

Month in Review - April 2025

Weather Forecast Office

Portland, OR

Friday, May 16

Local Monthly Weather Summary & Water Supply Outlook

April 2025



Photo Credit: NWS Staff



Summary of the Month & Key Points

Weather Forecast Office
Portland, OR
Friday, May 16

- *Brief Weather Summary:* Seasonable weather with scattered showers opened the month of April before high pressure and offshore flow allowed temperatures to warm into the 70s. On the 6th, a front brought the most substantial rain of the month. Mostly dry conditions followed with above average temperatures. Near the end of April, a weak front brought another round of light rain.

Temperature Key Points

- **Above normal temperatures** were observed in April (relative to the 1991-2020 reference period).

Precipitation Key Points

- Predominantly **below normal precipitation** was recorded across northwest Oregon and southwest Washington, with the greatest anomalies across northern and western Oregon.

Water Supply (including drought and snowpack)

- The water supply forecast for the spring and summer of 2025 is near to below average for western and far-northeast Oregon watersheds and above average for southwest, central and southeast Oregon watersheds.
- Precipitation so far this water year is near normal, except above normal across southeast Oregon, and slightly below normal in far northwest Oregon.
- Snowpack is currently 70-150% of normal, lowest across the central Oregon Cascades and highest across southern Oregon (as of May 8, 2025).



Local Significant Weather Events

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Friday, May 16

Significant Events for April 2025

- None?

Graphical interface for viewing archived Local Storm Reports (LSRs)

- See the following link for local storm reports in March for NWS Portland's forecast area:

<https://mesonet.agron.iastate.edu/lsr/#PQR/202504010700/202504300700/011011>



Temperature Anomaly - April 2025

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Pacific Northwest - Mean Temperature

April 2025, Departure from 1991-2020 Average

Above average temperatures were observed across much of OR and WA.

Pacific NW (WA, OR, ID)

45.5° (+2.3° above normal)

24th warmest April

Washington

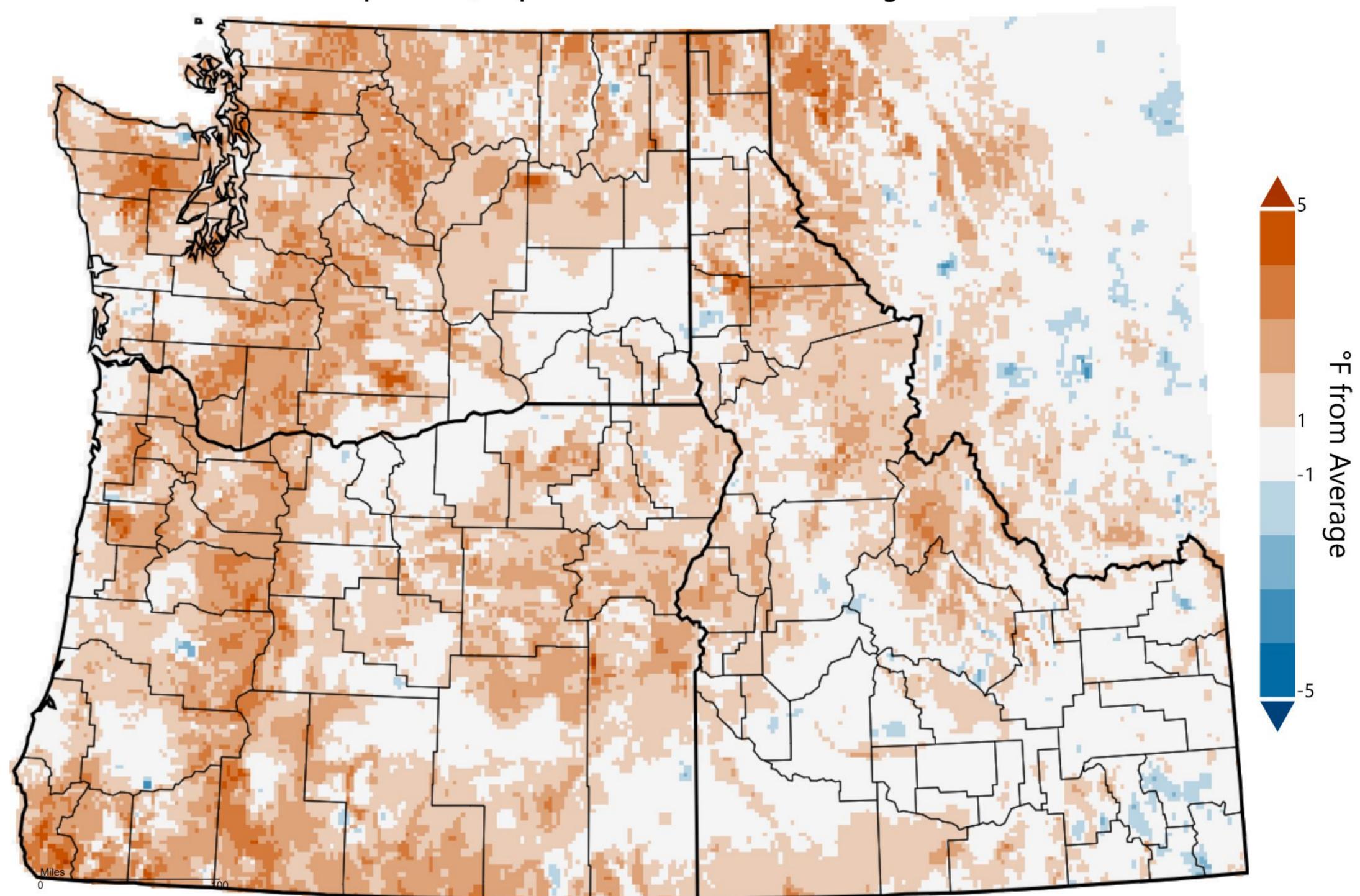
47.2° (+2.1° above normal)

25th warmest April

Oregon

46.7° (+2.8° above normal)

19th warmest April





Precipitation Anomaly - April 2025

Below average precipitation was observed across much of the local forecast area.

Pacific NW (WA, OR, ID)

58% of average

15th driest April

Washington

67% of average

30th driest April

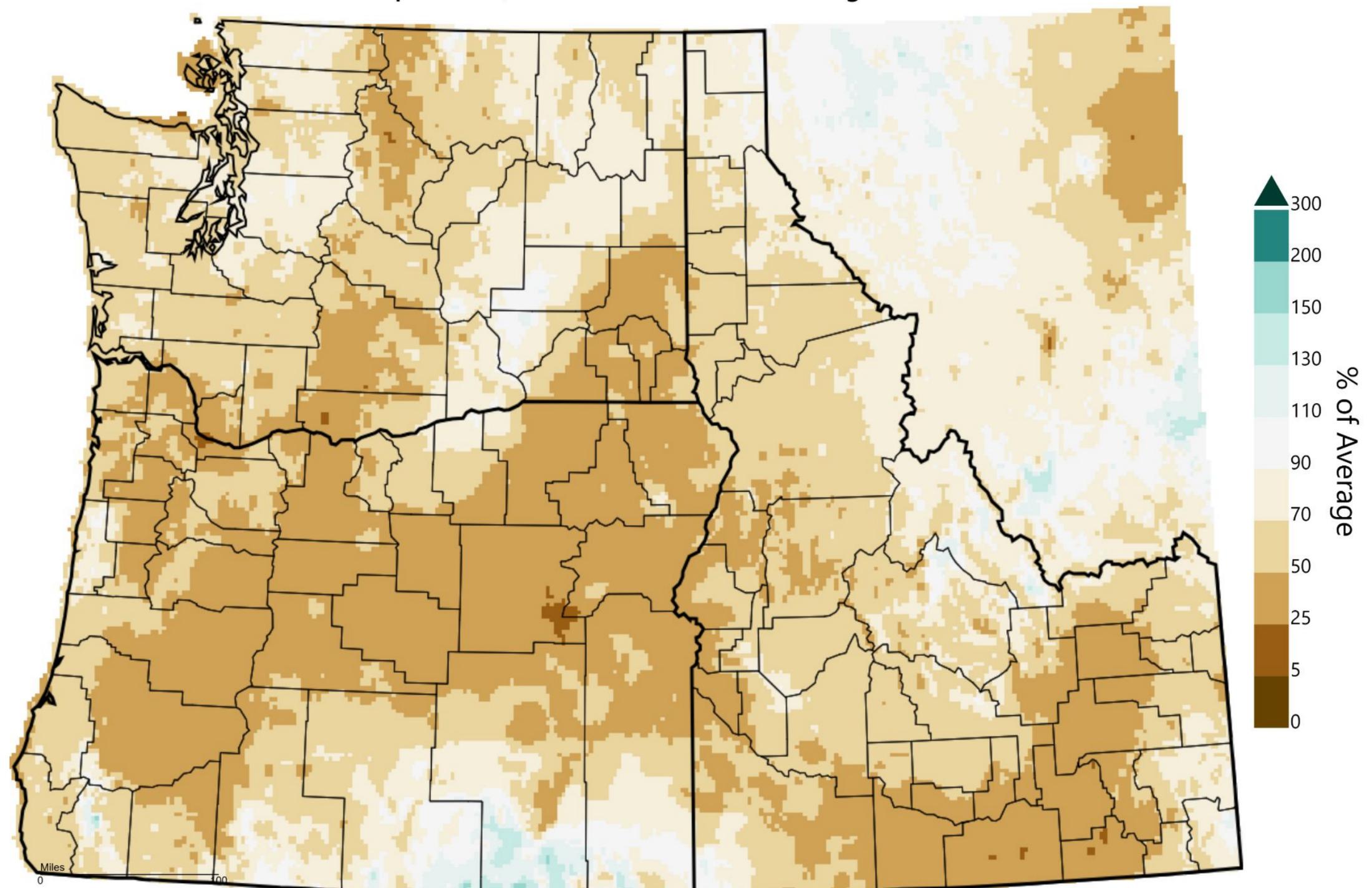
Oregon

52% of average

16th driest April

Pacific Northwest - Precipitation

April 2025, Percent of 1991-2020 Average



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 May 2025



Temp Averages and Extremes - April 2025

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Thursday, May 1

			Extremes				Daily Temperature Frequency						
APR 2025	Average		MIN T		MAX T		MAX T						MIN
	Min	Max	cool	warm	cool	warm	90s	80s	70s	60s	50s	40s	≤32
Astoria*	41.6°	58.3°	32°	50°	52°	70°	-	-	1	10	18	-	1
Tillamook	41.1°	59.3°	32°	50°	52°	73°	-	-	1	10	19	-	1
Florence*	42.3°	54.5°	33°	49°	43°	67°	-	-	-	6	18	4	-
Kelso*	41.8°	67.7°	33°	51°	53°	78°	-	-	14	8	6	-	-
Vancouver	41.8°	65.5°	34°	52°	54°	78°	-	-	9	12	9	-	-
Portland-Arpt	45.7°	67.2°	37°	53°	55°	81°	-	1	11	12	6	-	-
Portland-City	45.2°	64.3°	39°	52°	52°	78°	-	-	8	12	10	-	-
Hillsboro*	39.0°	64.6°	33°	50°	54°	76°	-	-	8	11	10	-	-
McMinnville	39.8°	64.3°	33°	50°	55°	75°	-	-	7	13	10	-	-
Salem*	41.6°	64.8°	34°	50°	54°	76°	-	-	6	15	9	-	-
Corvallis	41.1°	64.2°	33°	49°	53°	74°	-	-	5	18	7	-	-
Eugene*	40.0°	64.9°	33°	50°	55°	76°	-	-	6	17	7	-	-
Hood River	39.9°	63.9°	30°	51°	53°	76°	-	-	6	14	10	-	2



Temp Anomaly and Rankings - April 2025

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Thursday, May 1

AVERAGE Temperature/departure from normal, along with Historical Ranking¹

City	T (°F)	+/- nor	Ranking	City	T (°F)	+/- nor	Ranking
Astoria	50.1°	+1.6°	6 th Warmest	Kelso/Longview	54.8°	+3.6°	4 th Warmest
Salem	53.4°	+1.9°	7 th Warmest	Portland-airport	56.4°	+3.1°	4 th Warmest
Eugene	52.6°	+1.3°	11 th Warmest	Portland-city	54.7°	+2.2°	31 st Warmest

County	T (°F)	+/- nor	Ranking	County	T (°F)	+/- nor	Ranking
Pacific	49.0°	+1.8°	26 th Warmest	Multnomah	51.5°	+2.8°	16 th Warmest
Wahkiakum	49.8°	+2.8°	10 th Warmest	Washington	51.2°	+3.2°	10 th Warmest
Cowlitz	49.8°	+3.2°	8 th Warmest	Clackamas	47.6°	+2.6°	18 th Warmest
Clark	51.8°	+2.6°	20 th Warmest	Yamhill	51.6°	+2.9°	13 th Warmest
Skamania	44.4°	+2.5°	21 st Warmest	Marion	49.3°	+2.7°	15 th Warmest
				Polk	51.8°	+3.3°	10 th Warmest
Clatsop	49.8°	+3.4°	5 th Warmest	Benton	51.6°	+2.3°	20 th Warmest
Tillamook	49.4°	+3.6°	7 th Warmest	Linn	48.5°	+2.7°	14 th Warmest
Lincoln	50.7°	+2.4°	19 th Warmest	Lane	48.8°	+2.7°	15 th Warmest
Columbia	50.9°	+3.2°	9 th Warmest	Hood River	44.8°	+2.7°	18 th Warmest



Precipitation Anomaly and Ranking - April 2025

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Thursday, May 1

PRECIPITATION and as a % of Normal, along with Historical Ranking¹

city	total	%norm	ranking	city	total	%norm	ranking
Astoria	3.16"	54%	16 th Driest	Kelso/Longview	N/A	N/A	N/A
Salem	1.07"	34%	12 th Driest	Portland-airport	1.02"	35%	10 th Driest
Eugene	1.88"	57%	26 th Driest	Portland-city	1.50"	41%	24 th Driest
county	AVG	%norm	ranking	county	AVG	%norm	ranking
Pacific	4.36"	71%	31 st Driest	Multnomah	2.19"	49%	15 th Driest
Wahkiakum	3.82"	67%	29 th Driest	Washington	1.87"	54%	16 th Driest
Cowlitz	3.69"	66%	26 th Driest	Clackamas	3.05"	55%	16 th Driest
Clark	2.35"	50%	14 th Driest	Yamhill	2.25"	59%	24 th Driest
Skamania	3.61"	59%	26 th Driest	Marion	2.36"	51%	16 th Driest
				Polk	2.28"	54%	18 th Driest
Clatsop	4.00"	65%	26 th Driest	Benton	2.12"	58%	23 rd Driest
Tillamook	4.36"	63%	23 rd Driest	Linn	2.70"	52%	15 th Driest
Lincoln	3.51"	56%	22 nd Driest	Lane	2.43"	51%	15 th Driest
Columbia	2.10"	56%	17 th Driest	Hood River	2.23"	58%	25 th Driest



Annual and Water Year Precipitation - April 2025

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Portland, OR
Thursday, May 1

Annual & Water Year PRECIPITATION (as % of normal)

	2025	Water Year			2025	Water Year	
City	% norm	rainfall	% norm	City	% norm	rainfall	% norm
Astoria	72%	51.09"	85%	Portland	83%	29.25"	97%
Salem	91%	35.04"	102%	Eugene	97%	37.05"	105%
County	% norm	rainfall	% norm	County	% norm	rainfall	% norm
Pacific	74%	67.28"	84%	Multnomah	83%	49.45"	96%
Wahkiakum	73%	60.67"	86%	Washington	76%	45.21"	94%
Cowlitz	83%	62.31"	98%	Clackamas	86%	58.62"	95%
Clark	80%	51.90"	95%	Yamhill	80%	49.29"	93%
Skamania	82%	75.76"	97%	Marion	90%	53.48"	101%
				Polk	85%	57.1"	98%
Clatsop	76%	67.22"	88%	Benton	94%	52.65"	103%
Tillamook	82%	81.22"	94%	Linn	93%	60.69"	104%
Lincoln	88%	75.66"	98%	Lane	99%	59.67"	110%
Columbia	70%	43.22"	90%	Hood River	83%	46.97"	94%



April 2025 Climate Statistics - Portland ASOS

Variable (units)	Observed	Normal	Departure
Warmest Daily Maximum Temperature (F)	81		
Average Daily Maximum Temperature (F)	67.2	62.0	5.2
Average Daily Minimum Temperature (F)	45.7	43.7	2.0
Coolest Daily Minimum Temperature (F)	37		
Average Temperature (F)	56.4	52.8	3.6
Total Precipitation (inches)	1.01	2.89	-1.88
Total Snow (inches)	0.0		

Records

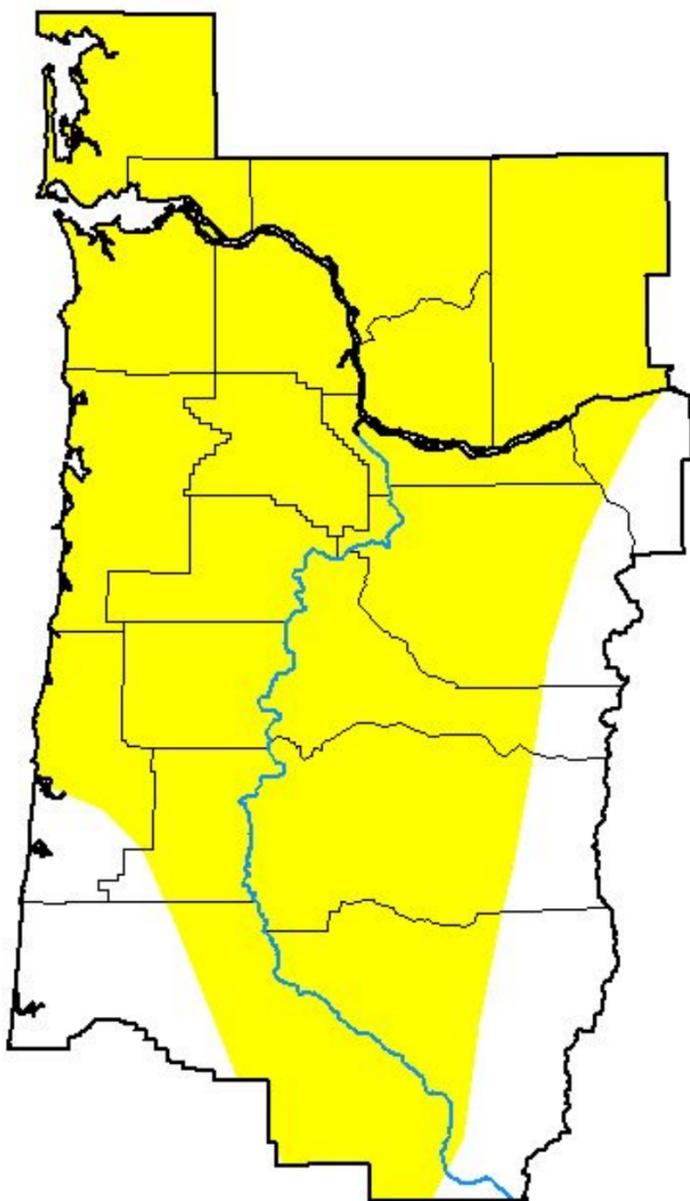
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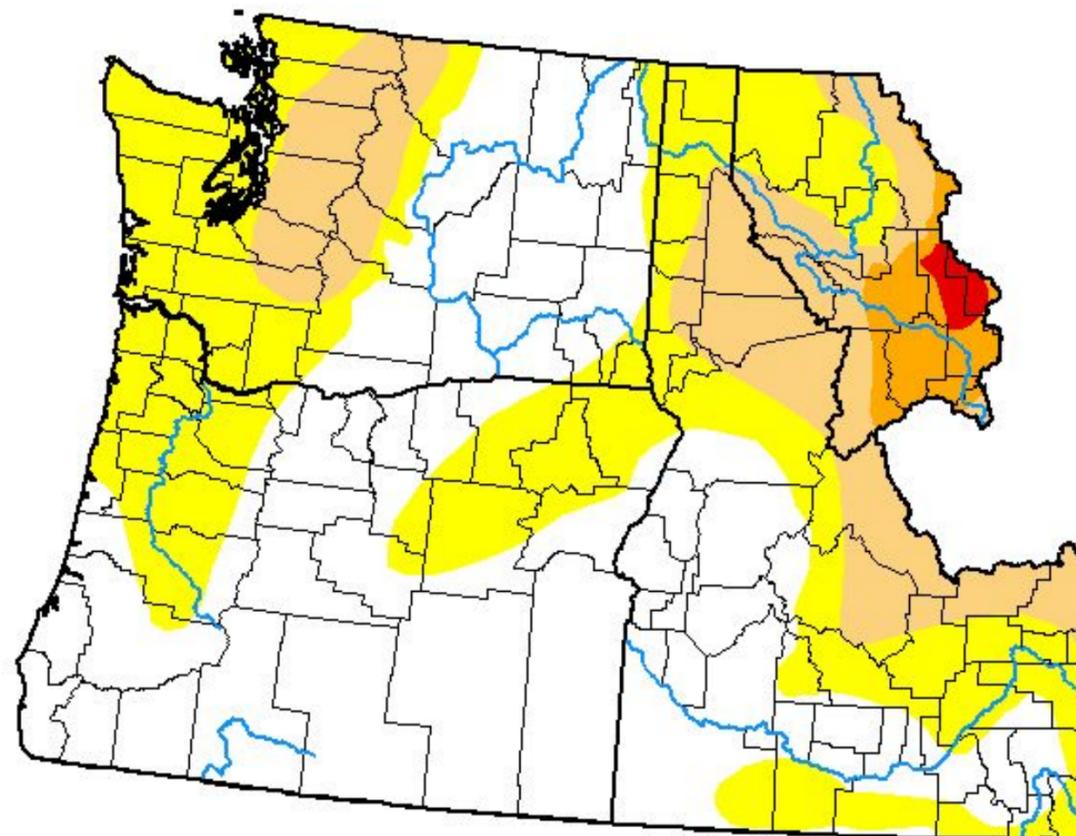
Current Drought Conditions

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 Portland, OR
 Friday, May 16

U.S. Drought Monitor Portland, OR WFO



U.S. Drought Monitor Pacific Northwest DEWS



May 13, 2025
 (Released Thursday, May 15, 2025)
 Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	49.93	50.07	18.12	3.01	0.49	0.00
Last Week 05-06-2025	61.19	38.81	16.11	3.01	0.49	0.00
3 Months Ago 02-11-2025	50.07	49.93	16.90	4.71	1.71	0.00
Start of Calendar Year 01-07-2025	61.17	38.83	14.59	4.29	1.75	0.00
Start of Water Year 10-01-2024	13.07	86.93	56.26	11.40	2.27	0.49
One Year Ago 05-14-2024	62.65	37.35	18.67	6.01	0.57	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:

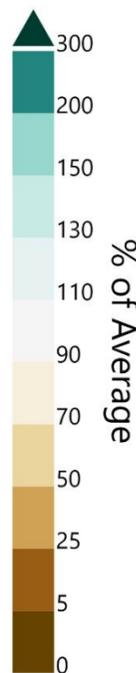
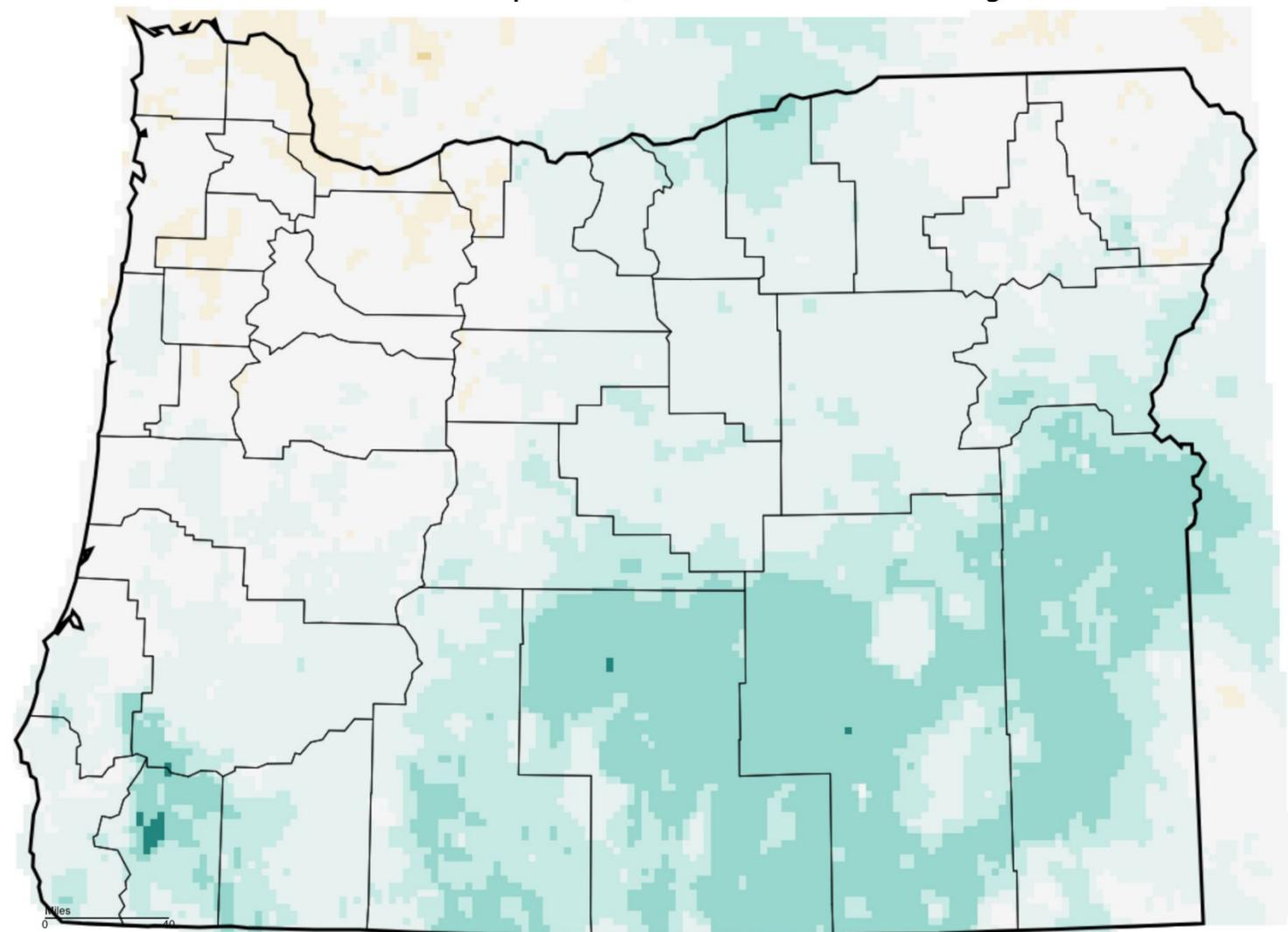
Rocky Bilotta
 NCEI/NOAA



droughtmonitor.unl.edu

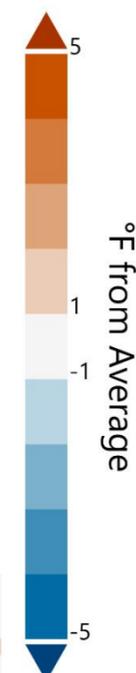
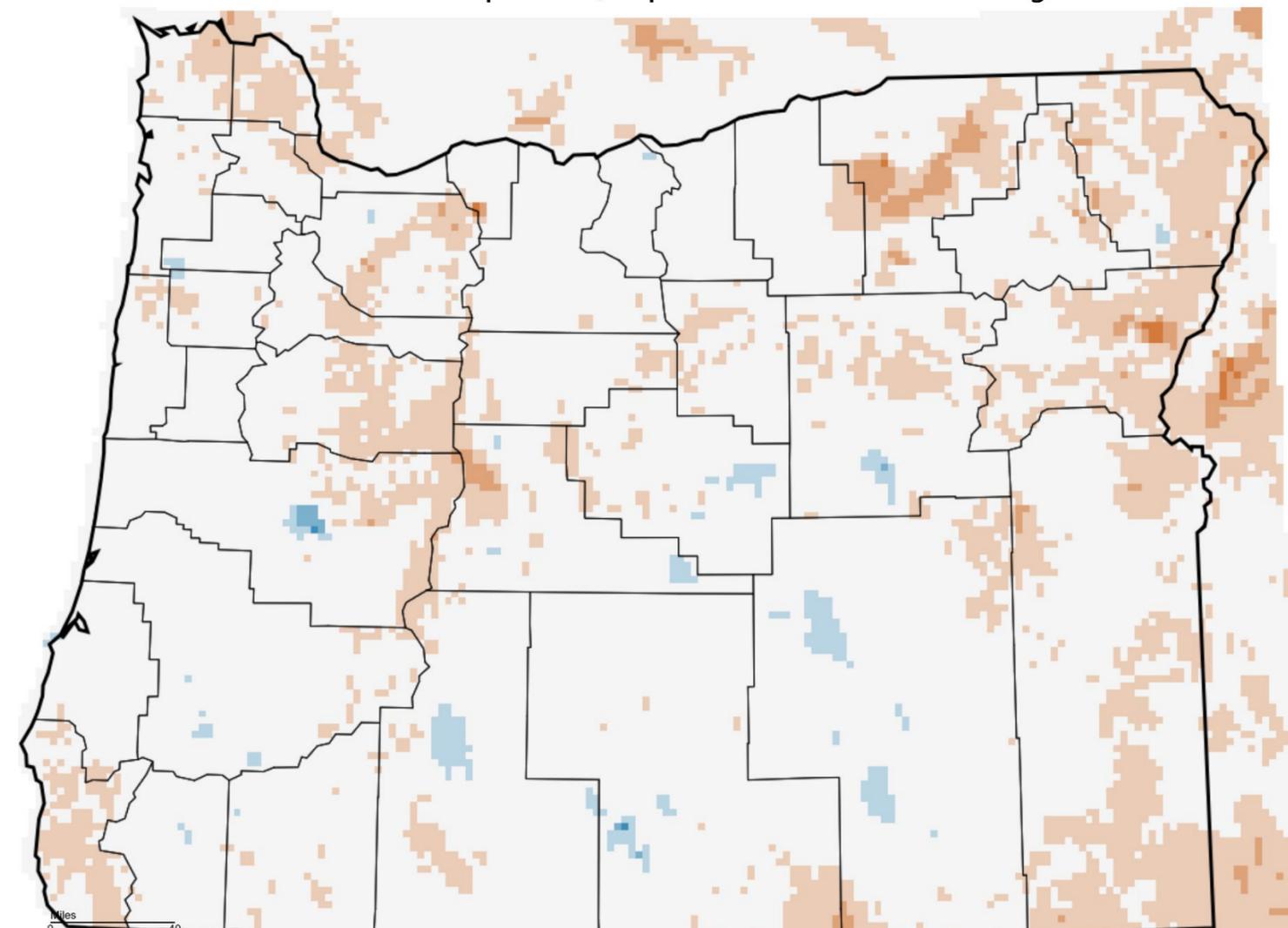
Oregon - Precipitation

October 2024 - April 2025, Percent of 1991-2020 Average



Oregon - Mean Temperature

October 2024 - April 2025, Departure from 1991-2020 Average



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 May 2025

WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 May 2025

Precipitation for the 2025 water year thus far (Oct 2024 - Apr 2025) ranges from about 90 to 130 percent of average in Oregon. The lowest values relative to normal are in northwest Oregon. The highest are in southeast and portions of southwest Oregon.

Temperatures for the 2025 water year thus far (Oct 2024 - Apr 2025) were near to slightly above average through most of the state.



SNOTEL Snow Water Equivalent (SWE) - Basin/Watershed Map

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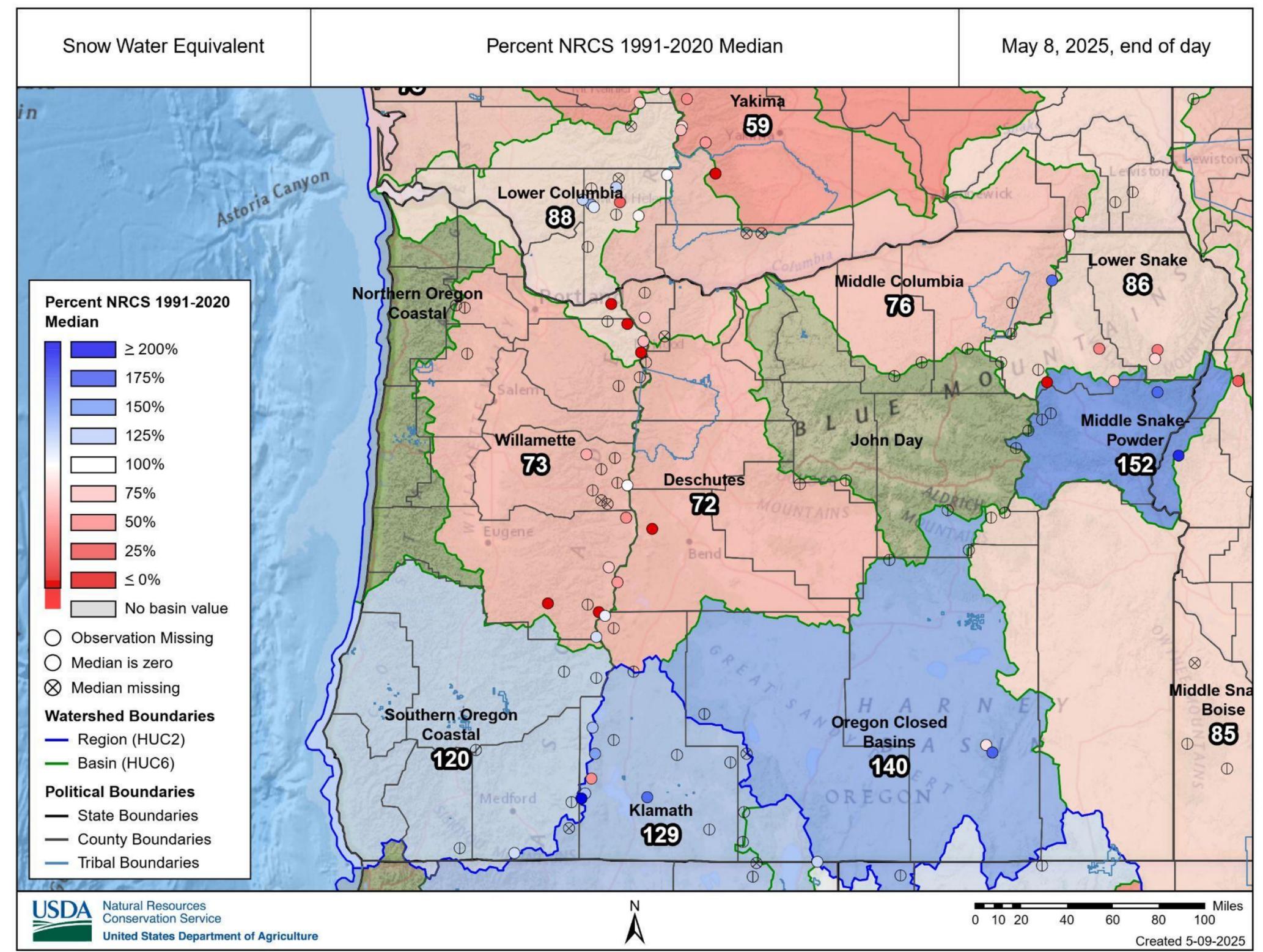
2024-2025 SNOWPACK

As of May 8, 2025, mountain snowpack ranges from below to above average statewide, in terms of water content of the snowpack. In terms of percent of median, values range from 70% to 150%.

Snowpack, water supply and other data, visit the [National Water and Climate Center](https://www.nwcc.gov)

SWE (as a % of normal)

Cowlitz	120%
Lewis	112%
Sandy	55%
Clackamas	1%
North Santiam	67%
South Santiam	67%
McKenzie	61%
Middle Fork Willamette	86%
Coast Fork Willamette	0%
Hood River	69%





SNOTEL Snow Water Equivalent (SWE) - Willamette Watershed

SNOW WATER EQUIVALENT IN WILLAMETTE

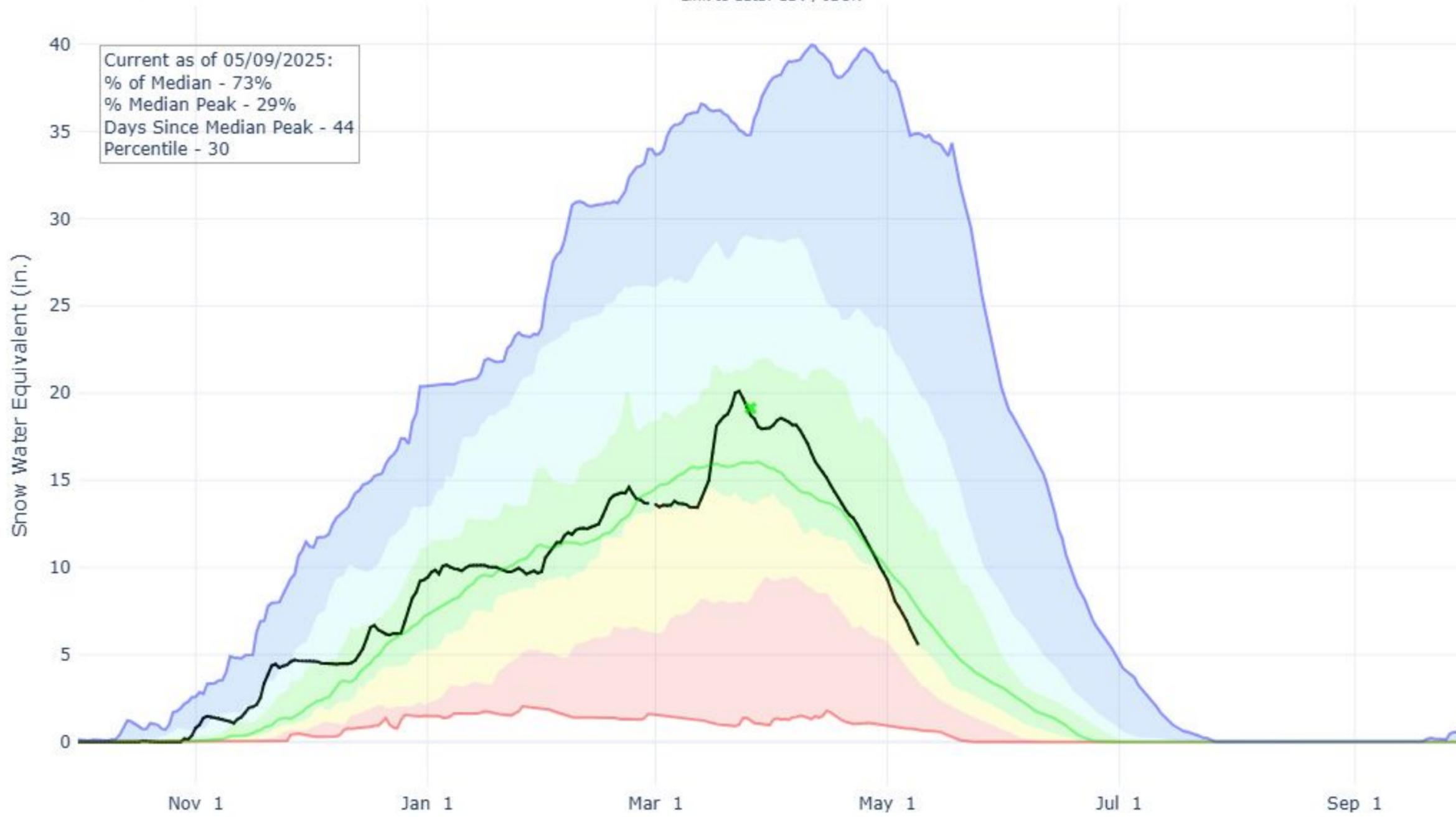
Reset Range

Link to data: CSV / JSON

Current as of 05/09/2025:
% of Median - 73%
% Median Peak - 29%
Days Since Median Peak - 44
Percentile - 30

Station List

- Median Peak SWE
- Max
- Median (POR)
- Median ('91-'20)
- Min
- Stats. Shading
- 2025 (21 sites)
- 2024 (21 sites)
- 2023 (20 sites)
- 2022 (21 sites)
- 2021 (21 sites)
- 2020 (20 sites)
- 2019 (21 sites)
- 2018 (21 sites)
- 2017 (21 sites)
- 2016 (21 sites)
- 2015 (21 sites)
- 2014 (21 sites)
- 2013 (21 sites)
- 2012 (21 sites)
- 2011 (21 sites)
- 2010 (21 sites)
- 2009 (21 sites)
- 2008 (21 sites)
- 2007 (21 sites)
- 2006 (20 sites)
- 2005 (20 sites)
- 2004 (20 sites)

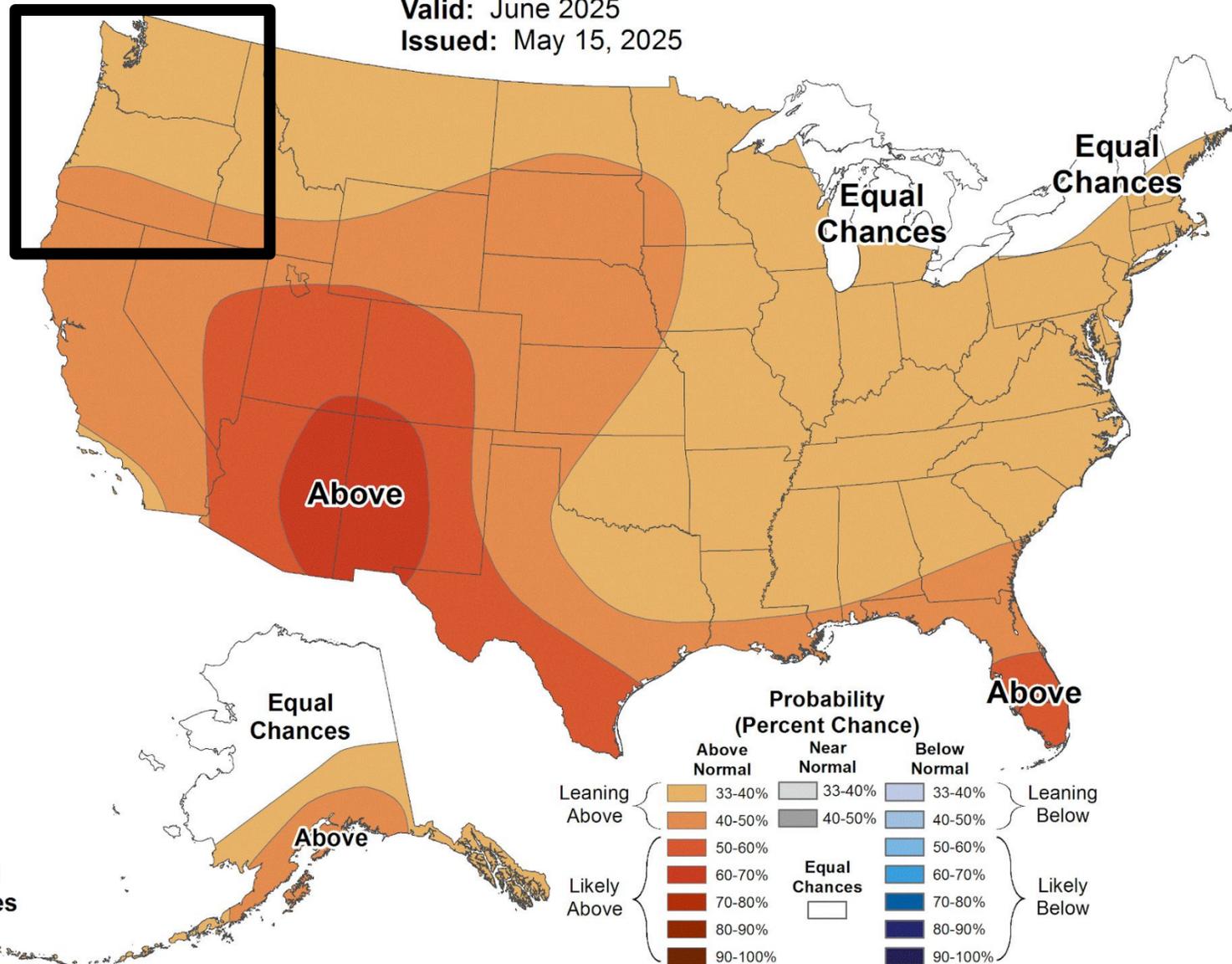




Monthly Temperature Outlook



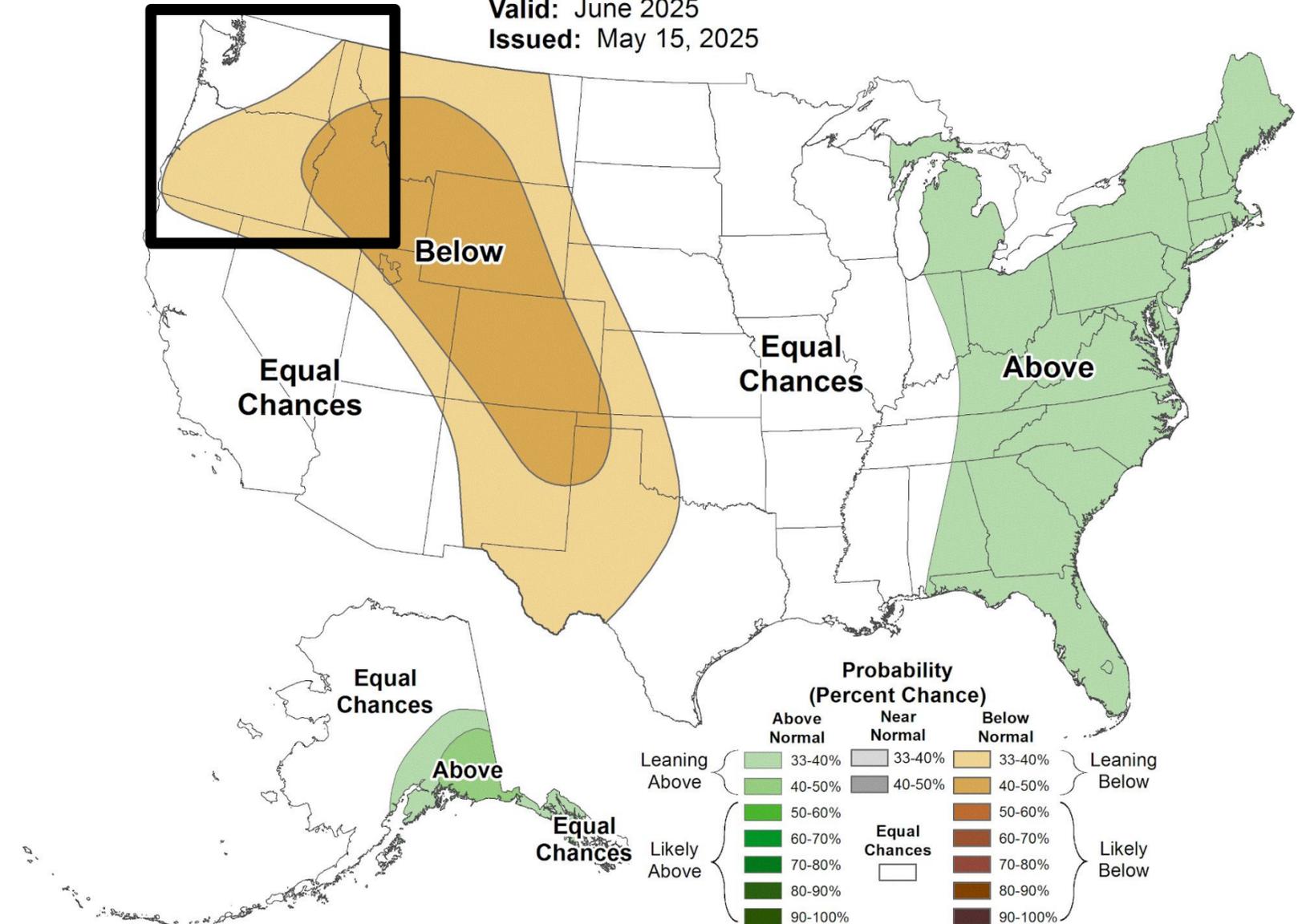
Valid: June 2025
Issued: May 15, 2025



Monthly Precipitation Outlook



Valid: June 2025
Issued: May 15, 2025



- Leaning slightly above normal temperatures for May (37-40% probability)

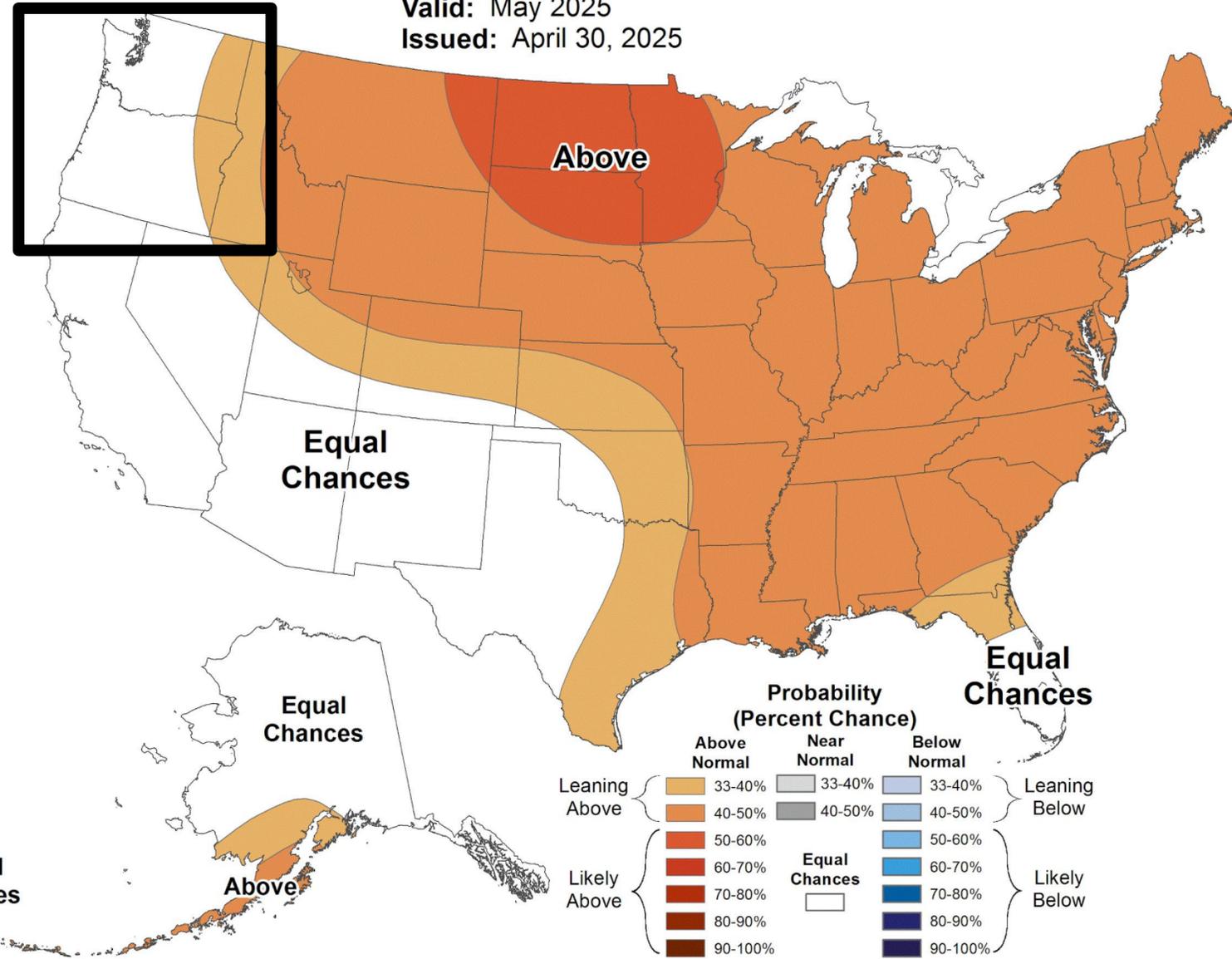
- Leaning slightly below to near normal precipitation for June (33-35% probability)



Monthly Temperature Outlook



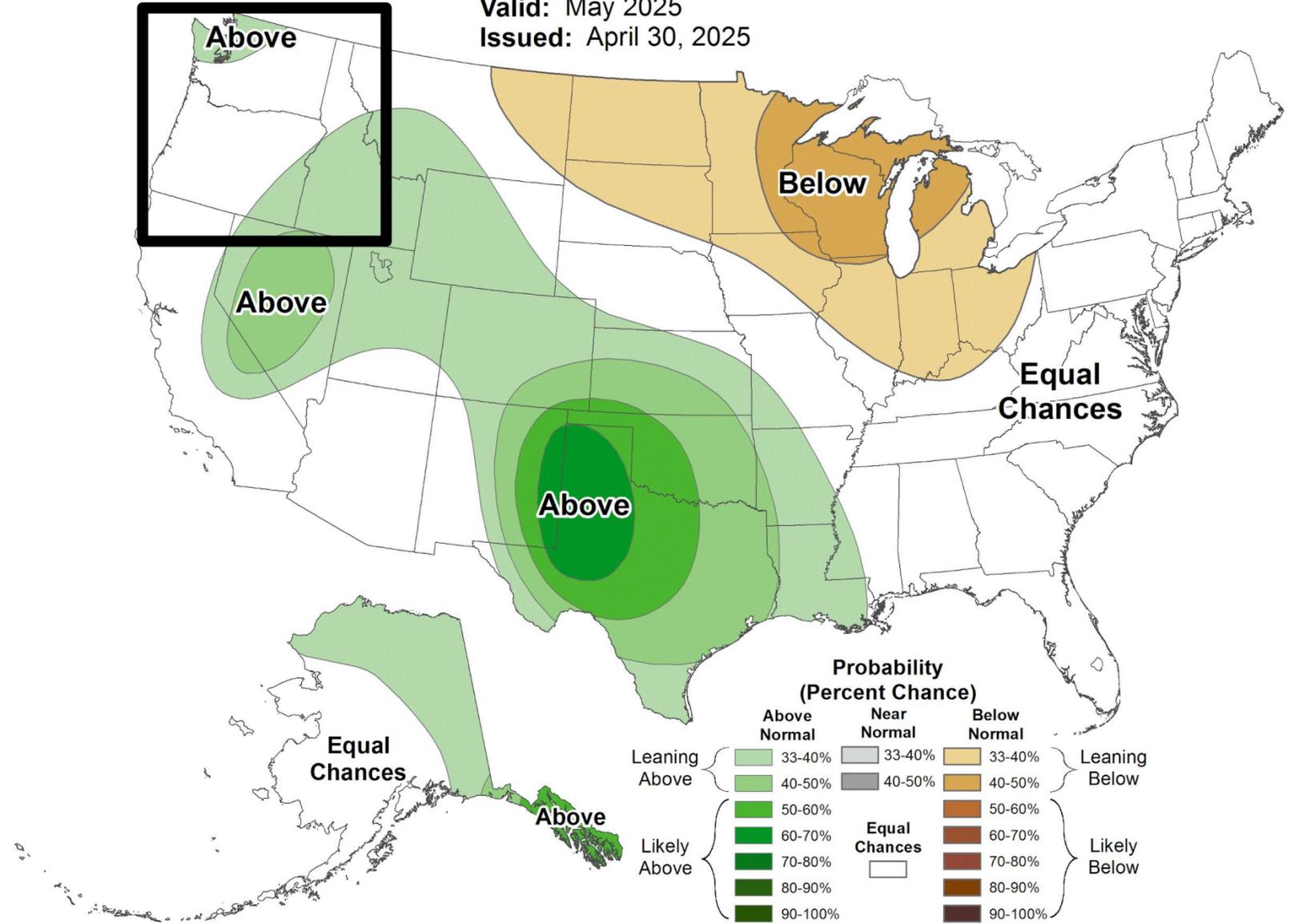
Valid: May 2025
Issued: April 30, 2025



Monthly Precipitation Outlook



Valid: May 2025
Issued: April 30, 2025



- Equal chances of above, below or near normal temperature for April (% probability)

- Equal chances of above, below or near normal precipitation for April (% probability)



Summer Outlook for JUN-JUL-AUG

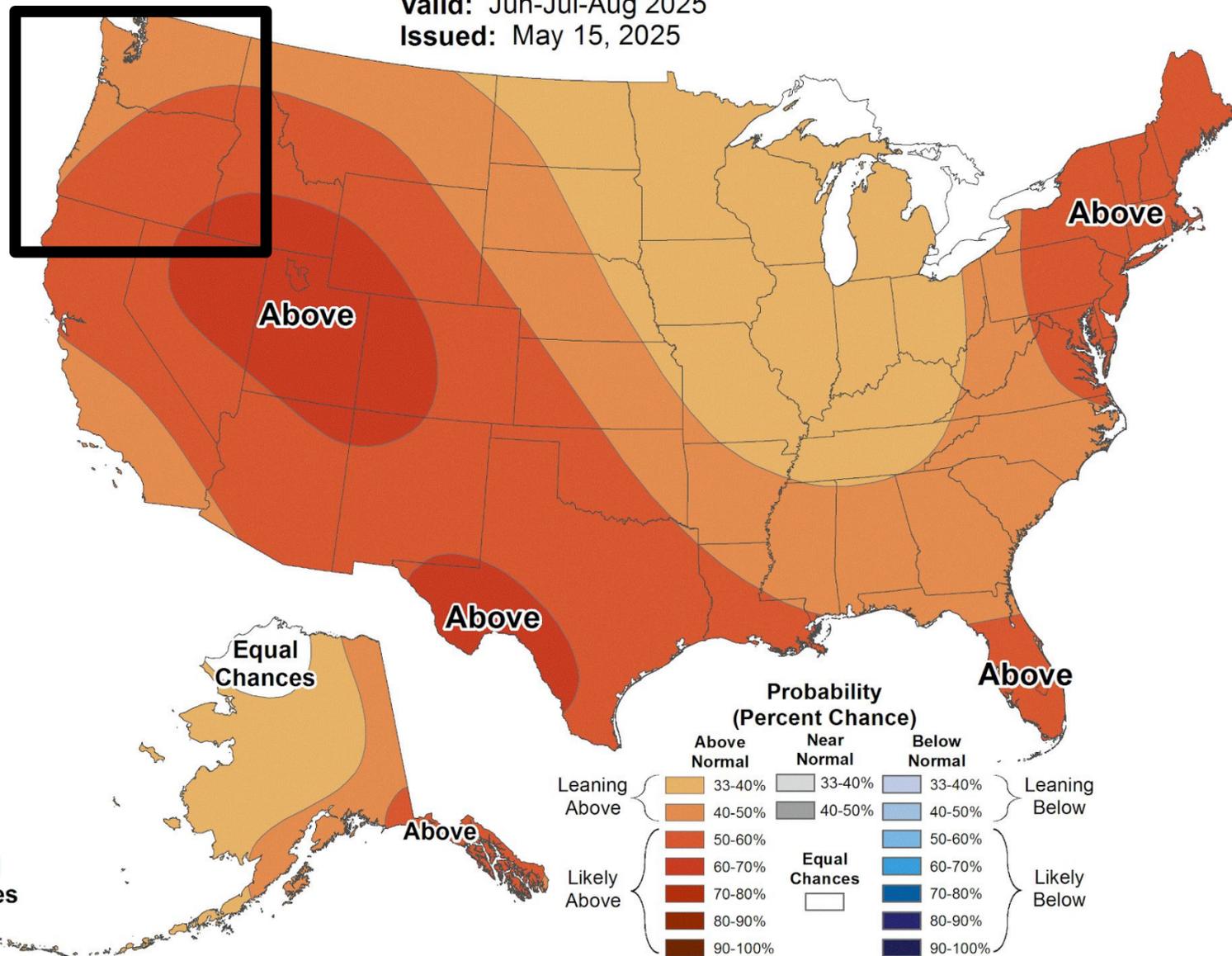
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Friday, May 16



Seasonal Temperature Outlook



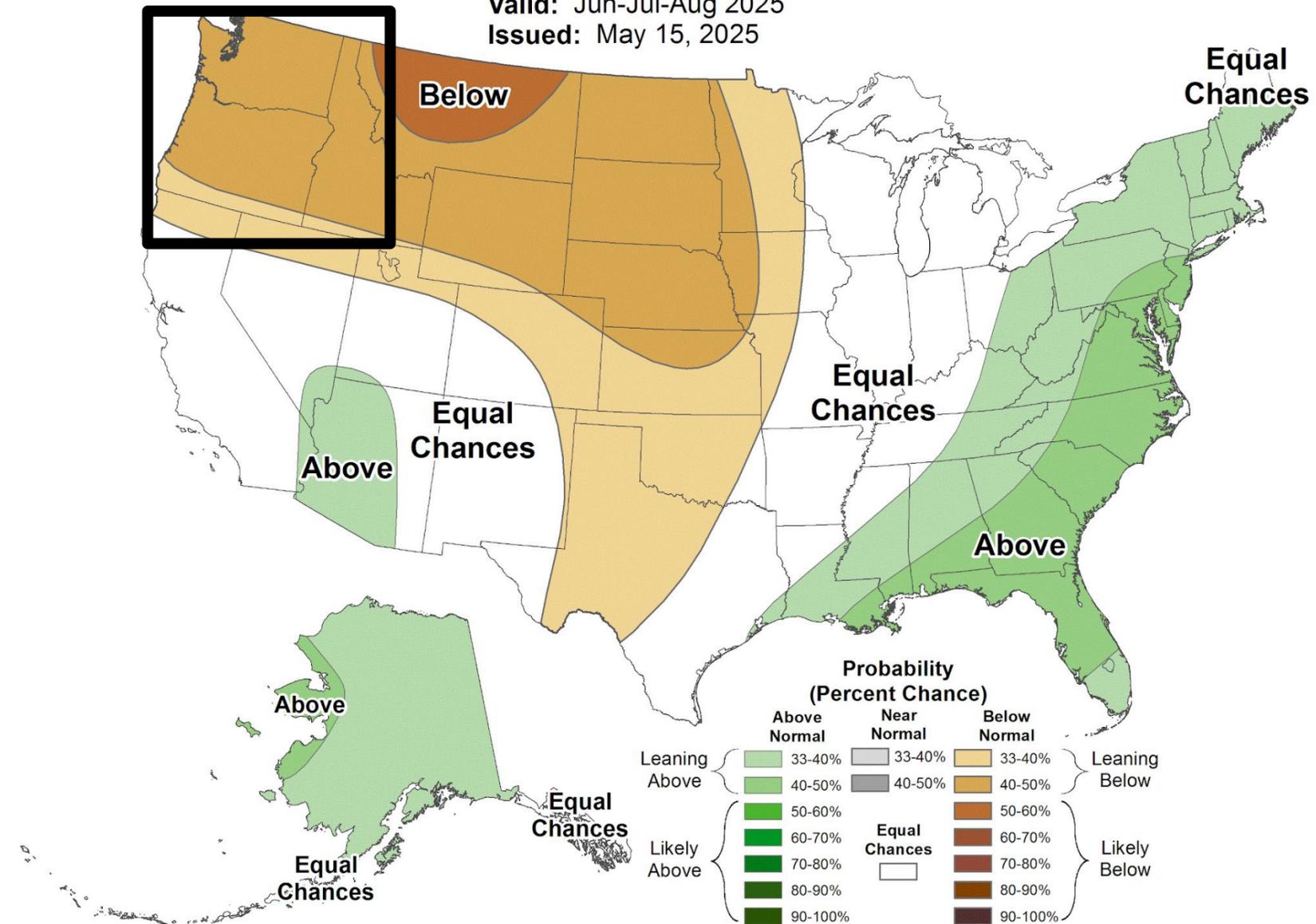
Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



- Leaning above to likely above normal temperatures (45-55% probability).

- Leaning below normal precipitation (40-45% probability).



Summer Outlook for JUN-JUL-AUG (auto)

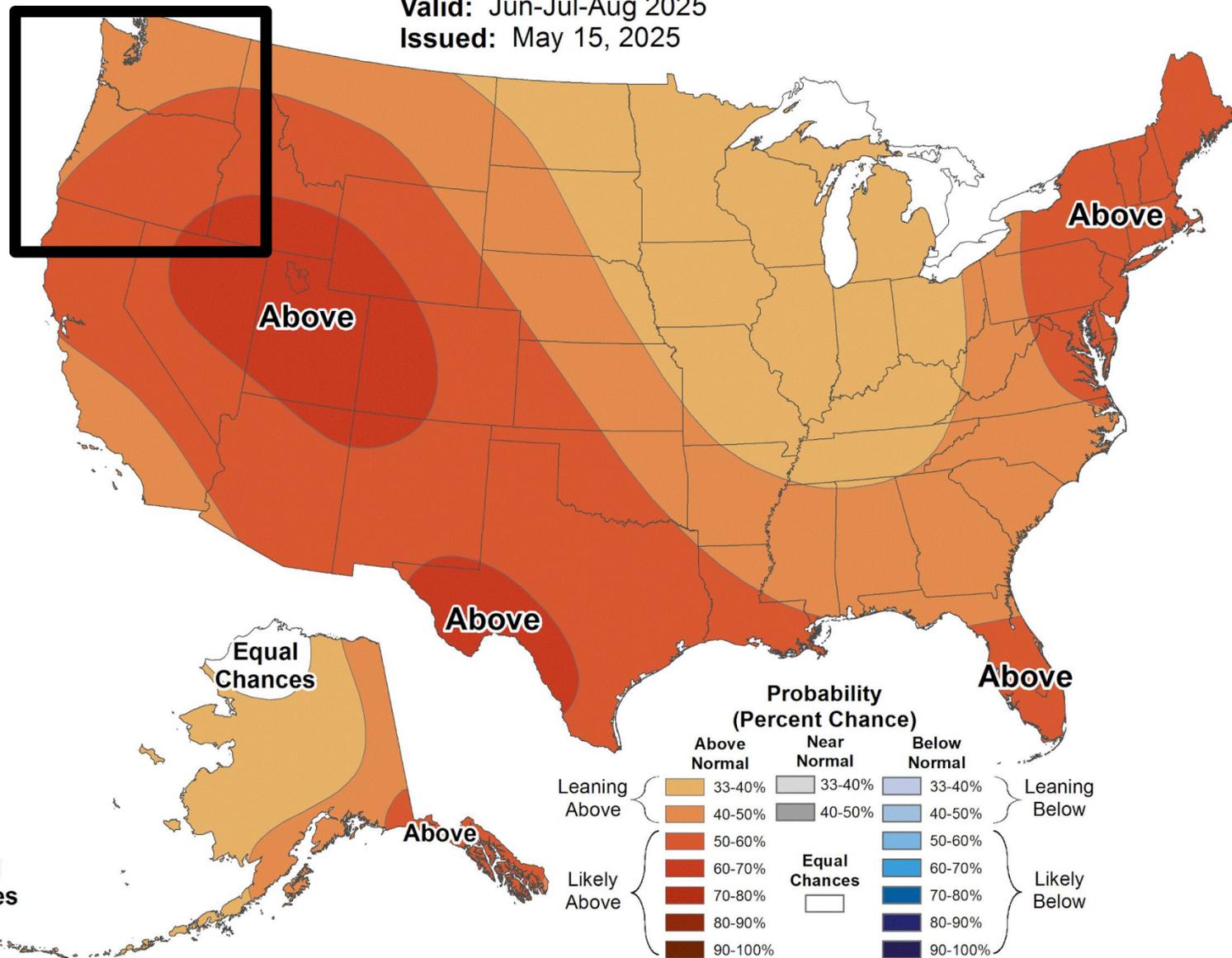
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Portland, OR
Friday, May 16



Seasonal Temperature Outlook



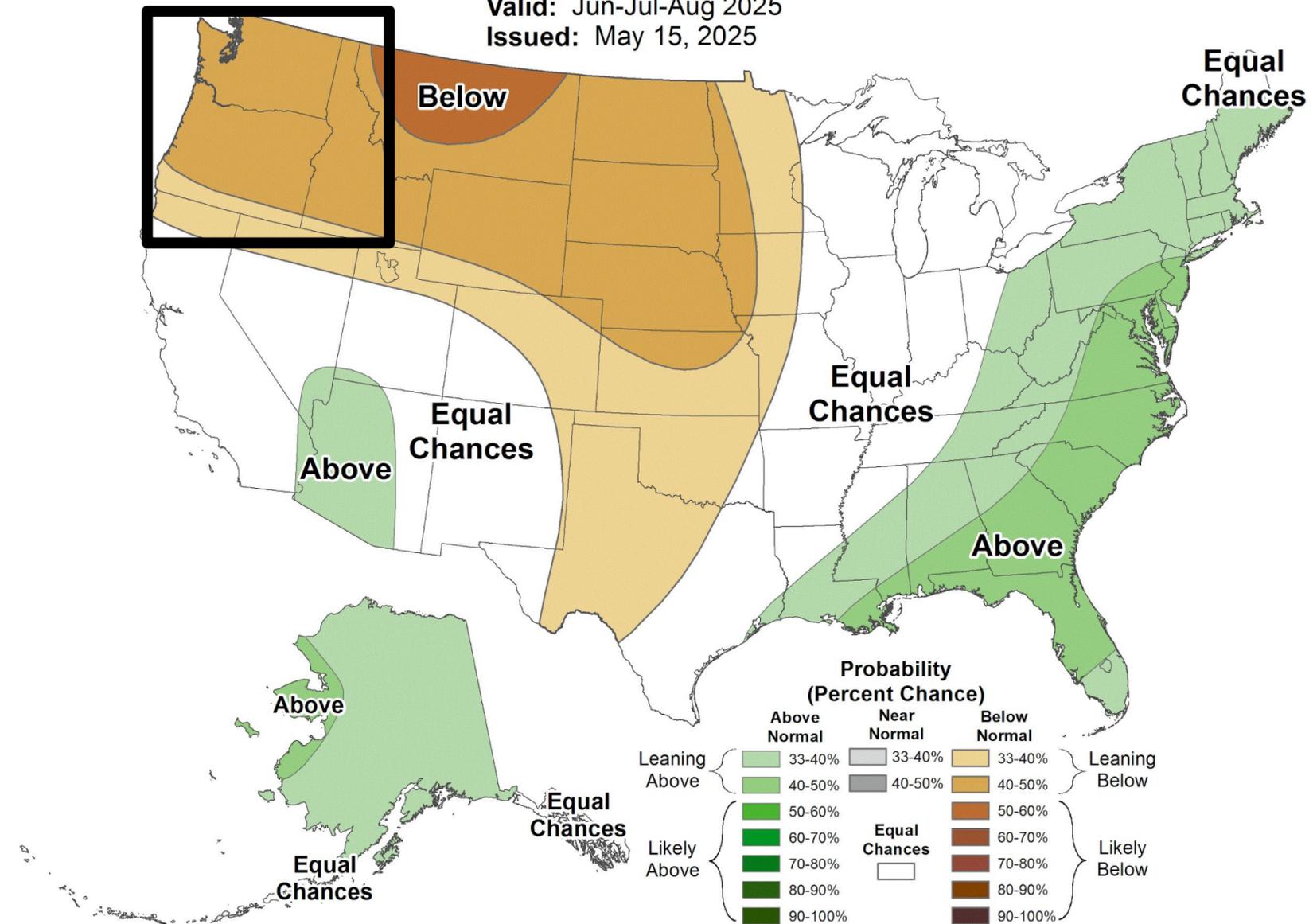
Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



- Leaning above to likely above normal temperatures (45-55% probability).

- Leaning below normal precipitation (40-45% probability).



Reservoir storage for irrigation reservoirs across the state is generally above average. Flood control reservoirs in western Oregon will gradually refill through the spring.

Owyhee, located in southeast Oregon, is the largest irrigation reservoir in the state. It has observed storage of about 714,000 acre-feet, which is 100 percent of capacity and 142 percent of average for this time of year.

Reservoir data is provided by the Natural Resources Conservation Service, the Bureau of Reclamation, and the US Army Corps of Engineers.

Additional reservoir information:

<https://www.nwd-wc.usace.army.mil/nwp/teacup/willamette/>

<https://www.usbr.gov/pn/hydromet/select.html>

<https://www.nrcs.usda.gov/resources/data-and-reports/snow-and-climate-monitoring-predefined-reports-and-maps>



Current Streamflow Conditions

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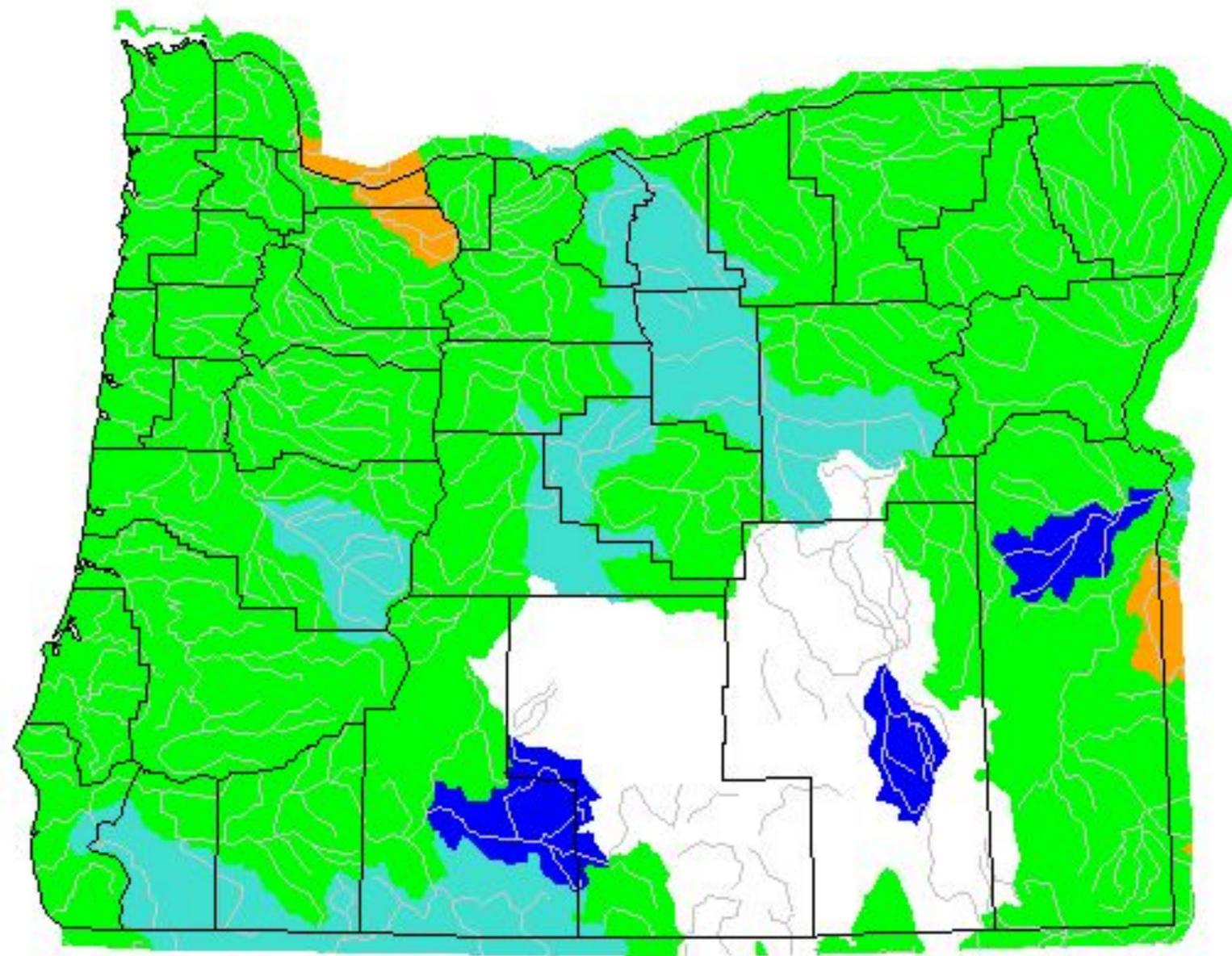
April 2025

Observed Streamflow

Observed runoff so far this water year has been average for most watersheds statewide, particularly so for watersheds in central and southwest Oregon.

Visit waterwatch.usgs.gov for details on observed streamflow.

Runoff data is available at www.nwrfc.noaa.gov/natural/index.html at water year and monthly time scales for several locations in Oregon.



Explanation - Percentile classes

Low	<10	10-24	25-75	76-90	>90	High	No Data	
	Much below normal	Below normal	Normal	Above normal	Much above normal			





NWRFC Water Supply Forecasts

Water Supply Seasonal Forecasts

Water supply forecasts for April-September runoff volume are near to below average for western and far-northeast Oregon watersheds, ranging from 50 to 100 percent. Forecasts are above average for far-southwest, central and southeast Oregon watersheds, ranging from 100 to 200 percent.

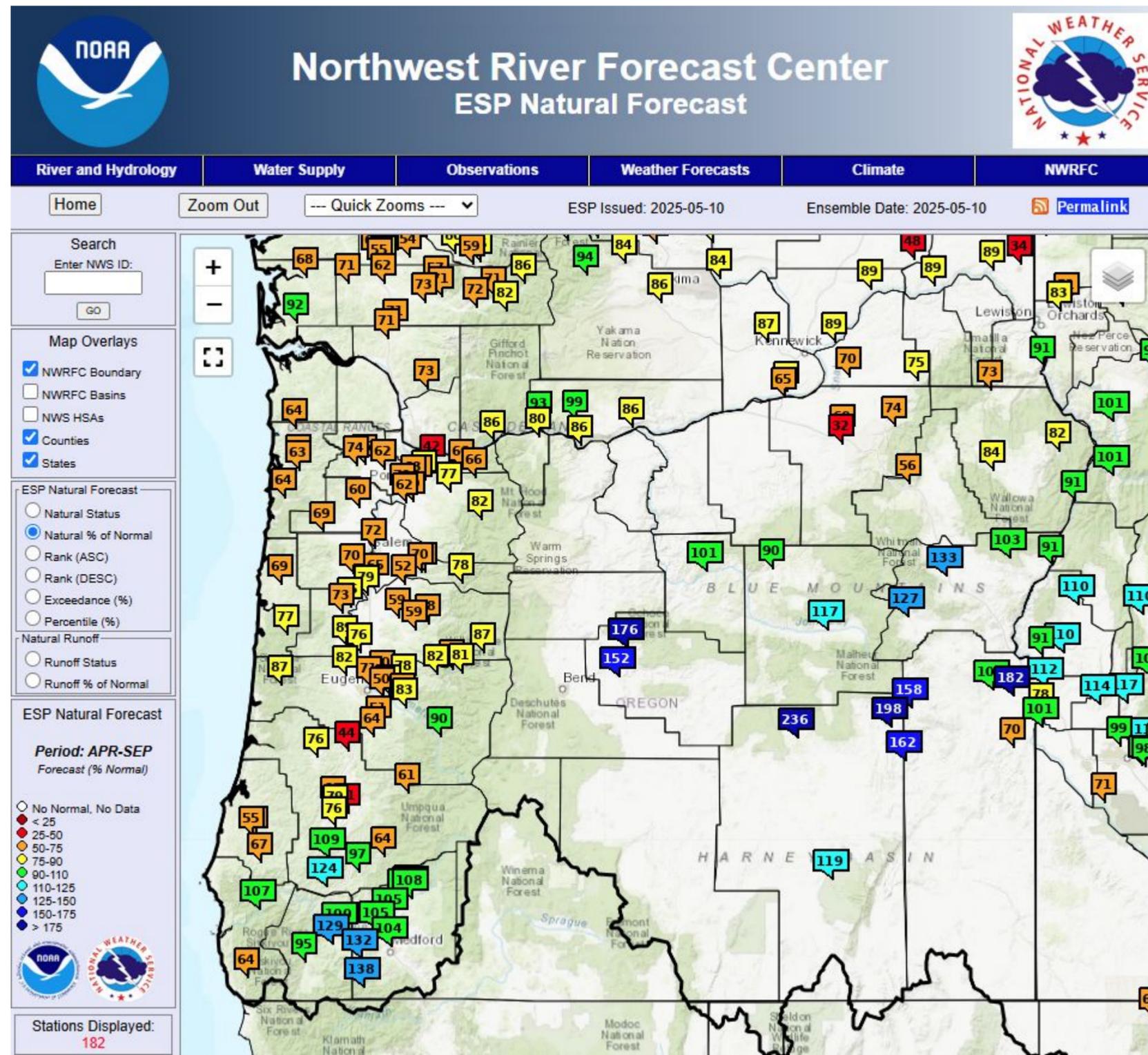
The forecast for the Columbia River at The Dalles, which is a good index of conditions across the Columbia Basin, is 86 percent of average for April-September.

Details on basin-scale water supply forecasts:

[NOAA NWS - Northwest River Forecast Center](#)

[NOAA NWS - California-Nevada RFC \(Klamath basin\)](#)

[USDA Natural Resources Conservation Service](#)





April Summary

Weather Forecast Office
Portland, OR
Friday, May 16

- *Brief Weather Summary:* Seasonable weather with scattered showers opened the month of April before high pressure and offshore flow allowed temperatures to warm into the 70s. On the 6th, a front brought the most substantial rain of the month. Mostly dry conditions followed with above average temperatures. Near the end of April, a weak front brought another round of light rain.

Temperature Key Points

- **Above normal temperatures** were observed in April (relative to the 1991-2020 reference period).

Precipitation Key Points

- Predominantly **below normal precipitation** was recorded across northwest Oregon and southwest Washington, with the greatest anomalies across northern and western Oregon.

Water Supply (including drought and snowpack)

- The water supply forecast for the spring and summer of 2025 is near to below average for western and far-northeast Oregon watersheds and above average for southwest, central and southeast Oregon watersheds.
- Precipitation so far this water year is near normal, except above normal across southeast Oregon, and slightly below normal in far northwest Oregon.
- Snowpack is currently 70-150% of normal, lowest across the central Oregon Cascades and highest across southern Oregon (as of May 8, 2025).



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