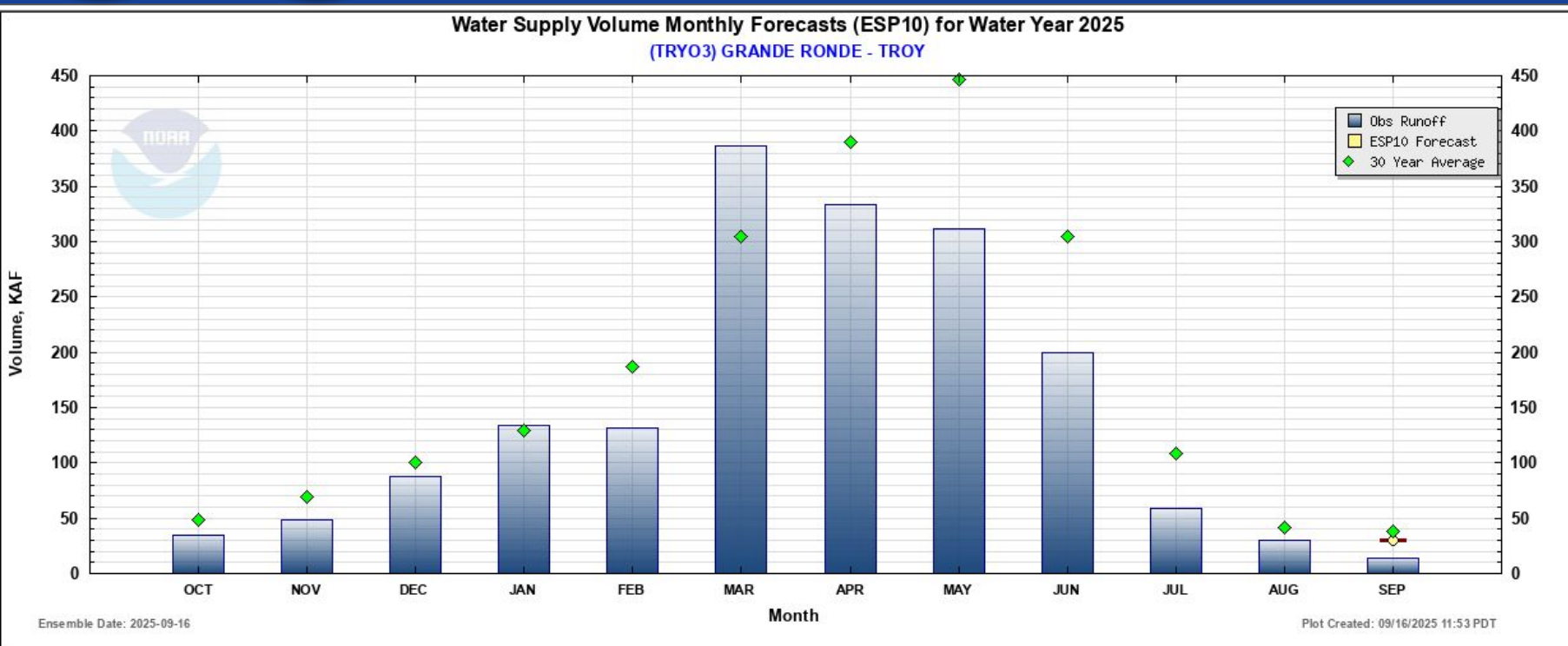


West Oregon Forecasts





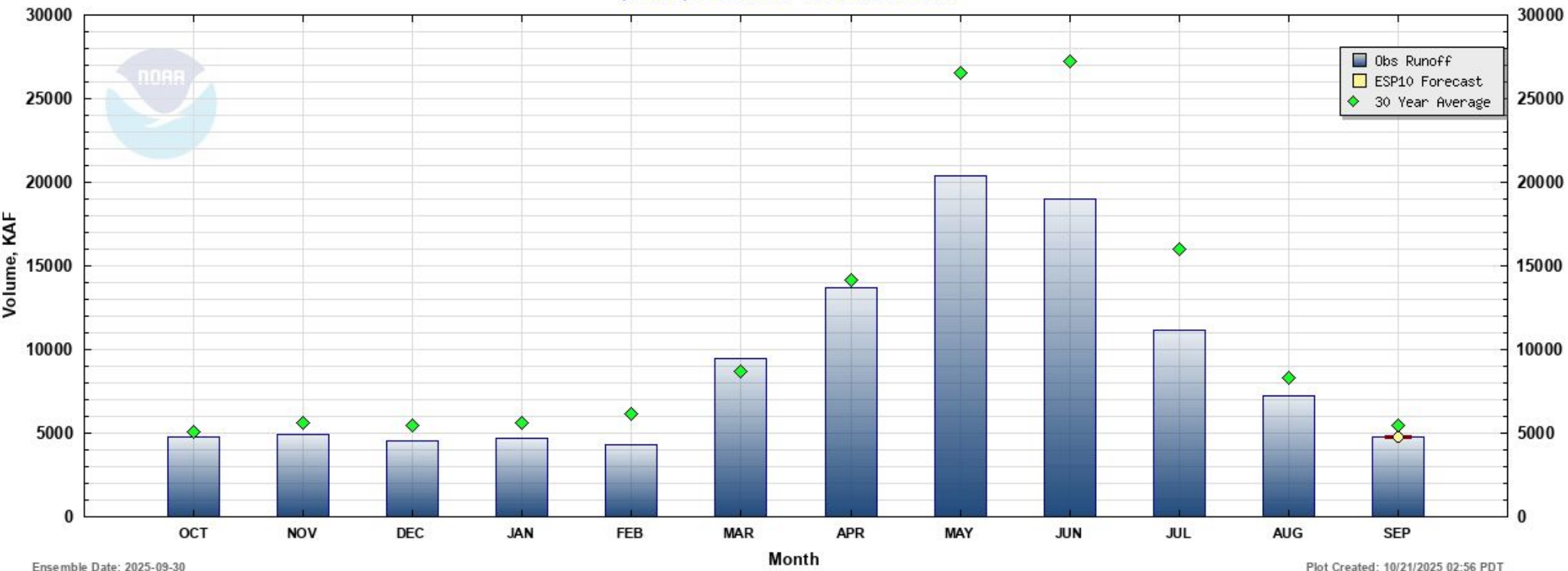
East Oregon Forecasts



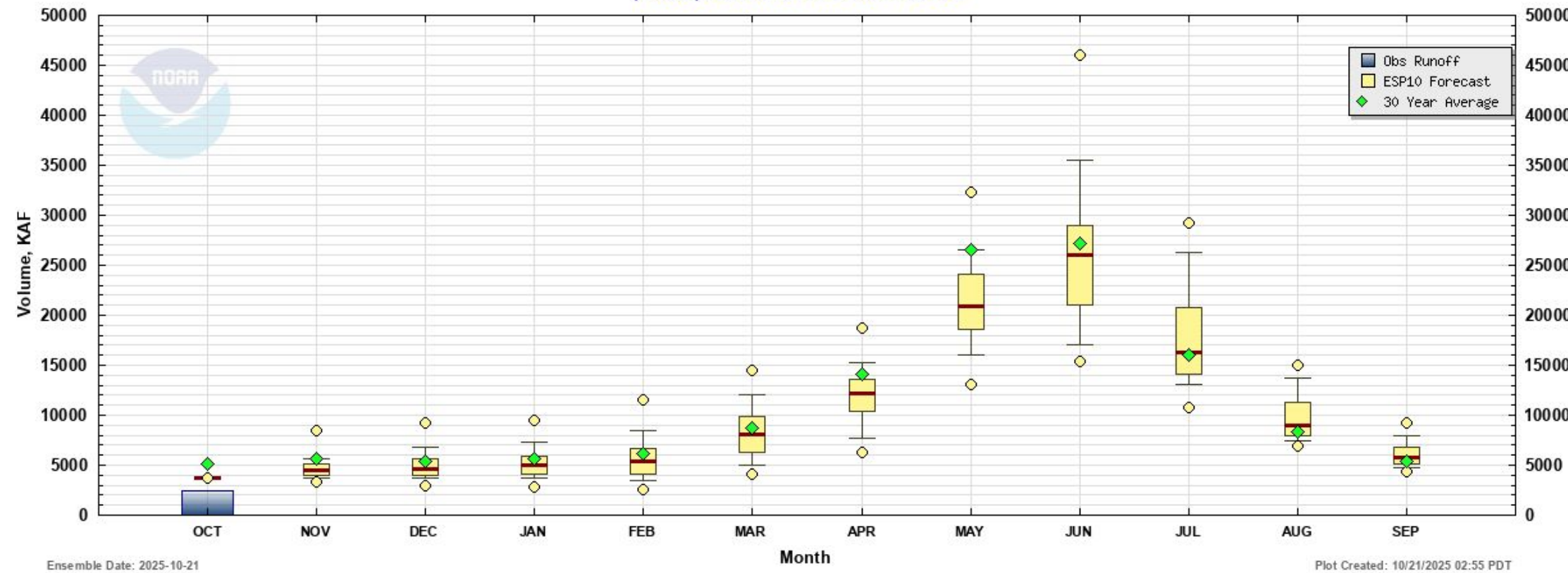


The Dalles Forecast

Natural Volume Monthly Forecasts (ESP10) for Water Year 2025
(TDA03) COLUMBIA - THE DALLES DAM



Natural Volume Monthly Forecasts (ESP10) for Water Year 2026
(TDA03) COLUMBIA - THE DALLES DAM



nwrfc.watersupply@noaa.gov



(503) 326-7291



nwrfc.noaa.gov



Near term probabilistic guidance

← → ↻ cbrfc.noaa.gov/dbdata/station/ensgraph/map/ensmap.html

This site will remain updated during the shutdown. [Read More](#)

National Weather Service
River Forecast Centers
National Oceanic and Atmospheric Administration

Hydrologic Ensemble Forecasting Service (Experimental)

nwrfc
Filter Points

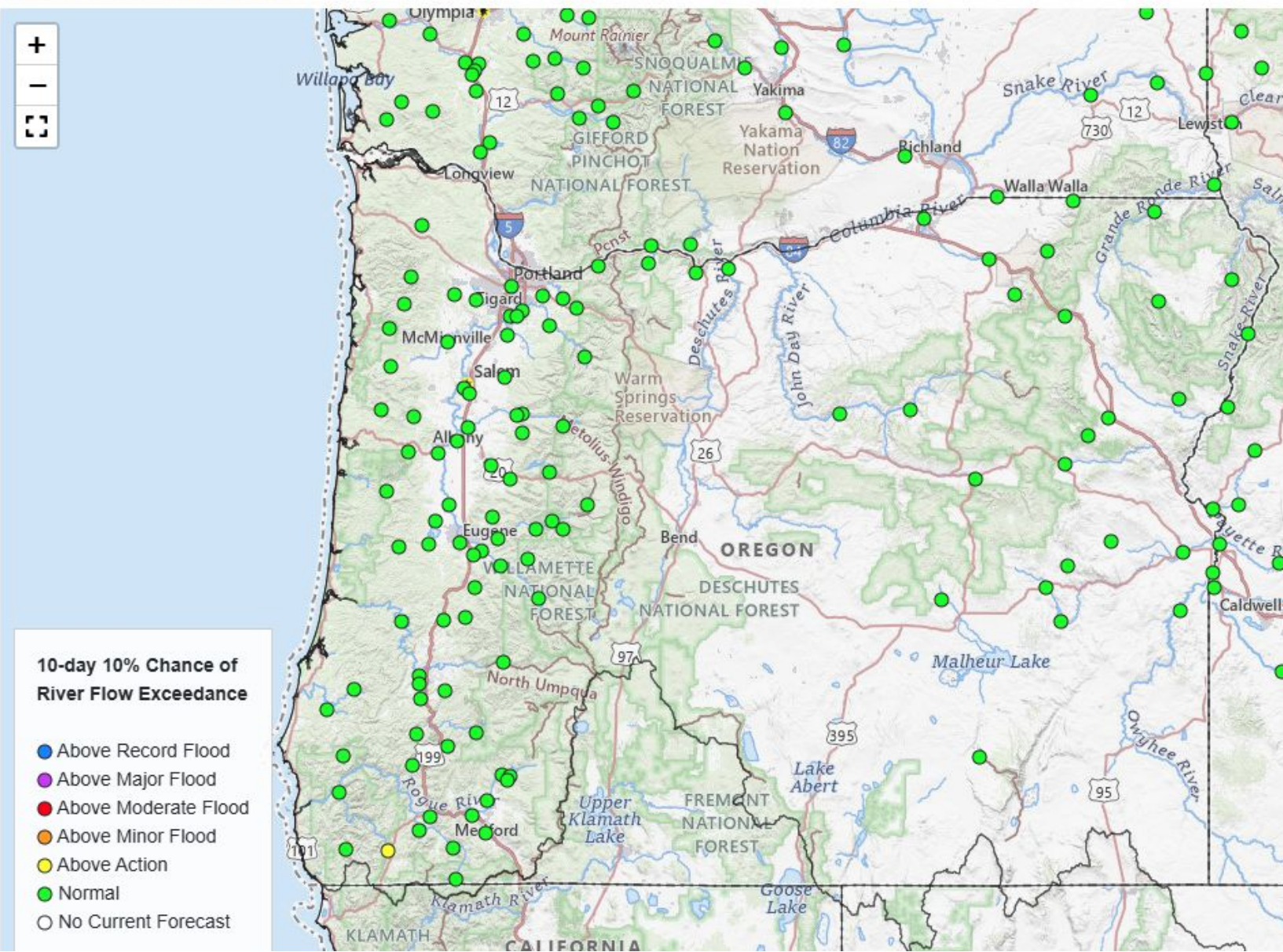
- Select Point
- Alsea River near Tidewater
 - Applegate River at Applegate R
 - Applegate River near Applegate
 - Applegate River near Wildervil
 - Baker River other Baker Lk
 - Bear Creek at Medford
 - Big Butte Creek near McLEOD
 - Big Lost River at Howell Ranch
 - Big Wood River at Hailey
 - Big Wood River near Ketchum

More Point Info

Select Chance

- 10%
- 10%**
- 30%
- 50%
- 70%
- 90%

Forecast Date (defaults to latest)
mm/dd/yyyy



<https://www.cbrfc.noaa.gov/dbdata/station/ensgraph/map/ensmap.html>

nwrfc.watersupply@noaa.gov

(503) 326-7291

nwrfc.noaa.gov



Northwest River Forecast Center News

2026 Schedule for <i>Live Water Supply Briefings</i>					
Jan	Feb	Mar	Apr	May	Jun
8	5	5	2	7	<i>TBD</i>
<i>All presentations held at 10:00am PT, unless noted otherwise</i>					
<i>Registration information will be available soon.</i>					



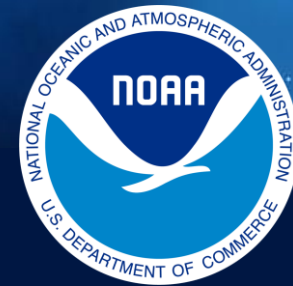
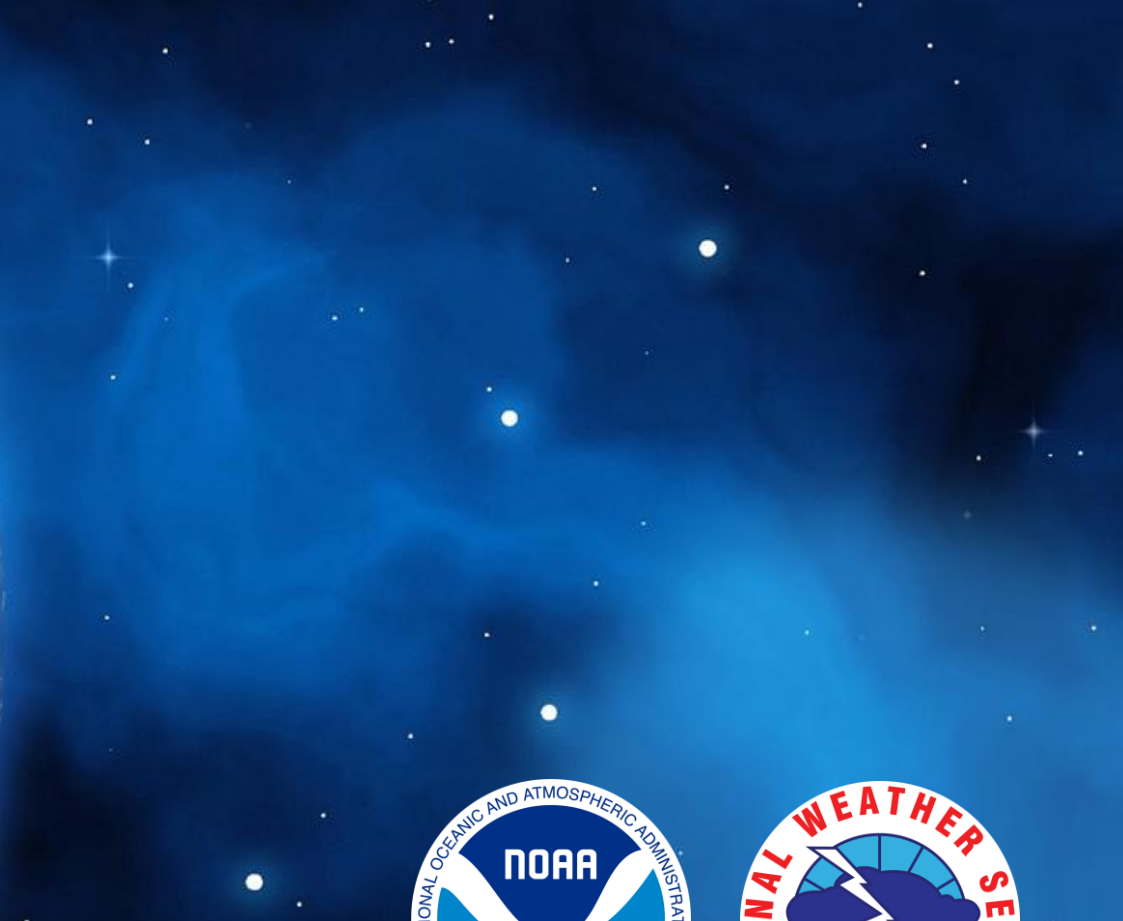
nwrfc.watersupply@noaa.gov



(503) 326-7291



nwrfc.noaa.gov



Oregon Climate Summary and Outlook

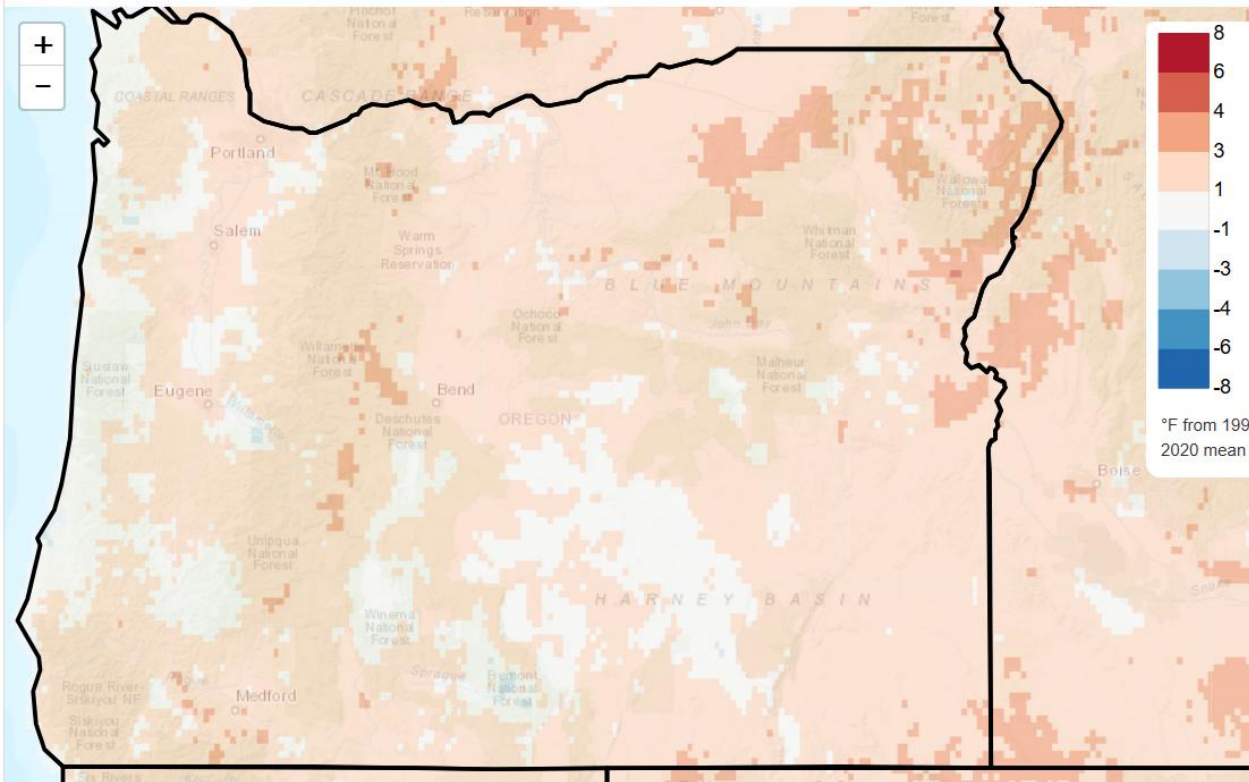
Oct 22, 2025

Tanja Fransen, Meteorologist in Charge

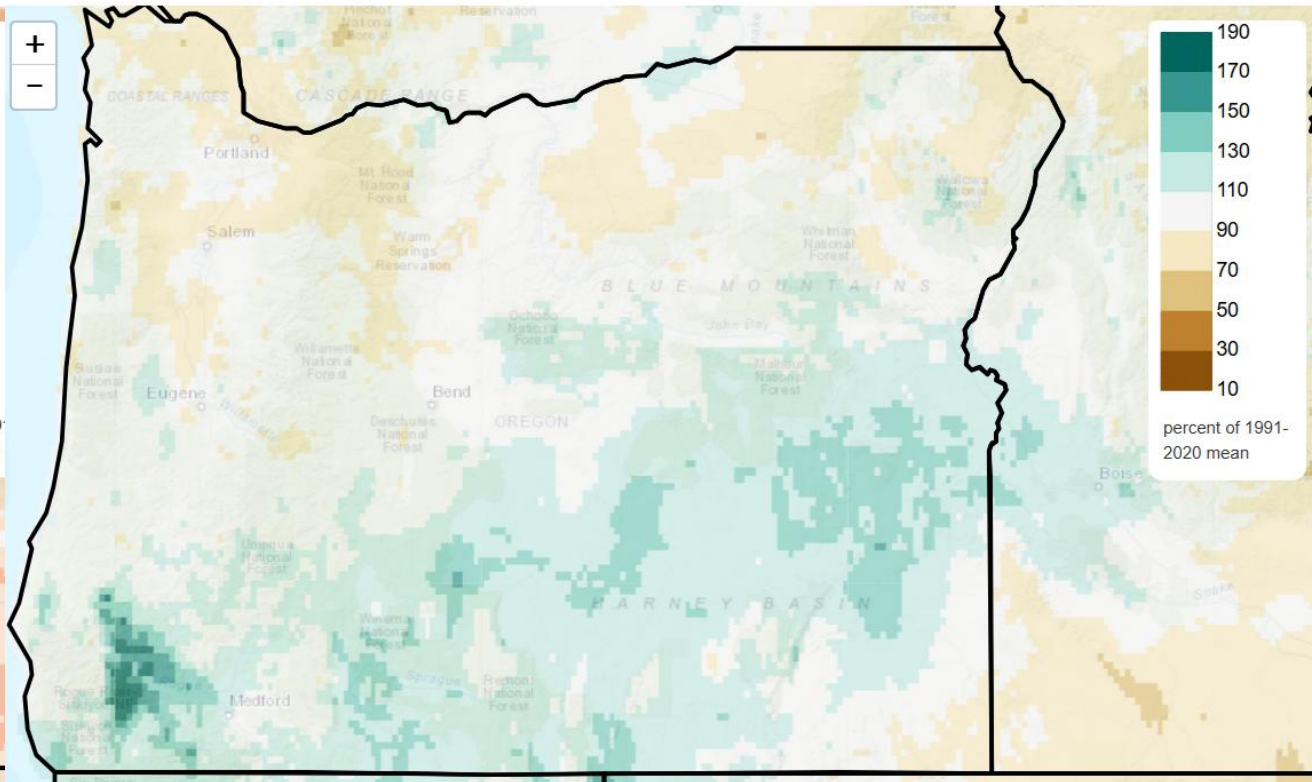
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service Portland, OR

WY2025 Temps/Precipitation from Normal

Mean Daily Temperature Anomaly, Last Oct to Last Full Month
2024/10/01 - 2025/09/30



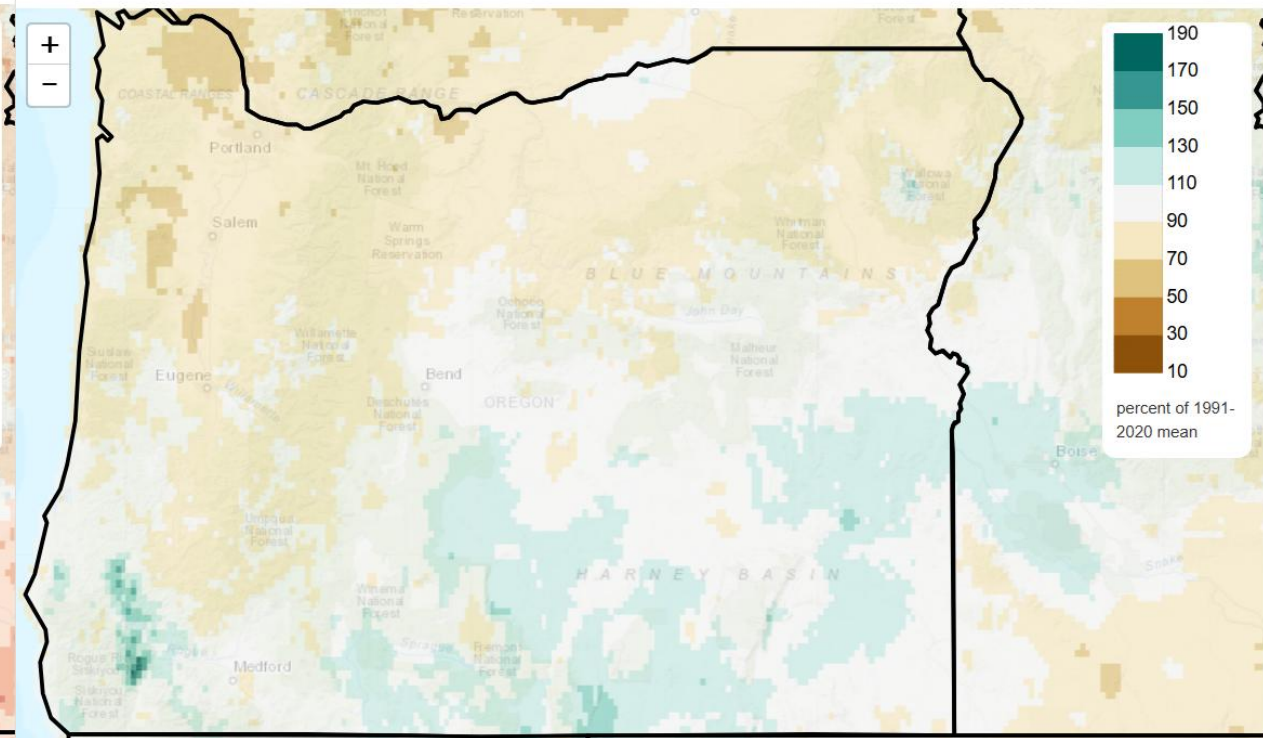
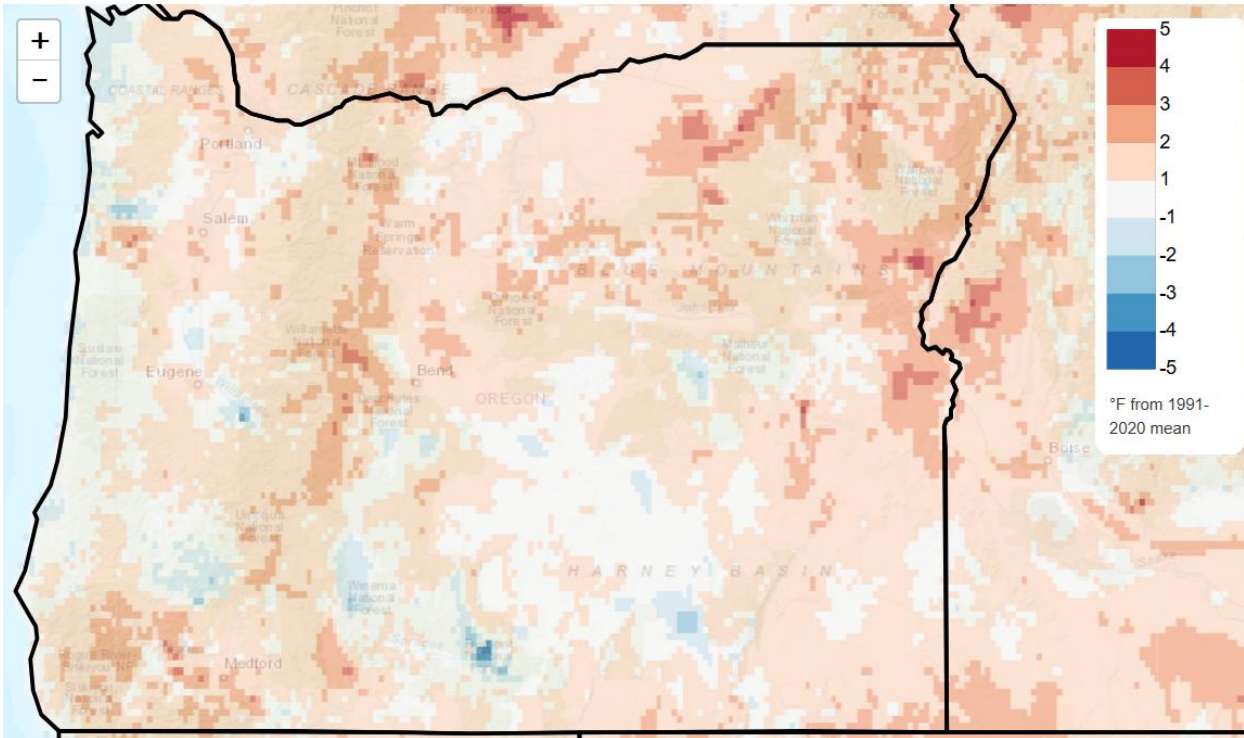
Total Precipitation Anomaly, Last Oct to Last Full Month
2024/10/01 - 2025/09/30



CY2025 Temps/Precipitation from Normal

Mean Daily Temperature Anomaly, Since Jan 1st
2025/01/01 - 2025/10/19

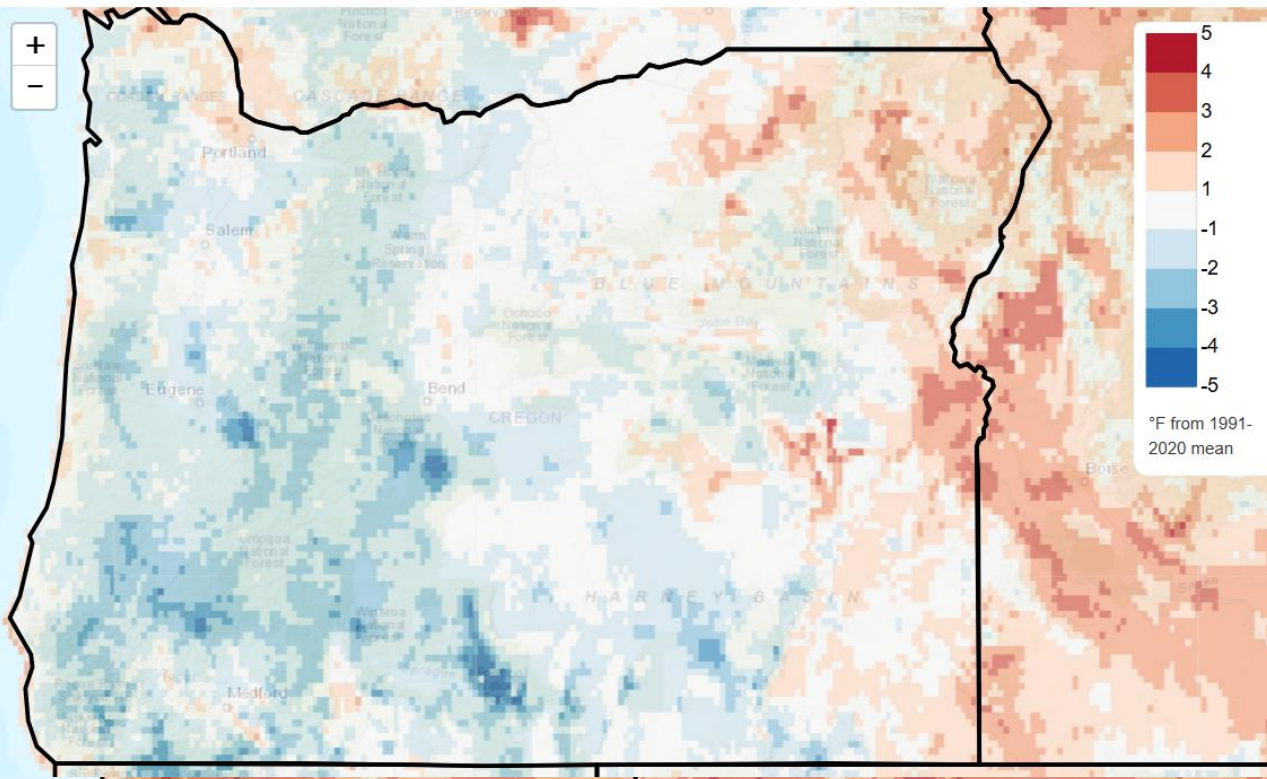
Total Precipitation Anomaly, Since Jan 1st
2025/01/01 - 2025/10/19



Last 30 Days Temps/Precipitation from Normal

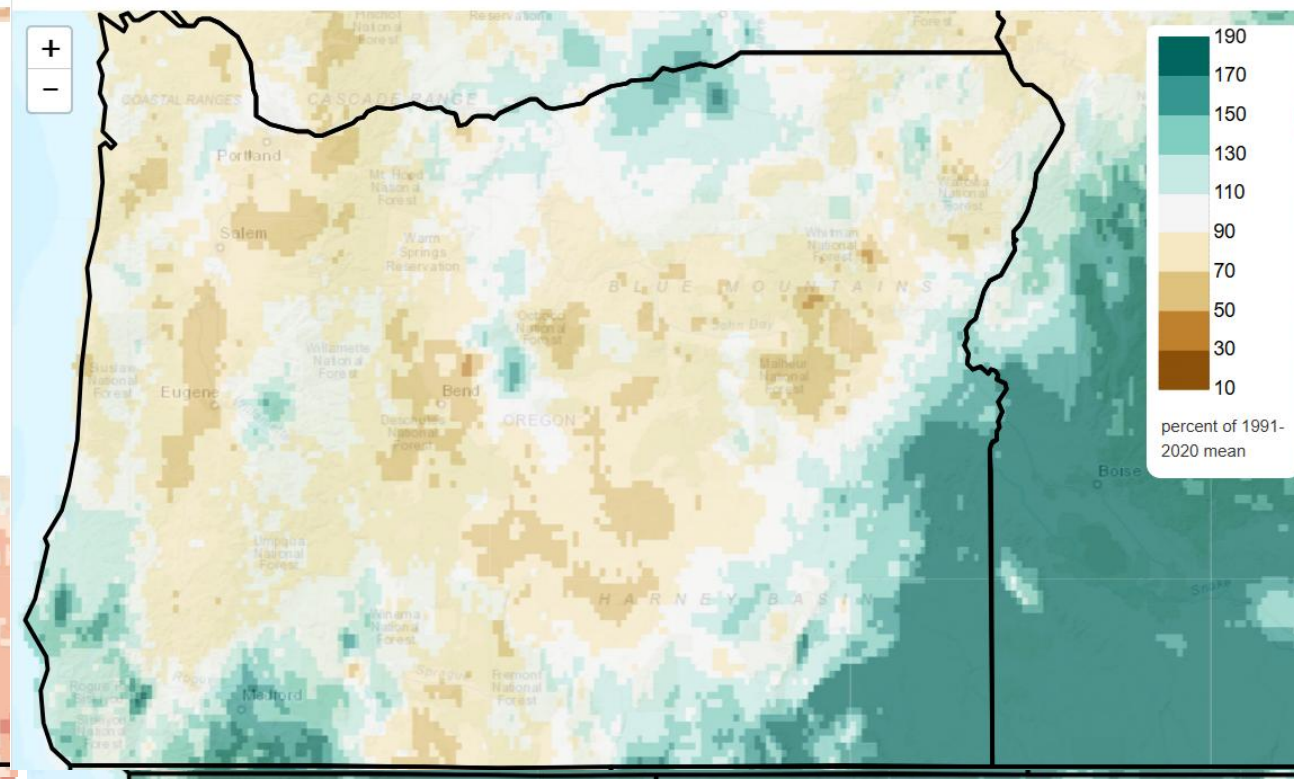
Mean Daily Temperature Anomaly, Last 30 Days

2025/09/20 - 2025/10/19

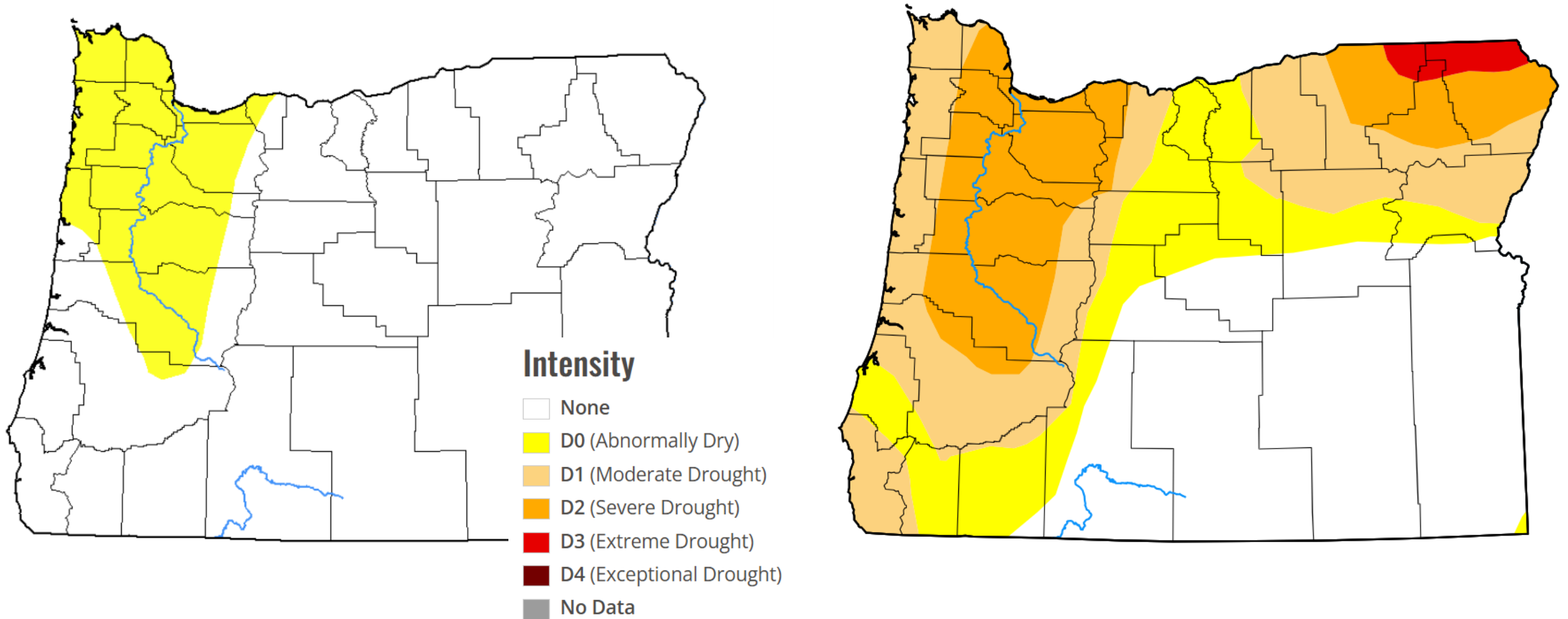


Total Precipitation Anomaly, Last 30 Days

2025/09/20 - 2025/10/19



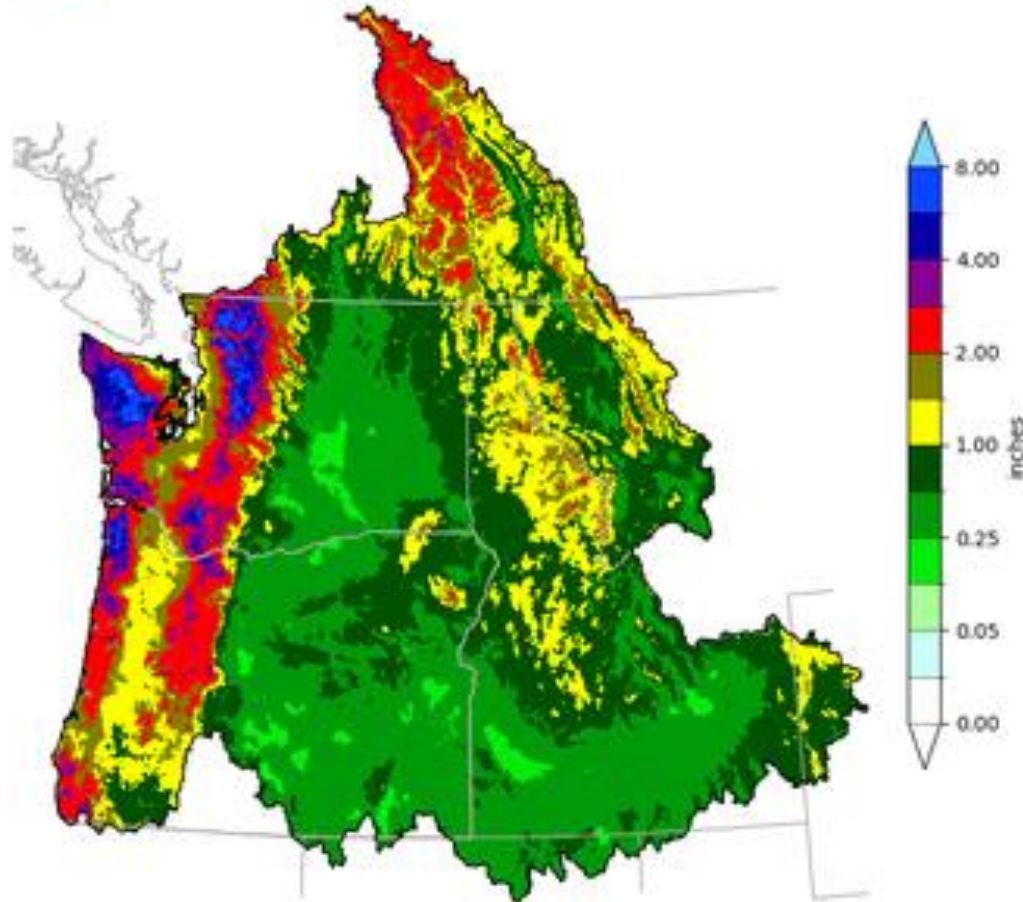
Drought Monitor 4/29/2025 (Left) and 10/21/2025 (Right)



NWRFC 10 Day Precipitation Forecast



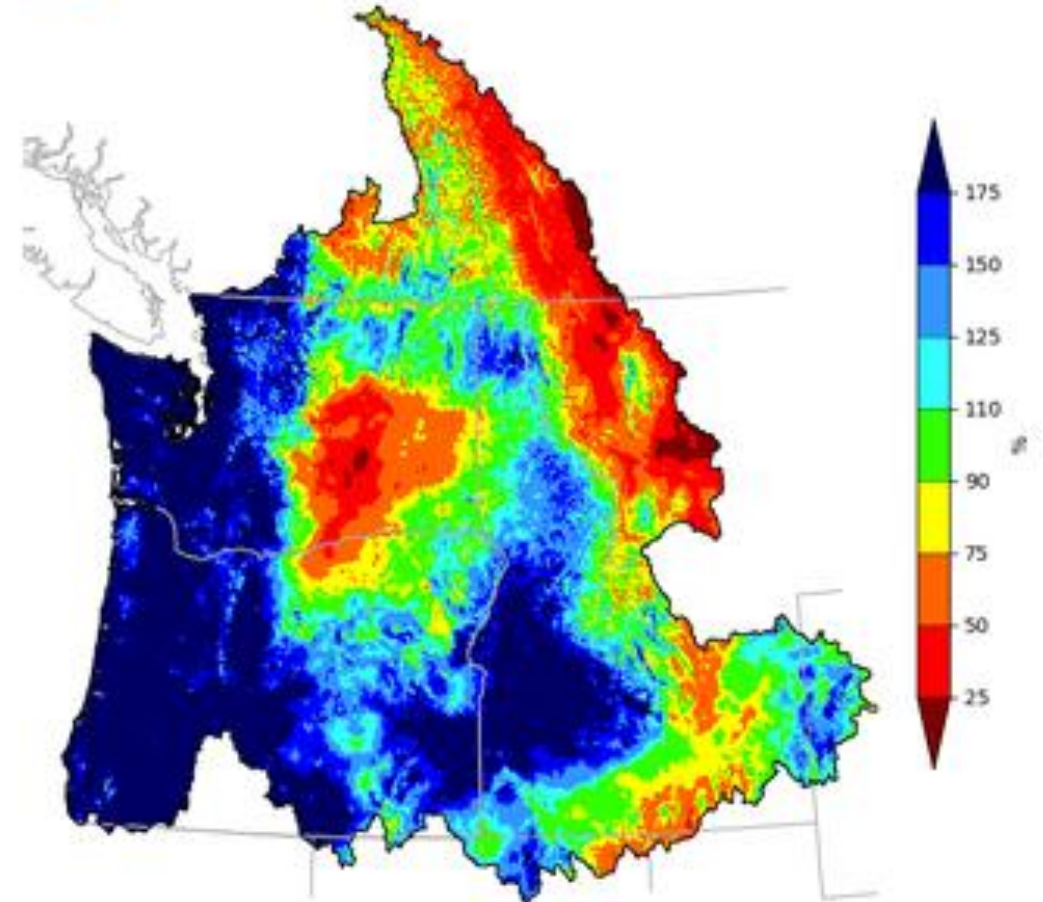
Northwest River Forecast Center
10 Day Precipitation Climatology, Ending 12Z, 10/31/25



Creation Time: Tue Oct 21 14:46:11 UTC 2025



Northwest River Forecast Center
10 Day QPF (Percent of Climatology), Ending 12Z, 10/31/25

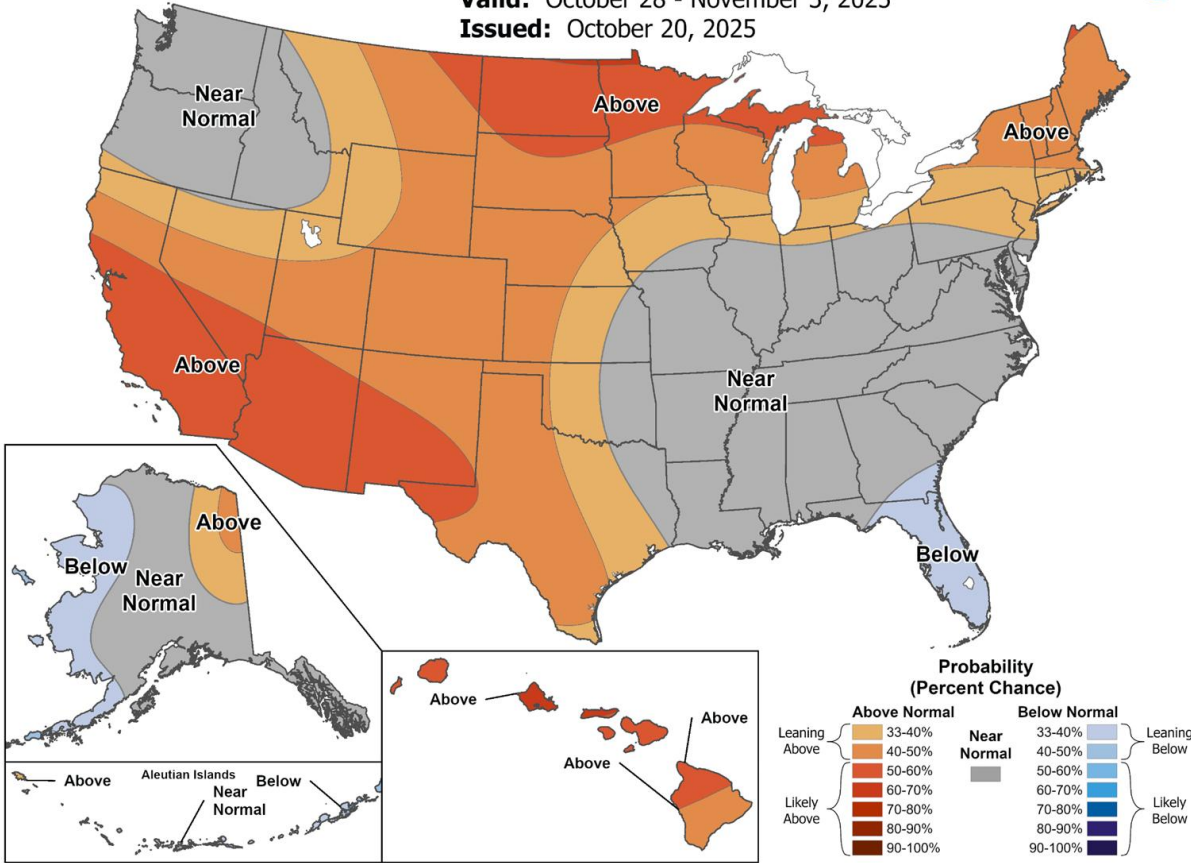


Creation Time: Tue Oct 21 14:46:19 UTC 2025

CPC 8-14 Day Outlook

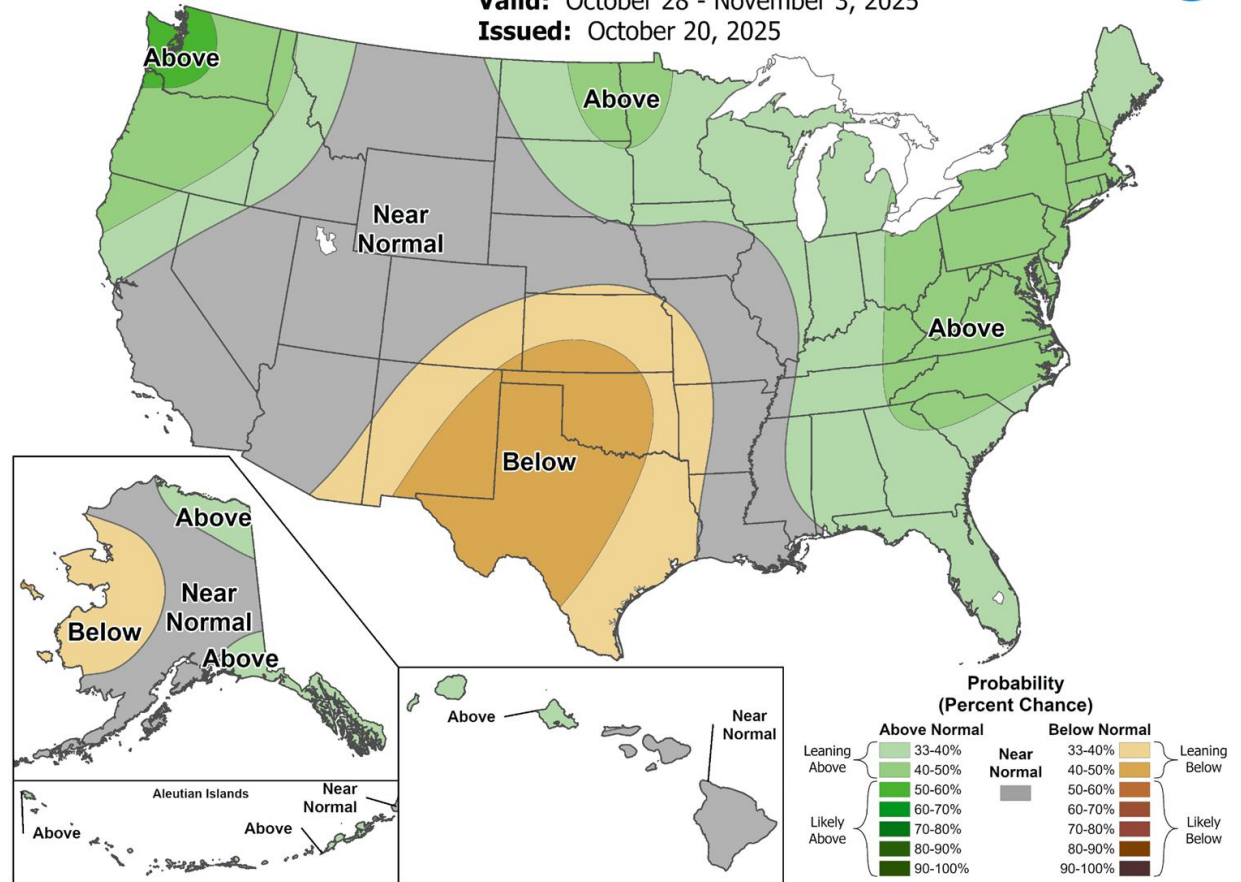
8-14 Day Temperature Outlook

Valid: October 28 - November 3, 2025
Issued: October 20, 2025



8-14 Day Precipitation Outlook

Valid: October 28 - November 3, 2025
Issued: October 20, 2025



ENSO: La Niña Watch

La Niña is favored to persist through December 2025 - February 2026, with a transition to ENSO-neutral likely in January-March 2026 (55% chance).

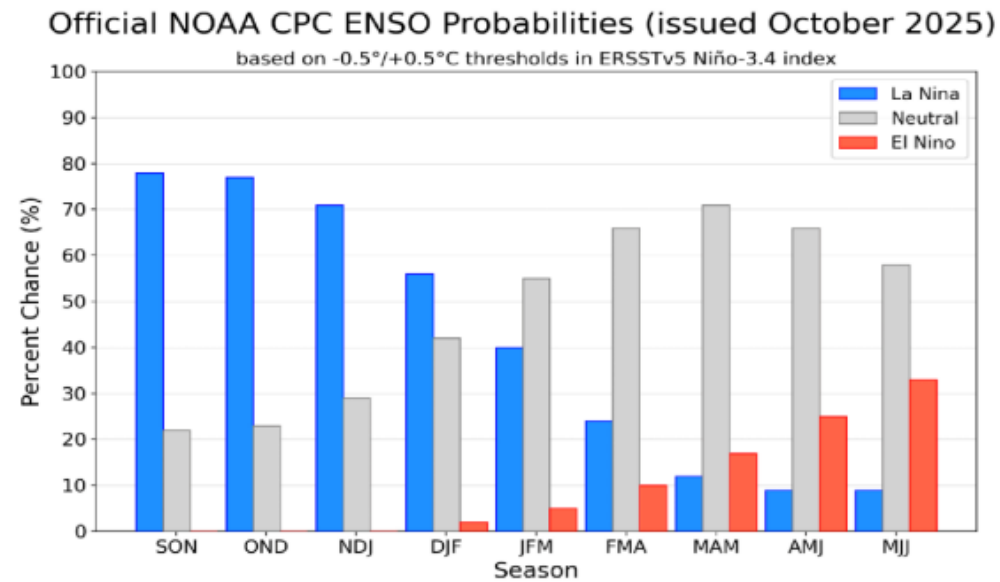
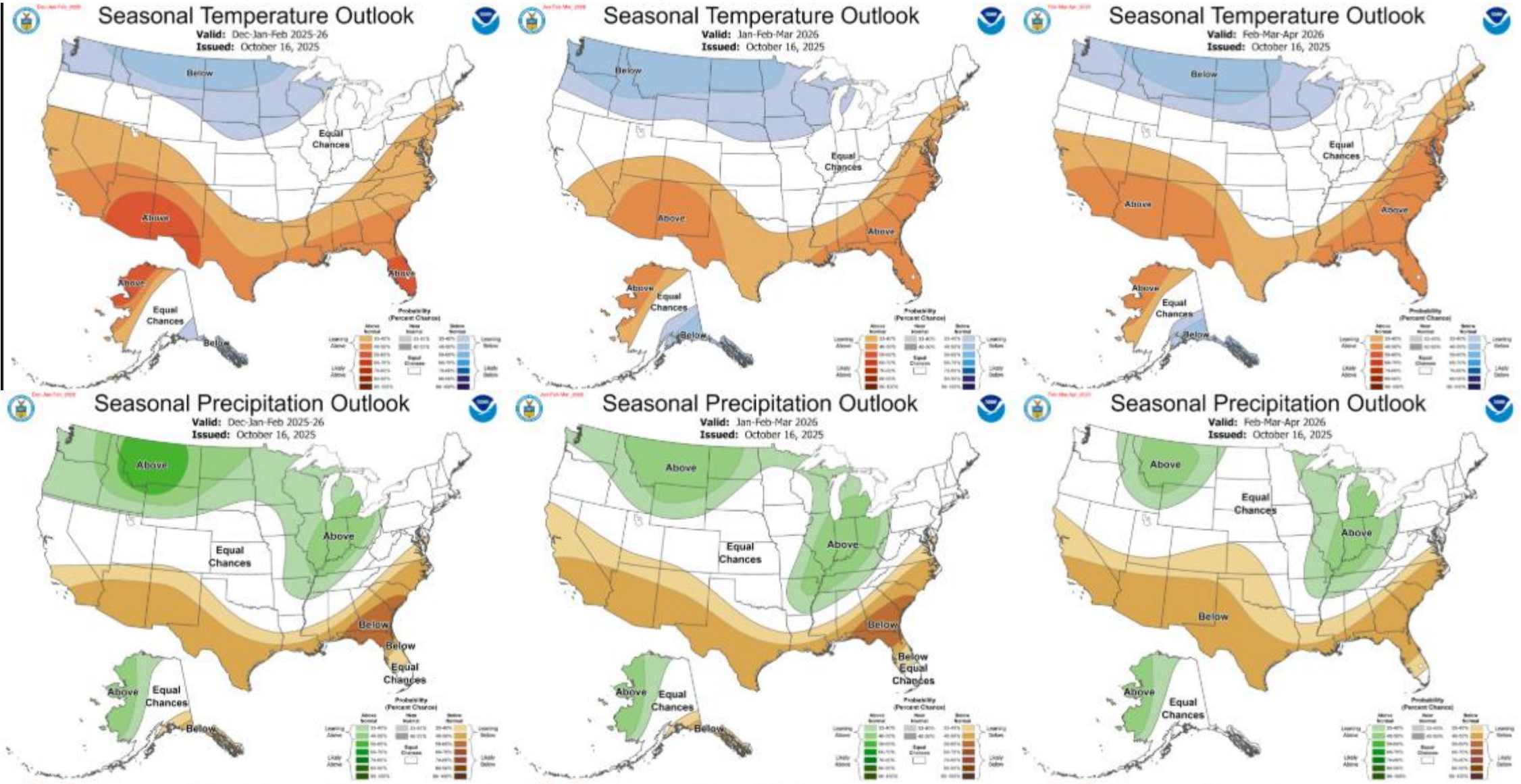


Figure 7. Official ENSO probabilities for the Niño 3.4 sea surface temperature index (5°N - 5°S , 120°W - 170°W). Figure updated 9 October 2025.

CPC Seasonal Outlook: Dec-Jan-Feb, Jan-Feb-Mar, Feb-Mar-Apr





Questions?

tanja.fransen@noaa.gov

Oregon WSAC/DRC Climate Update and Drought Status October 2025

Larry O'Neill
CEOAS/Oregon State University
Oregon Climate Service
larry.oneill@oregonstate.edu



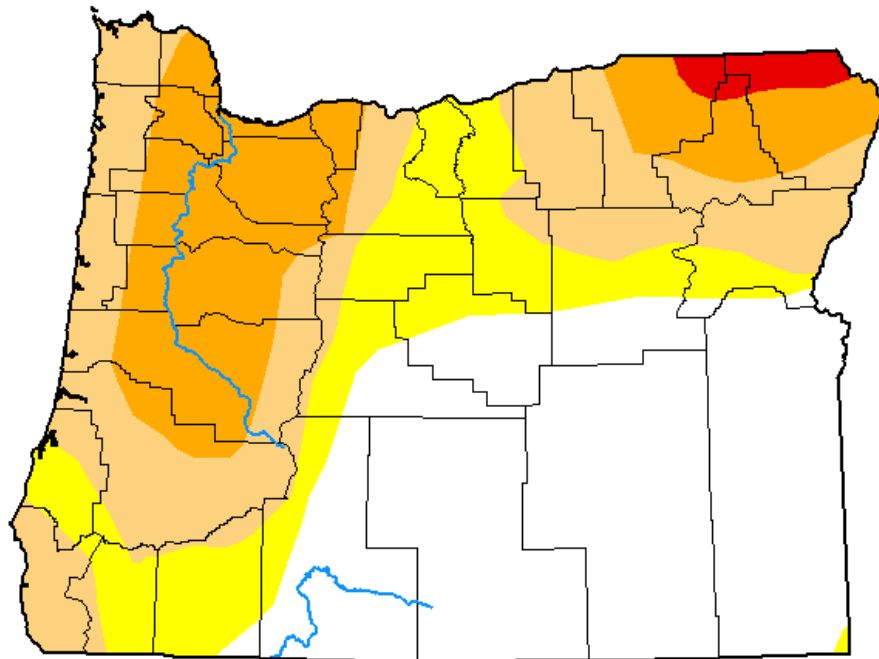
Oregon State University
College of Earth, Ocean,
and Atmospheric Sciences



Wednesday, October 22, 2025

U.S. Drought Monitor Oregon

October 14, 2025
(Released Thursday, Oct. 16, 2025)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	40.16	59.84	43.24	19.28	1.39	0.00
Last Week <i>10-07-2025</i>	40.23	59.77	43.24	19.26	1.39	0.00
3 Months Ago <i>07-15-2025</i>	0.00	100.00	56.19	22.98	0.59	0.00
Start of Calendar Year <i>01-07-2025</i>	88.40	11.60	1.29	0.00	0.00	0.00
Start of Water Year <i>10-01-2024</i>	10.56	89.44	61.05	1.36	0.00	0.00
One Year Ago <i>10-15-2024</i>	5.74	94.26	64.41	1.36	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Tinker
CPC/NOAA/NWS/NCEP

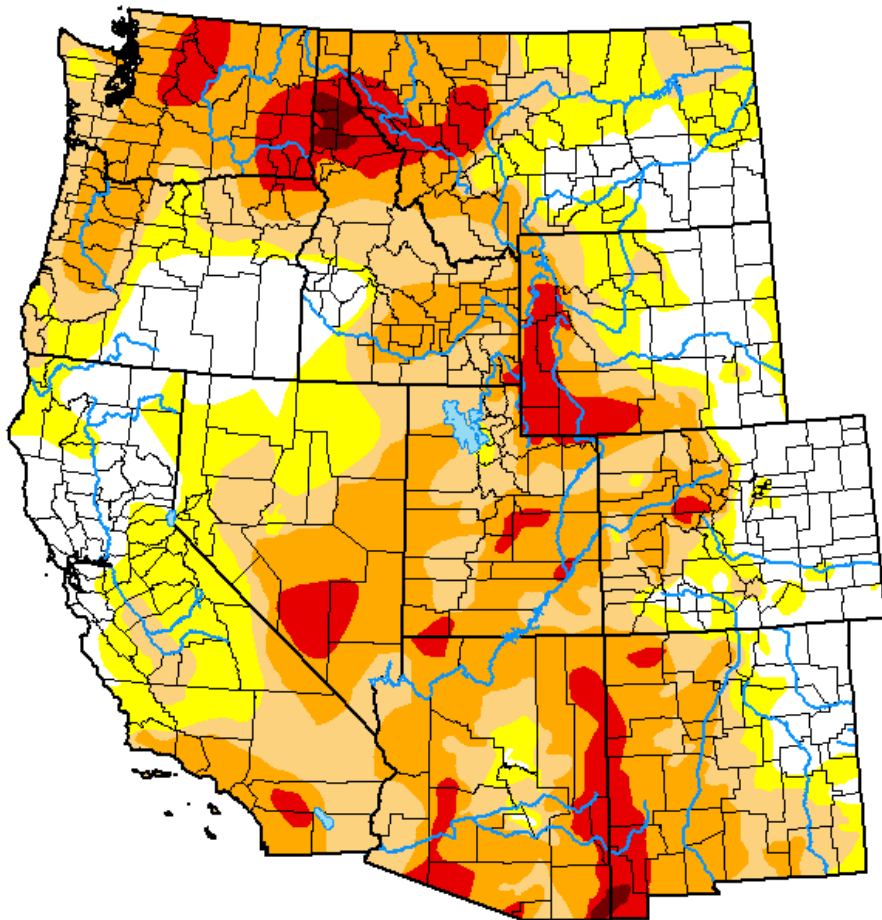


droughtmonitor.unl.edu

Currently, 43% of Oregon is in some form of drought, down from 51% one month ago

U.S. Drought Monitor West

October 14, 2025
(Released Thursday, Oct. 16, 2025)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	20.06	79.94	61.42	38.46	8.90	0.42
Last Week 10-07-2025	19.71	80.29	62.74	41.97	11.89	0.69
3 Months Ago 07-15-2025	12.35	87.65	67.24	40.24	12.79	0.93
Start of Calendar Year 01-07-2025	32.22	67.78	39.02	20.30	6.87	0.00
Start of Water Year 10-01-2024	20.06	79.94	37.38	9.85	2.47	0.11
One Year Ago 10-15-2024	12.92	87.08	46.40	18.09	4.53	0.18

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

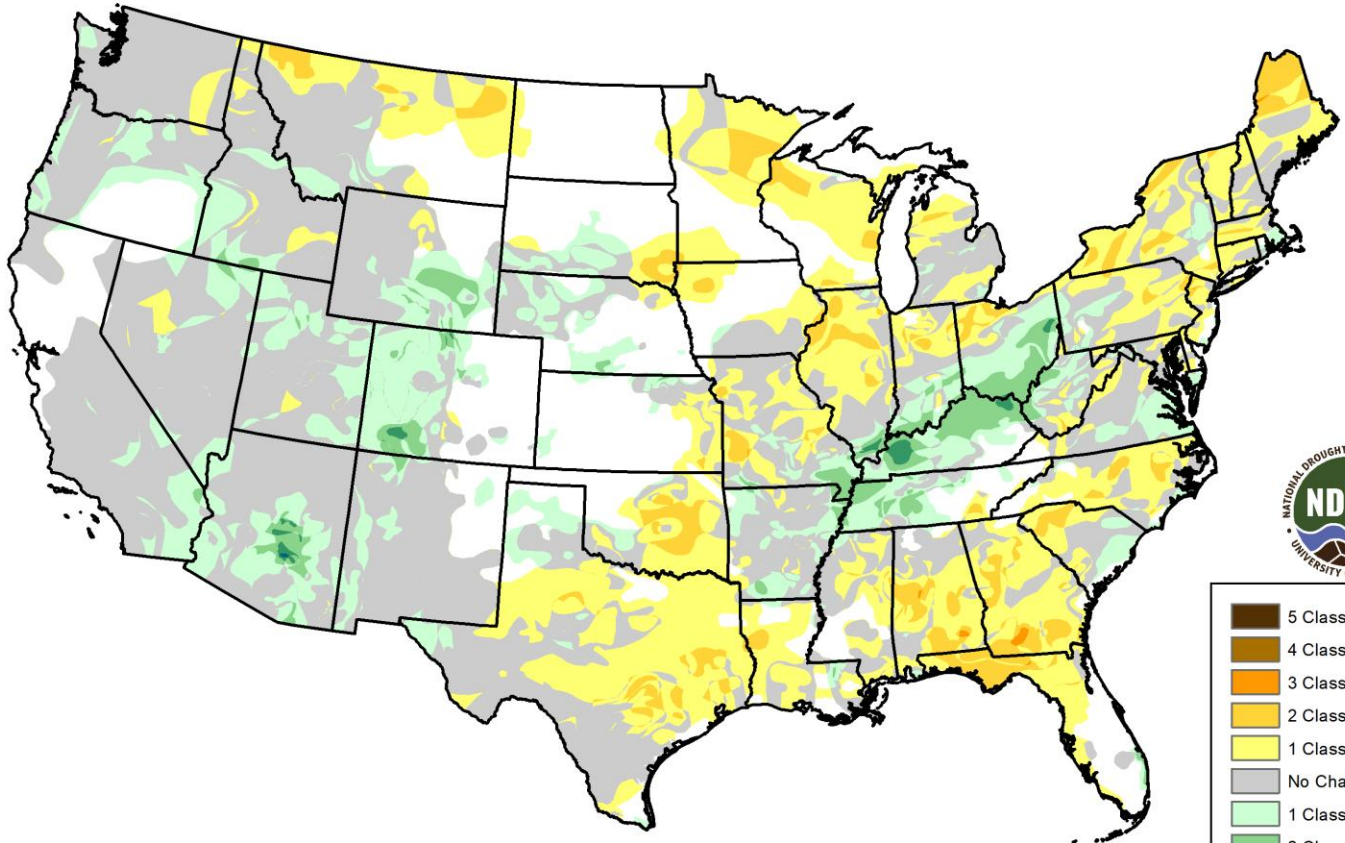
Richard Tinker
CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

Currently, 61% of the US west is in drought

U.S. Drought Monitor Class Change - CONUS 4 Week



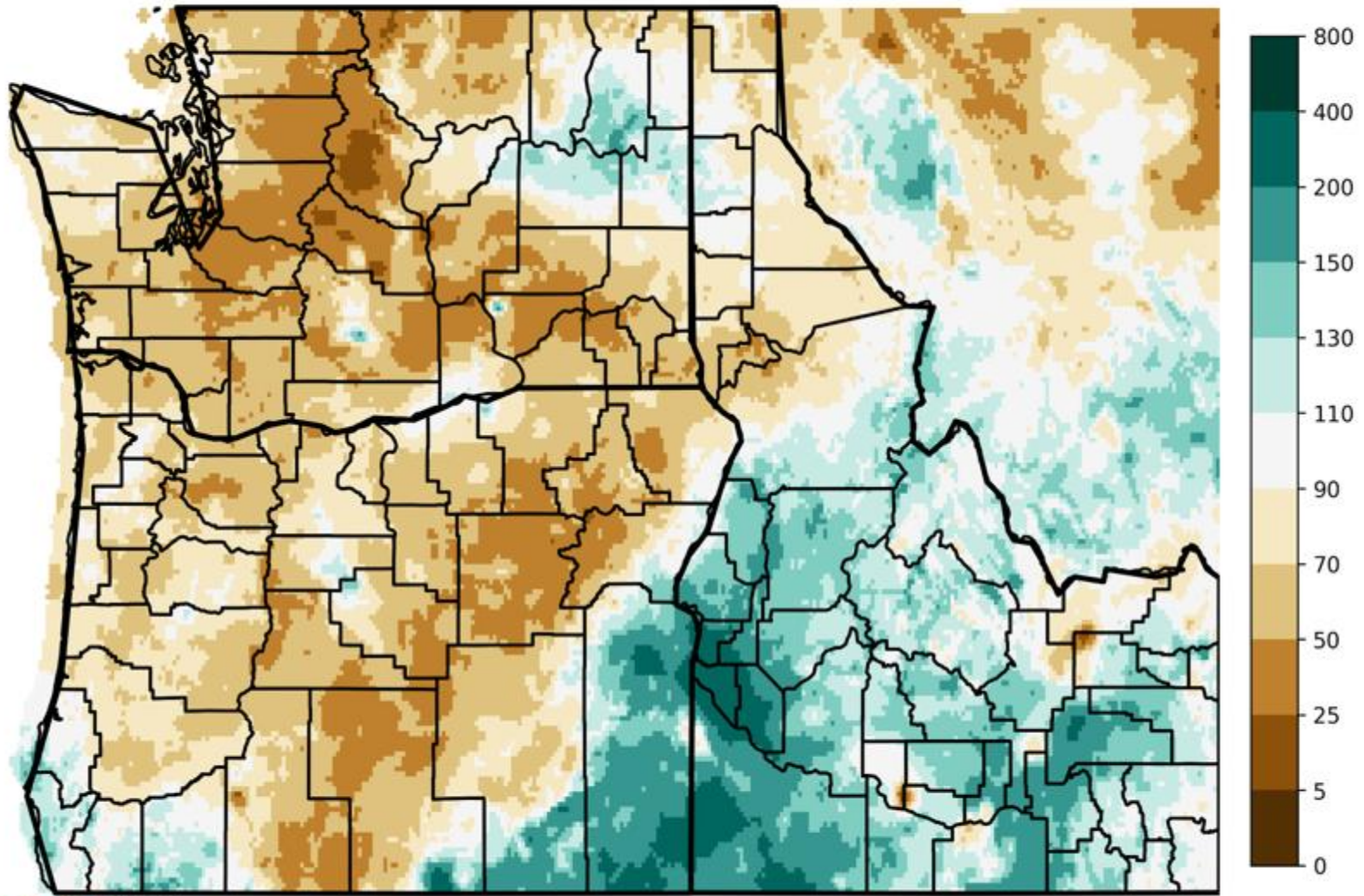
October 14, 2025
compared to
September 16, 2025

droughtmonitor.unl.edu

- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

Drought severity and extent has reduced slightly in most of the US west, including Oregon

1-Month (2025-09-16 - 2025-10-16) Precipitation Percent of Average (%)

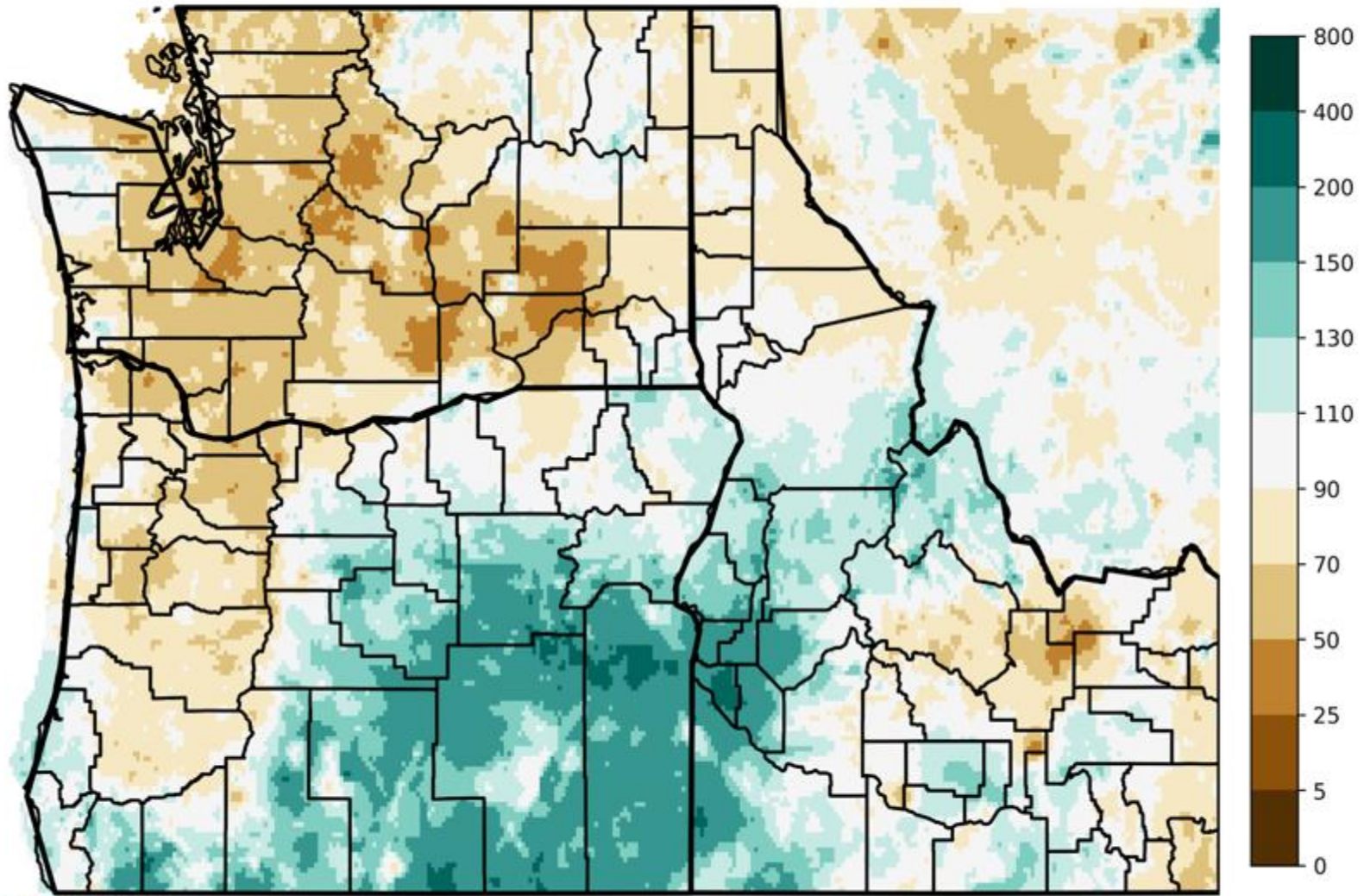


Oregon
Climate
Service

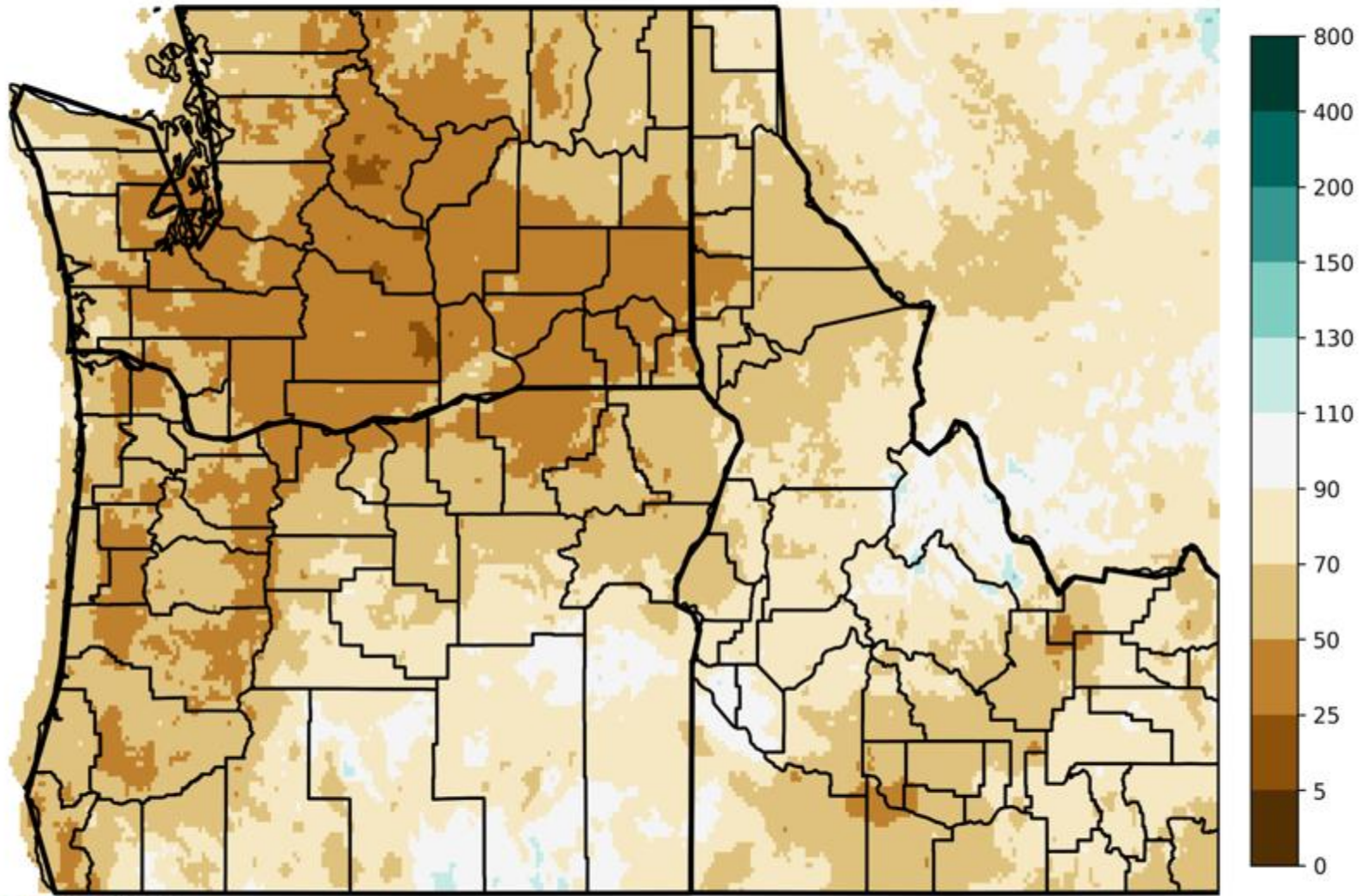


ClimateEngine.org

3-Month (2025-07-16 - 2025-10-16) Precipitation Percent of Average (%)

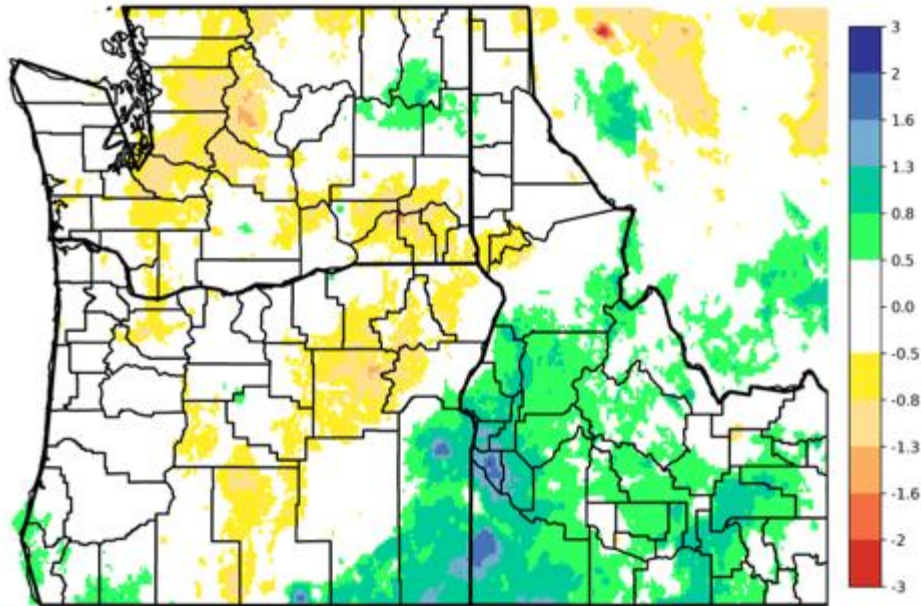


6-Month (2025-04-16 - 2025-10-16) Precipitation Percent of Average (%)

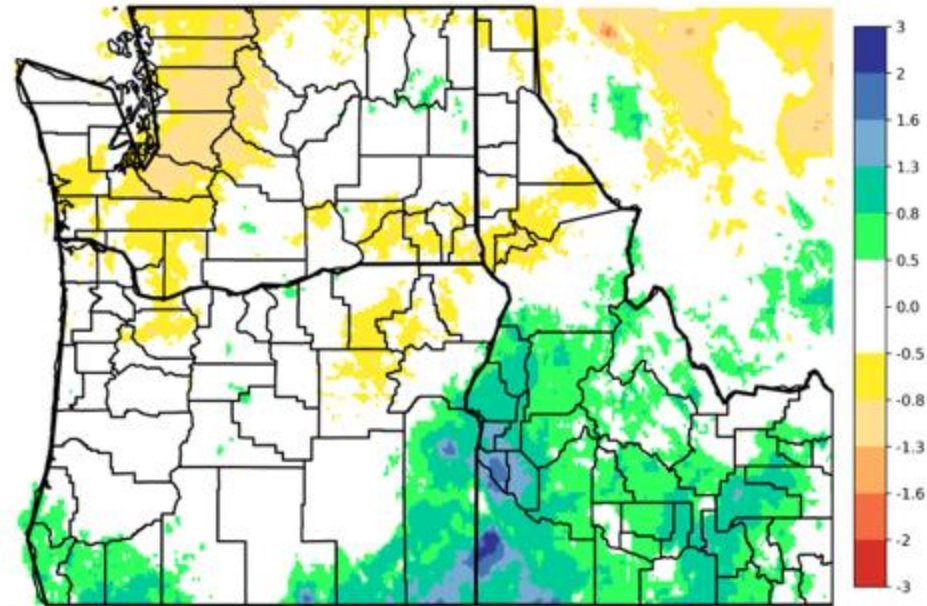


1-month SPI/SPEI

1-Month (2025-09-16 - 2025-10-16) SPI (1981 - 2024)

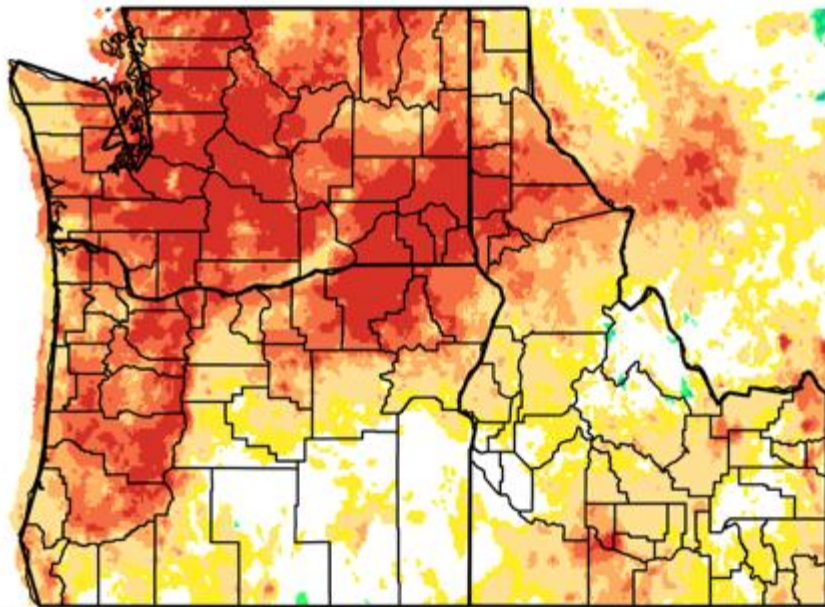


1-Month (2025-09-16 - 2025-10-16) Hargreaves SPEI (1981 - 2024)

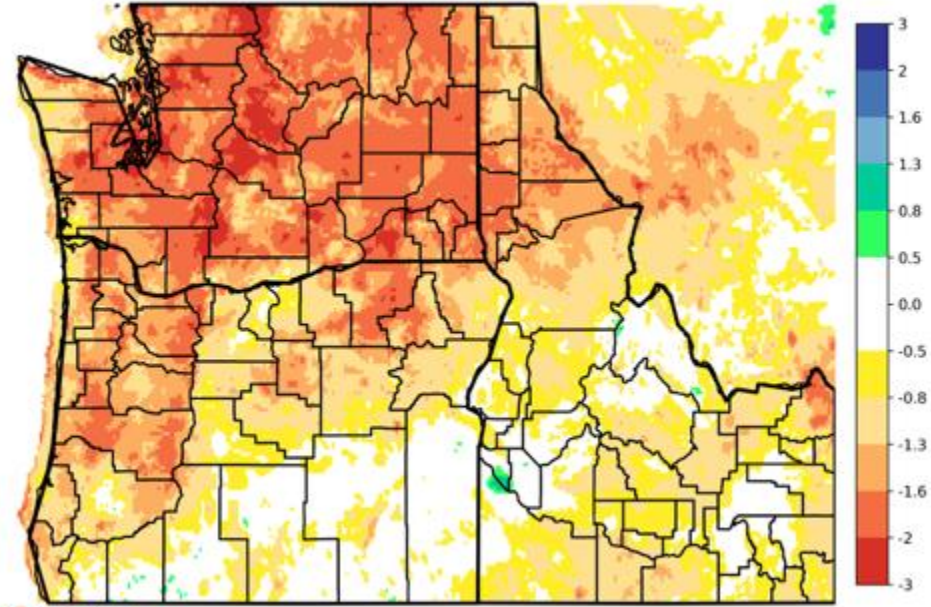


6-month SPI/SPEI

6-Month (2025-04-16 - 2025-10-16) SPI (1981 - 2024)

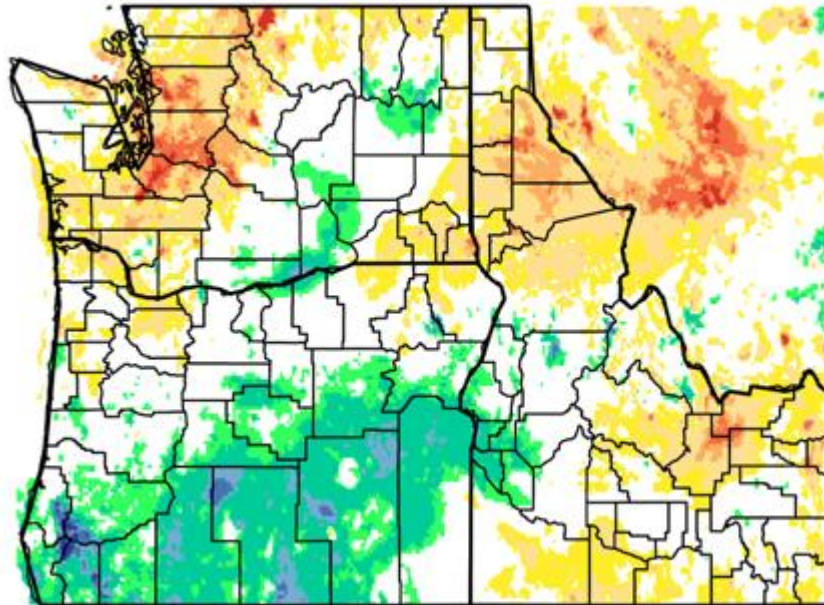


6-Month (2025-04-16 - 2025-10-16) Hargreaves SPEI (1981 - 2024)

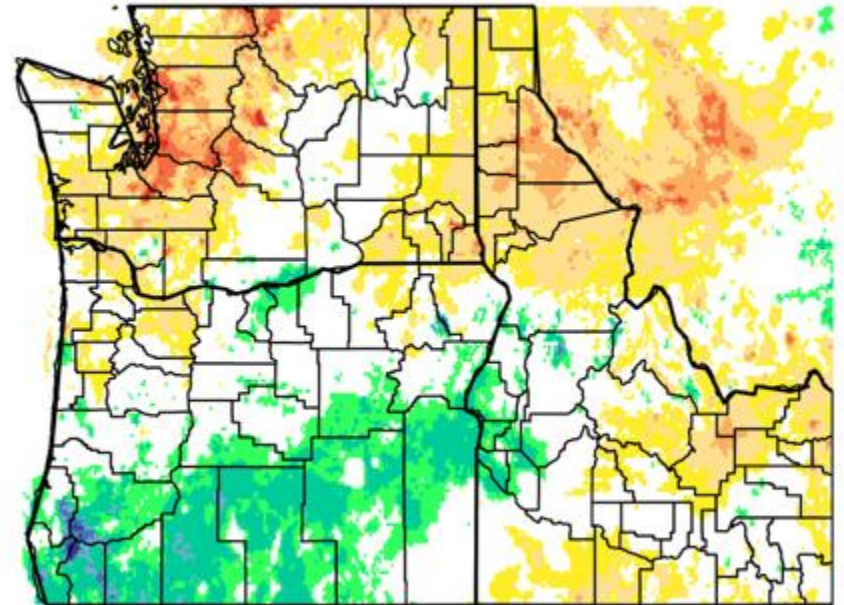


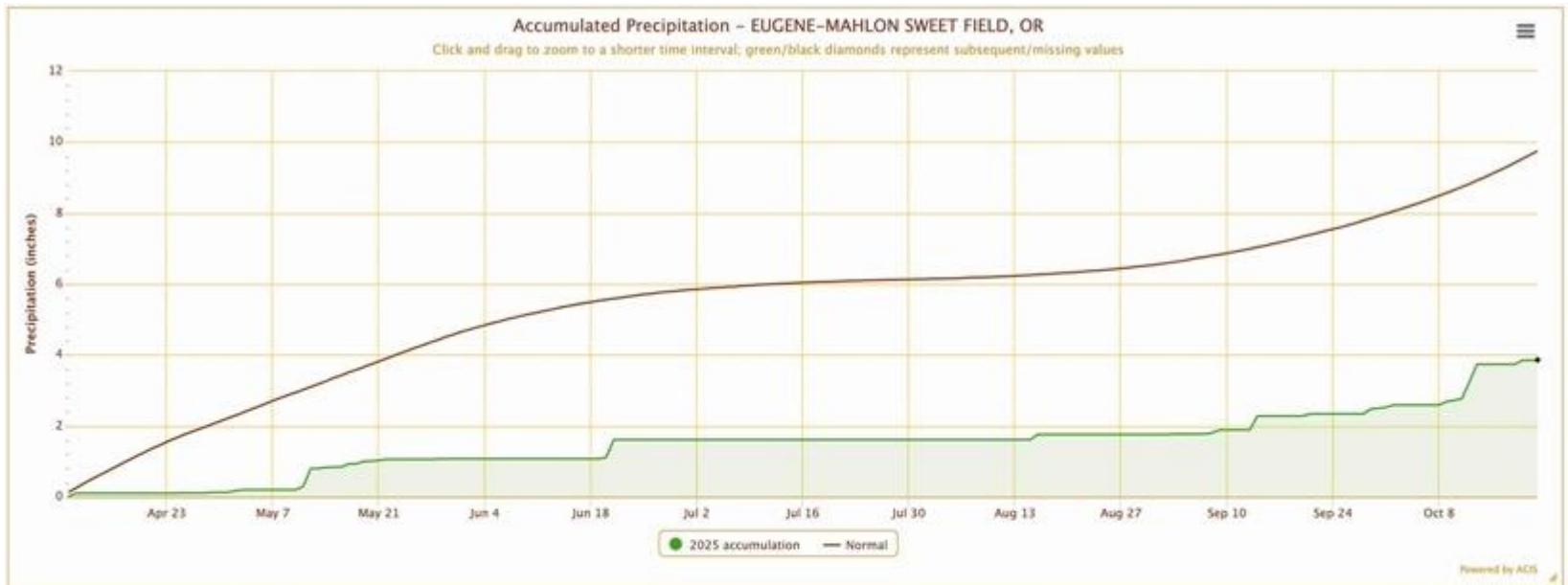
12-month SPI/SPEI (~WYTD)

12-Month (2024-10-17 - 2025-10-16) SPI (1982 - 2024)



12-Month (2024-10-17 - 2025-10-16) Hargreaves SPEI (1982 - 2024)

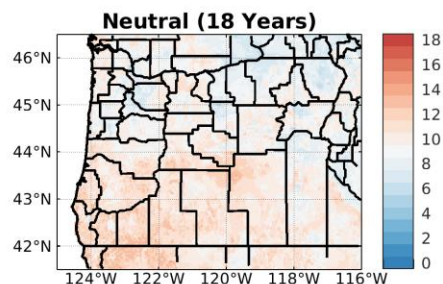
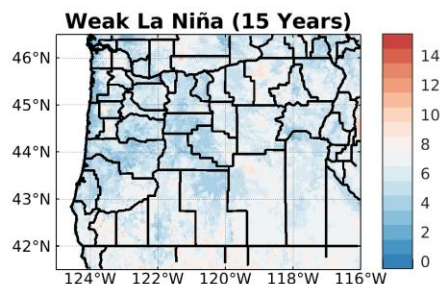
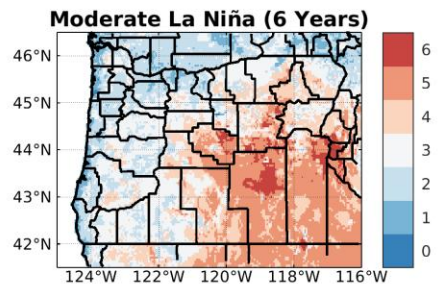
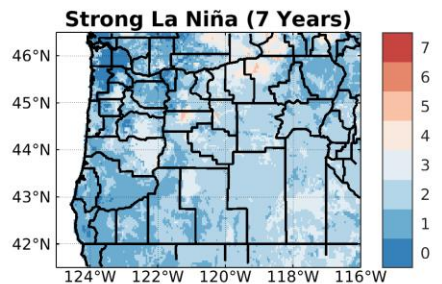




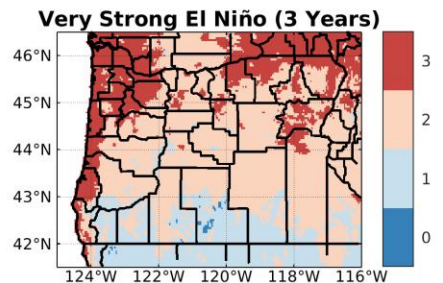
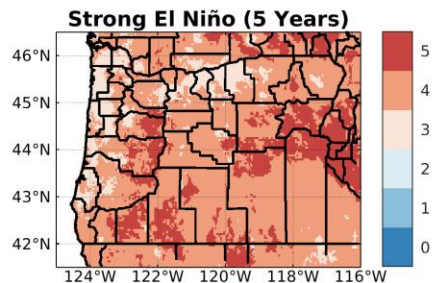
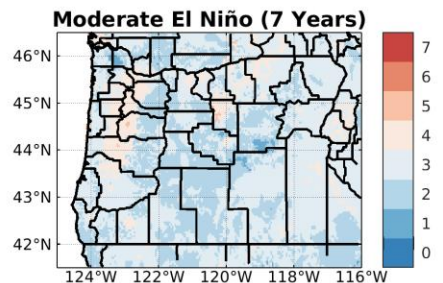
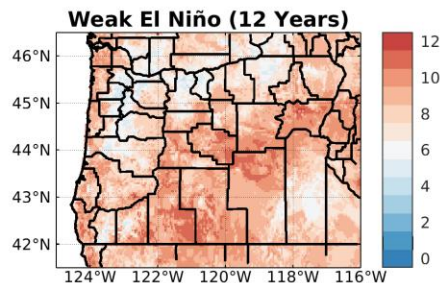
Click to Plot/Remove Years of Interest		(number of missing days in parentheses)						Resort table by year
1938: - (52)	1944: 6.08	1987: 6.96	2003: 8.23	2000: 9.65	1985: 10.41	1967: 11.47	1953: 13.66	
2015: 3.40	1949: 6.21	2021: 7.25	2014: 8.50	2017: 9.71	2012: 10.61	1982: 11.85	1971: 13.86	
2025: 3.85 (1)	1994: 6.23	1940: 7.29	1958: 8.72	1960: 9.81	2007: 10.70	1972: 12.11	1962: 14.56	
1966: 4.15	1970: 6.35	1959: 7.30	1961: 8.74	1992: 9.85	1991: 10.73	1963: 12.13	1990: 14.57	
2018: 4.19	1945: 6.40	1980: 7.35	1989: 9.01	2020: 9.94	1941: 10.77	2010: 12.19	1997: 15.18	
1964: 4.52	1976: 6.61	2024: 7.51	1998: 9.12	1957: 10.03	2019: 10.88	1955: 12.25	1981: 15.24	
1974: 4.54	2006: 6.78	1956: 7.56	2005: 9.33	1943: 10.04	2004: 11.02	1969: 13.20	1984: 16.39	
2002: 5.13	1954: 6.80	1942: 7.91	2011: 9.44	2022: 10.07	1988: 11.19	2016: 13.43	1947: 17.31	
2008: 5.22	1965: 6.86	1939: 7.98	2009: 9.51	1986: 10.22	1983: 11.34	1995: 13.46	1968: 17.68	
1999: 5.49	2023: 6.86	1973: 8.08	1946: 9.58	1950: 10.34	1948: 11.41	1978: 13.57	1979: 18.16	
2001: 5.62	1952: 6.89	1951: 8.15	1977: 9.61	1975: 10.41	2013: 11.43	1996: 13.60 (3)	1993: 18.90	

Note regarding subsequent/missing values

Frequency of Occurrence: Warmer than Average (Detrended)

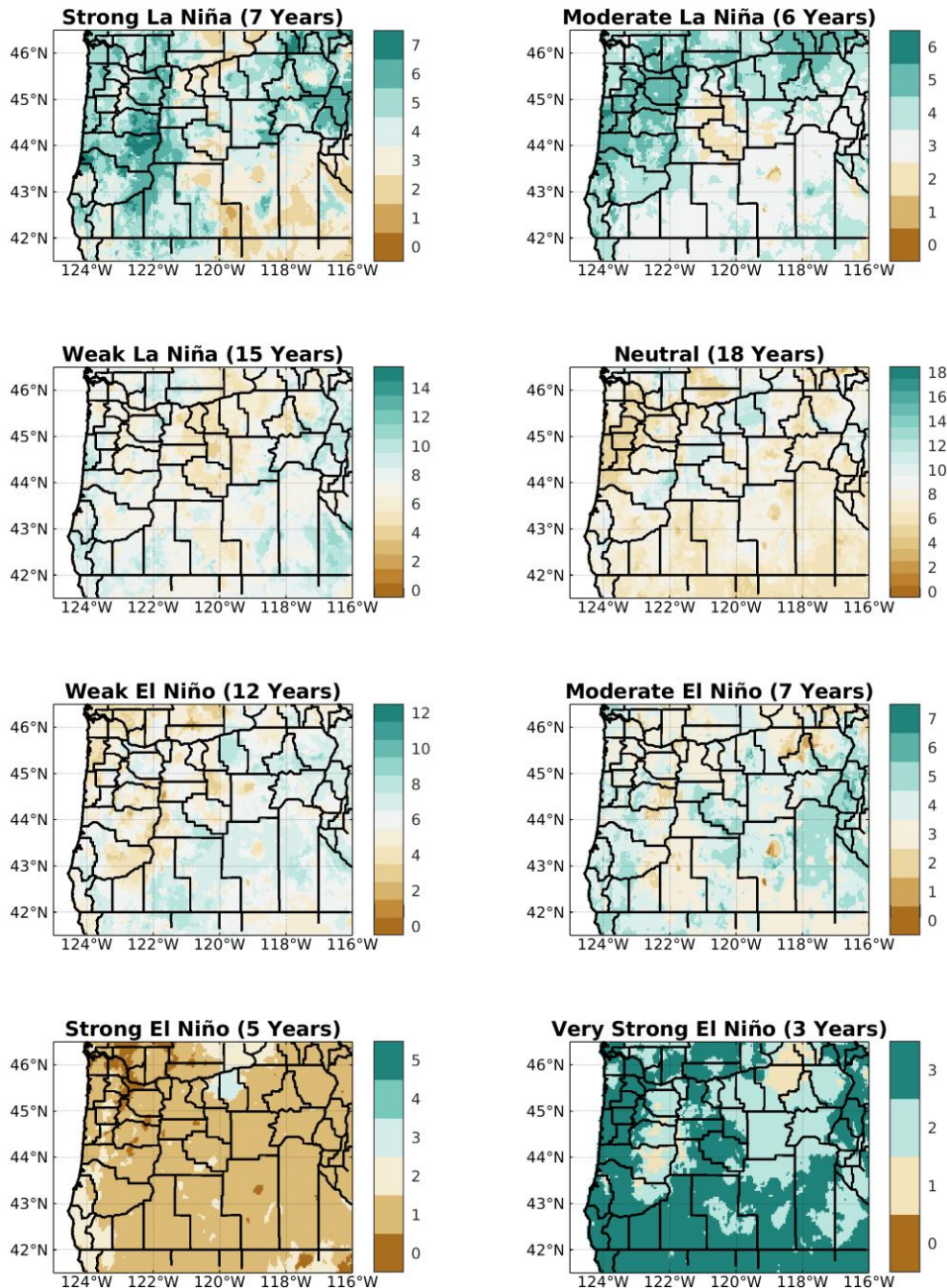


Weak La Ninas have a preference for cooler than normal temperatures



From the 7th Oregon Climate Assessment (released Jan 2025)

Frequency of Occurrence: Greater Precipitation than Average

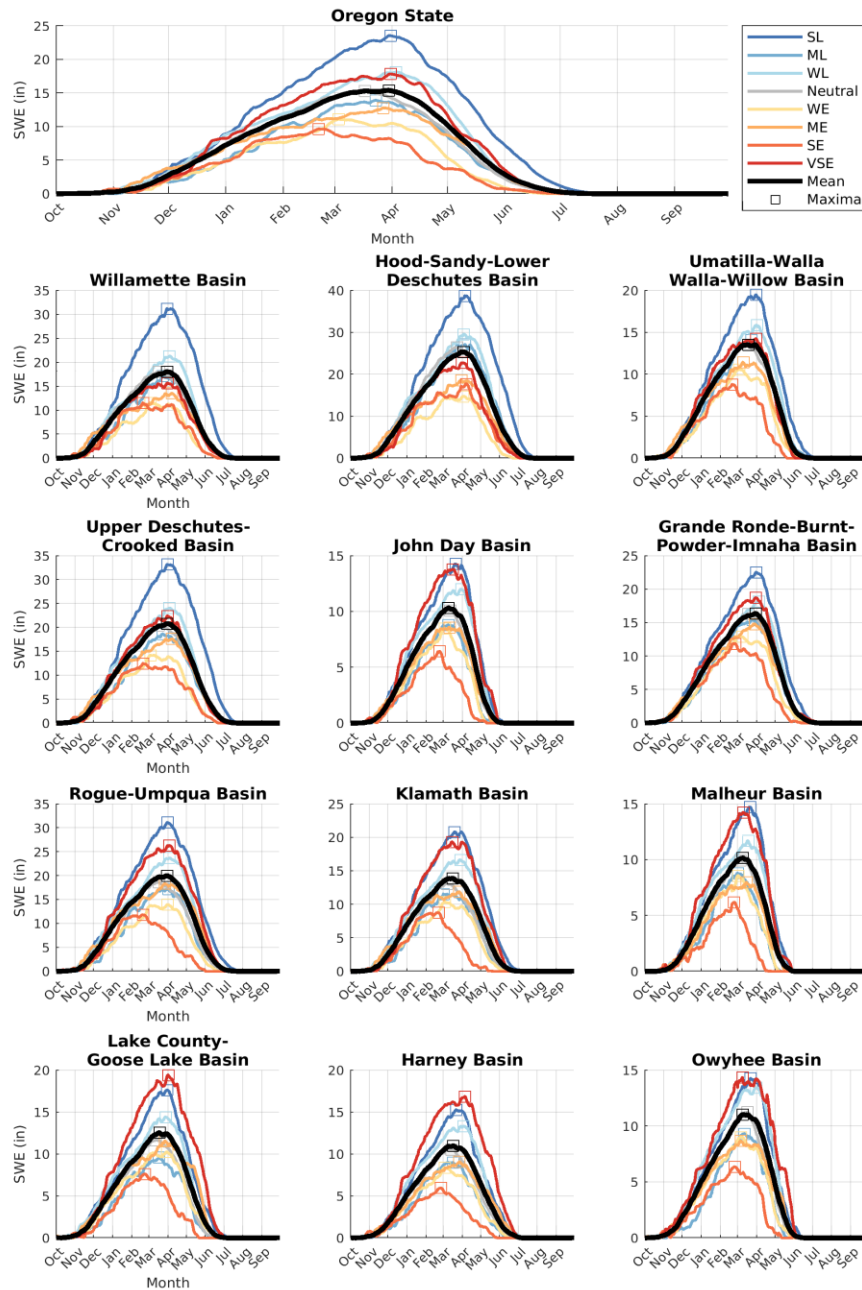


Weak La Ninas do not have much of a preference for wetter or drier conditions for the complete water year

While not shown, winter (DJF) has a slight preference for wetter than normal conditions in western Oregon

From the 7th Oregon Climate Assessment (released Jan 2025)

Daily Average SWE

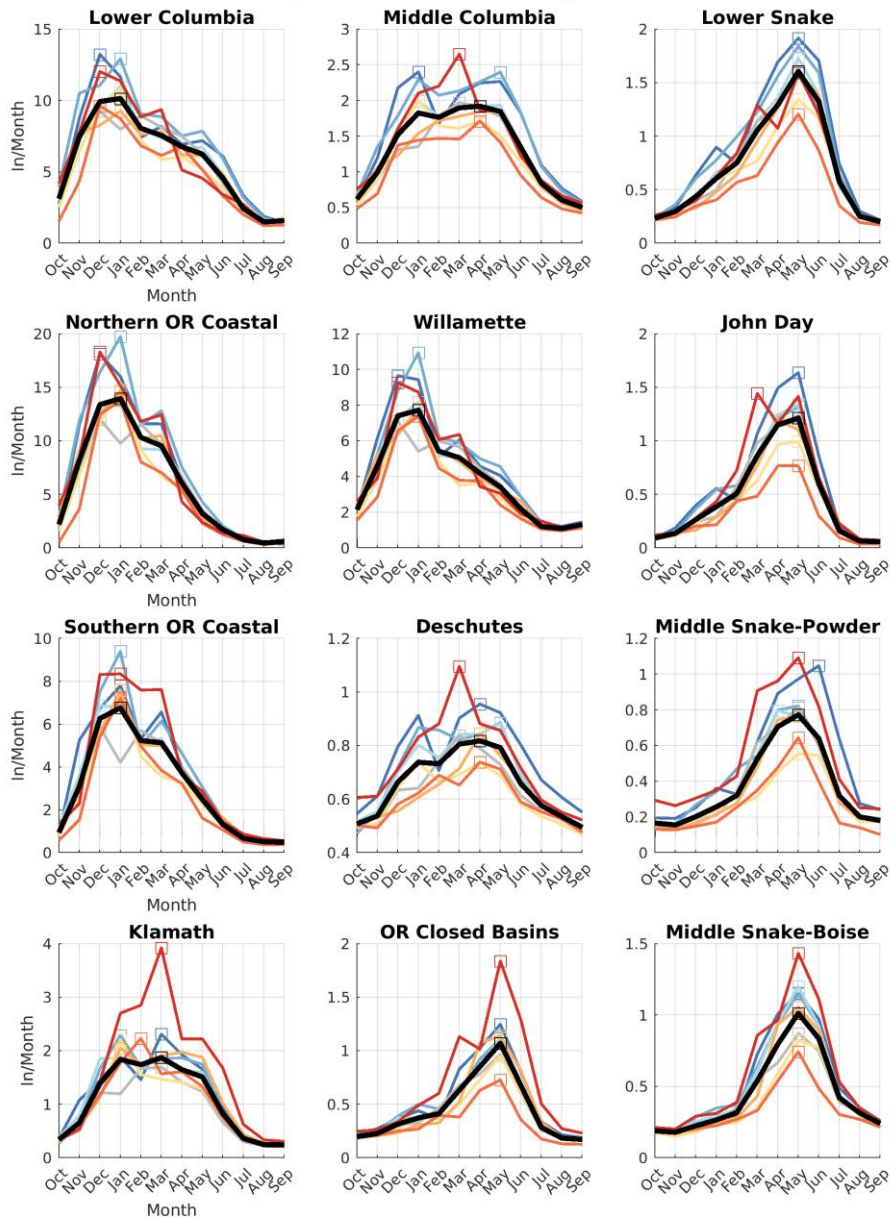


Weak La Ninas have a preference for above average SWE in most basins in Oregon

From the 7th Oregon Climate Assessment (released Jan 2025)

Basin Runoff

Flow per Month Normalized by Basin Area



Weak La Ninas have a preference for higher than average basin runoff in most of Oregon

From the 7th Oregon Climate Assessment (released Jan 2025)



Water Supply Availability
Committee
Oregon Water Resources
Department

Cameron Greenwood
October 22, 2025

September % of Average Streamflow - WY 2025

POR: 1991-2020

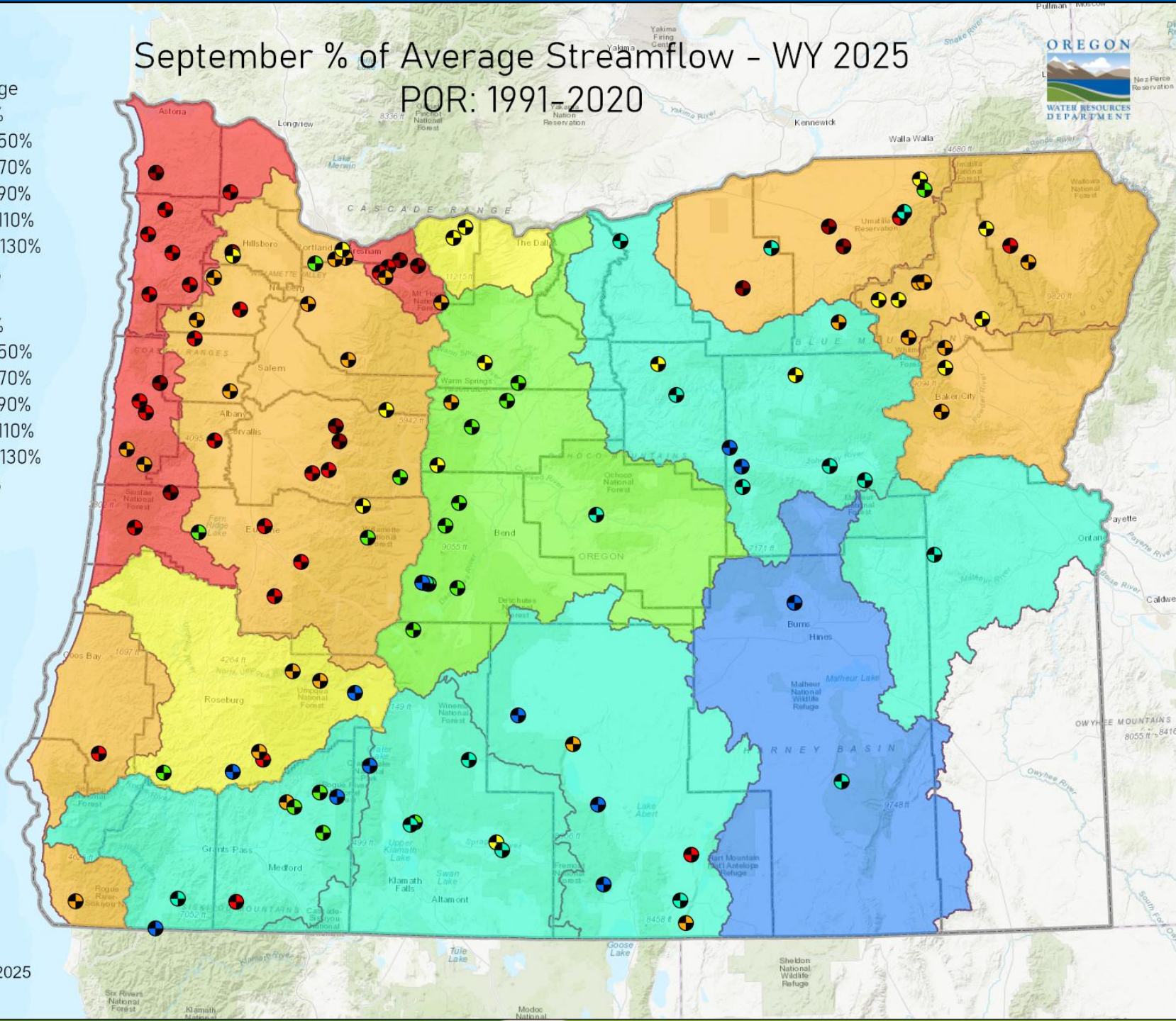


Stream Gage

- <= 30%
- 31% - 50%
- 51% - 70%
- 71% - 90%
- 91% - 110%
- 111% - 130%
- > 130%

Counties

- <= 30%
- 31% - 50%
- 51% - 70%
- 71% - 90%
- 91% - 110%
- 111% - 130%
- > 130%



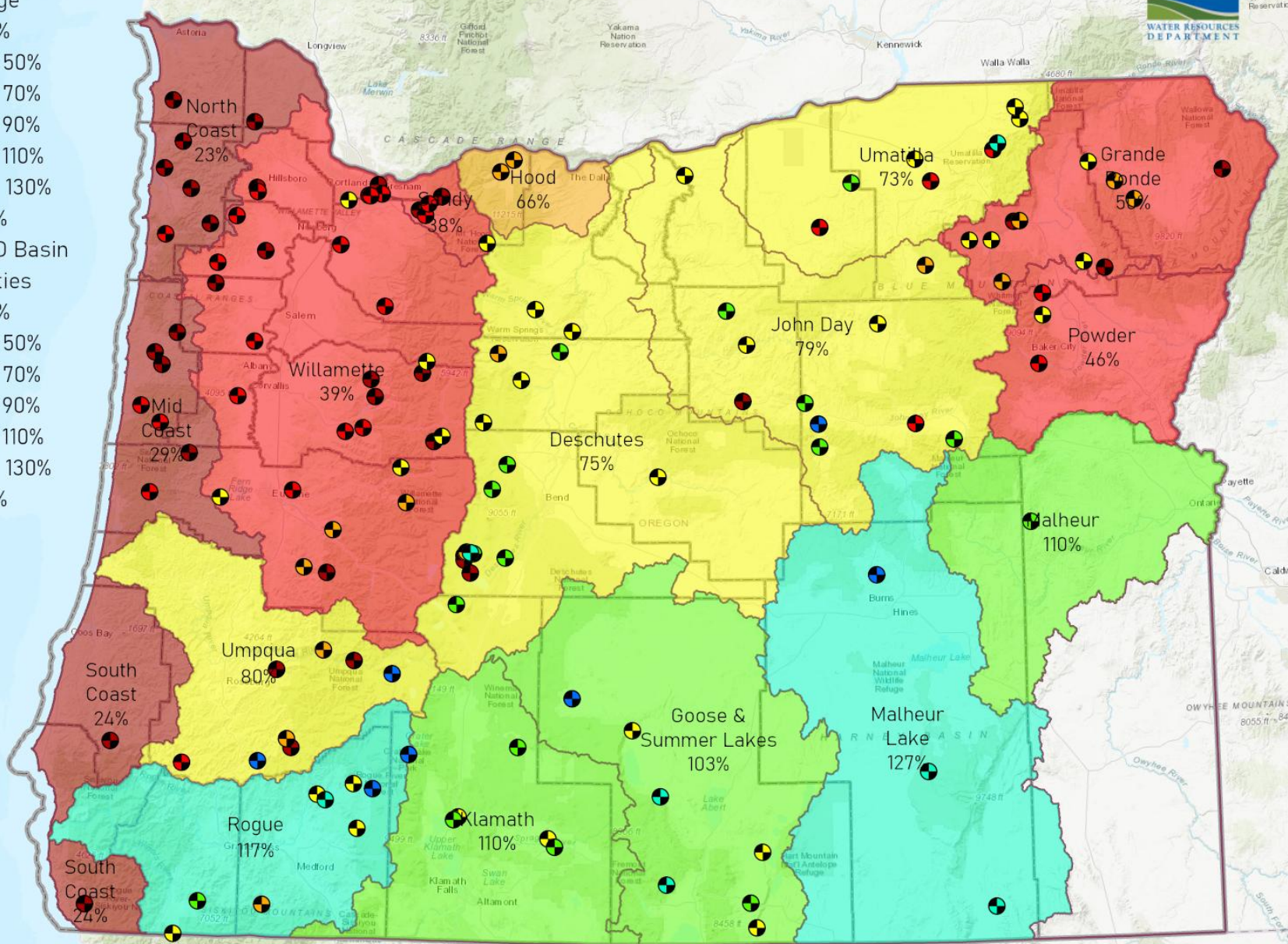
Date: 10/22/2025

Water Year To Date % of Average Streamflow - October 21, 2025



Stream Gage

- <= 30%
 - 31% - 50%
 - 51% - 70%
 - 71% - 90%
 - 91% - 110%
 - 111% - 130%
 - > 130%
- OWRD Basin
 Counties
- <= 30%
 - 31% - 50%
 - 51% - 70%
 - 71% - 90%
 - 91% - 110%
 - 111% - 130%
 - > 130%



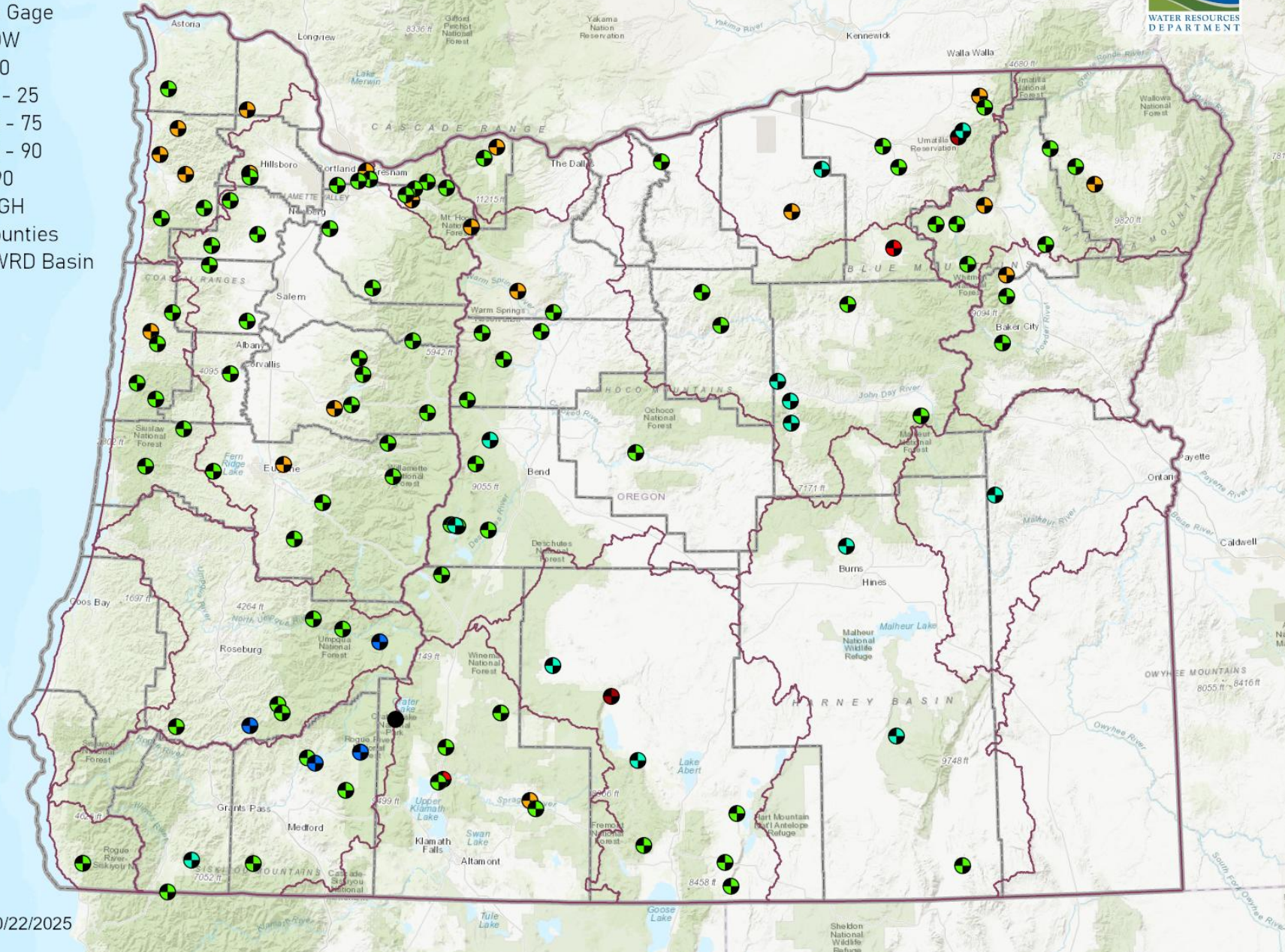
Date: 10/22/2025

7-Day Streamflow Percentile - October 20, 2025



Stream Gage

- LOW
- < 10
- 10 - 25
- 25 - 75
- 75 - 90
- > 90
- HIGH
- Counties
- OWRD Basin

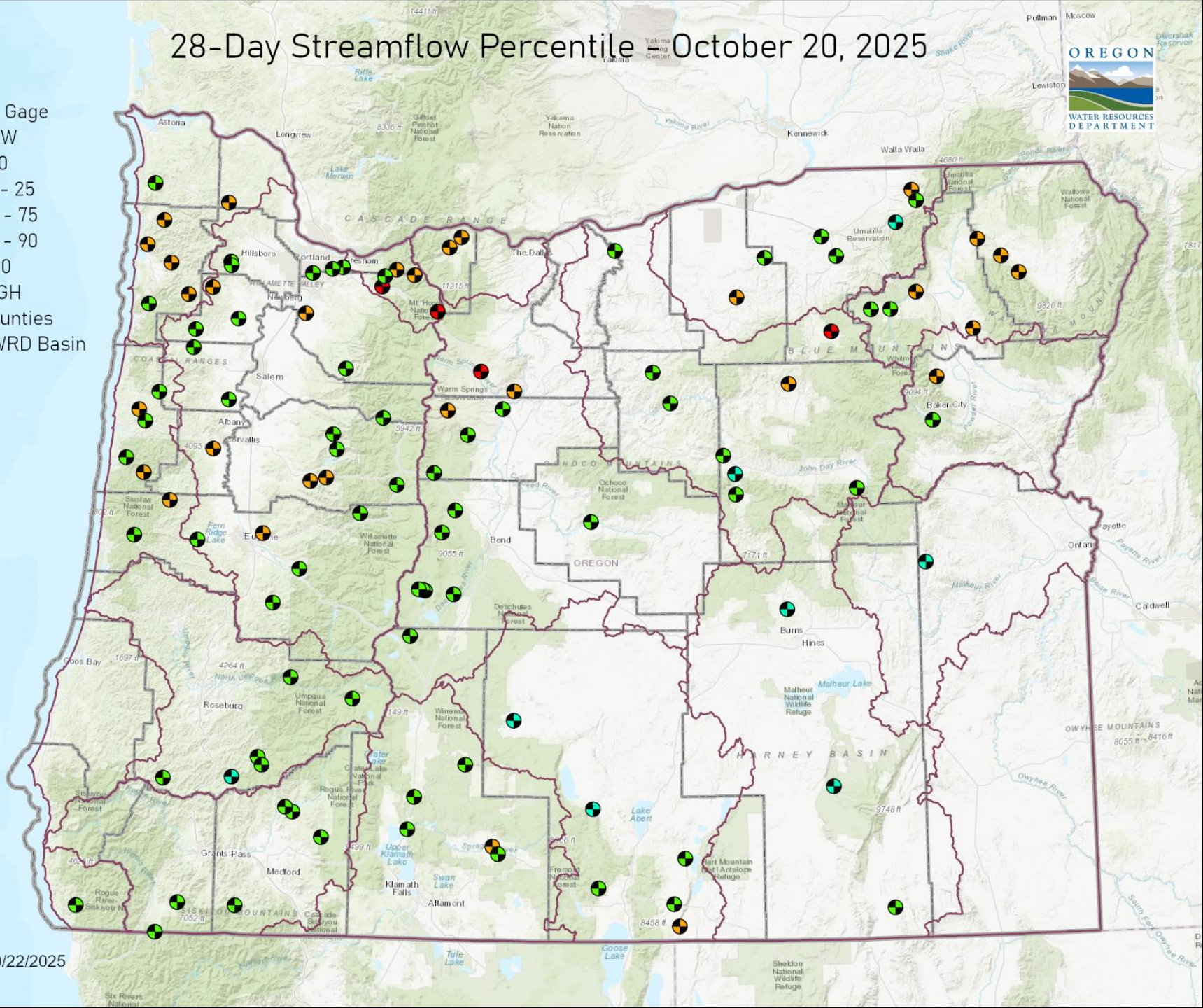


Date: 10/22/2025

28-Day Streamflow Percentile - October 20, 2025

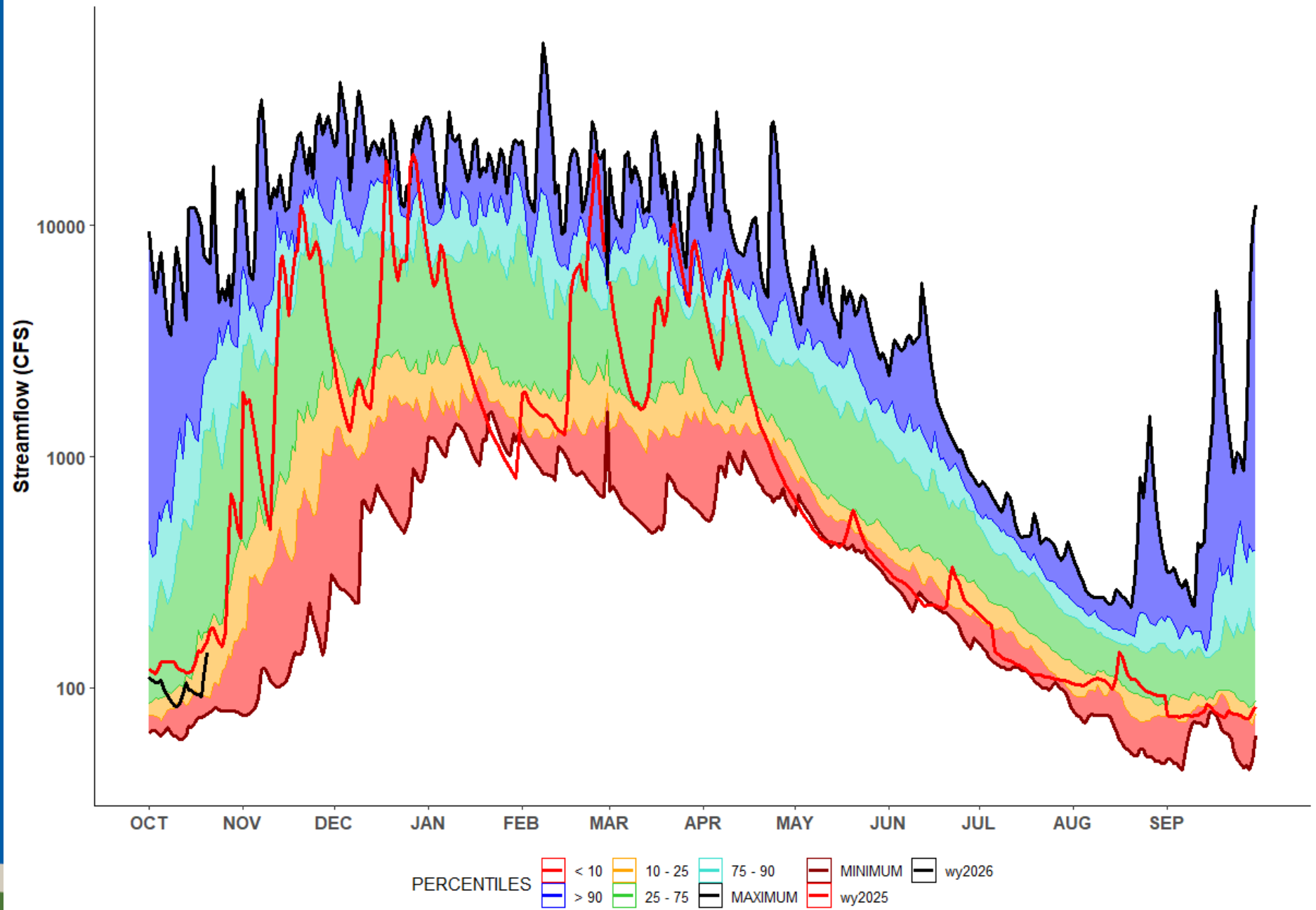


- Stream Gage
- LOW
 - < 10
 - 10 - 25
 - 25 - 75
 - 75 - 90
 - > 90
 - HIGH
- Counties
- OWRD Basin

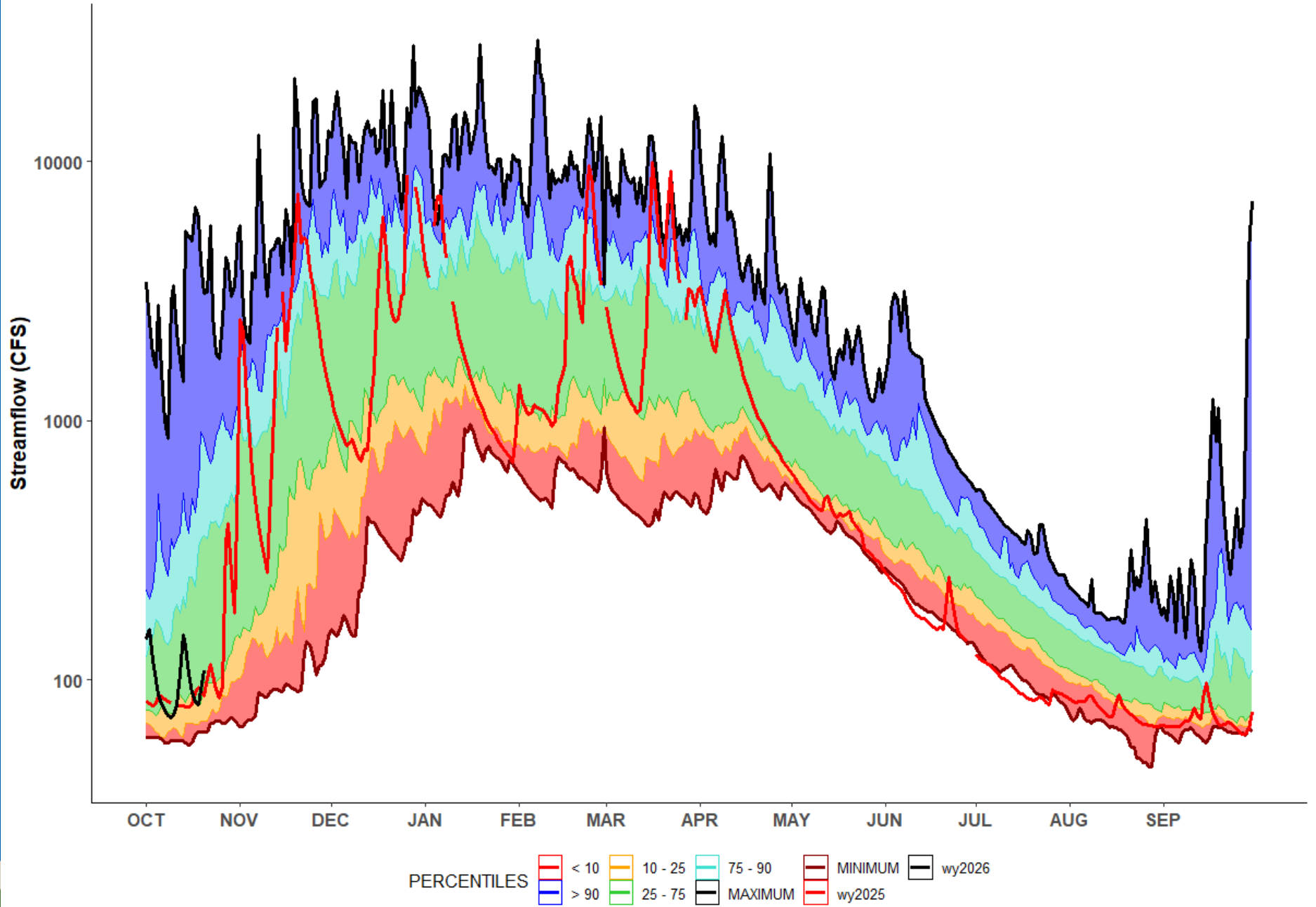


Date: 10/22/2025

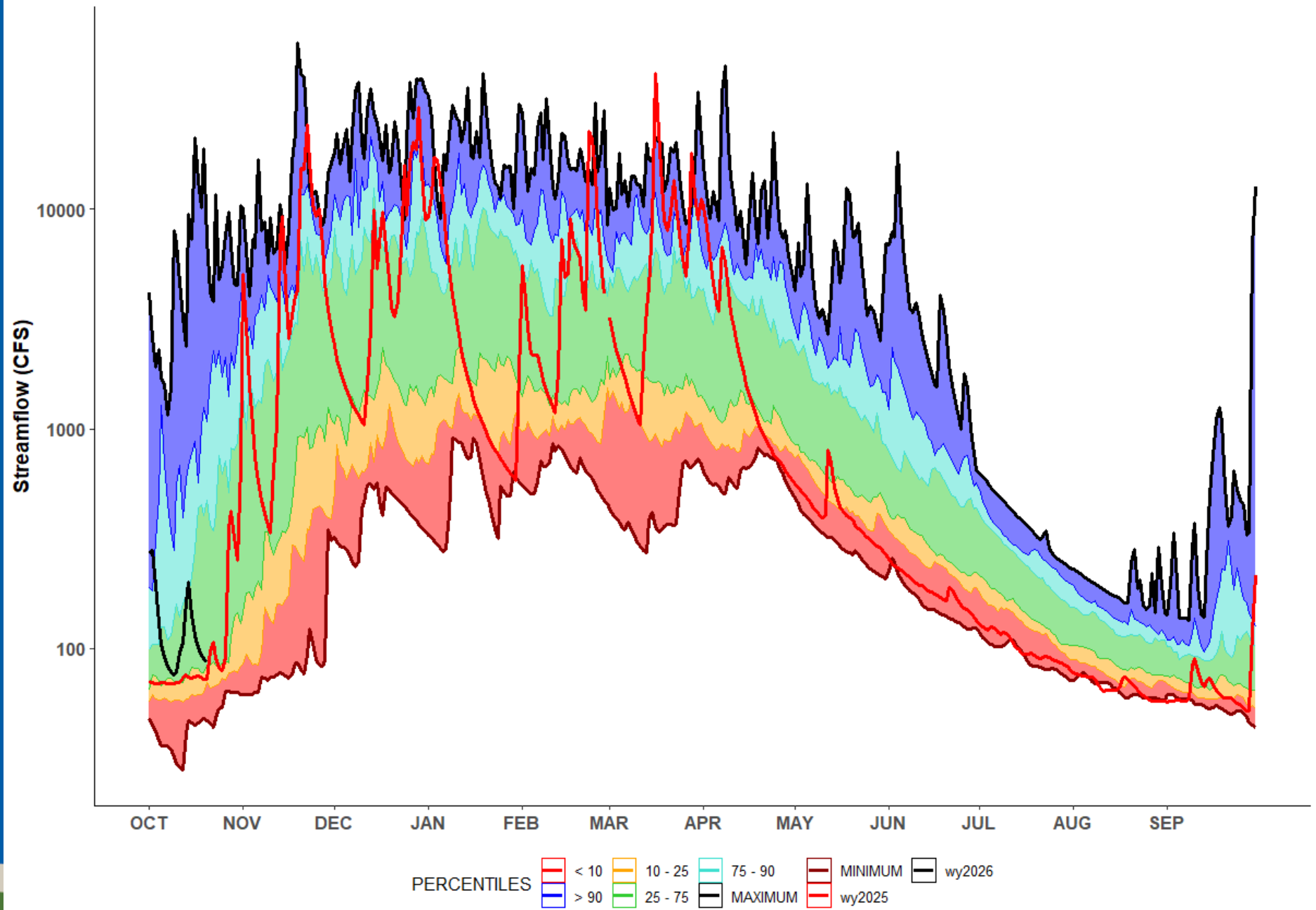
14301000 - NEHALEM R NR FOSS, OR
NORTH COAST BASIN
POR: 1991-2020



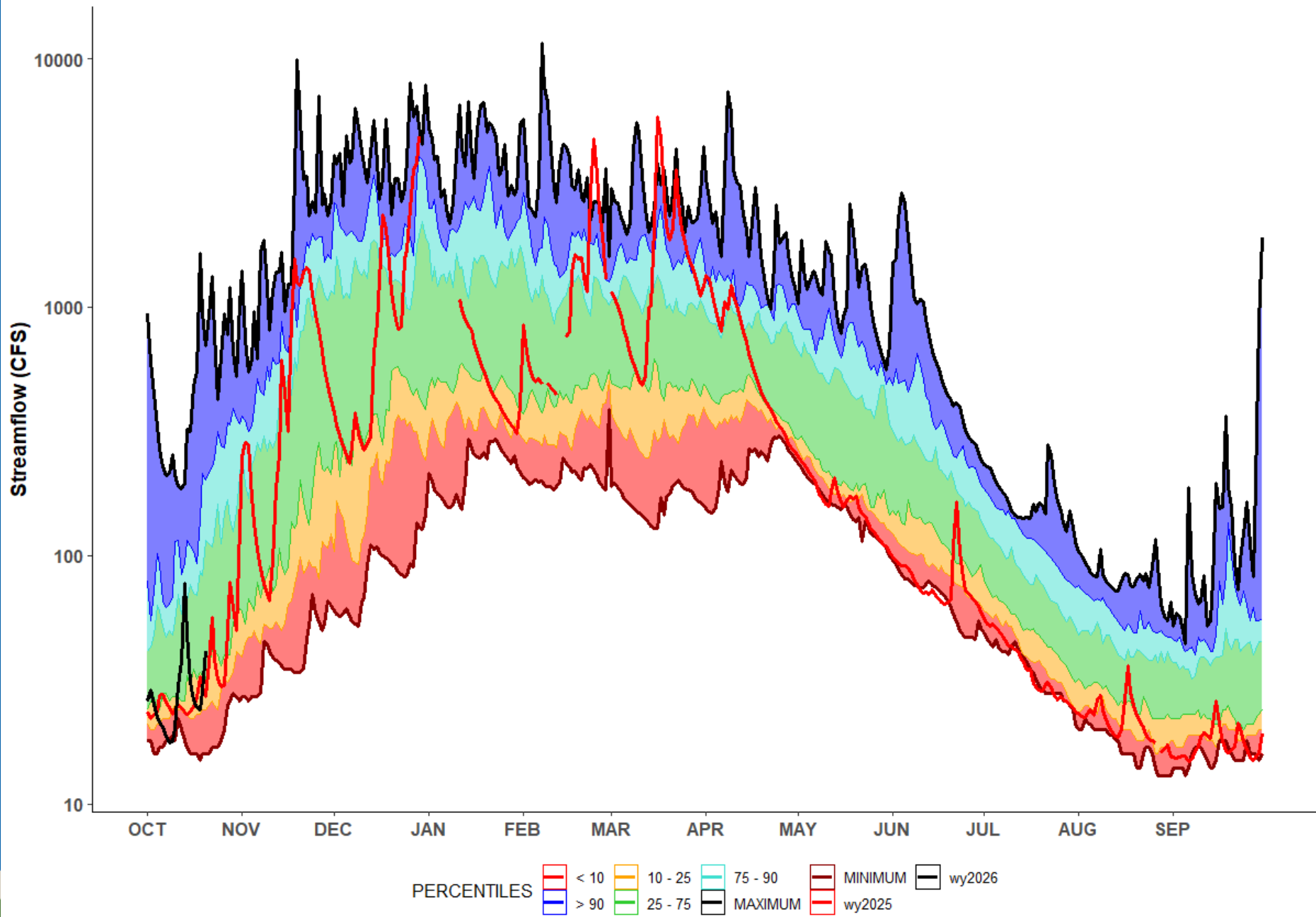
14306500 - ALSEA R NR TIDEWATER, OR
MID COAST BASIN
POR: 1991-2020



14400000 - CHETCO R NR BROOKINGS, OR
SOUTH COAST BASIN
POR: 1991-2020



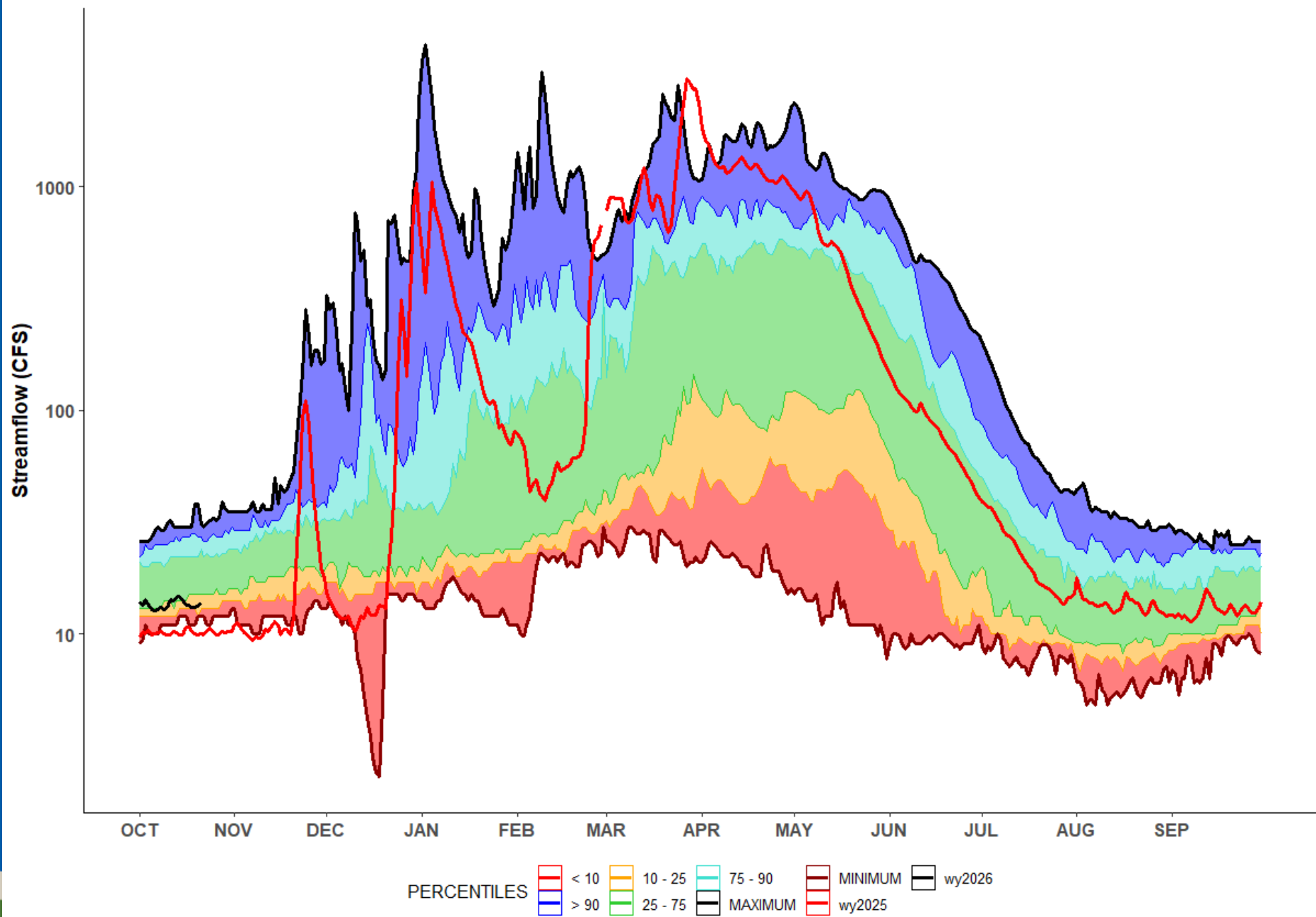
14165000 - MOHAWK R NR SPRINGFIELD, OR
WILLAMETTE BASIN
POR: 1991-2020



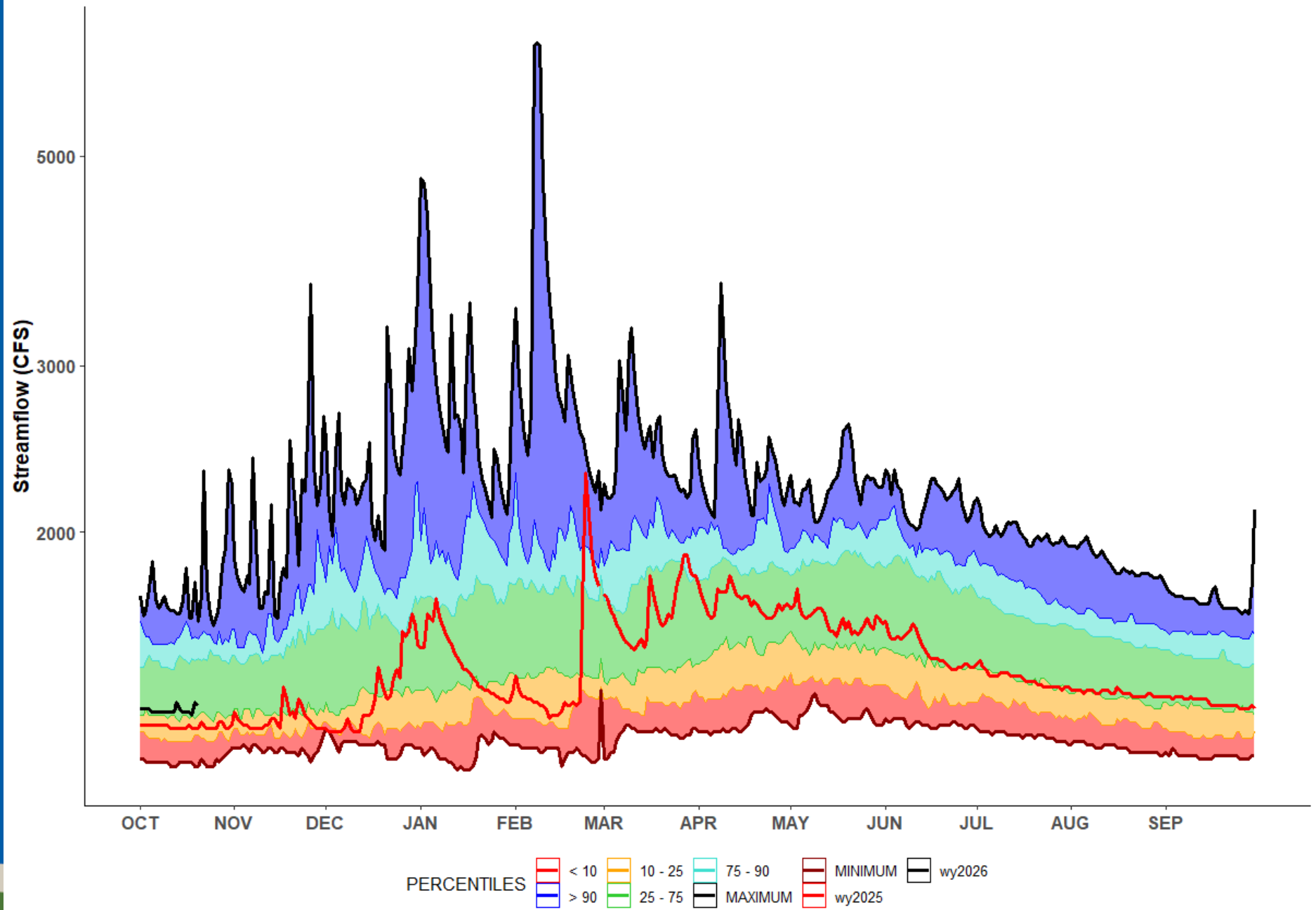
11499100 - SYCAN R BL SNAKE CR NR BEATTY, OR

KLAMATH BASIN

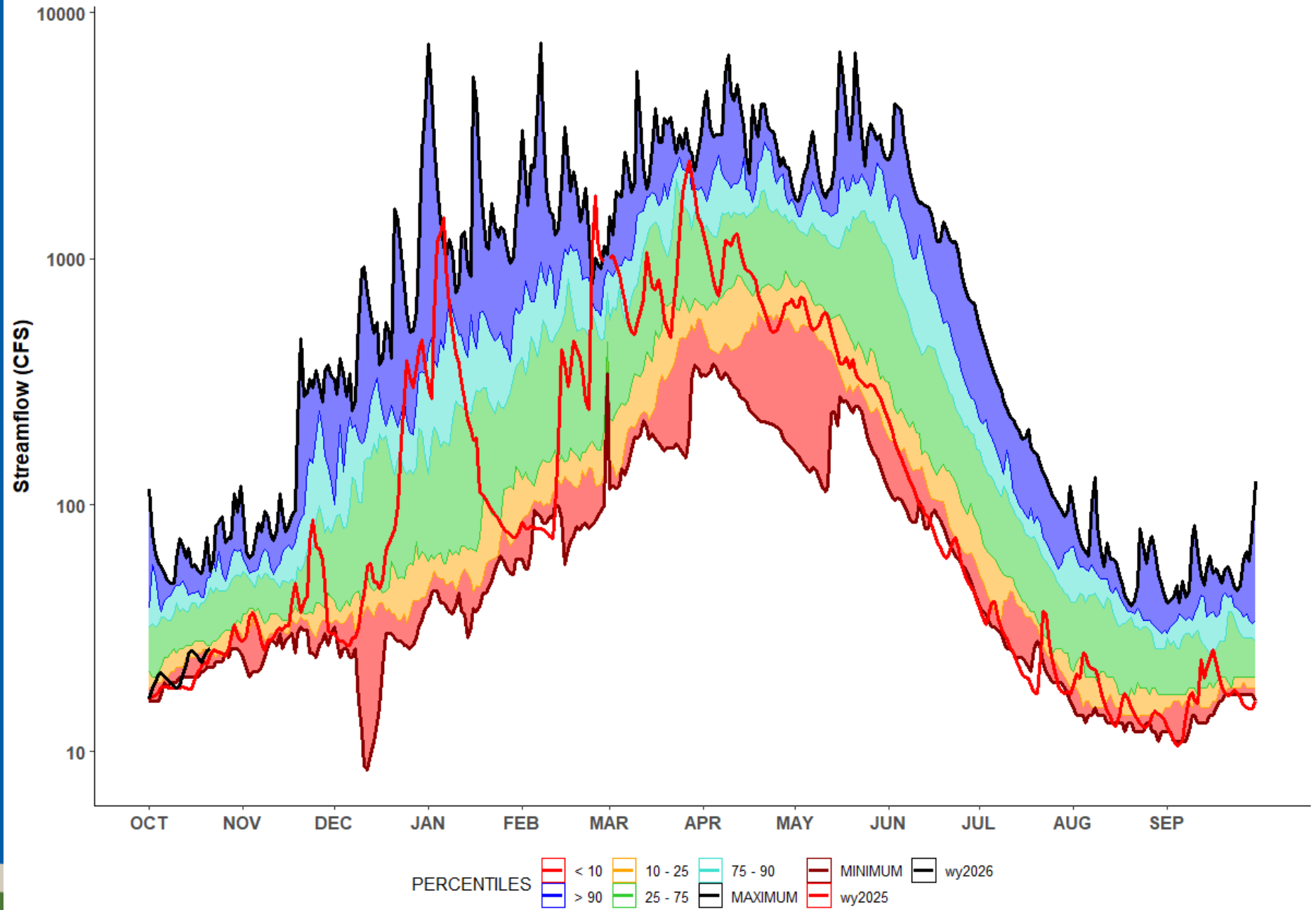
POR: 1991-2020



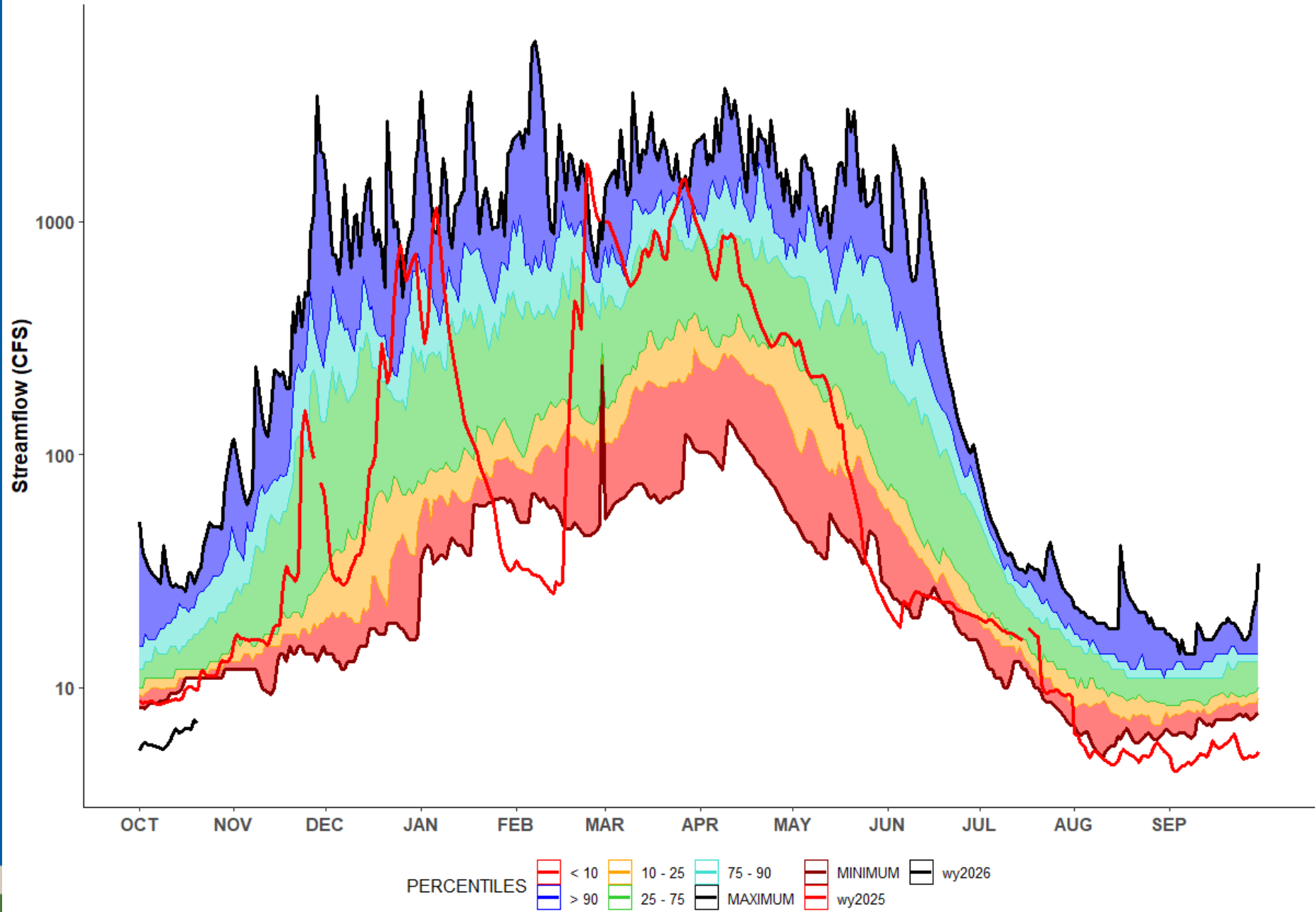
14091500 - METOLIUS R NR GRANDVIEW, OR
DESCHUTES BASIN
POR: 1991-2020



13318960 - GRANDE RONDE R NR PERRY, OR
GRANDE RONDE BASIN
POR: 1991-2020



14020300 - MEACHAM CR AT GIBBON, OR
UMATILLA BASIN
POR: 1991-2020



OREGON



WATER RESOURCES
DEPARTMENT

Thank you!

Questions?





— BUREAU OF —
RECLAMATION



Reclamation Storage Update

Oregon Water Supply Availability Committee Meeting

October 22, 2025

Basin Operations Summary

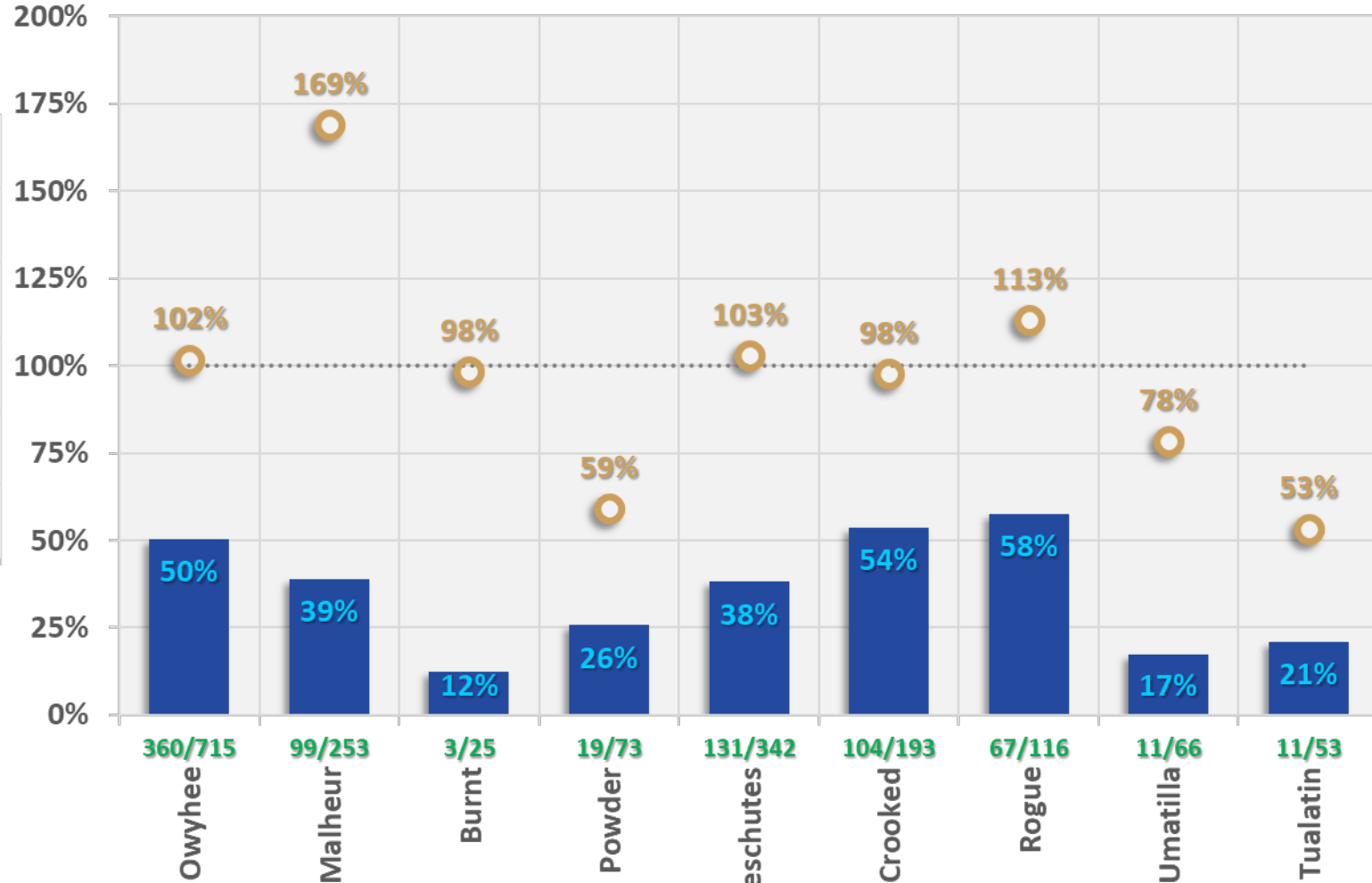
- **Operations Activities:**
 - Irrigation has ended in most basins, reservoirs beginning to fill
 - Preparing for WY2026 FRM season
- **Water Supply Notes**
 - WY2025 inflow volume generally normal to much above normal across Reclamation projects in OR
 - Near to above normal carryover in most reservoirs (except Scoggins)
 - Healthy storage water supply across Reclamation projects in OR



Storage Conditions

Oregon Reservoir Storage (Oct 21 2025)

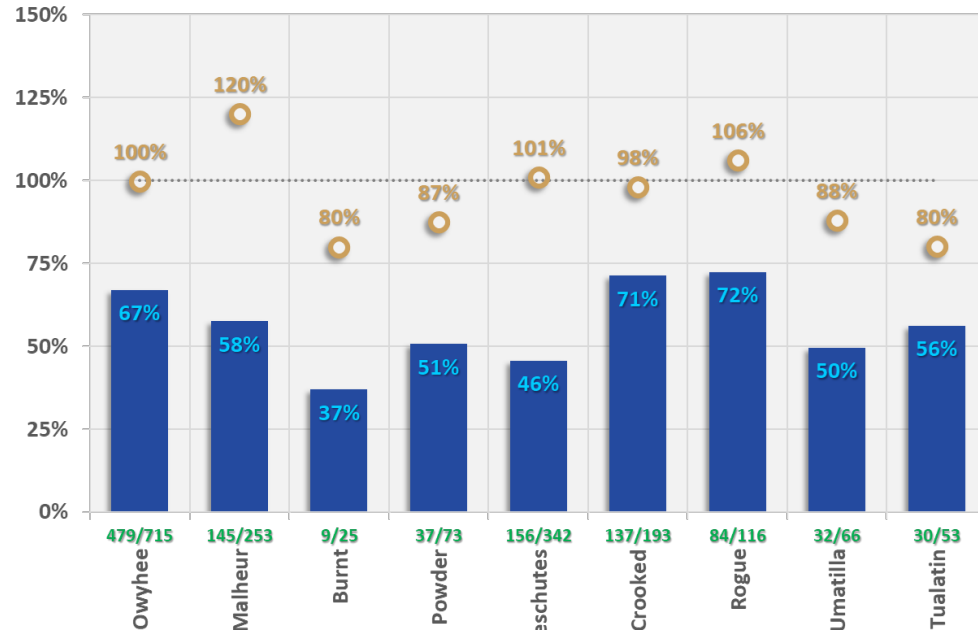
Oregon Reservoir Storage (Aug 11 2025)



■ Percent Full (Active Storage)
 ● POR Percent of Median
 Current/Full Storage (KAF)

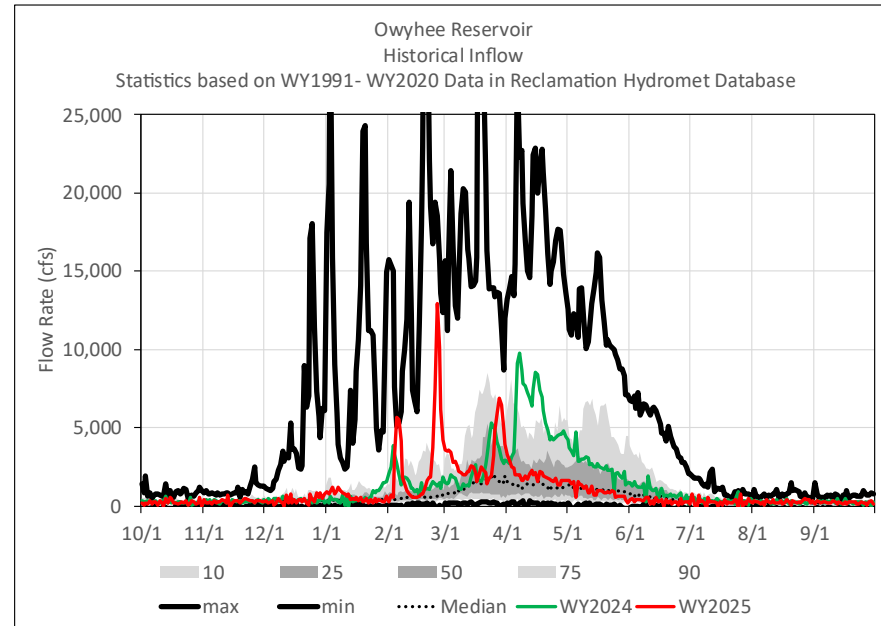
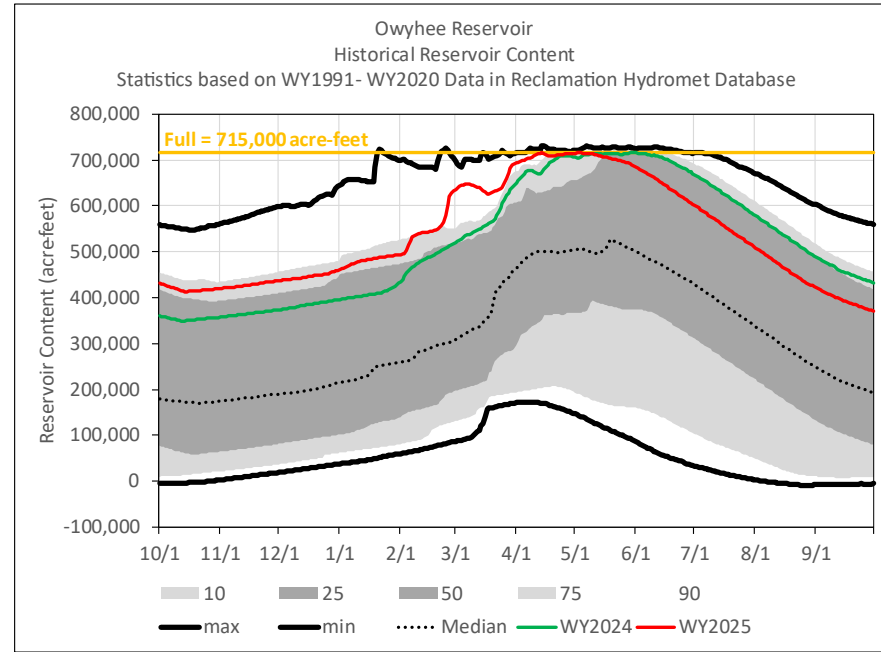
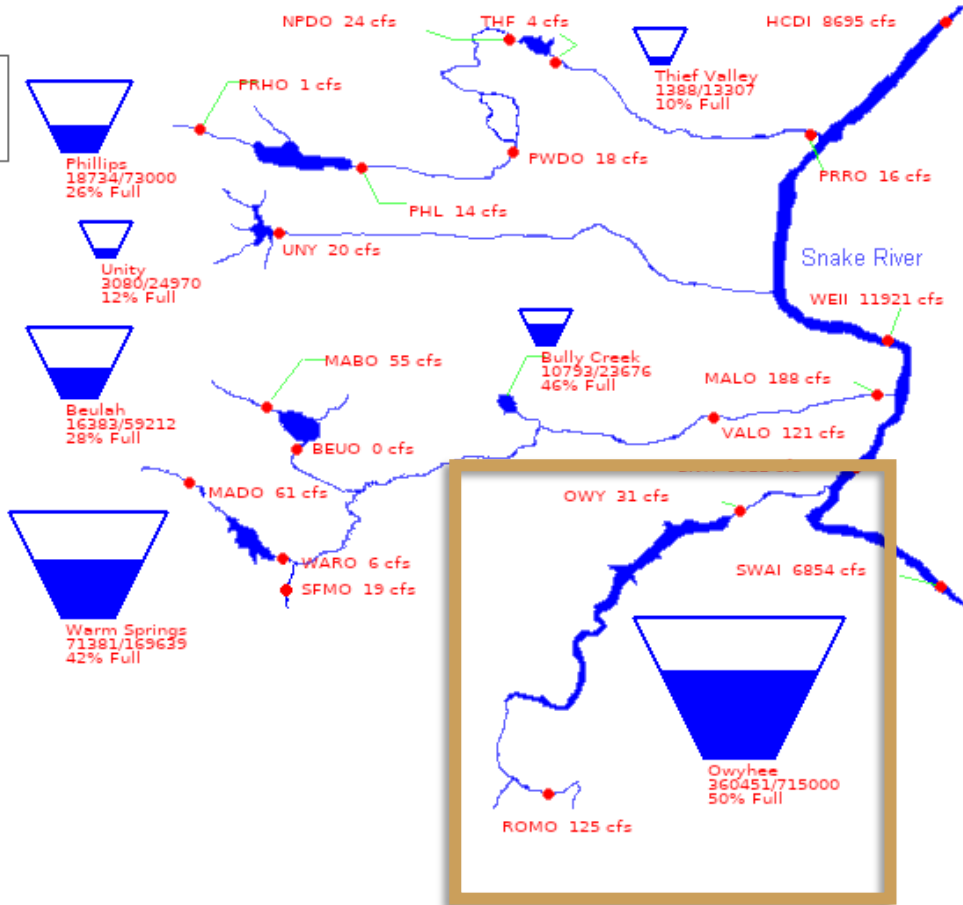
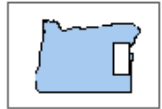


■ Percent Full (Active Storage)
 ● POR Percent of Median
 Current/Full Storage (KAF)



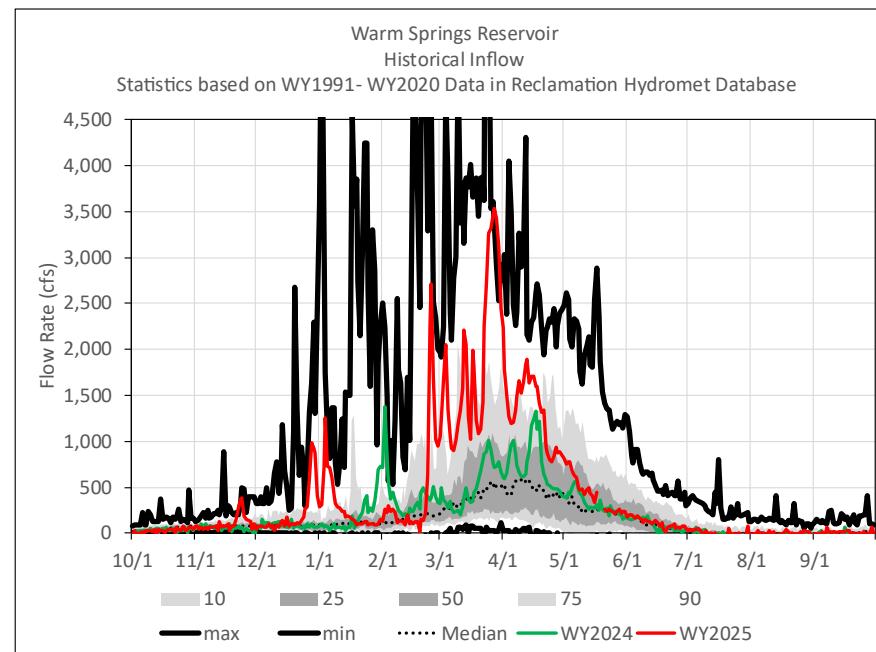
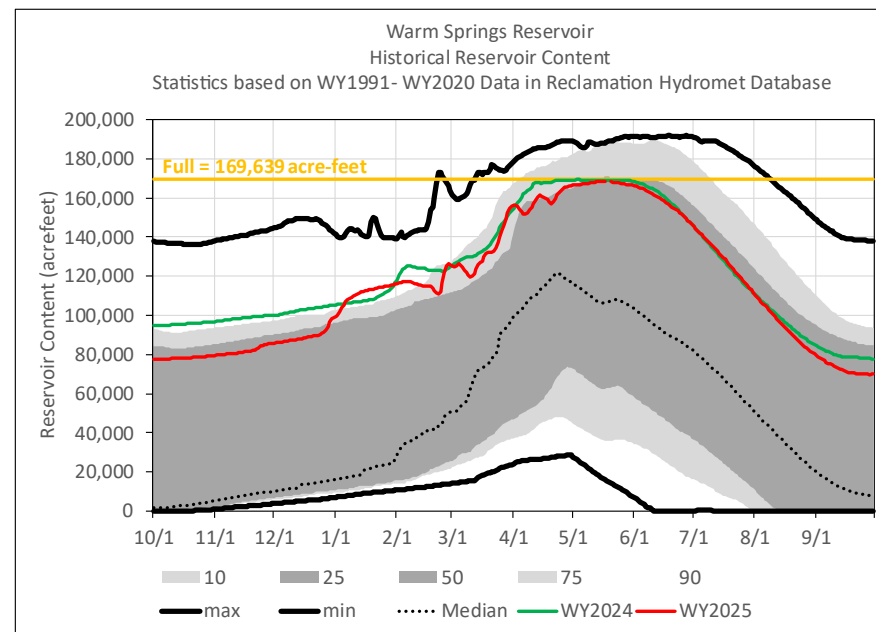
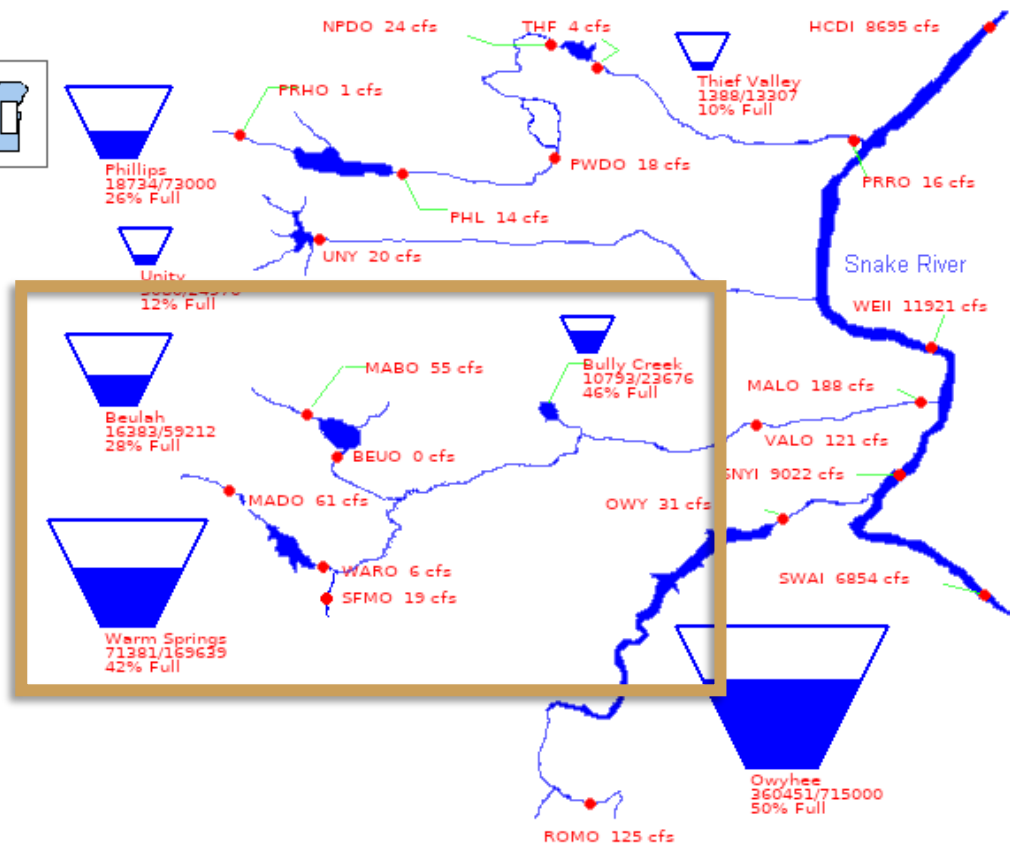
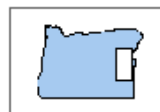
Owyhee River Basin

10/21/2025



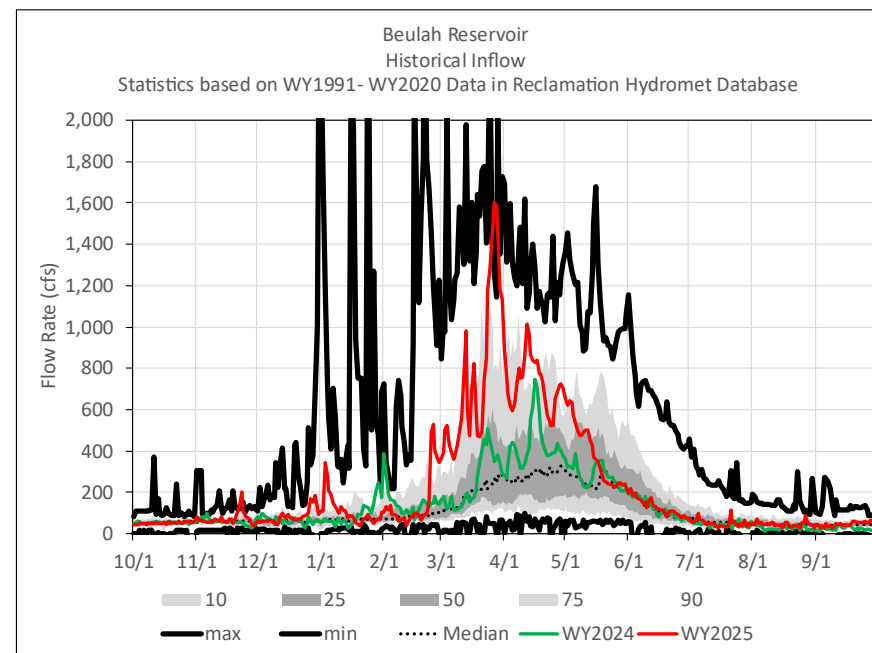
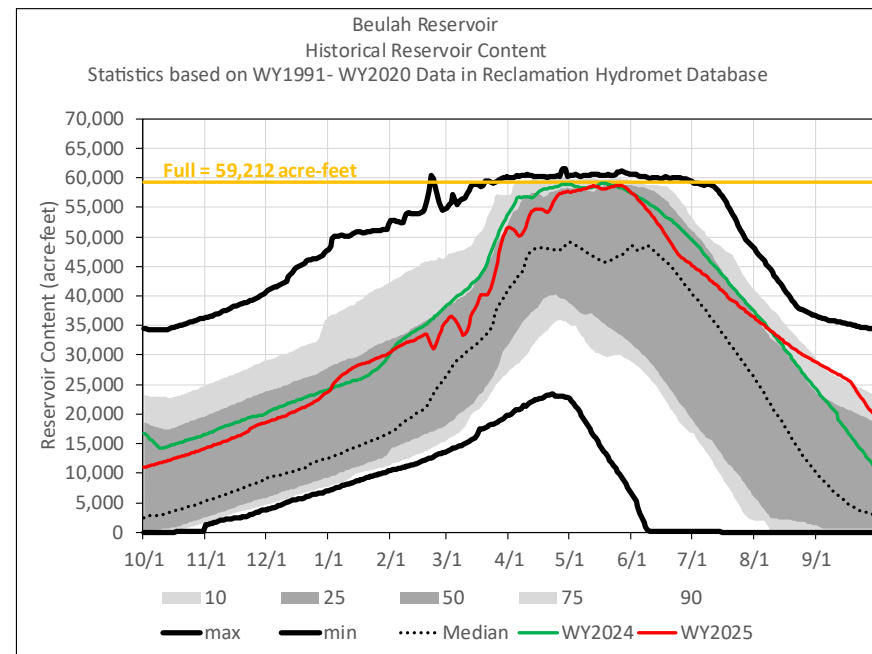
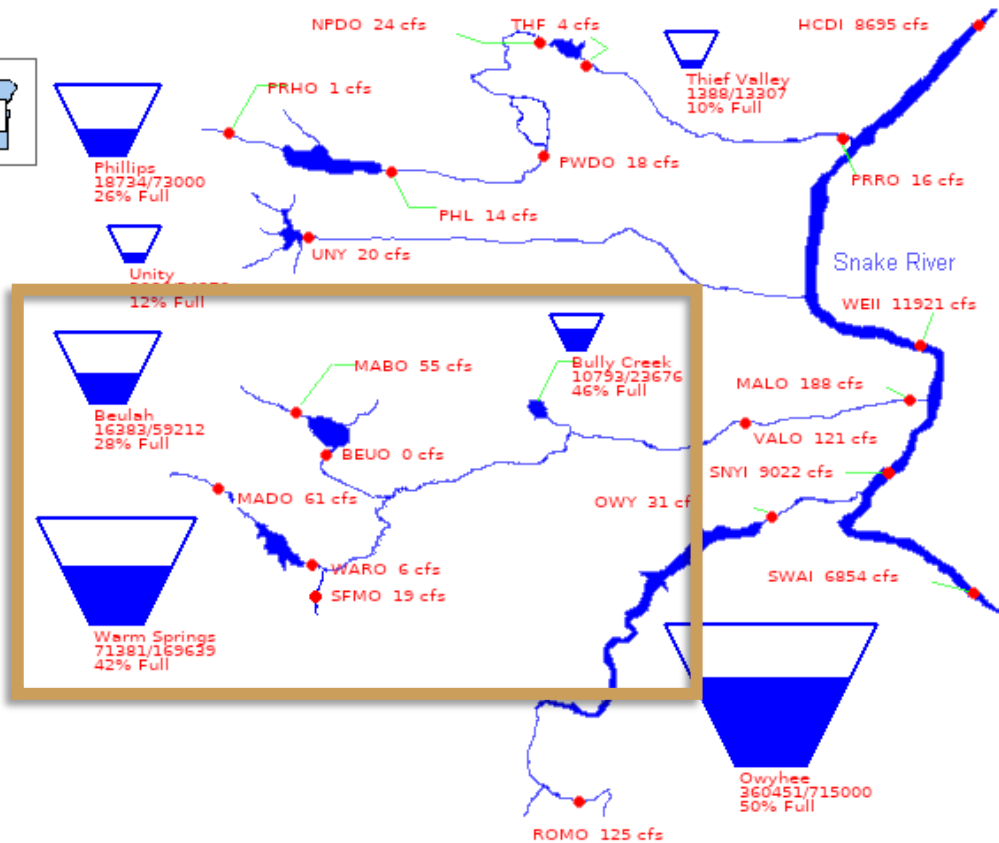
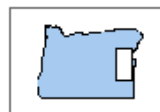
Malheur River Basin

10/21/2025



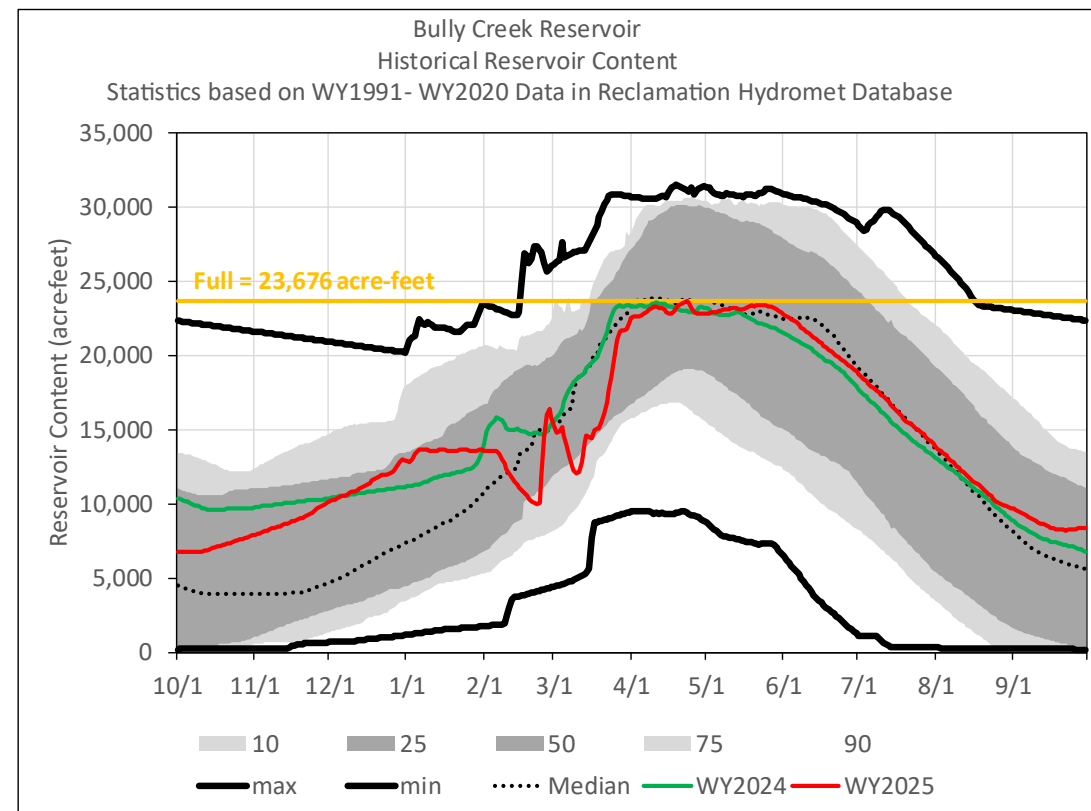
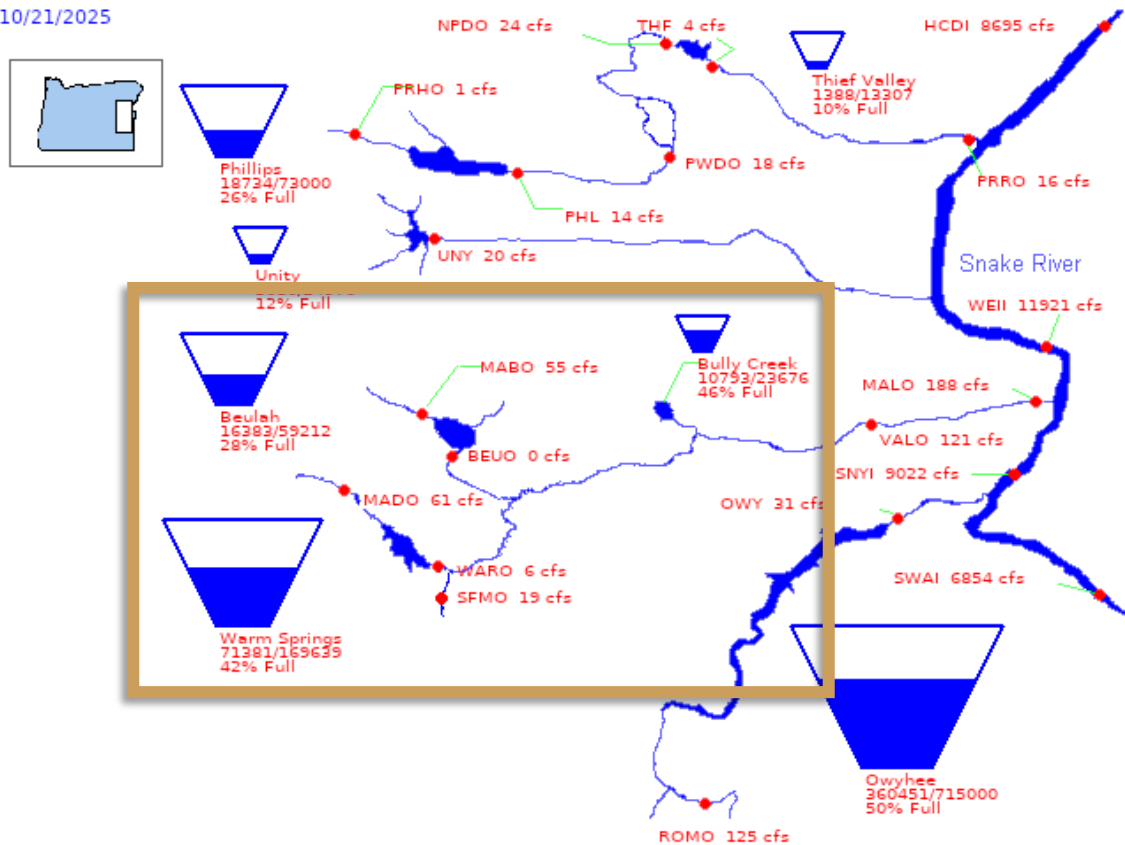
Malheur River Basin

10/21/2025



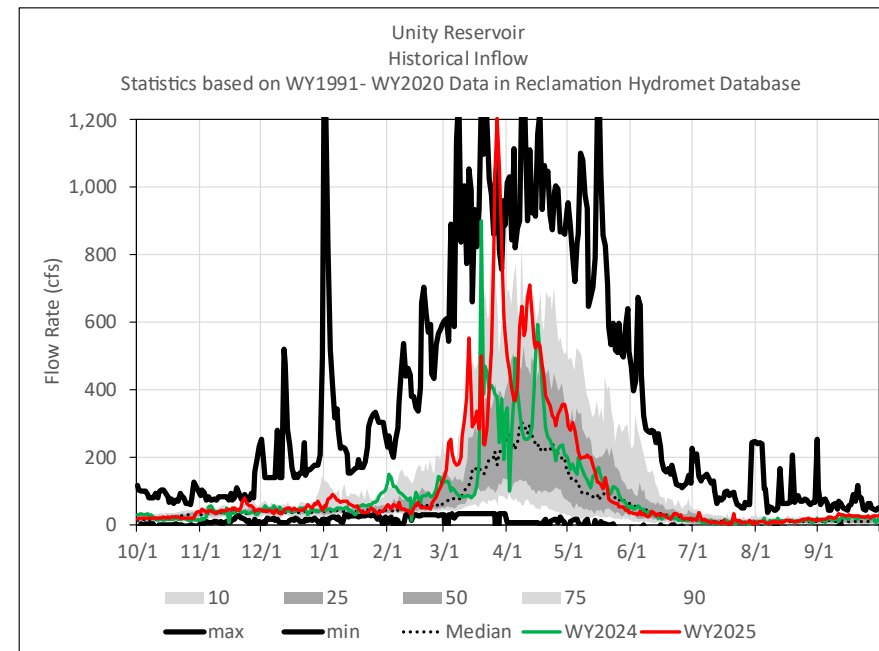
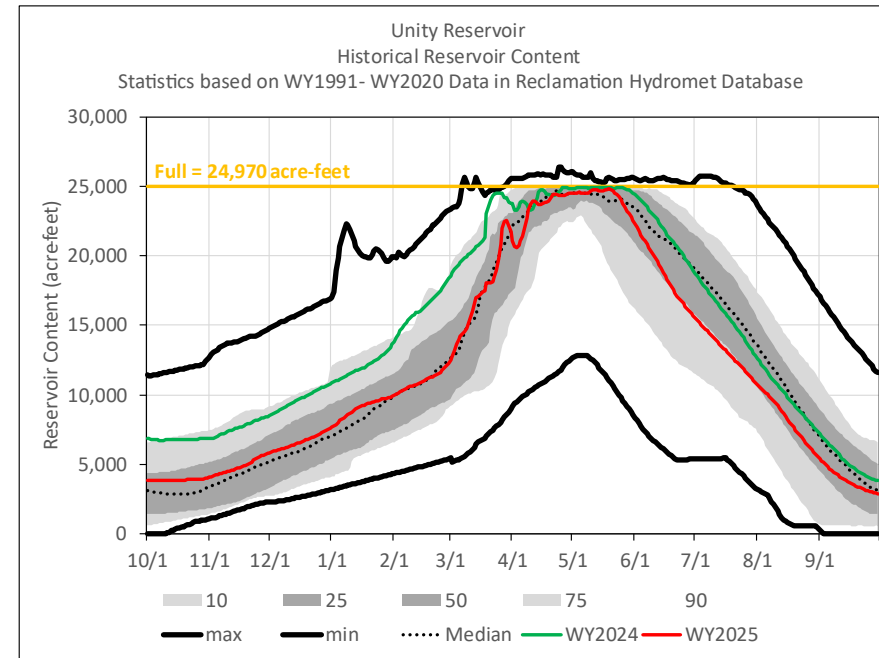
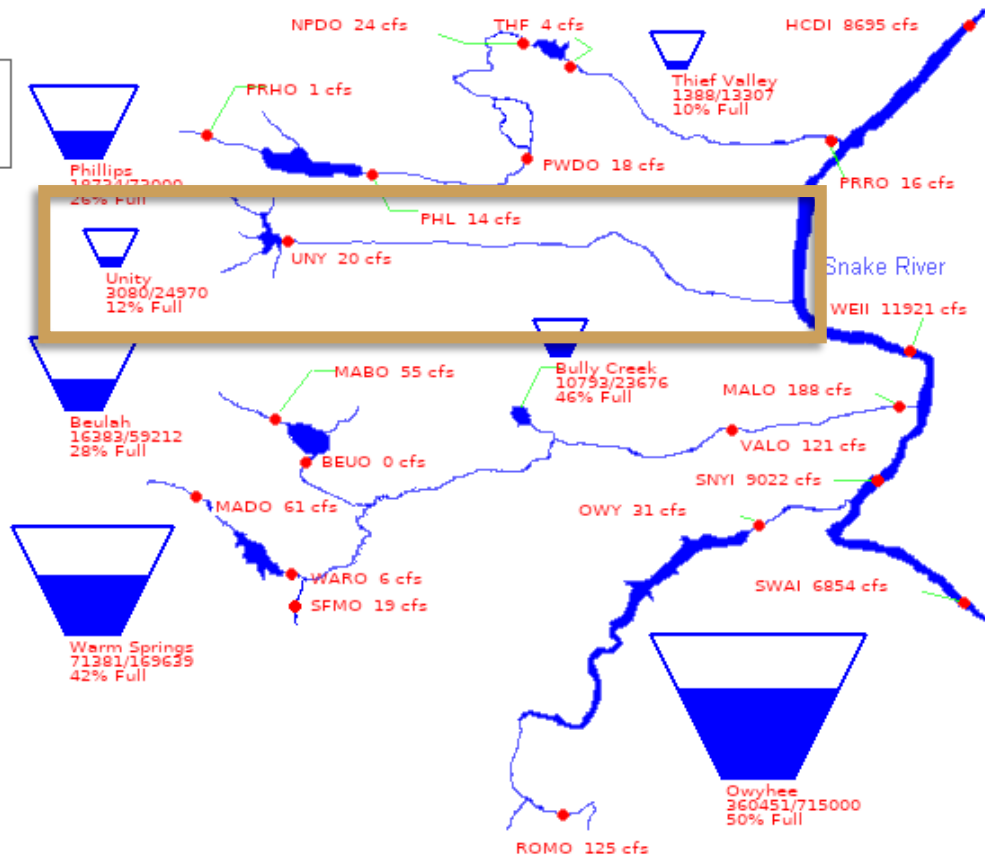
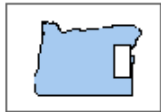
Malheur River Basin

10/21/2025



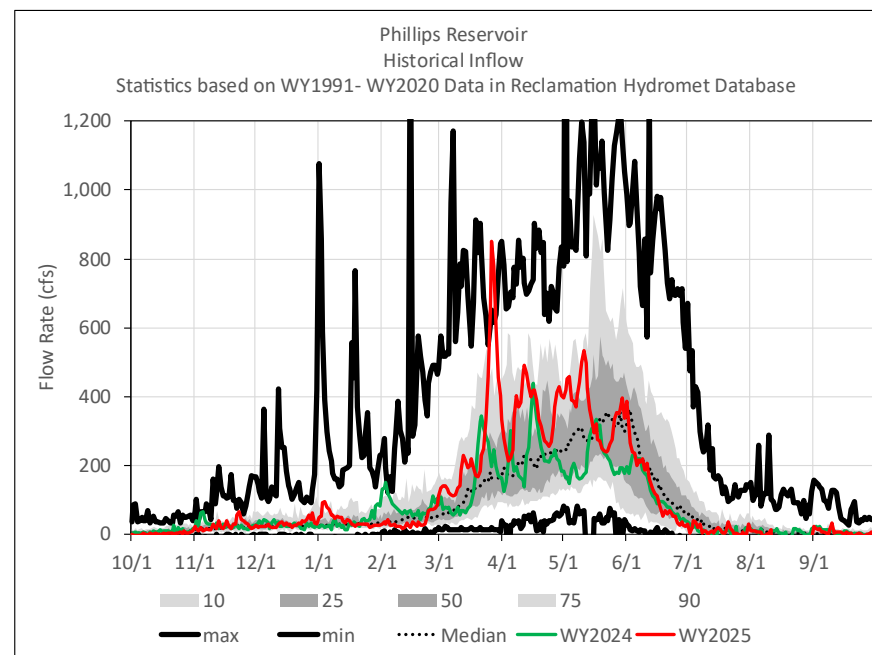
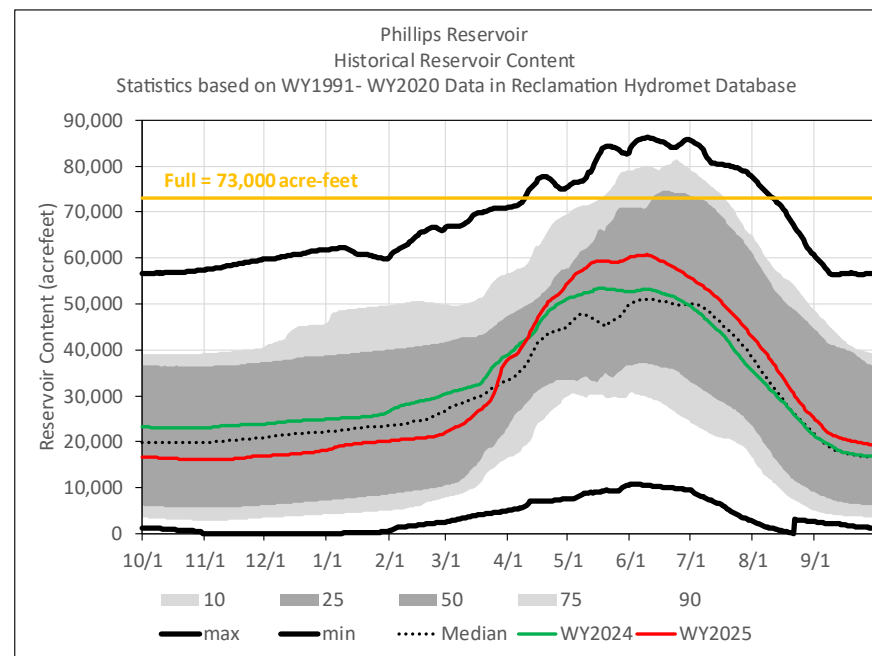
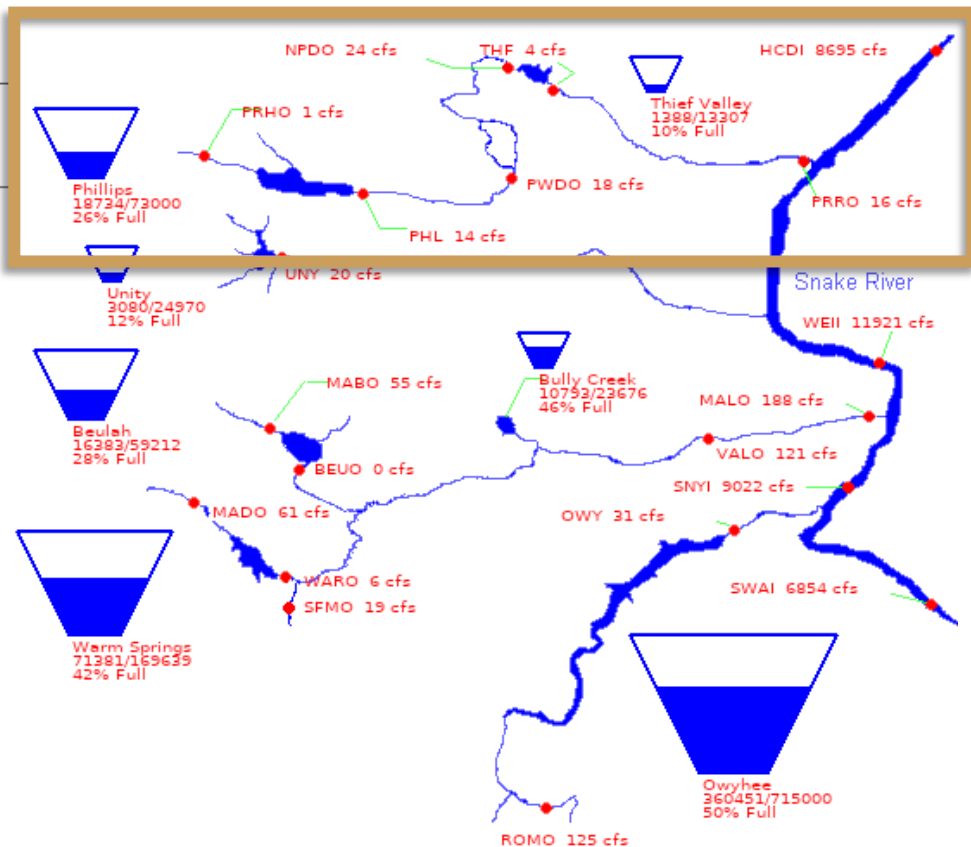
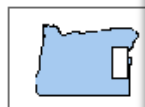
Burnt River Basin

10/21/2025



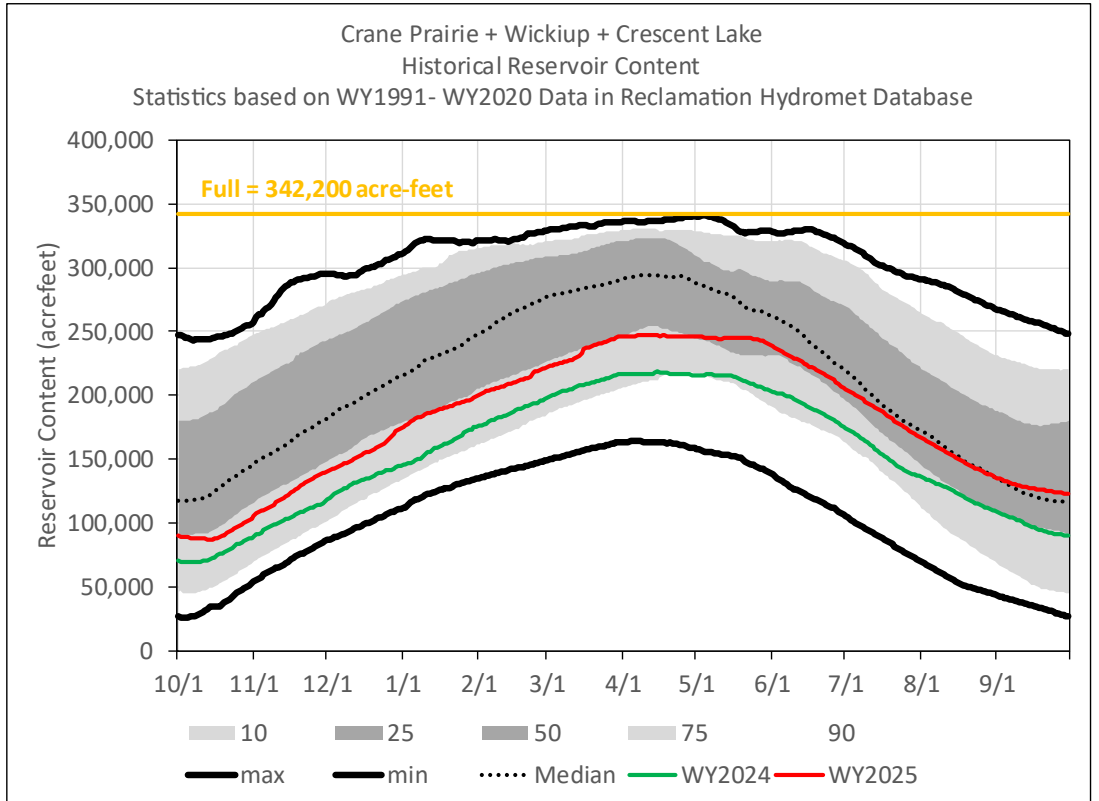
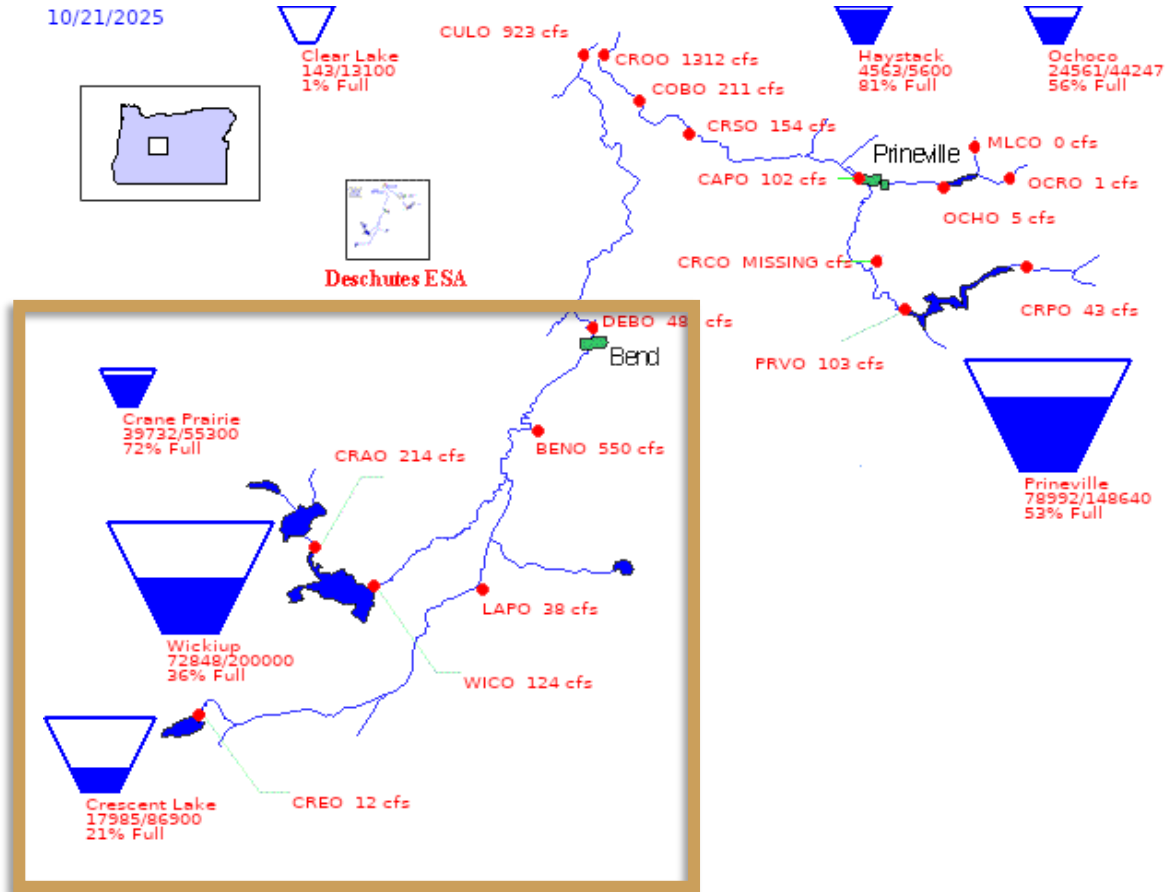
Powder River Basin

10/21/2025



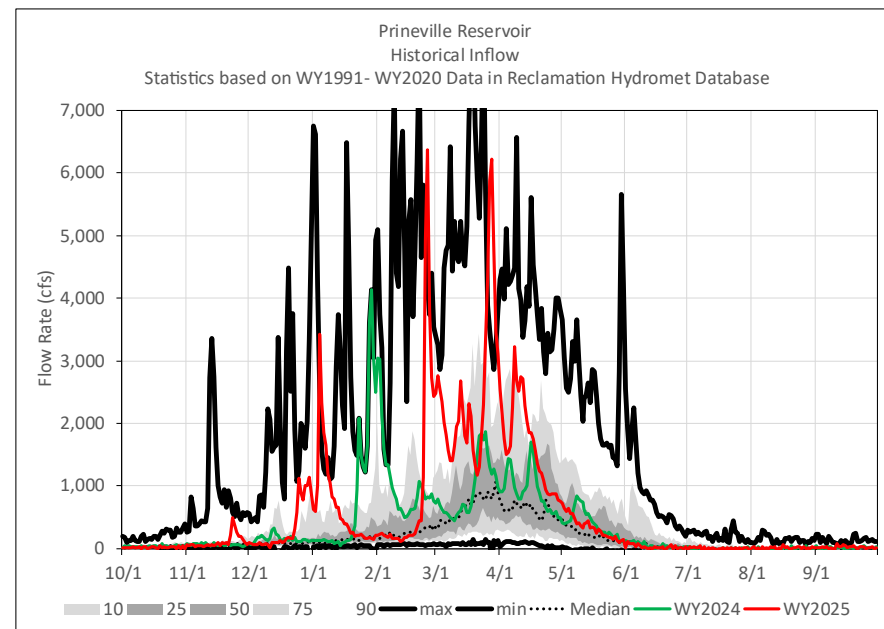
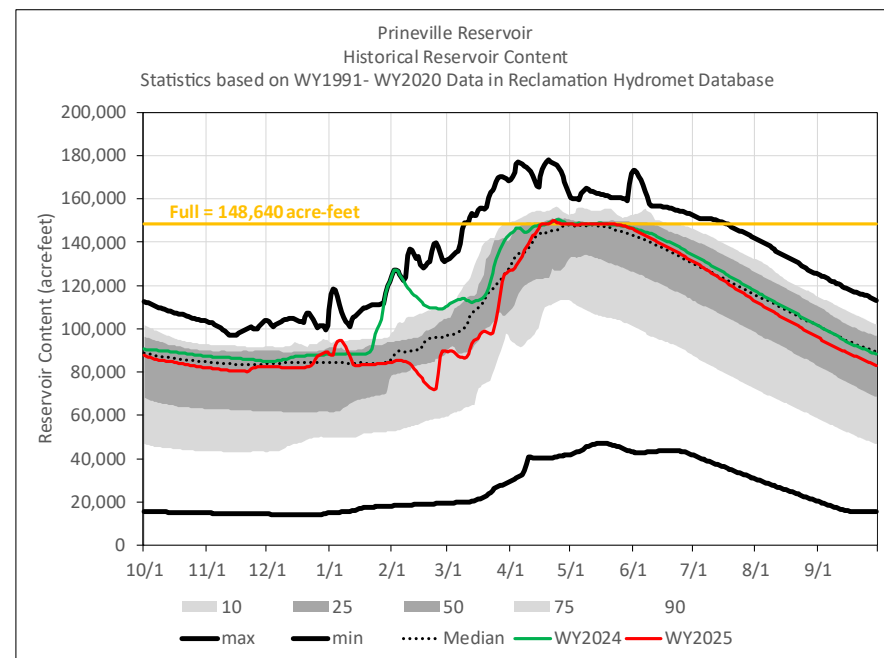
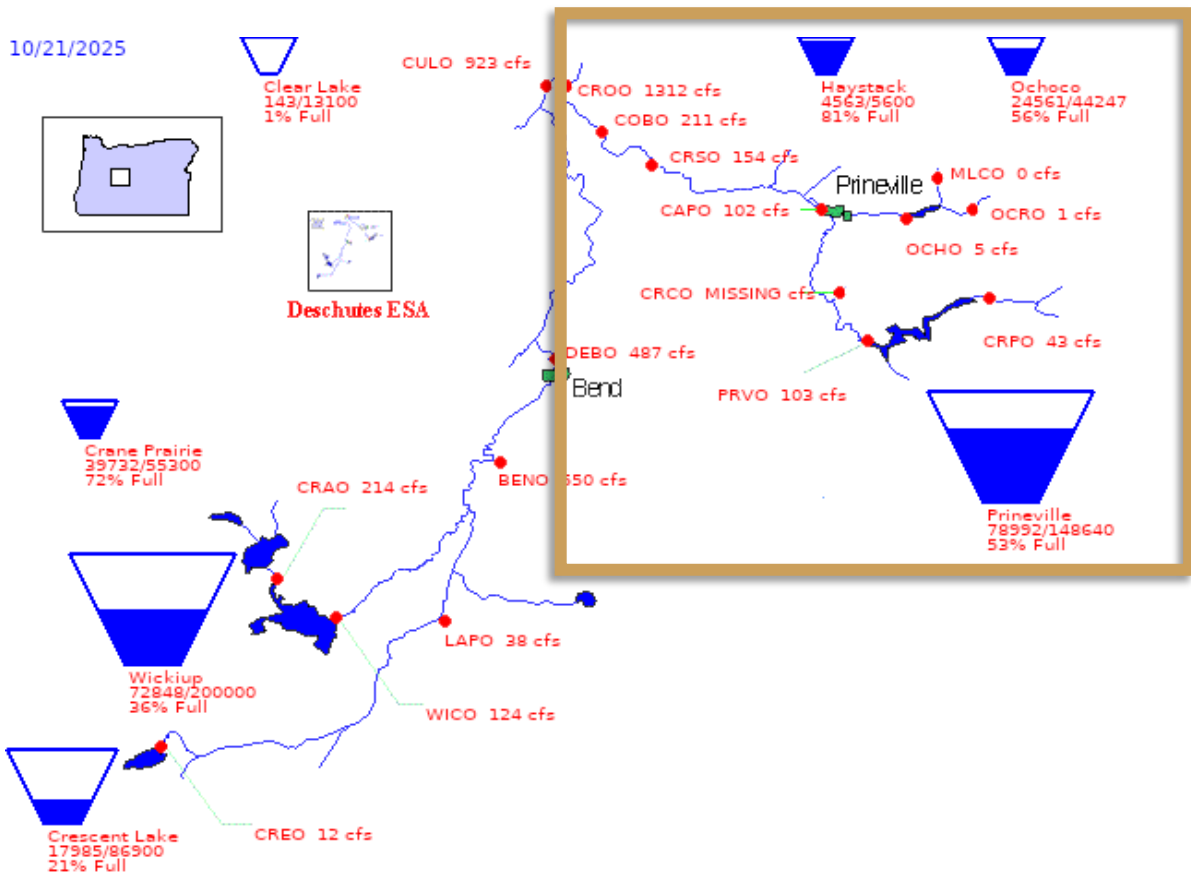
Deschutes River Basin

10/21/2025



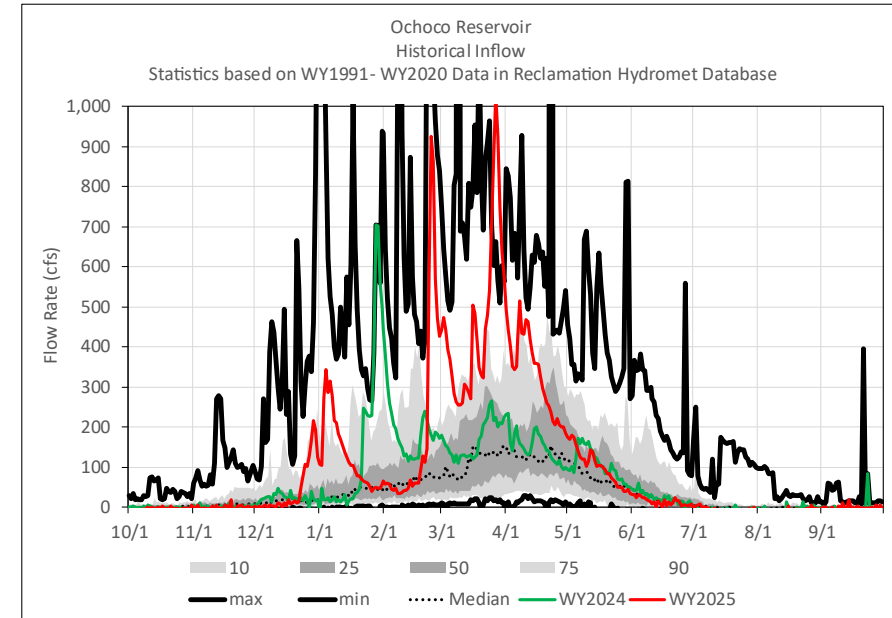
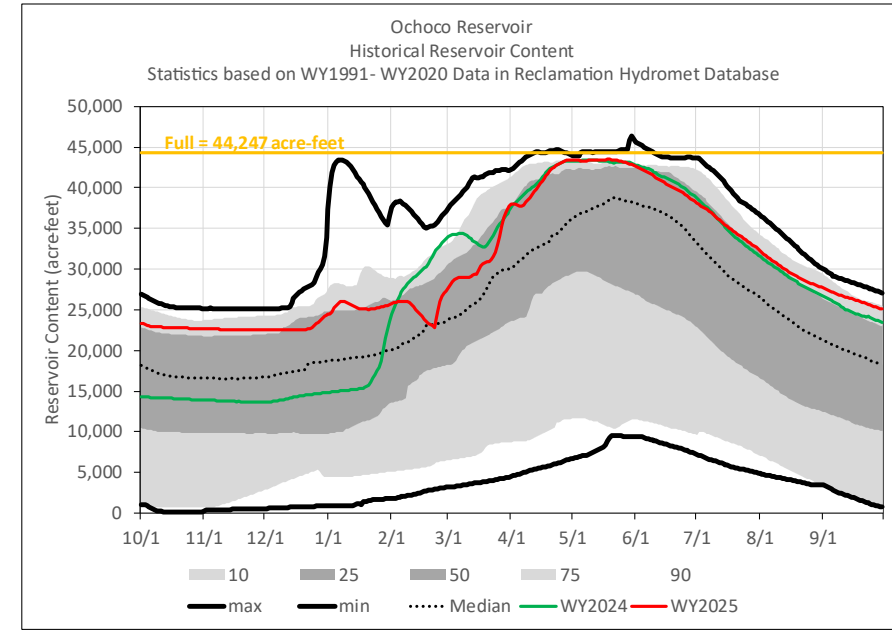
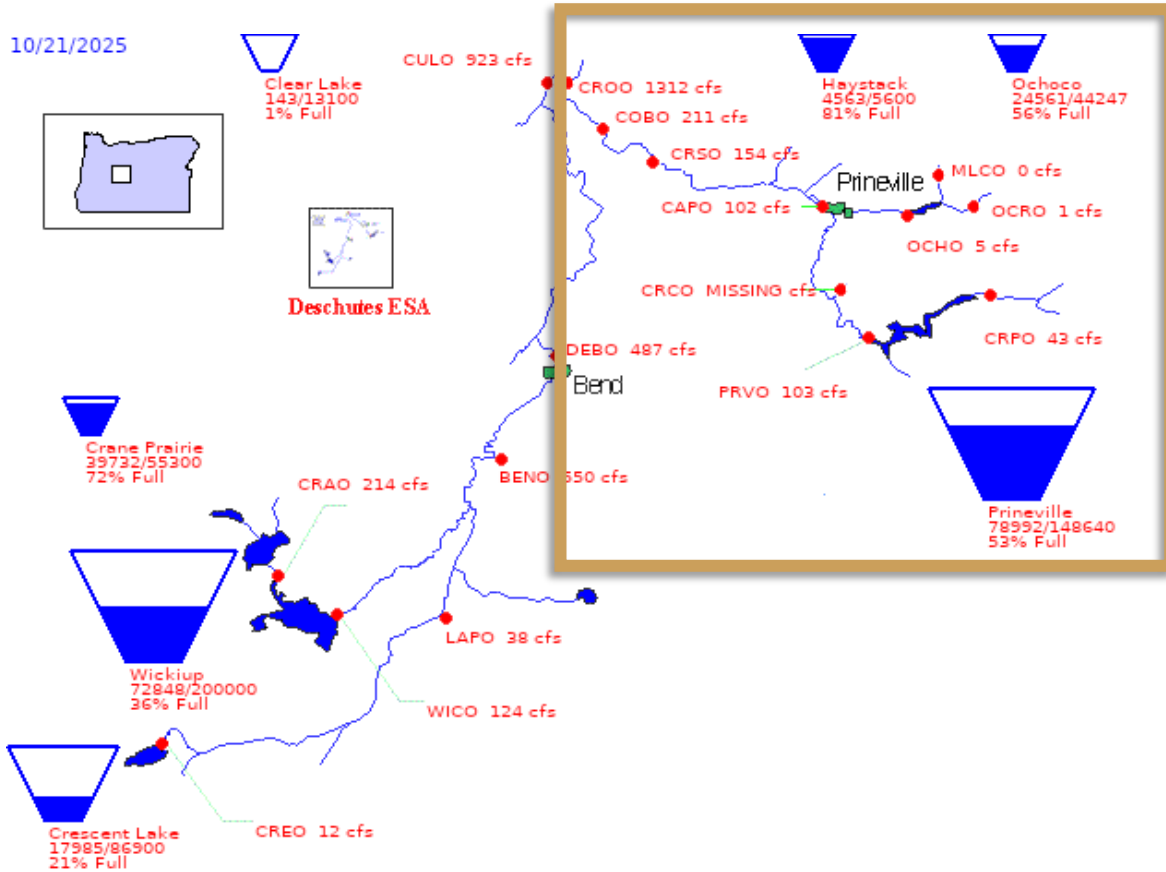
Crooked River Basin

10/21/2025



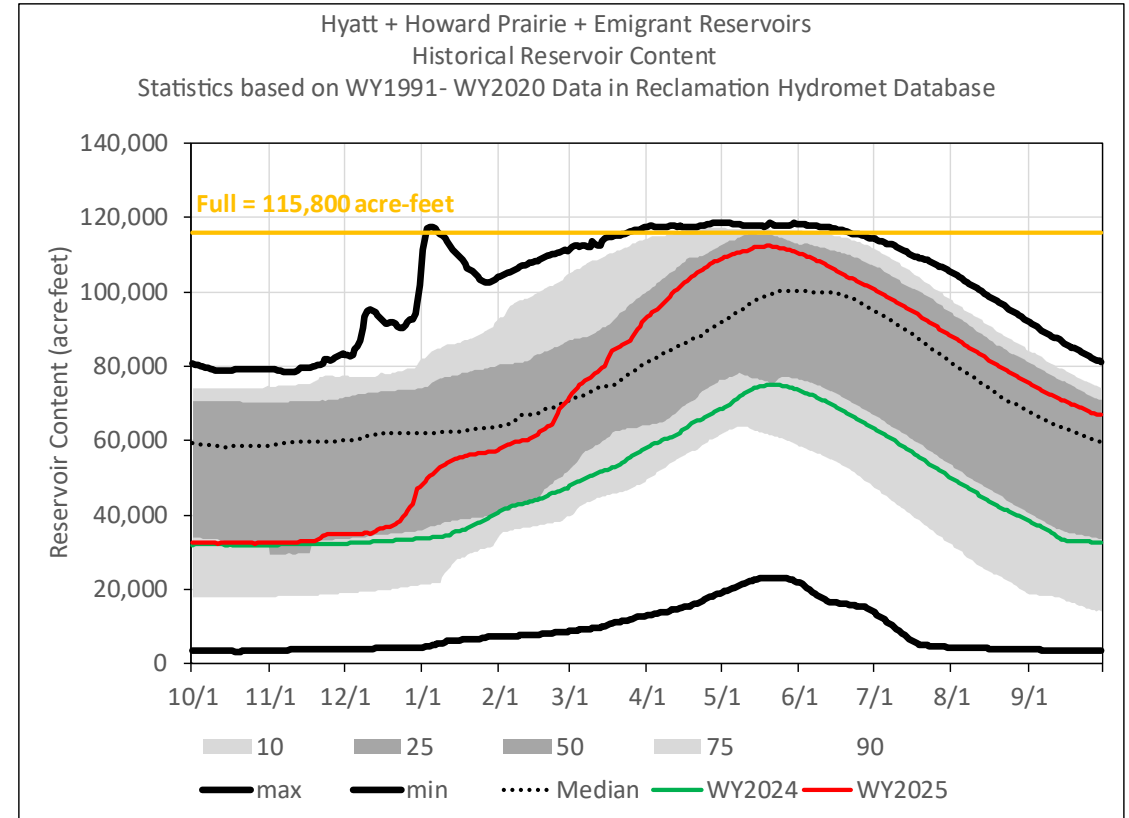
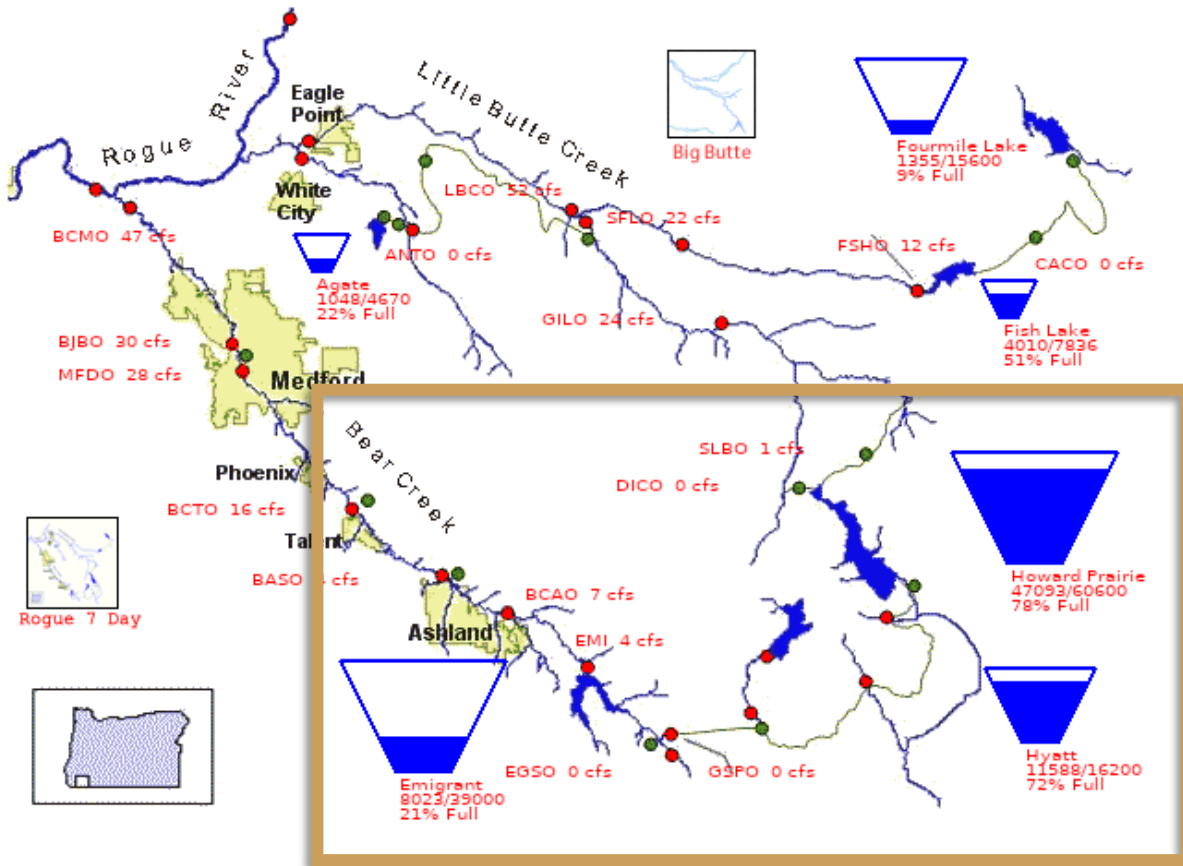
Crooked River Basin

10/21/2025



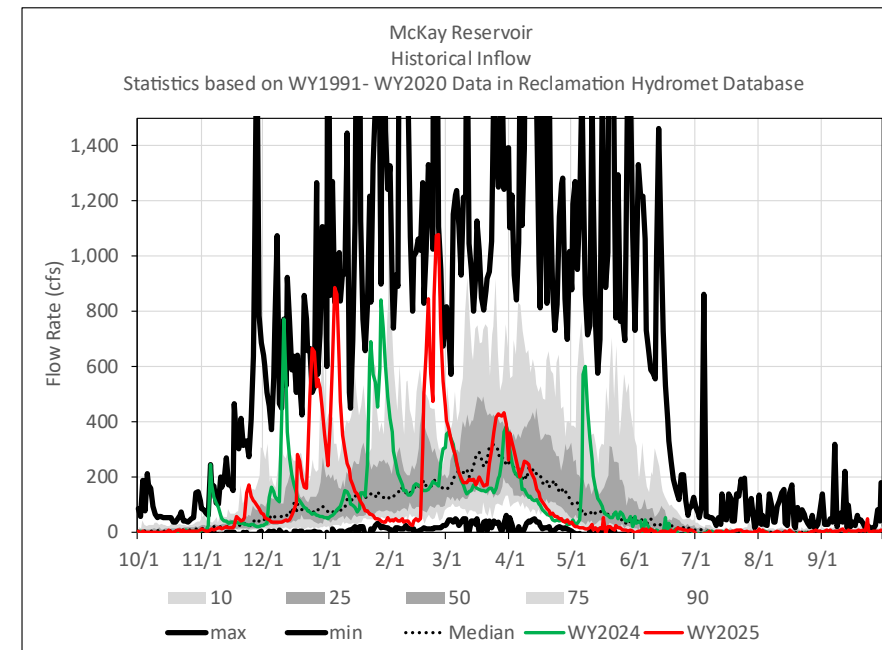
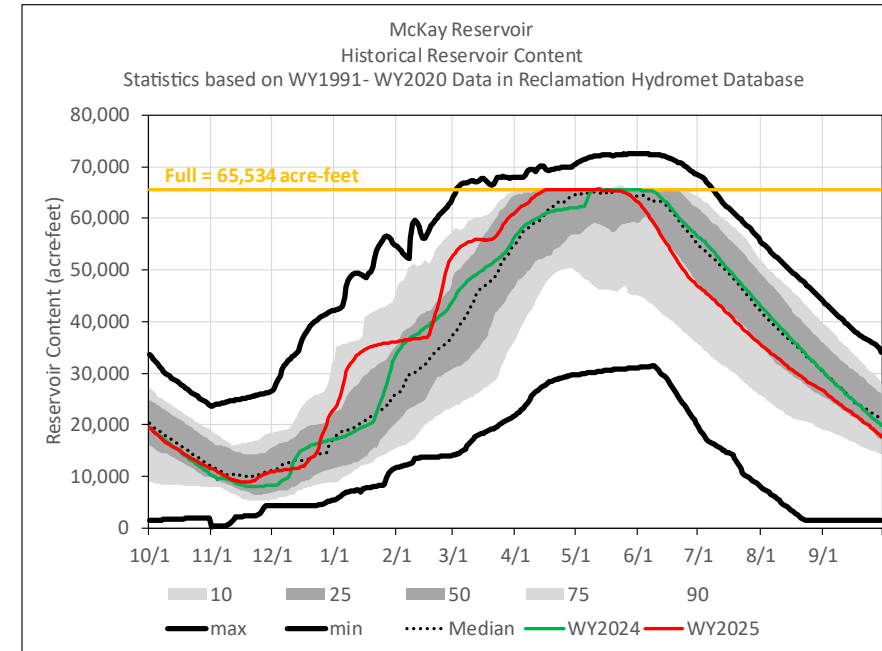
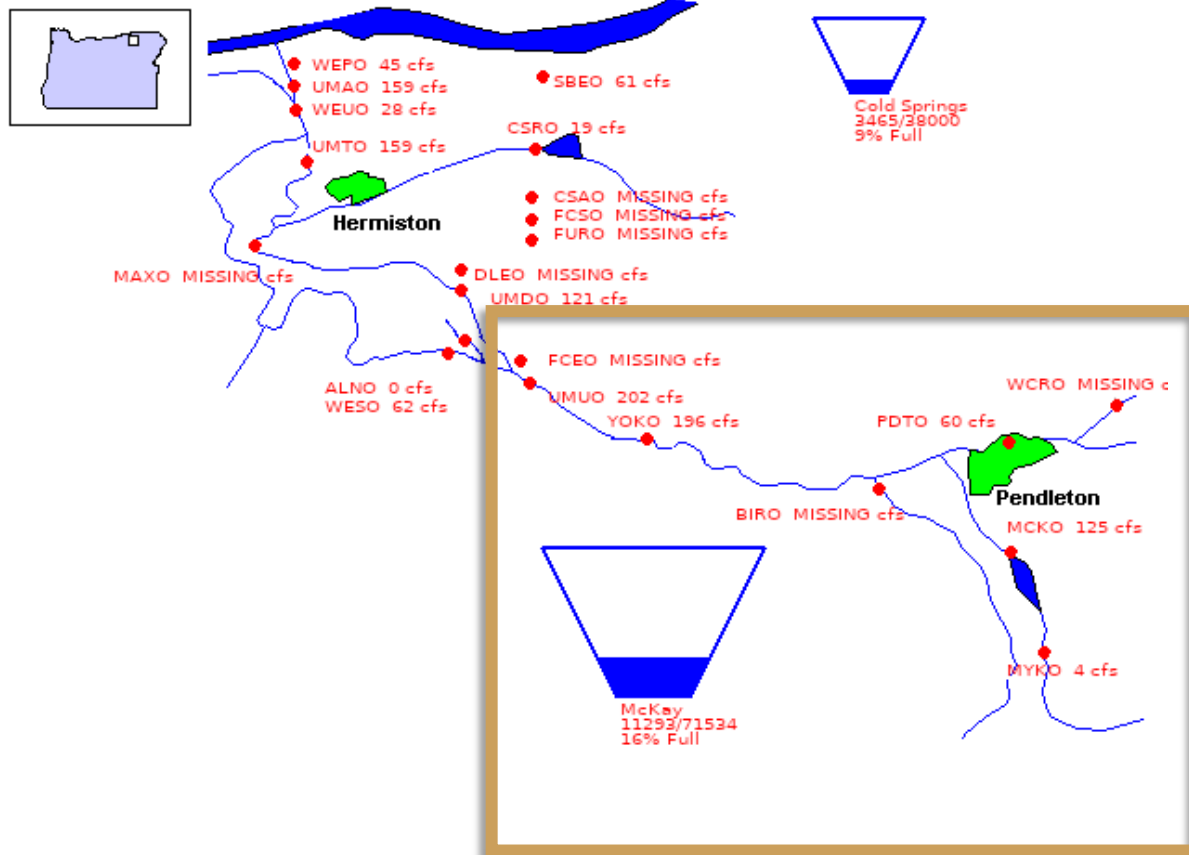
Rogue River Basin

10/21/2025



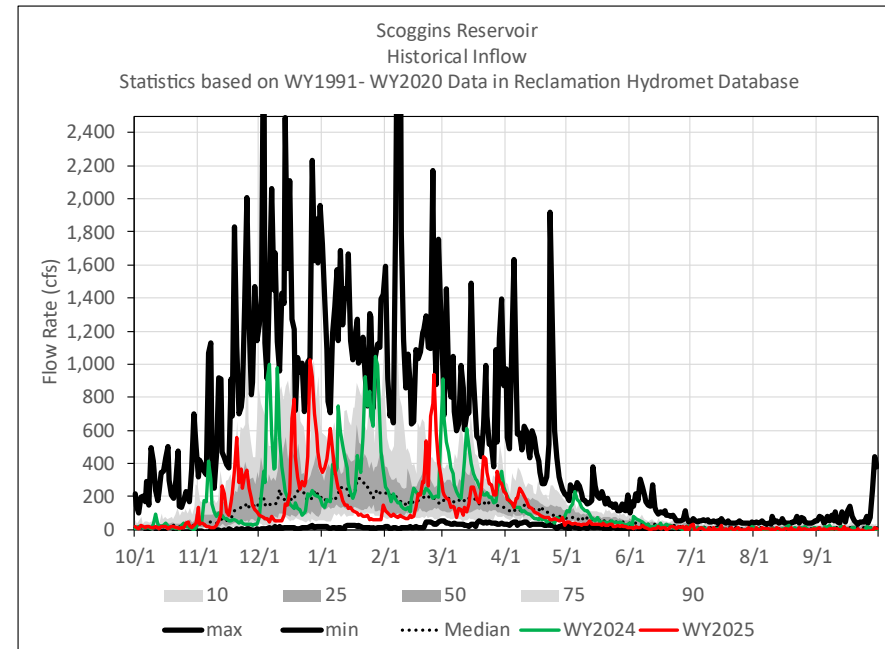
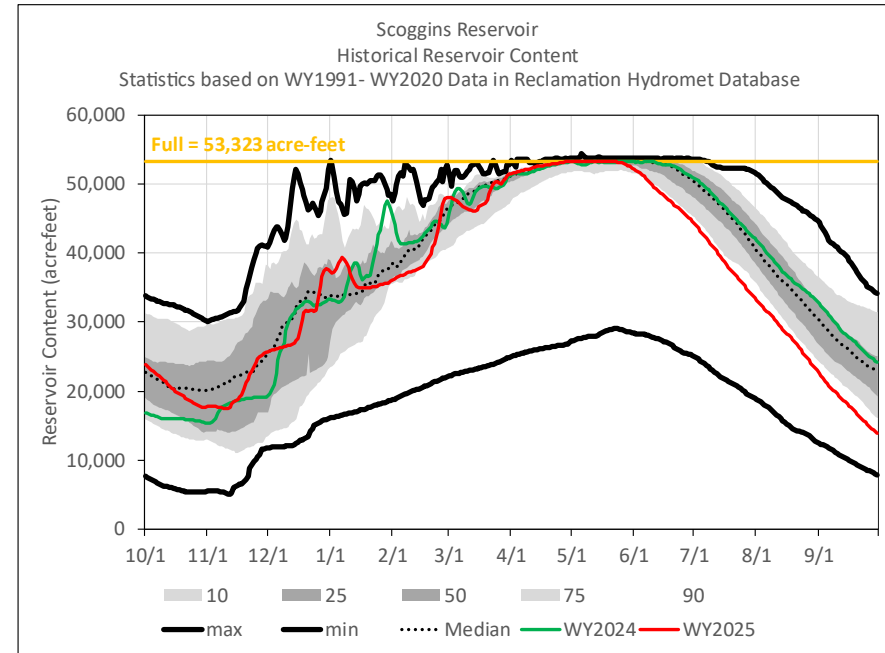
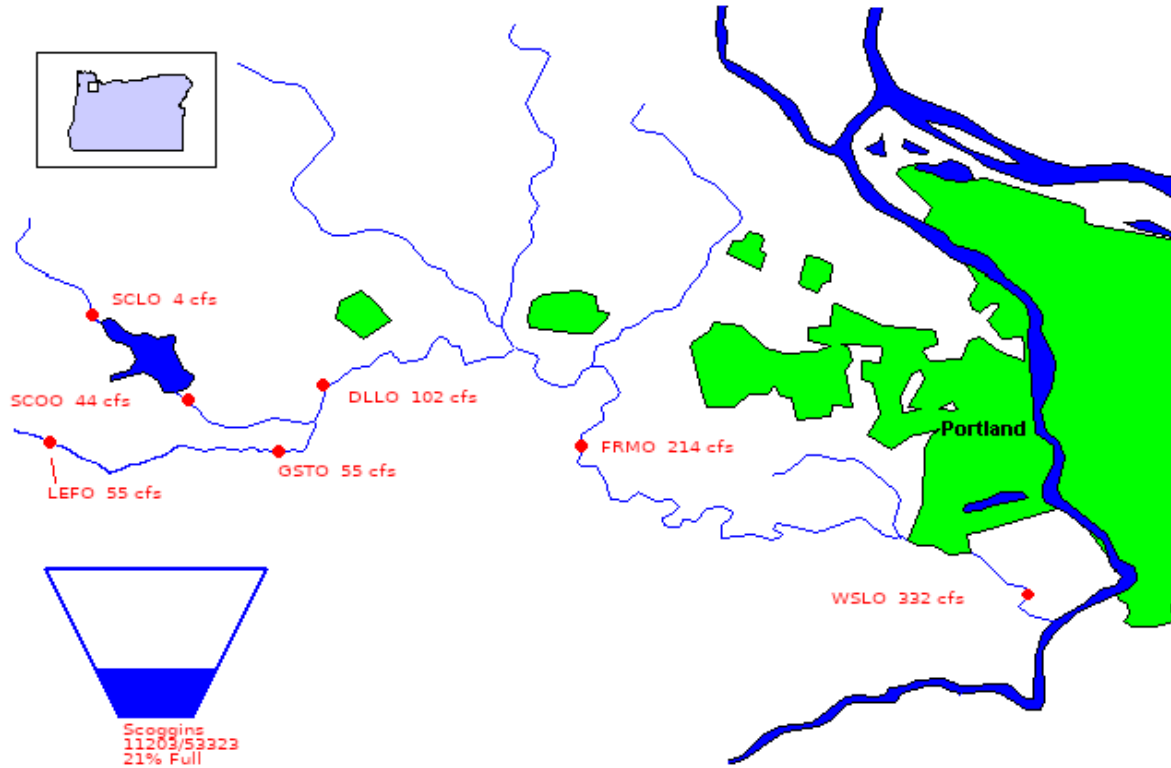
Umatilla River Basin

10/21/2025



Tualatin River Basin

10/21/2025



Corinne Horner– Columbia Pacific Northwest Regional Office

chorner@usbr.gov

208.378.6213



— BUREAU OF —
RECLAMATION