

Snowpack Evaluation

Weather Research and Consulting Services, LLC

This is the June 1, 2025 Washington and Oregon snowpack report, along with comparisons to 2021, 2022, 2023 and 2024. It is the final report of the 2024-2025 snowpack season.

While the middle of May was cool and wet across the Pacific Northwest, the last week of the month turned hot and dry. Temperatures soared into the 80s and mid 90s with low relative humidity. This hot spell accelerated snowmelt in both Washington and Oregon with snow remaining only over the higher peaks. The Oregon Snow Water Equivalent (SWE) dropped 19% and is now 89% of median. This is very similar to last year's 86% on this date. The SWE ranges from 225% of median in Harney County to 0% in the Owyhee, Malheur, and John Day River Basins. By far, the best snowpacks are located in southwestern and south-central Oregon. Washington's snowpack fell another 14% and is now 46% of median. This is lower than last year's 59% and is the lowest since 2019. The SWE ranges from 97% of median in the Lewis/Cowlitz River Basin to 20% in the Cedar/Snoqualmie River Basin and 0% in the Lower Yakima River Basin. Our Spring Snowpack Index indicates a very active 2025 fire season in both Washington and Oregon with over a million acres burned.

A graphic of Snow Water Equivalent (SWE) percentages across the western United States is also included for comparison. Areas shaded in blue indicate above normal snowpack, green indicates near normal, and yellow, orange, and red below normal. The best snowpacks are in southwestern and south-central Oregon, and northern California. The worst snowpacks are in Arizona, New Mexico, Utah, Colorado, Nevada, southern Idaho, and southern California. The statewide California snowpack (not shown on map but reported by the California Department of Water Resources) is just 23% of normal, down 24% since May 15. The snowpack is well below normal and less than last year's 44%.

We will monitor snowpack figures again starting January 1, 2026. If there are questions about this report, please contact Weather Research and Consulting Services, LLC using the links at the end of this report.

Oregon and Washington Snowpack Comparison as of June 1, 2025

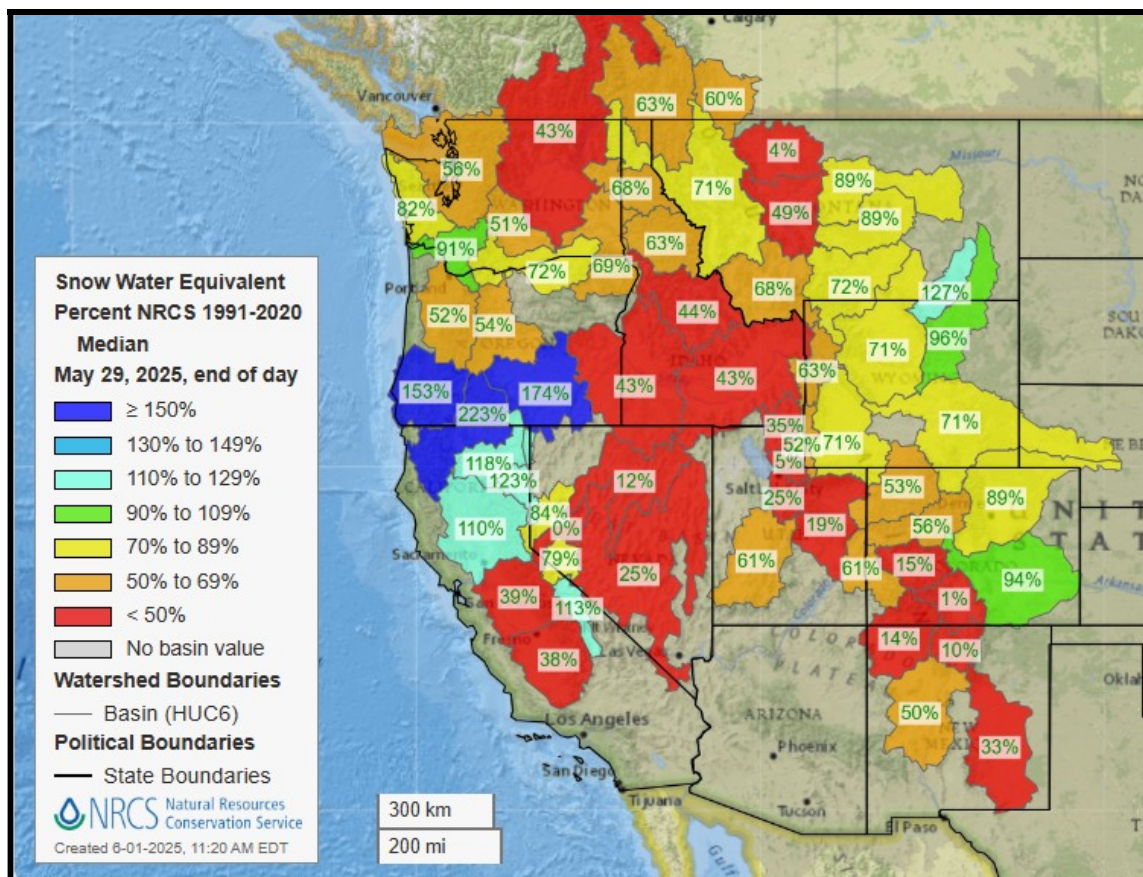
Oregon

		(Percent of Normal)				
<u>River Basin</u>	<u>Date</u>	<u>2025</u>	<u>2024</u>	<u>2023</u>	<u>2022</u>	<u>2021</u>
Owyhee	June 1	0	0	0	0	0
Malheur	June 1	0	0	0	0	0
Grande Ronde	June 1	78	93	98	253	5
Umatilla	June 1	115	112	77	275	0
John Day	June 1	0	0	0	0	0
Deschutes	June 1	52	99	83	173	41
Lower Columbia	June 1	51	108	82	305	82
Willamette	June 1	52	100	103	222	40
Rogue/Umpqua	June 1	175	96	166	142	34
Klamath	June 1	205	105	293	218	0
Lake County	June 1	120	N/A	389	49	0
Harney	June 1	225	234	N/A	137	0
State AVG		89	86	117	148	17

Note: Red figures indicate the lowest snowpack average in the past 5 years.

Washington

		(Percent of Normal)				
<u>River Basin</u>	<u>Date</u>	<u>2025</u>	<u>2024</u>	<u>2023</u>	<u>2022</u>	<u>2021</u>
Spokane	June 1	58	79	40	206	66
Columbia/Methow	June 1	21	54	7	197	124
Chelan/Wenatchee	June 1	23	34	28	188	96
Upper Yakima	June 1	27	62	37	241	204
Lower Yakima	June 1	0	0	0	(1850)	0
Lower Snake	June 1	76	93	91	243	2
Lewis/Cowlitz	June 1	97	102	119	187	152
White/Green	June 1	64	62	53	183	137
Cedar/Snoqualmie	June 1	20	66	64	319	358
Baker/Skagit	June 1	52	56	42	146	109
Olympic	June 1	68	39	90	196	206
State AVG		46	59	52	211	132



Paul Werth, Fire Weather Meteorologist
Weather Research and Consulting Services, LLC
www.fireweather.com or www.firewx.com
360.907.2022 (cell)
wrcs@prodigy.net