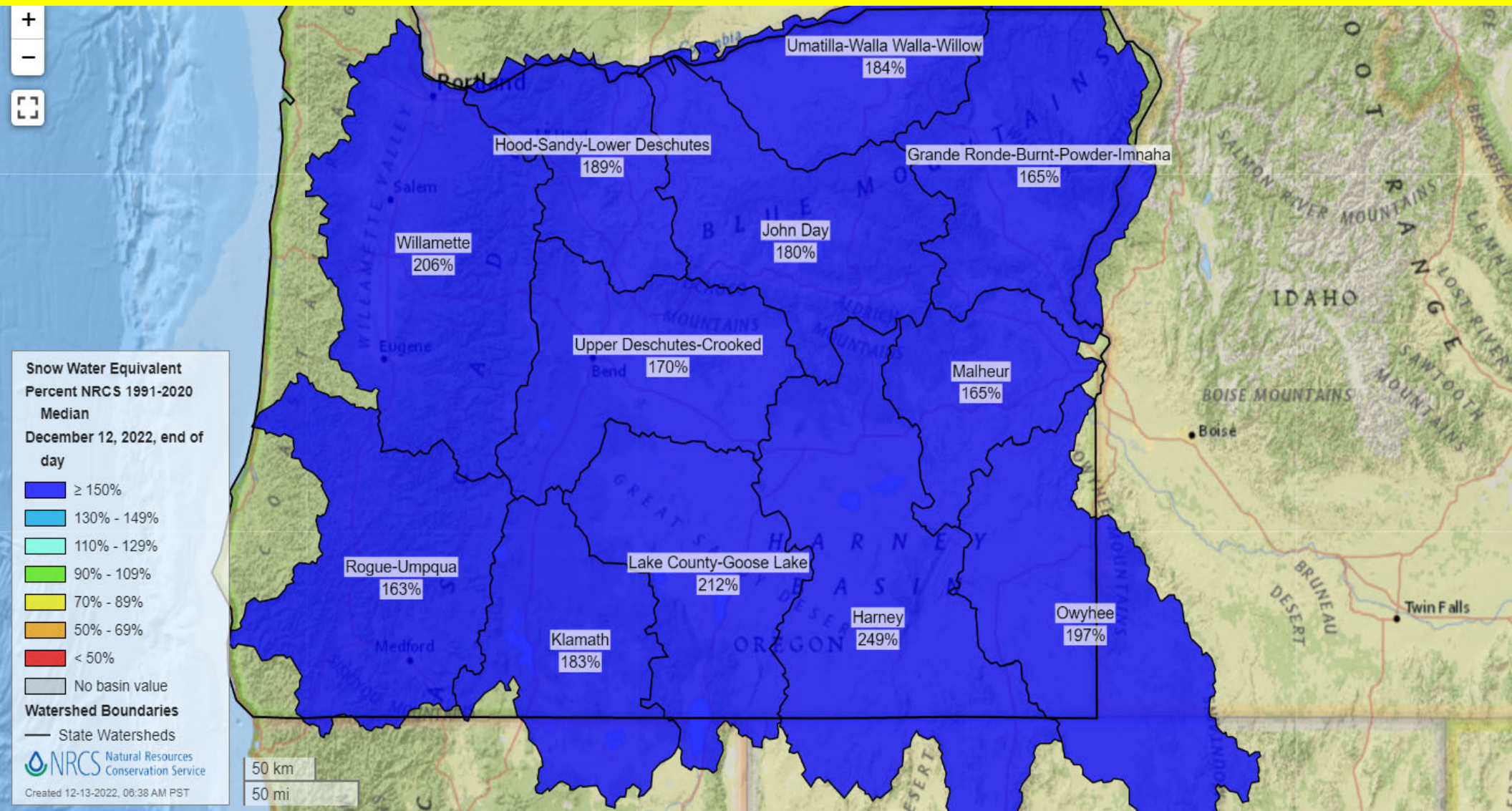


Oregon Technical Advisory Committee Meeting - December 13, 2022

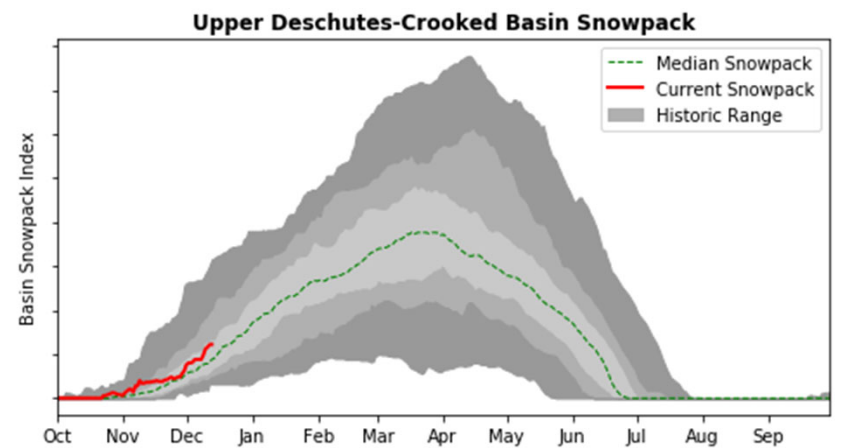
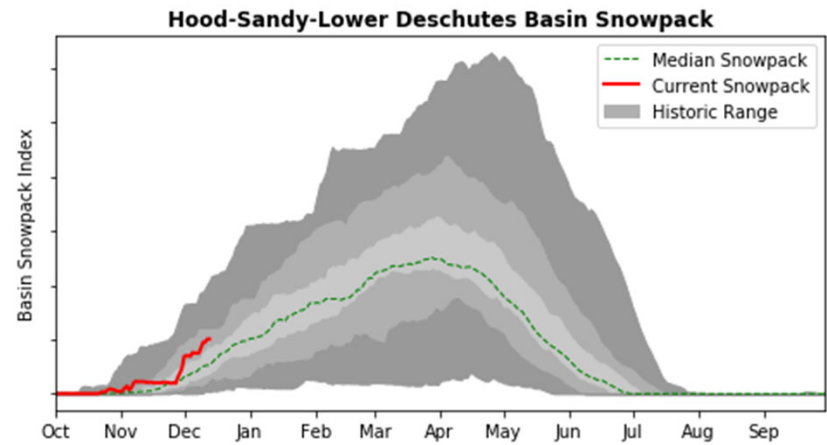
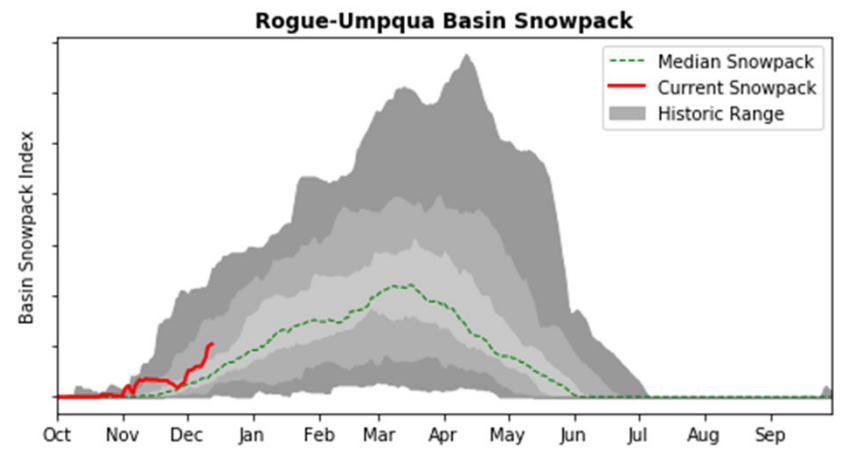
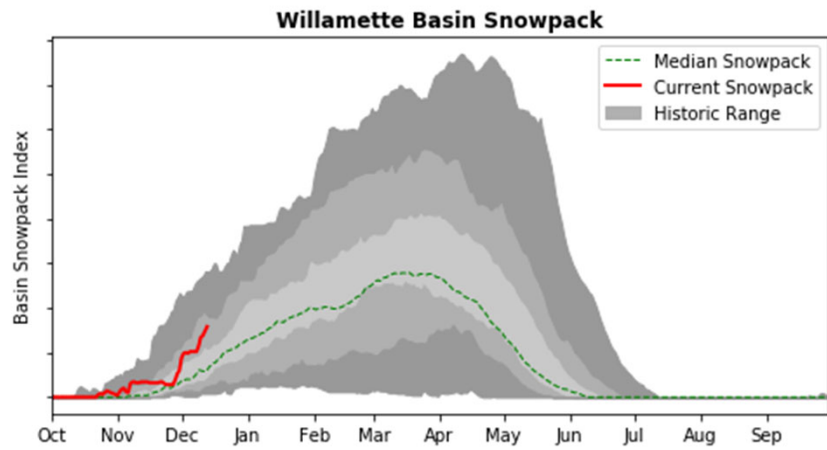
Irish Taylor SNOTEL
Post-Fire (Cedar Creek Fire) 11/09/2022
Elevation 5540'
Deschutes County
Upper Deschutes-Crooked Basin

H. Scott Oviatt
Snow Survey Supervisory Hydrologist
USDA Natural Resources Conservation Service
Oregon State Office
Scott.Oviatt@usda.gov
503-414-3271

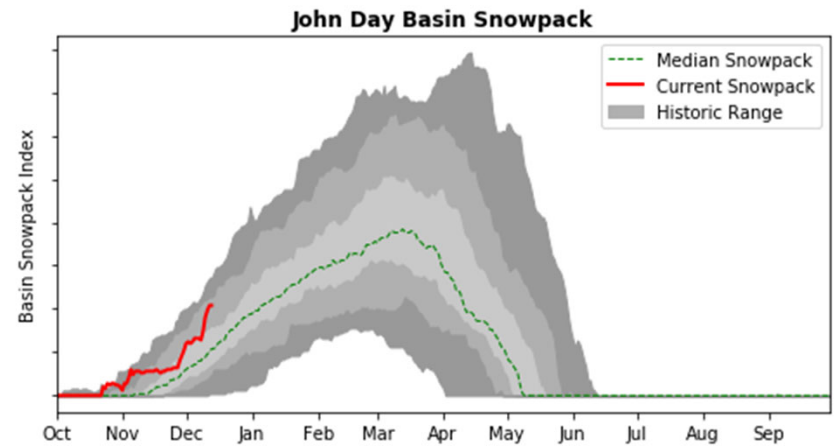
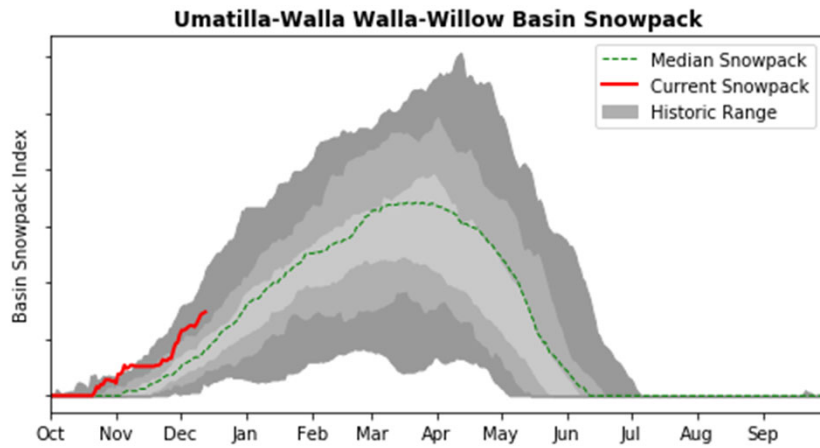
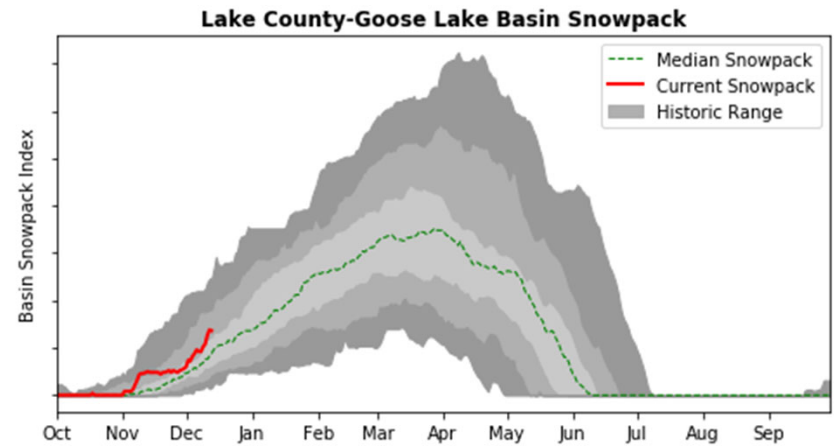
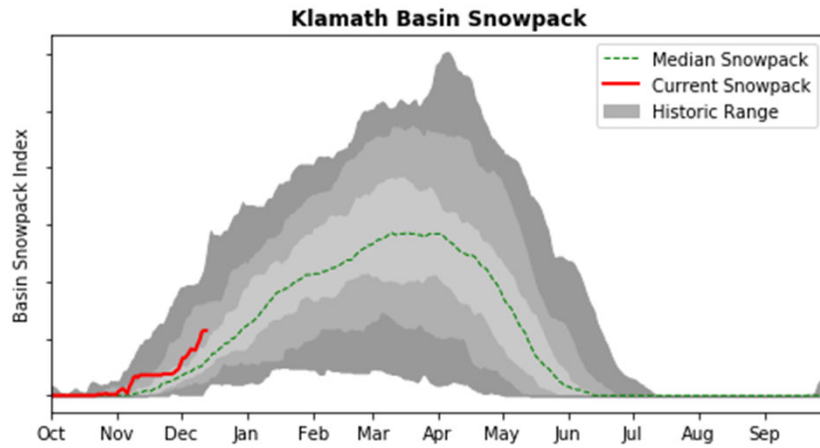
December 13, 2022, SNOTEL Statewide Snow Water Equivalent is 191% of 1991-2020 median



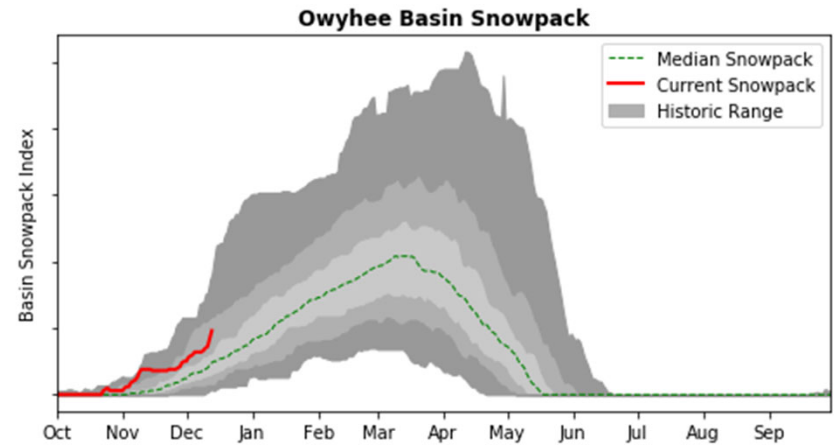
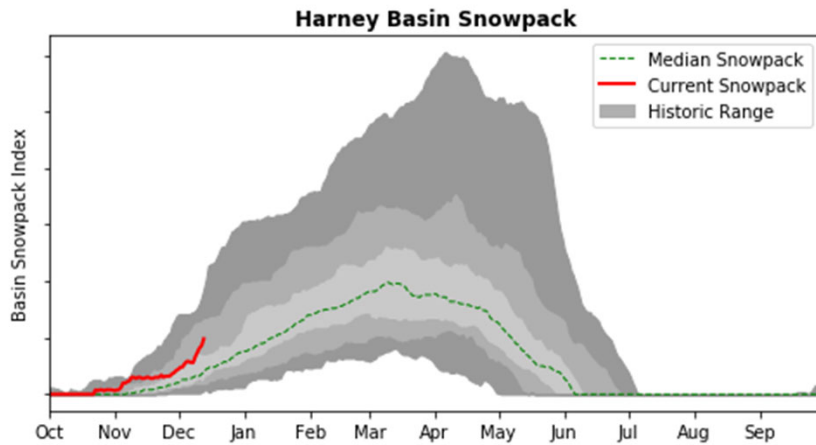
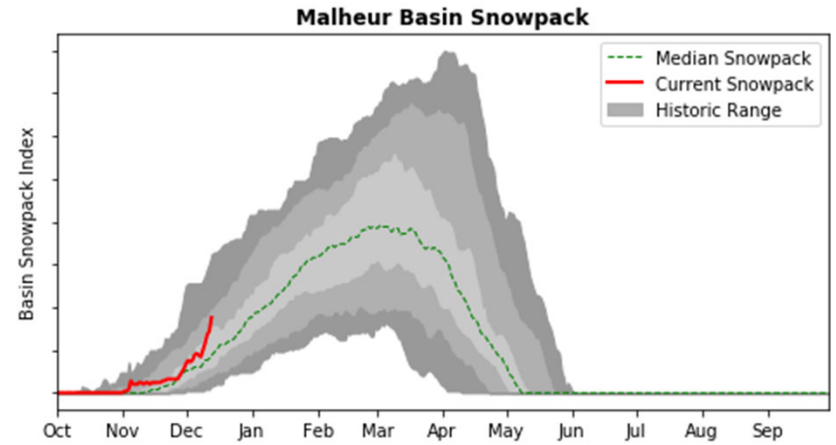
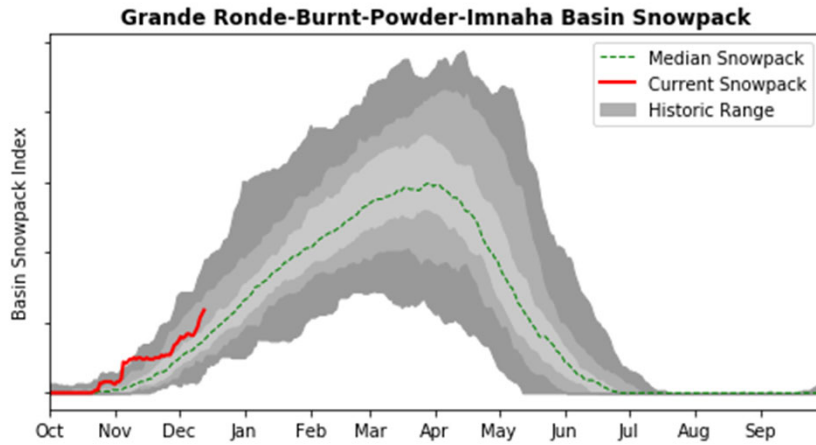
OREGON SNOWPACK GRAPHS – December 13, 2022



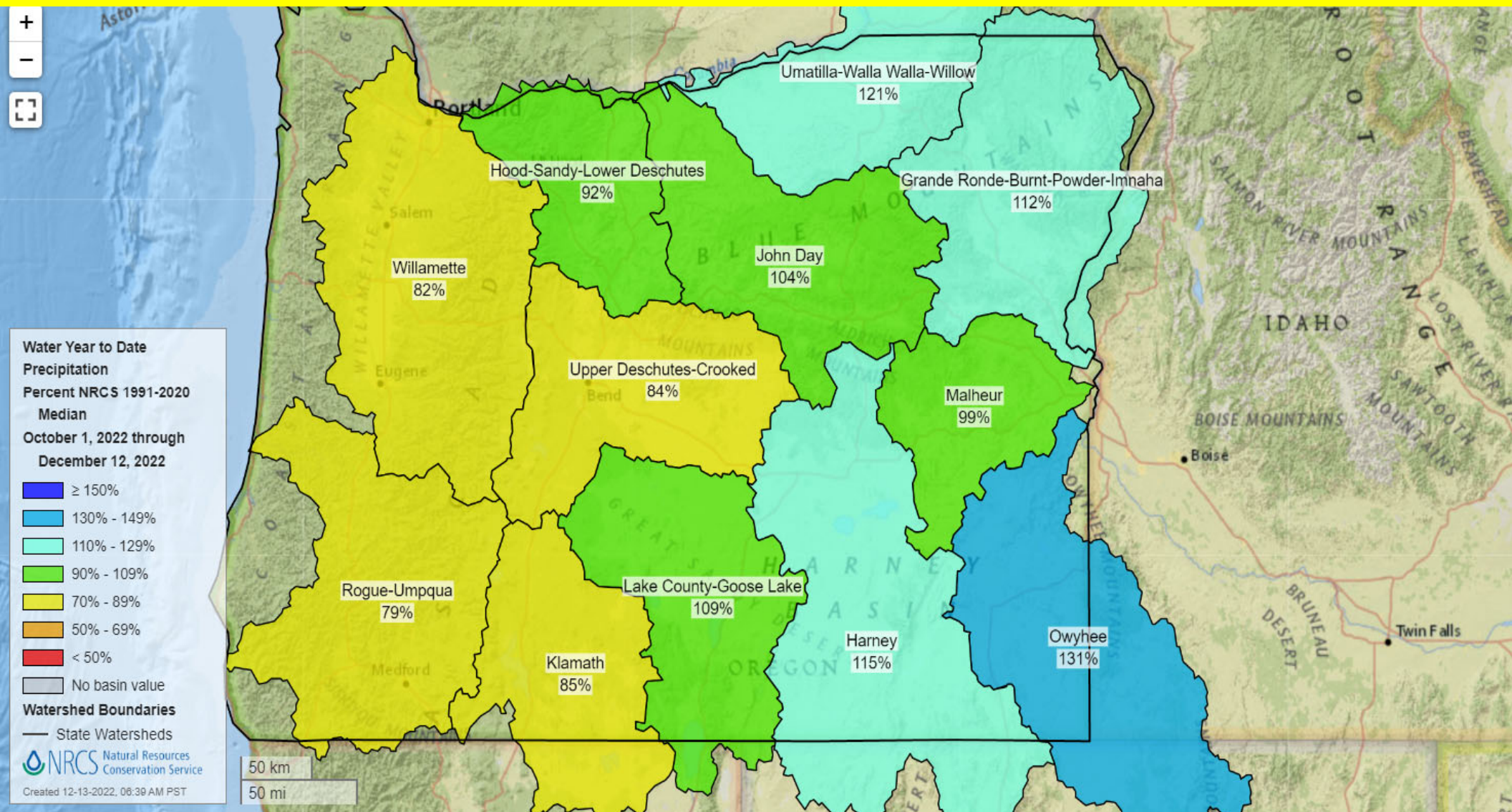
OREGON SNOWPACK GRAPHS – December 13, 2022



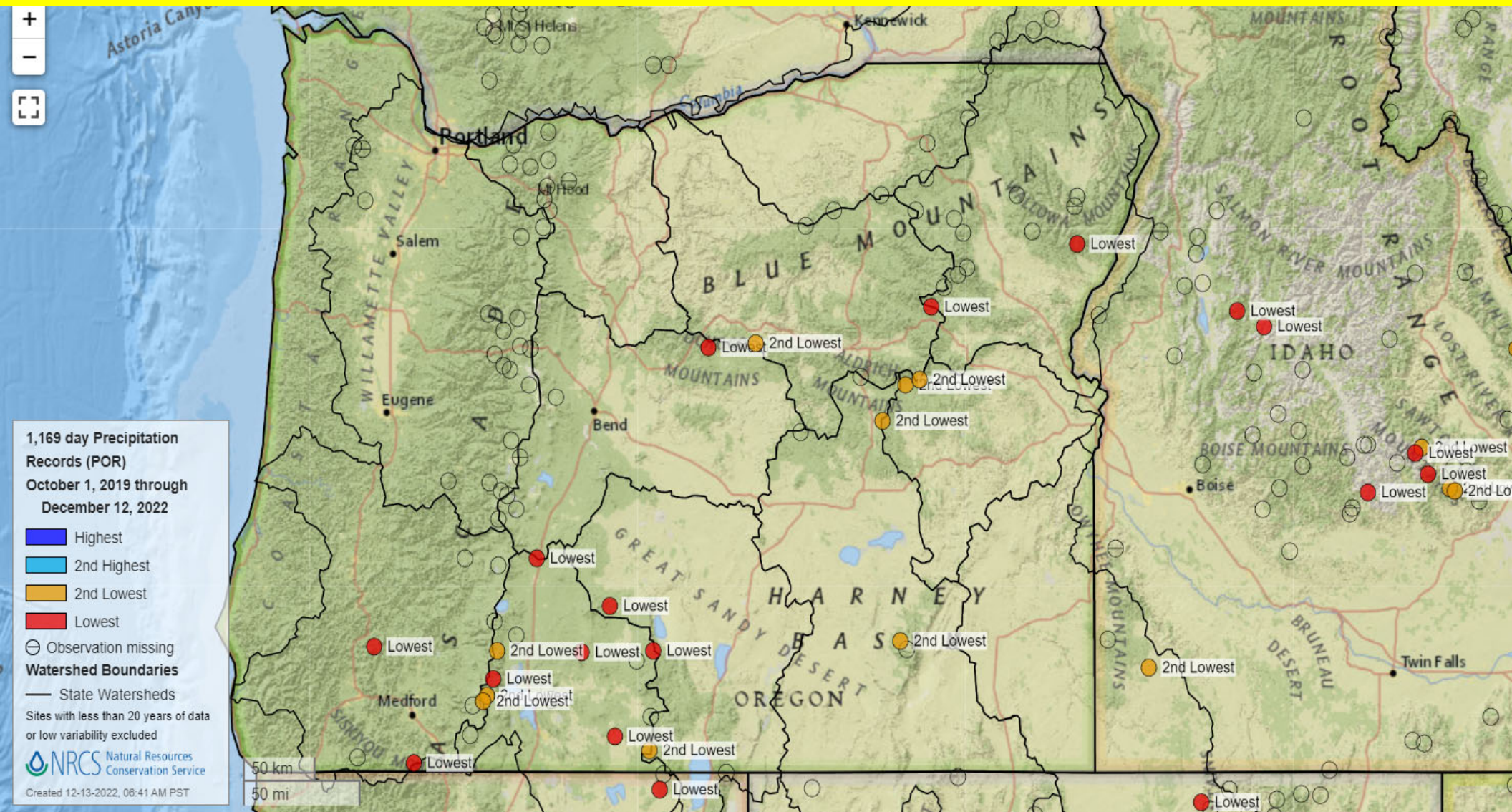
OREGON SNOWPACK GRAPHS – December 13, 2022



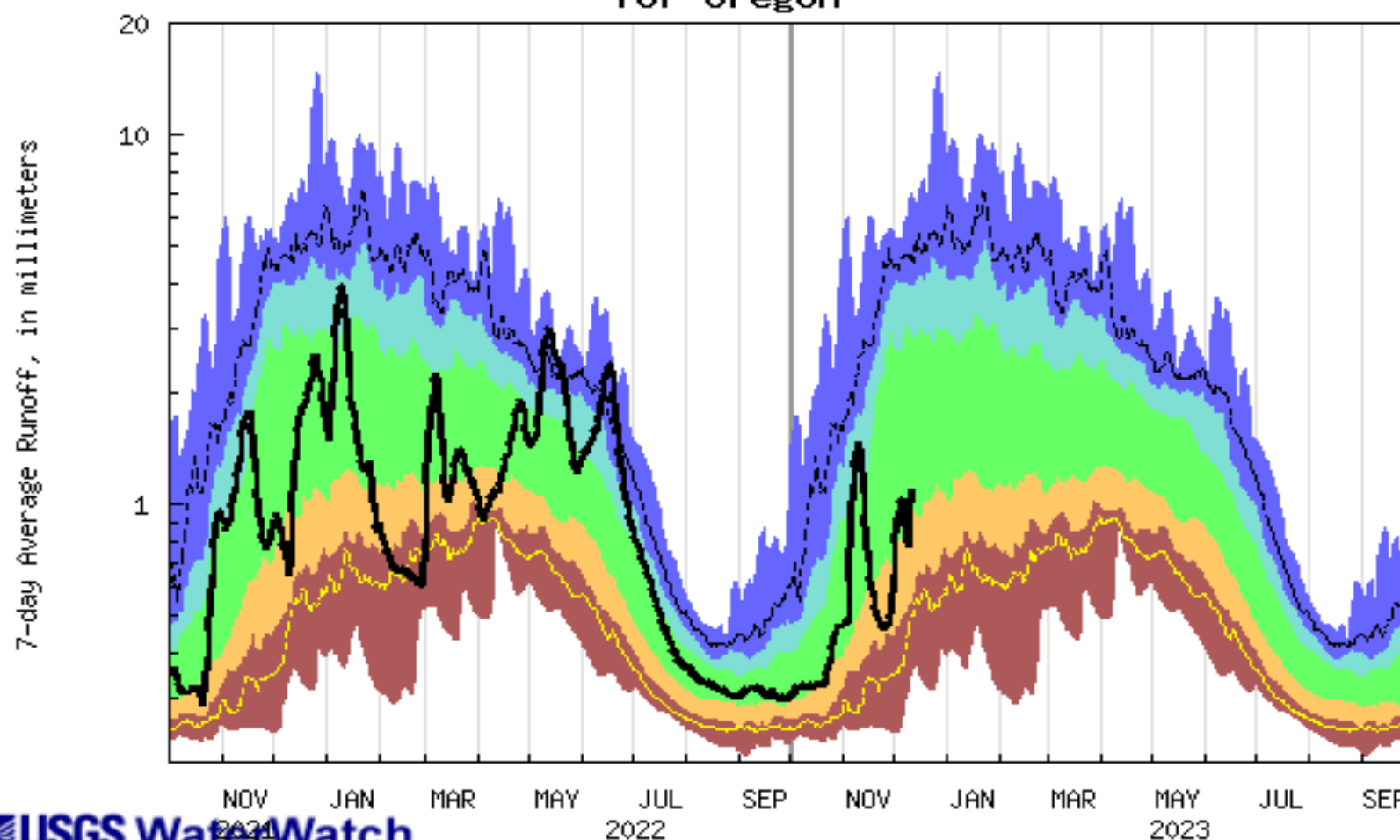
December 13, 2022, SNOTEL Water Year Precipitation is 89% of 1991-2020 median



SNOTEL Precipitation (POR) Records – October 1, 2019 – December 12, 2022

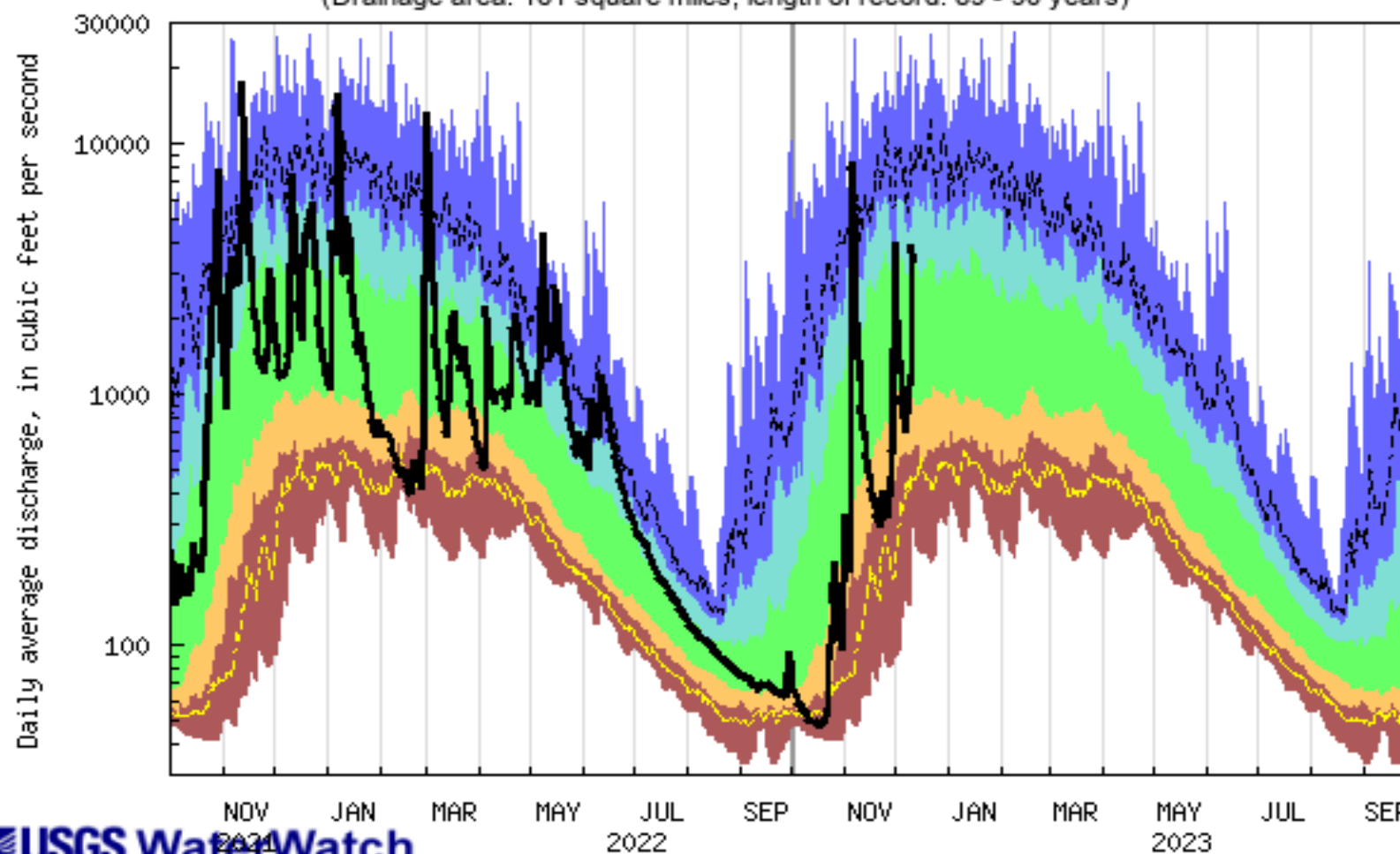


Duration hydrograph of 7-day average runoff for Oregon



Tillamook County

USGS 14301500 WILSON RIVER NEAR TILLAMOOK, OR
(Drainage area: 161 square miles, length of record: 89 - 90 years)

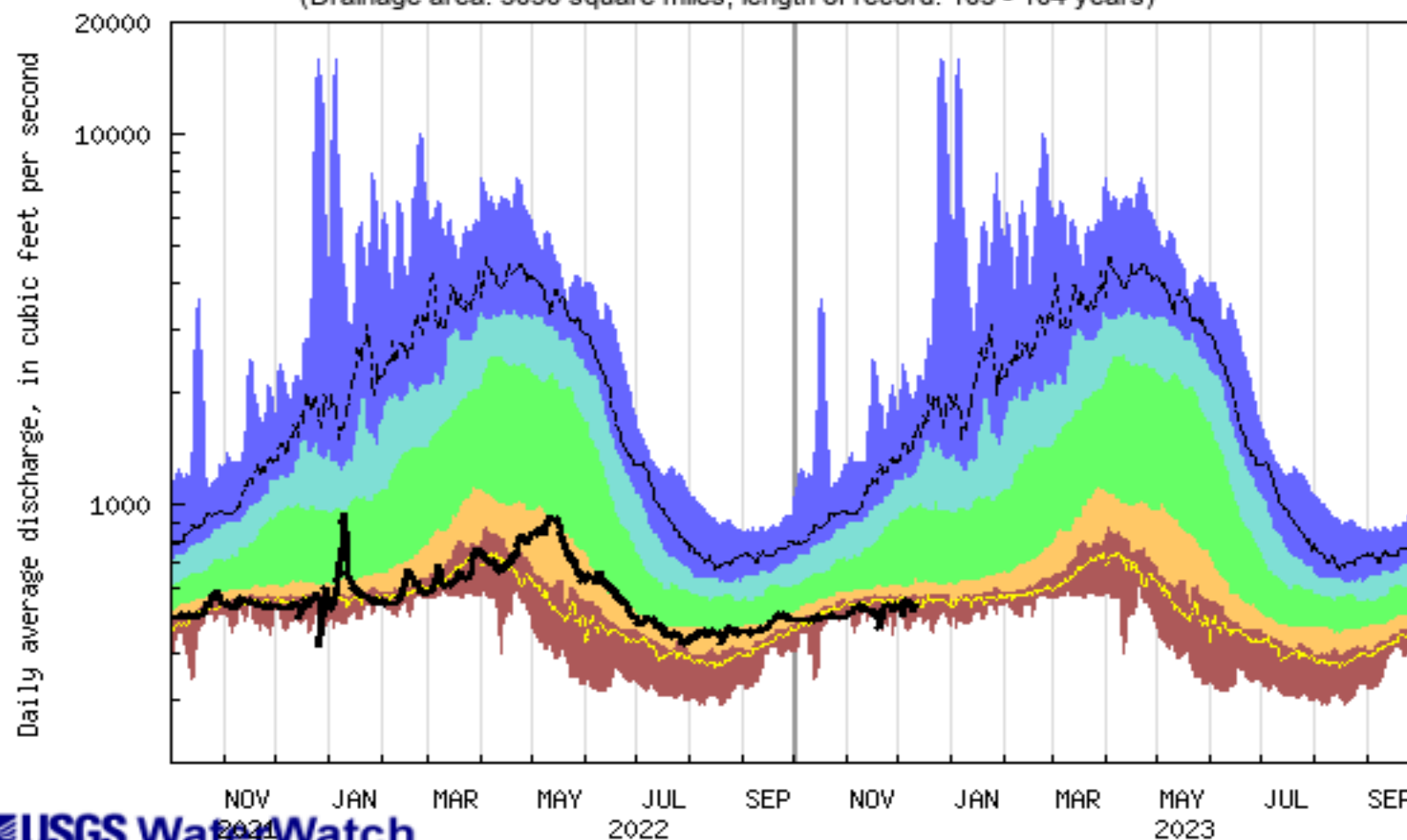


USGS WaterWatch

Last updated: 2022-12-12

Klamath County

USGS 11502500 WILLIAMSON RIVER BLW SPRAGUE RIVER NR CHILOQUIN, OR
(Drainage area: 3030 square miles, length of record: 103 - 104 years)

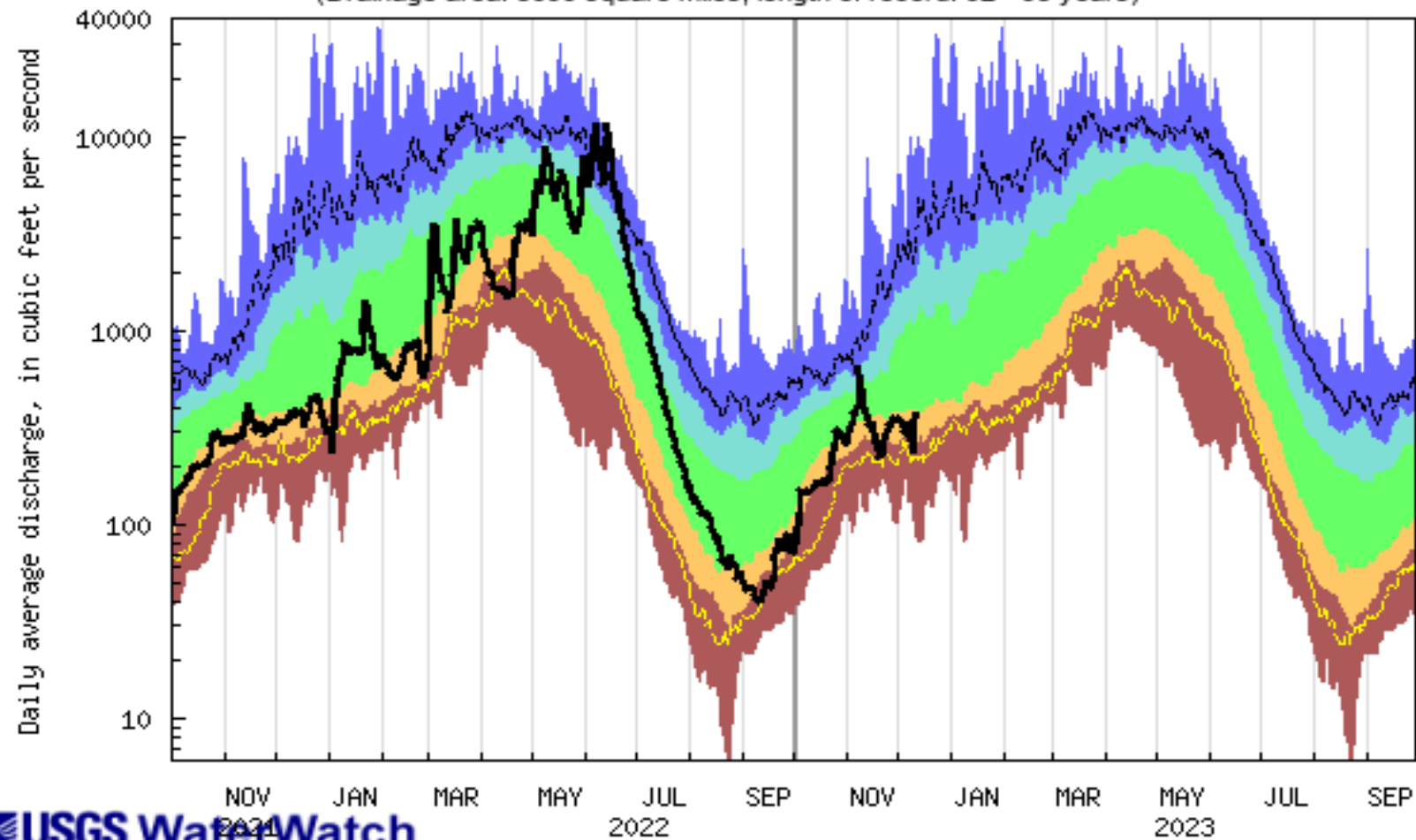


USGS WaterWatch

Last updated: 2022-12-12

Wheeler County

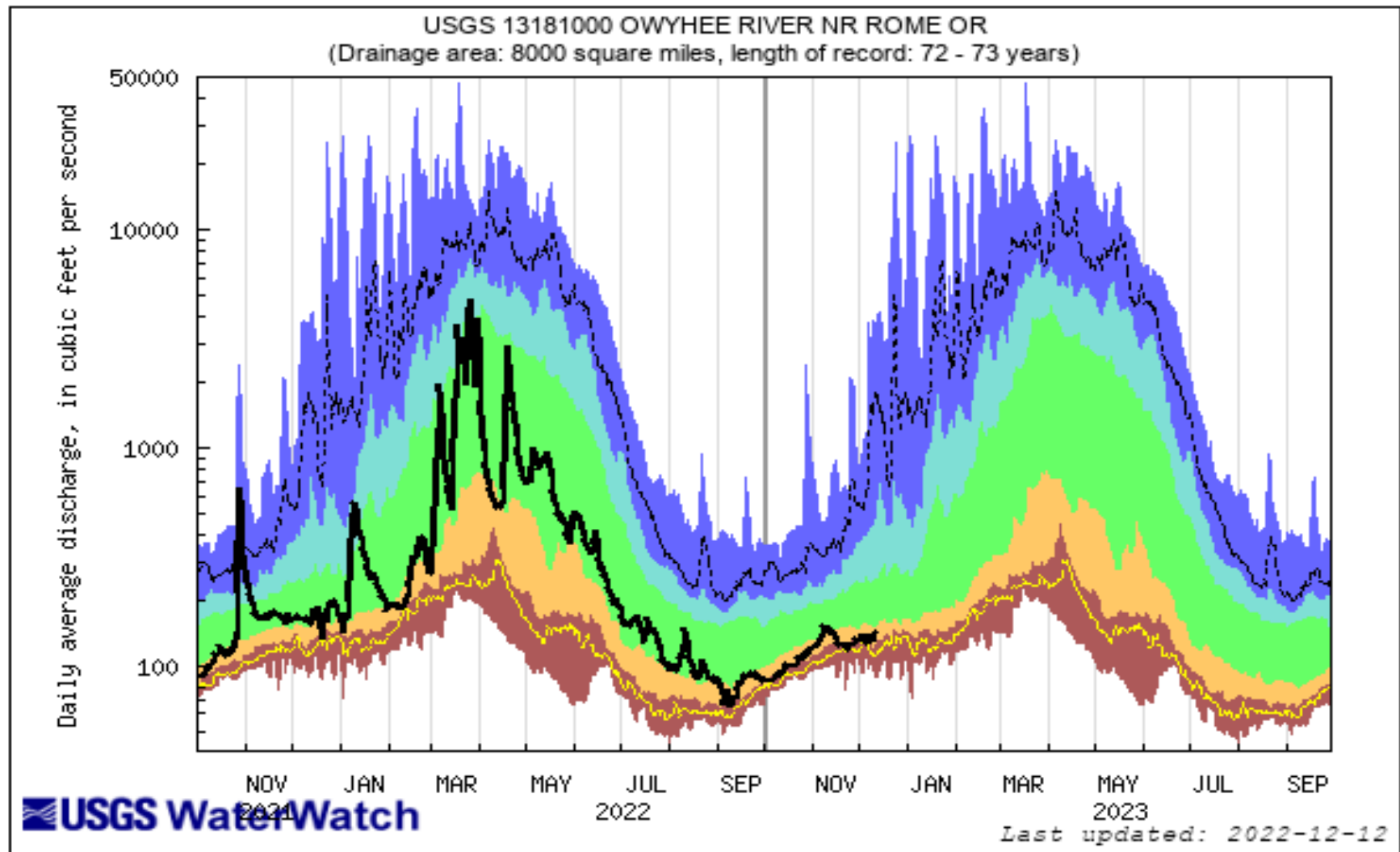
USGS 14046500 JOHN DAY RIVER AT SERVICE CREEK, OR
(Drainage area: 5090 square miles, length of record: 92 - 93 years)



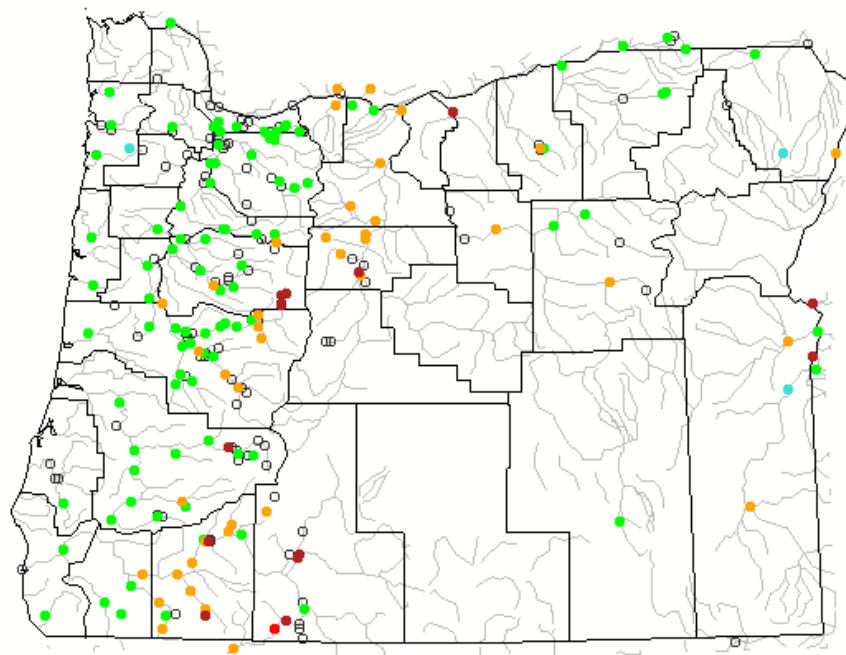
 **USGS WaterWatch**

Last updated: 2022-12-12

Malheur County



Monday, December 12, 2022 14:30ET

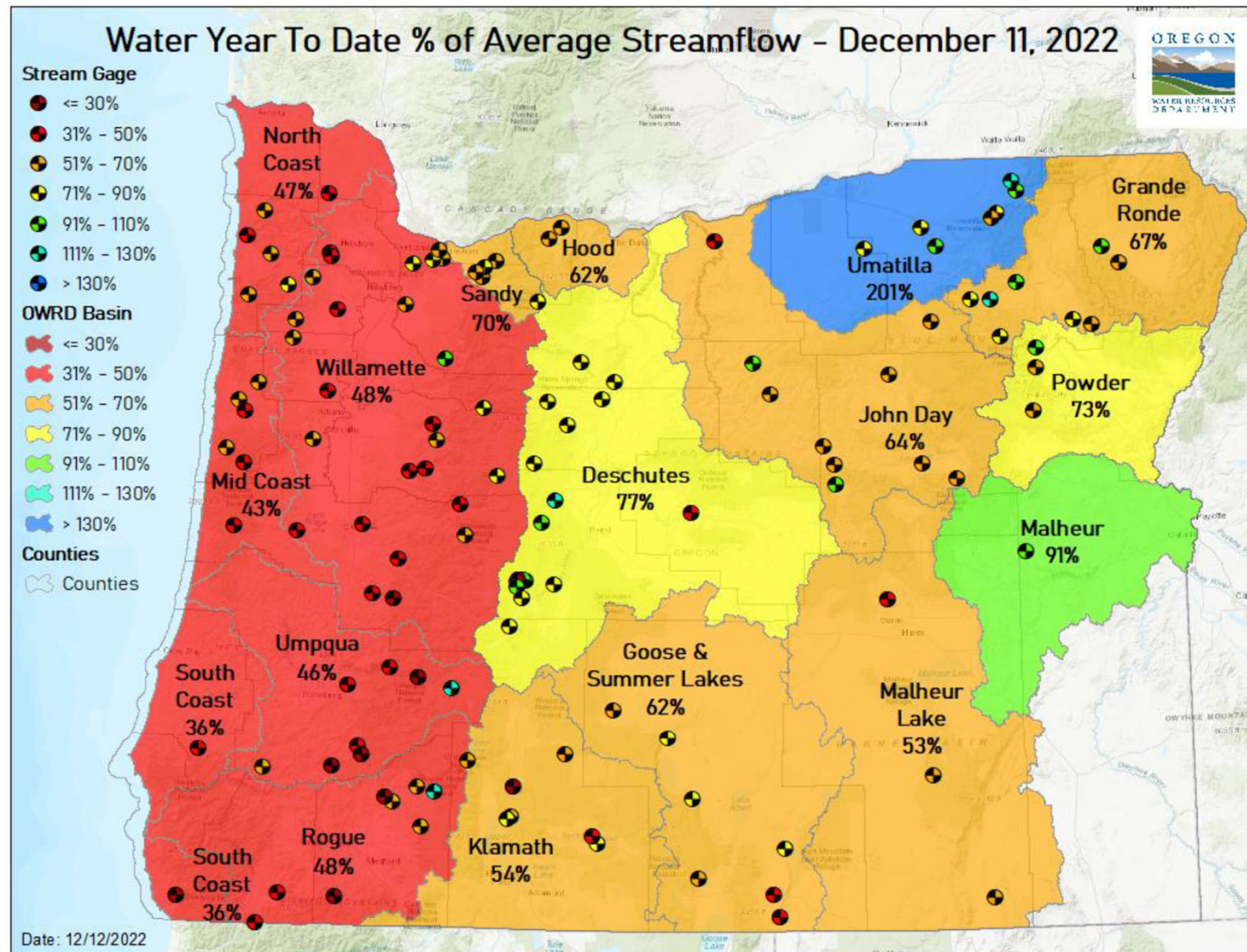


Search USGS streamgage 

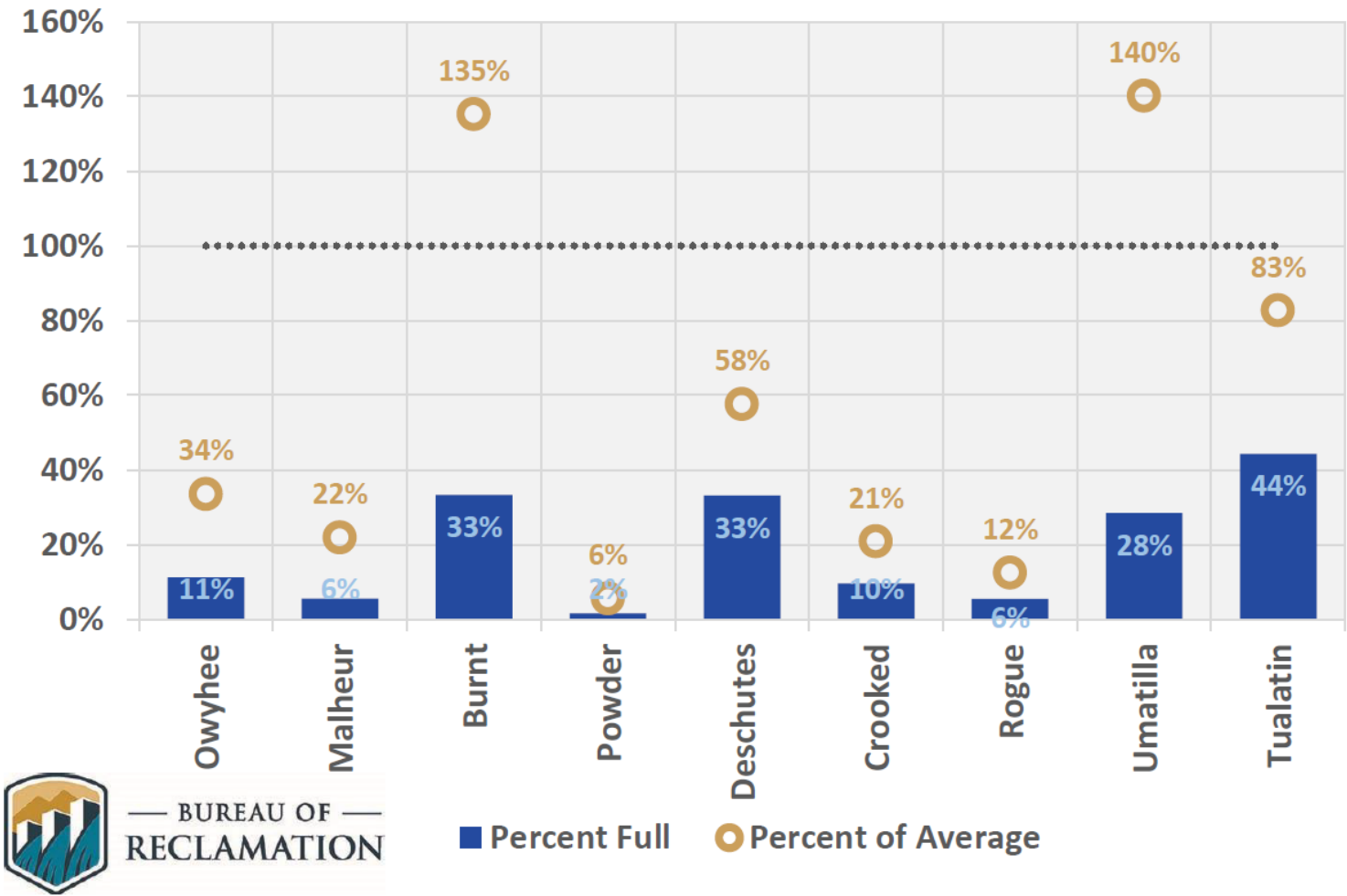
Choose a data retrieval option and select a location on the map

☐ List of all stations ☒ Single station ☐ Nearest stations ☐ Peak flow

Explanation - Percentile classes							
							
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		



December 11 Reservoir Storage

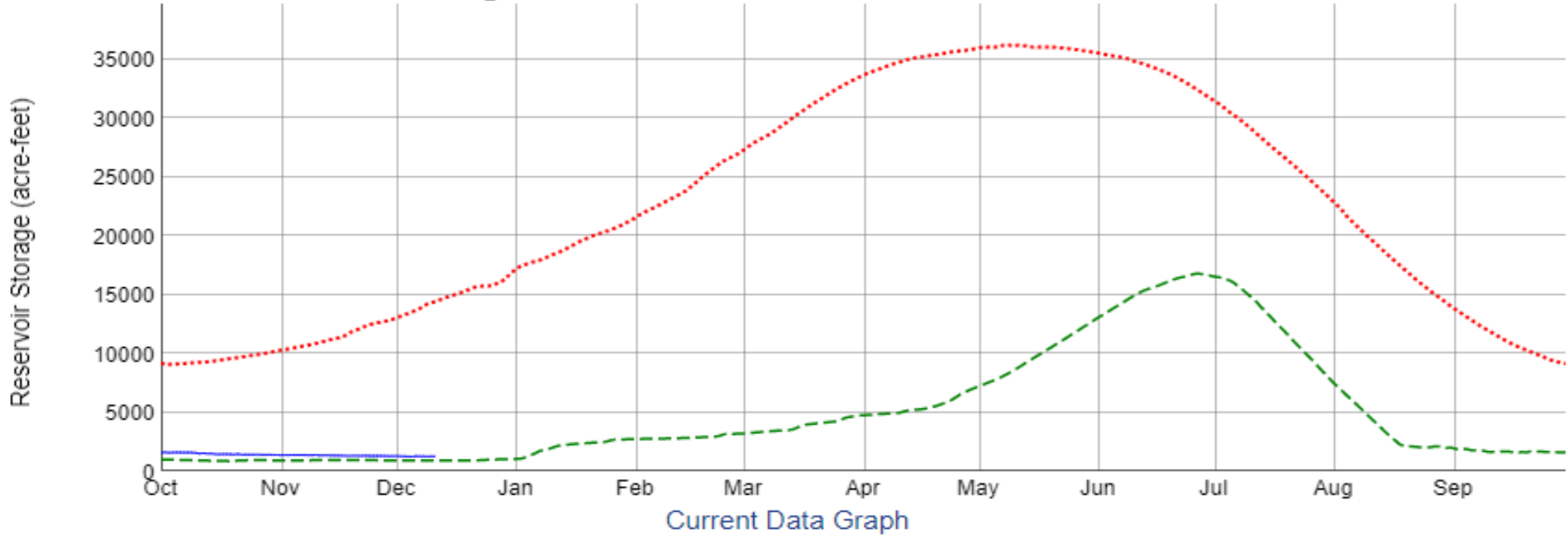


Water Year Graph

Jackson County

- Current Year
- - Previous Year
- ... Average

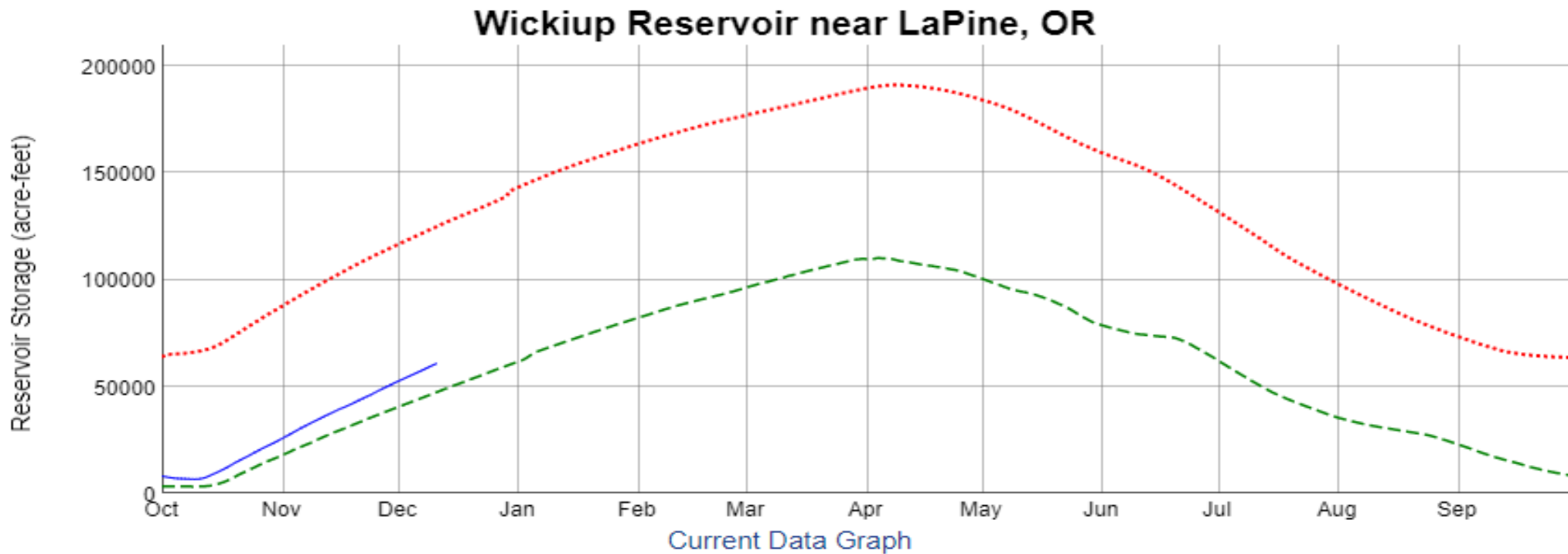
Emigrant Dam and Lake near Ashland, OR



PROVISIONAL DATA - Subject to change

Water Year Graph

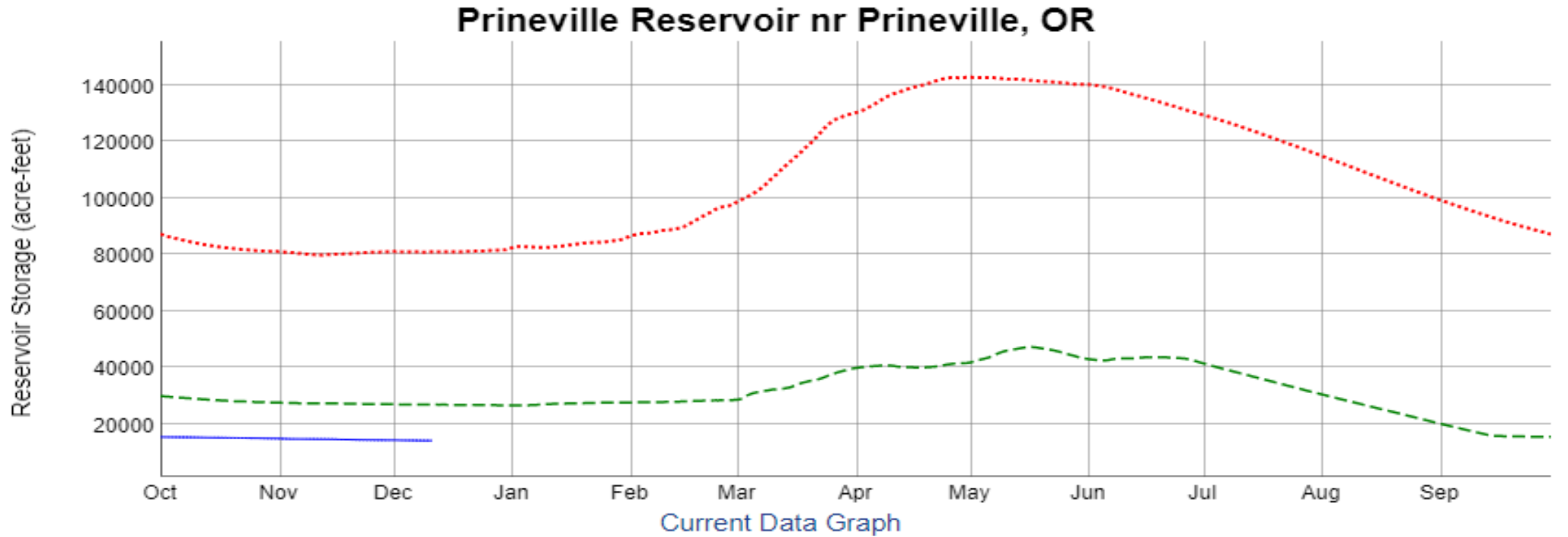
- Current Year
- Previous Year
- ... Average



PROVISIONAL DATA - Subject to change

Water Year Graph

- Current Year
- - Previous Year
- ... Average

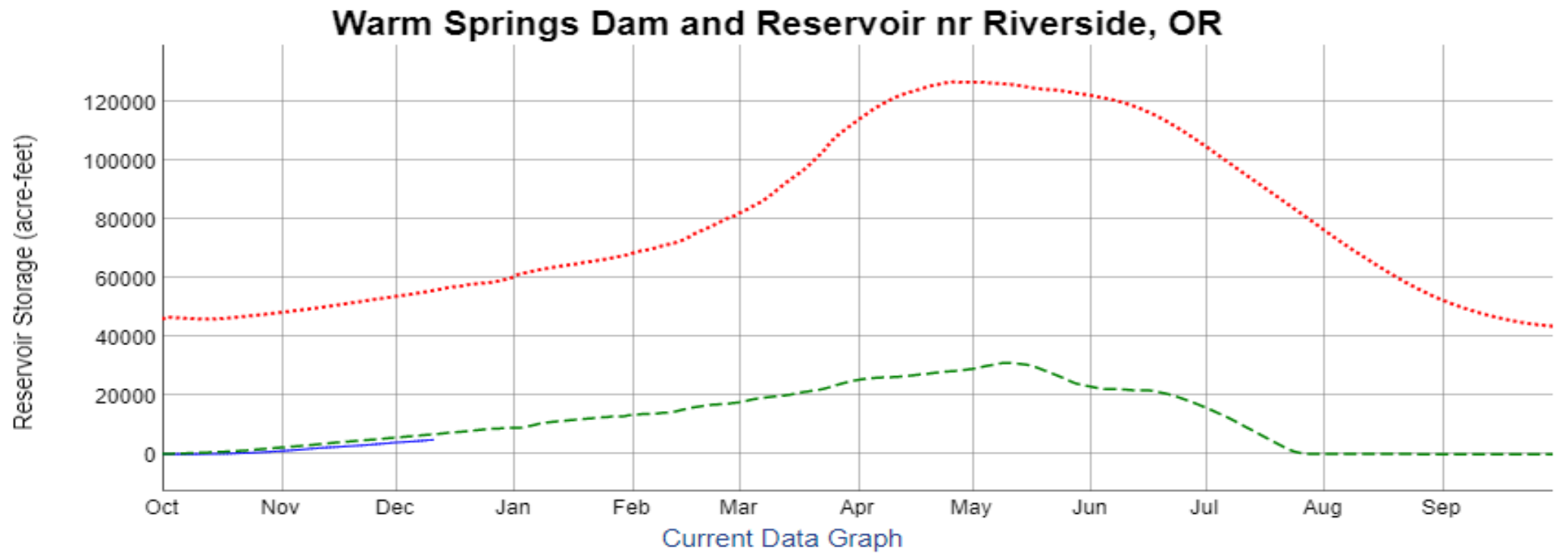


PROVISIONAL DATA - Subject to change

Water Year Graph

Harney/Malheur County

- Current Year
- - Previous Year
- ... Average

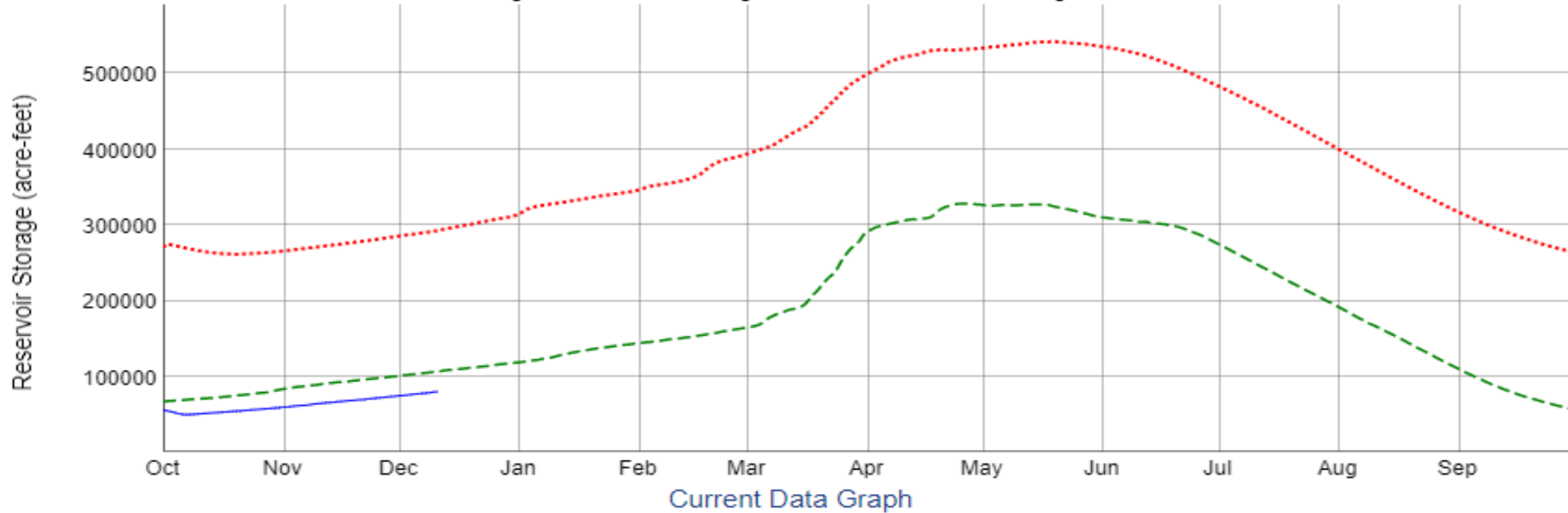


PROVISIONAL DATA - Subject to change

Water Year Graph

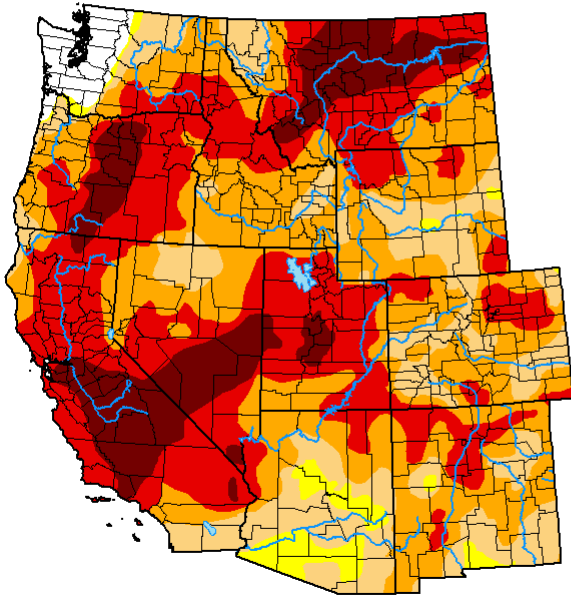
- Current Year
- - Previous Year
- ... Average

Lake Owyhee and Owyhee River near Nyssa, OR



PROVISIONAL DATA - Subject to change

U.S. Drought Monitor West



December 7, 2021
(Released Thursday, Dec. 9, 2021)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2.32	97.68	94.64	77.13	44.08	12.60
Last Week 11-30-2021	2.11	97.89	93.99	75.92	44.07	13.50
3 Months Ago 09-07-2021	5.57	94.43	89.02	74.48	53.18	18.66
Start of Calendar Year 12-29-2020	11.57	88.43	78.63	65.18	46.49	22.16
Start of Water Year 09-28-2021	2.21	97.79	89.60	75.38	52.46	18.40
One Year Ago 12-08-2020	11.35	88.65	78.52	64.32	44.77	22.18

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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>

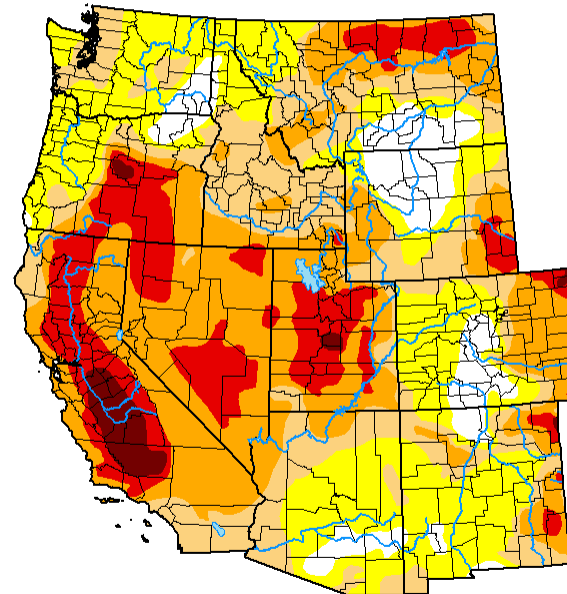
Author:

David Simal
Western Regional Climate Center



droughtmonitor.unl.edu

U.S. Drought Monitor West



December 6, 2022
(Released Thursday, Dec. 8, 2022)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	7.93	92.07	66.64	45.25	16.00	2.02
Last Week 11-29-2022	6.58	93.42	68.74	44.88	17.62	2.02
3 Months Ago 09-06-2022	11.81	88.19	68.39	49.06	18.91	2.63
Start of Calendar Year 01-04-2022	3.68	96.32	89.29	64.90	23.85	3.94
Start of Water Year 09-27-2022	3.89	96.11	73.90	47.71	19.37	2.63
One Year Ago 12-07-2021	2.32	97.68	94.64	77.13	44.08	12.60

Intensity:

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

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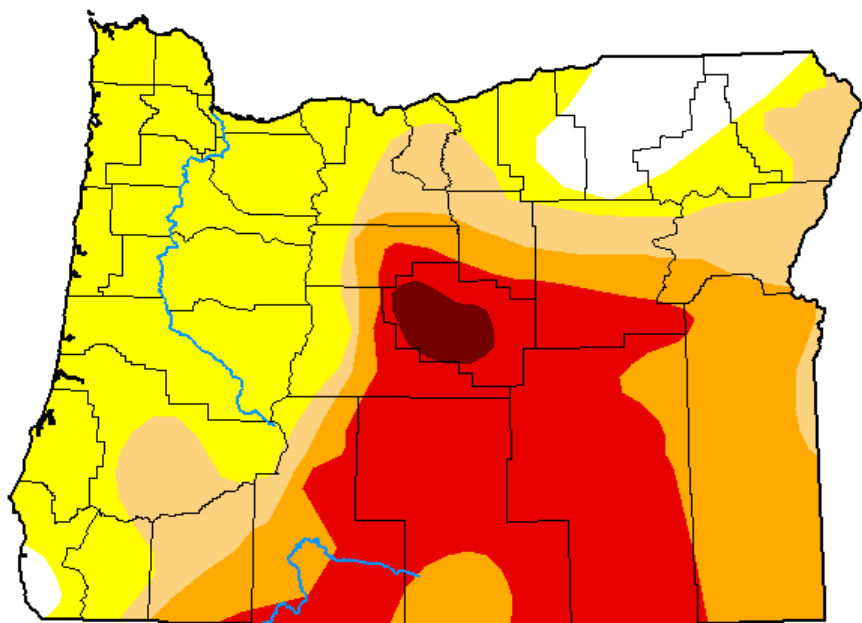
Author:

David Simal
Western Regional Climate Center



droughtmonitor.unl.edu

U.S. Drought Monitor Oregon



December 6, 2022

(Released Thursday, Dec. 8, 2022)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	5.88	94.12	59.76	46.04	26.18	1.40
Last Week 11-29-2022	5.38	94.62	59.76	46.04	26.18	1.40
3 Months Ago 09-06-2022	25.04	74.96	65.71	52.22	30.73	1.40
Start of Calendar Year 01-04-2022	4.16	95.84	89.75	75.37	50.84	17.27
Start of Water Year 09-27-2021	0.42	99.58	68.05	52.42	30.73	1.40
One Year Ago 12-07-2021	1.39	98.61	98.06	91.97	67.56	20.86

Intensity:

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

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David Simeral
Western Regional Climate Center



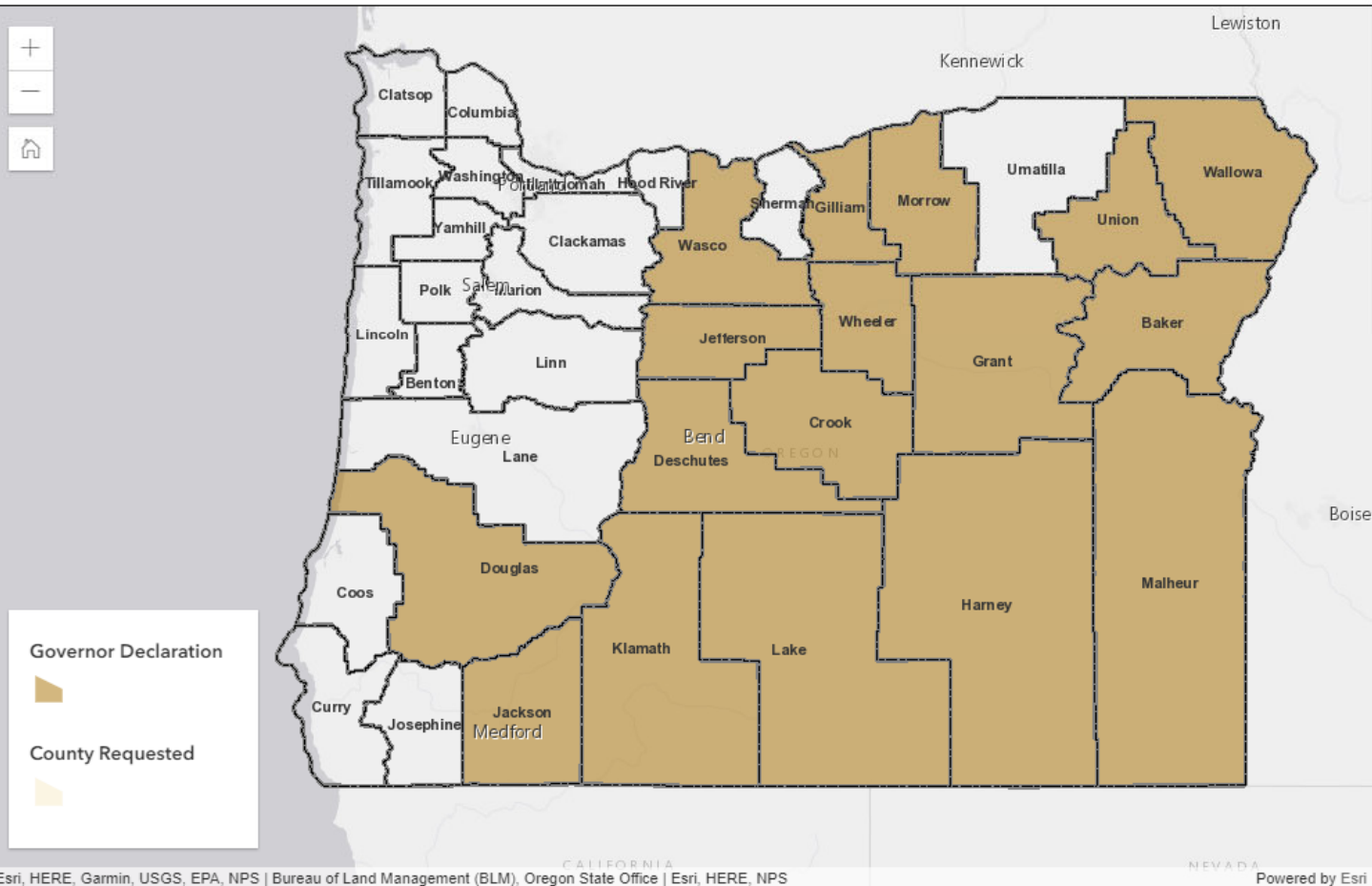
droughtmonitor.unl.edu

- 60% of Oregon in Drought
- 46% of Oregon in Severe (D2) to Exceptional Drought (D4)
- 26% of Oregon in Extreme (D3) or Exceptional Drought (D4)
- 1.4% of Oregon in Exceptional Drought (D4)
- **Crook County**



Drought Declaration Status Map

Select Year:



Governor Declaration



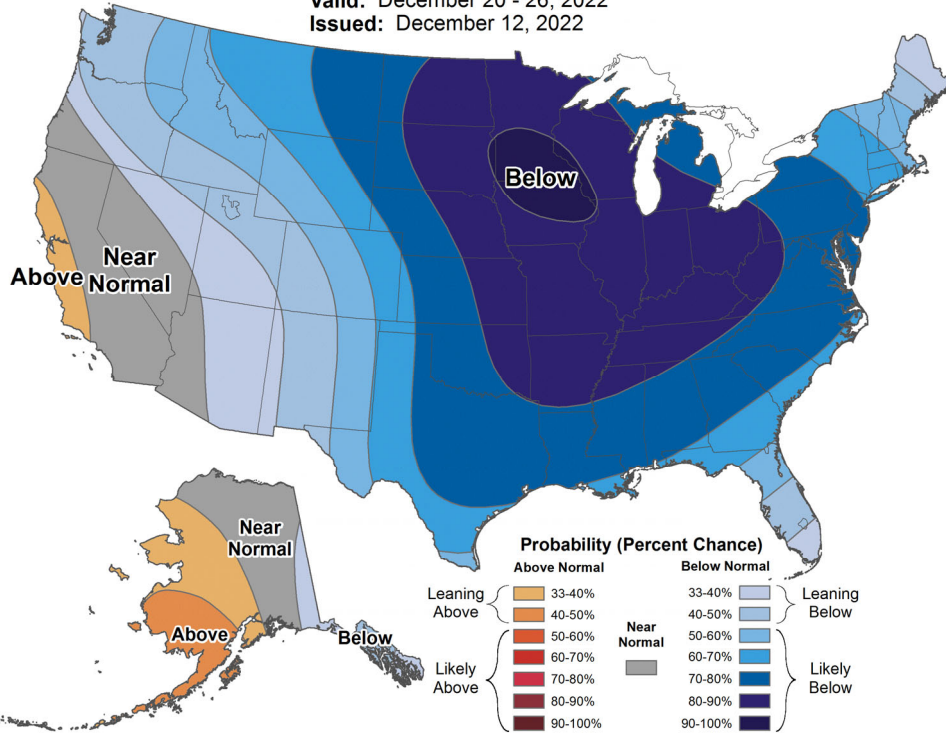
County Requested





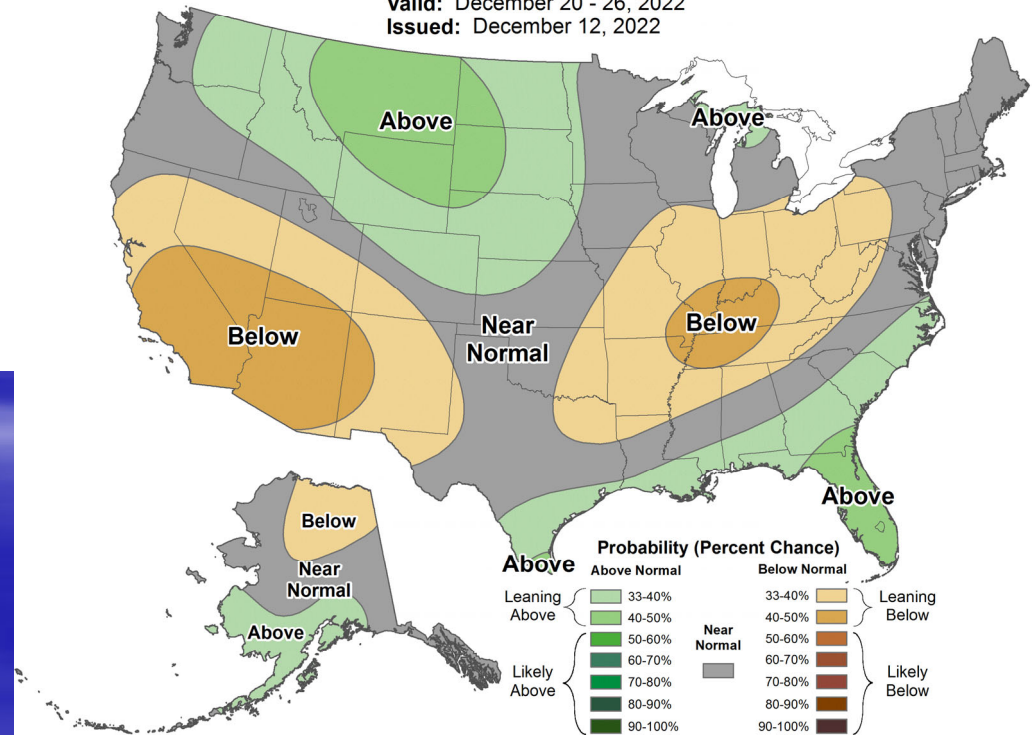
8-14 Day Temperature Outlook

Valid: December 20 - 26, 2022
Issued: December 12, 2022



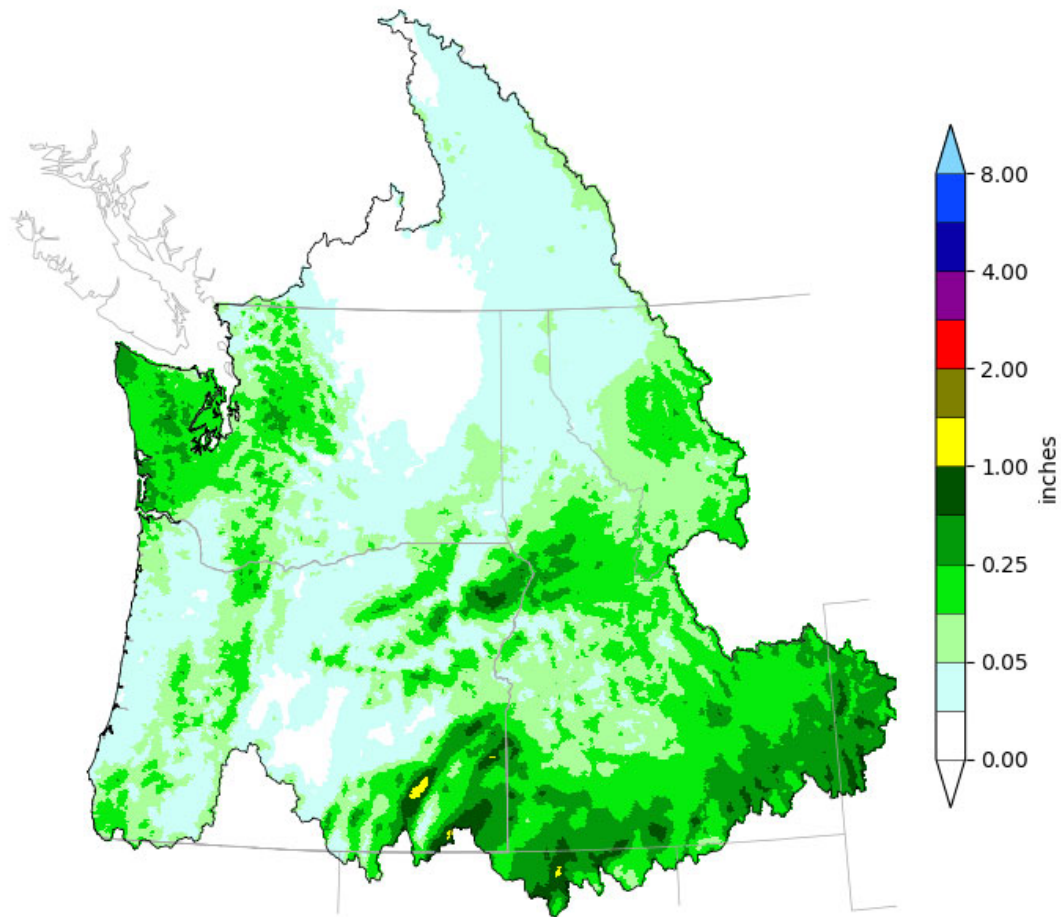
8-14 Day Precipitation Outlook

Valid: December 20 - 26, 2022
Issued: December 12, 2022





Northwest River Forecast Center
10 Day QPF, Ending 12Z, 12/22/22



Creation Time: Mon Dec 12 17:20:30 UTC 2022

Thank you!

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Oregon Technical Advisory Committee Meeting - December 13, 2022

**Irish Taylor SNOTEL
Post-Fire (Cedar Creek Fire) 11/09/2022
Elevation 5540'
Deschutes County
Upper Deschutes-Crooked Basin**

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Snow Survey Supervisory Hydrologist
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