United States Department of Agriculture

Natural Resources Conservation Service

Oregon Water Supply Outlook Report

June 1, 2024

Kayakers prepare to paddle the McKenzie River in the central Cascades. Nearby streamflow at McKenzie R bl Trail Bridge (USGS 14158850) is forecasted to be 100% of normal for the Jun-Sep period.

Photo taken by Meghan Ciupak, NRCS Hydrologist (May 26, 2024)

Contents

Contact for Report

Matt Warbritton
Supervisory Hydrologist
Portland Data Collection Office
USDA NRCS Oregon Snow Survey and Water Supply Forecasting Program
matt.warbritton@usda.gov

Conditions Overview

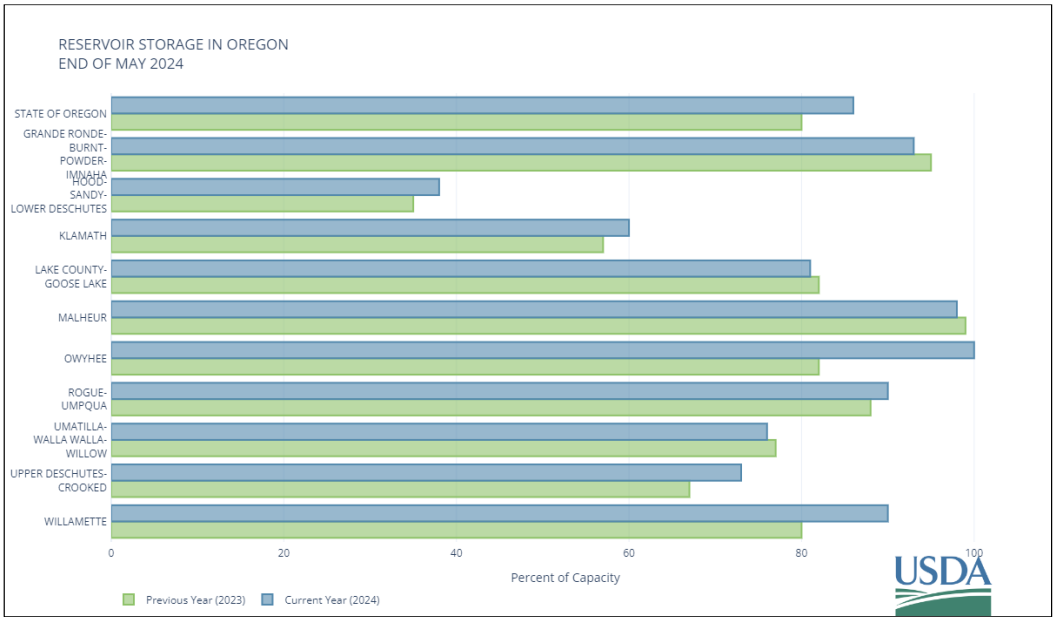
Summary

Snowpack at most SNOTEL stations across the state have melted out, with snow still remaining at higher elevation stations. Peak snowpack in many basins was near normal this year, despite 2 mid-winter heat waves that significantly impacted snow accumulation in some areas, notably at higher elevations on Mt. Hood, lower elevations in the central Cascades, and in portions of the northern Blue Mountains. Otherwise, fairly normal snowpack this winter combined with mostly near to above normal water year-to-date precipitation at most SNOTEL stations provides for a mostly positive water supply outlook in many basins.

In eastern and central Oregon, reservoir storage is mostly near to above normal, with forecasted flows (Jun -Sep) mostly near to slightly above normal. There are a few notable reservoirs experiencing storage deficits including Wickiup, Howard Prairie, Cold Springs, and Wallowa Lake. Some water supply shortages could be expected in the Wallowa and greater Grande Ronde basins due to a below-normal streamflow outlook through the summer.

There is currently no drought in Oregon. On May 14th, Oregon was drought free for the first time since December 2019. While the water supply outlook across many basins is positive, with some areas expected to experience some deficits, drought development may still occur throughout the summer and will be highly dependent on temperature. The Climate Prediction Center's summer outlook is calling for a higher probability of above-normal temperatures and below-normal precipitation across Oregon.

**Note that basin conditions outlined in this report include data from stations within the SNOTEL and SNOLITE network, and/or cooperator weather stations.*

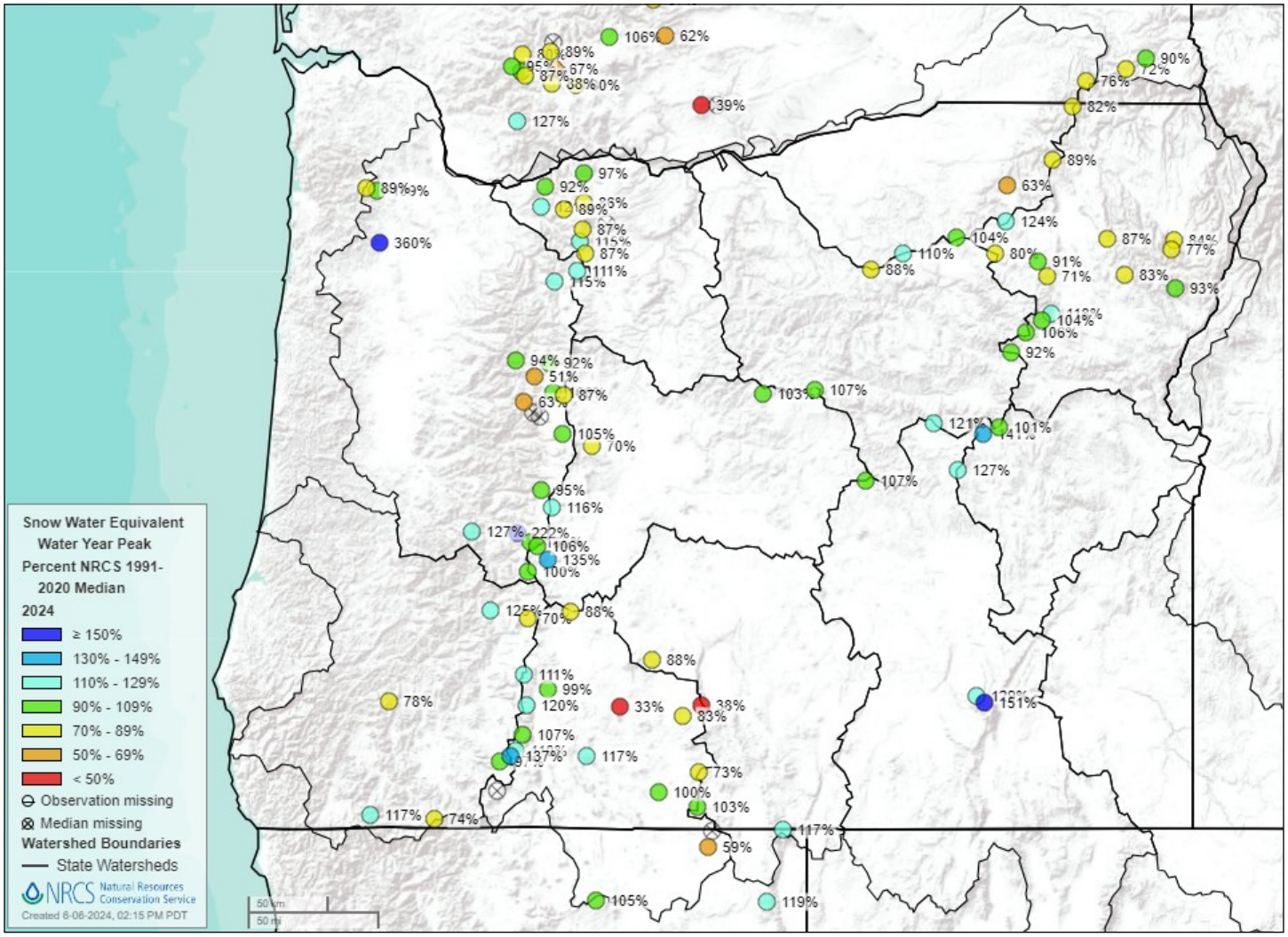


Reservoirs storage for all basins is near to above normal, while few individual reservoirs (not captured here) are some storage deficits.
Source: USDA-NRCS National Water and Climate Center

Snowpack

As of June 1, snowpack has melted out at most SNOTEL stations across Oregon except some higher elevation stations. Snowpack at Annie Springs SNOTEL station is projected to melt out a few days early, while near-normal melt-out is expected for the remaining stations in the Cascades and at Fish Creek SNOTEL on Steens Mountain. In the Wallowas at Aneroid Lake #2 and Mt. Howard SNOTEL stations, snowpack is expected to melt out slightly earlier than normal.

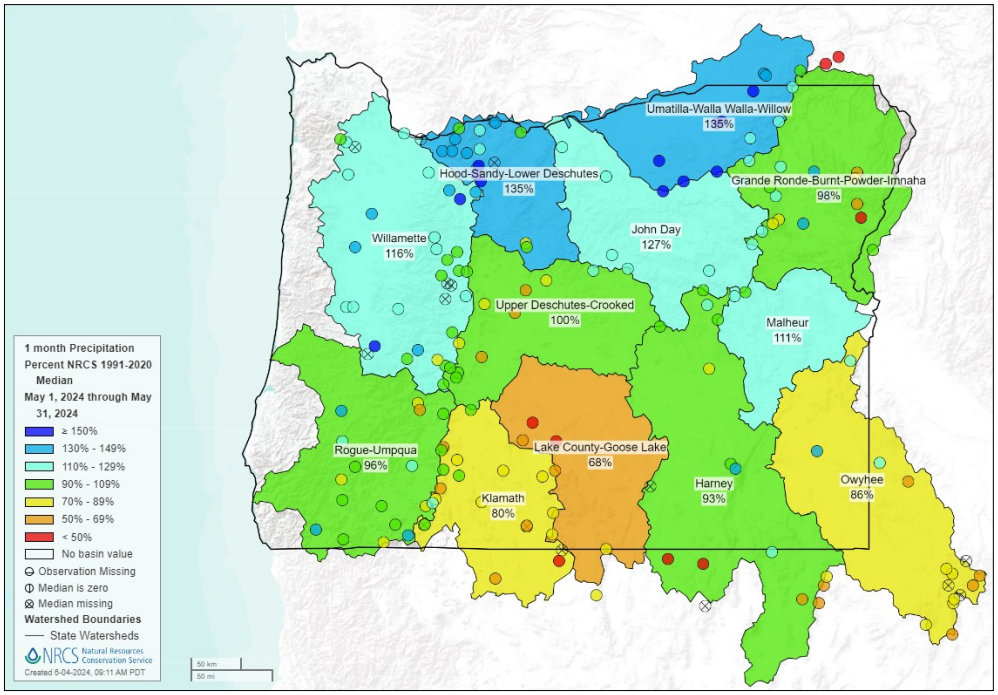
Overall, this winter, statewide peak snowpack was near normal. Some stations did experience deficits in snowpack, including SNOTEL stations in the northern Blue Mountains, including the Wallowas, and higher elevation stations near Mt. Hood.



Peak snow water equivalent (% of median) for water year 2024

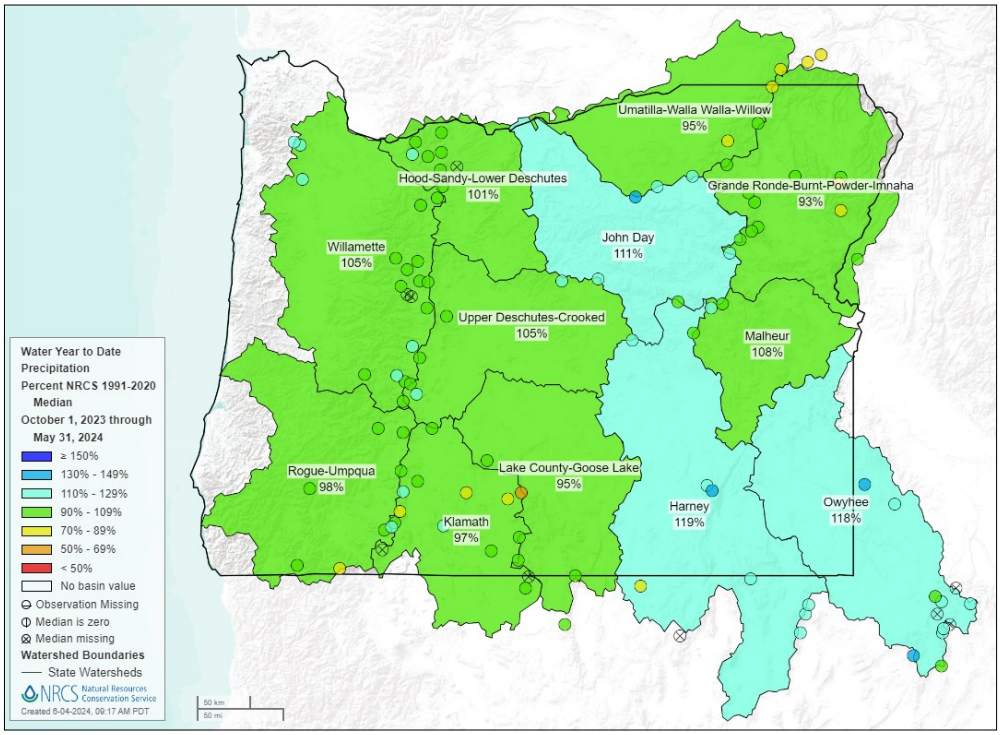
Precipitation

May was a fairly wet month compared to normal across much of western Oregon and most of the Blue Mountains and Steens Mountain. These regions benefited from a storm in the second half of May that provided more than 1 inch of rain, up to nearly 2.5 inches in some cases, in these regions. Most of the state benefited from an early May storm. Despite that more widespread event in early May, the rest of May was fairly dry for much of southern and central Oregon and parts of eastern Oregon. Water year-to-date precipitation is near normal statewide, with most SNOTEL stations near or slightly above normal.



Monthly

Basin monthly precipitation (% of median) as of June 1



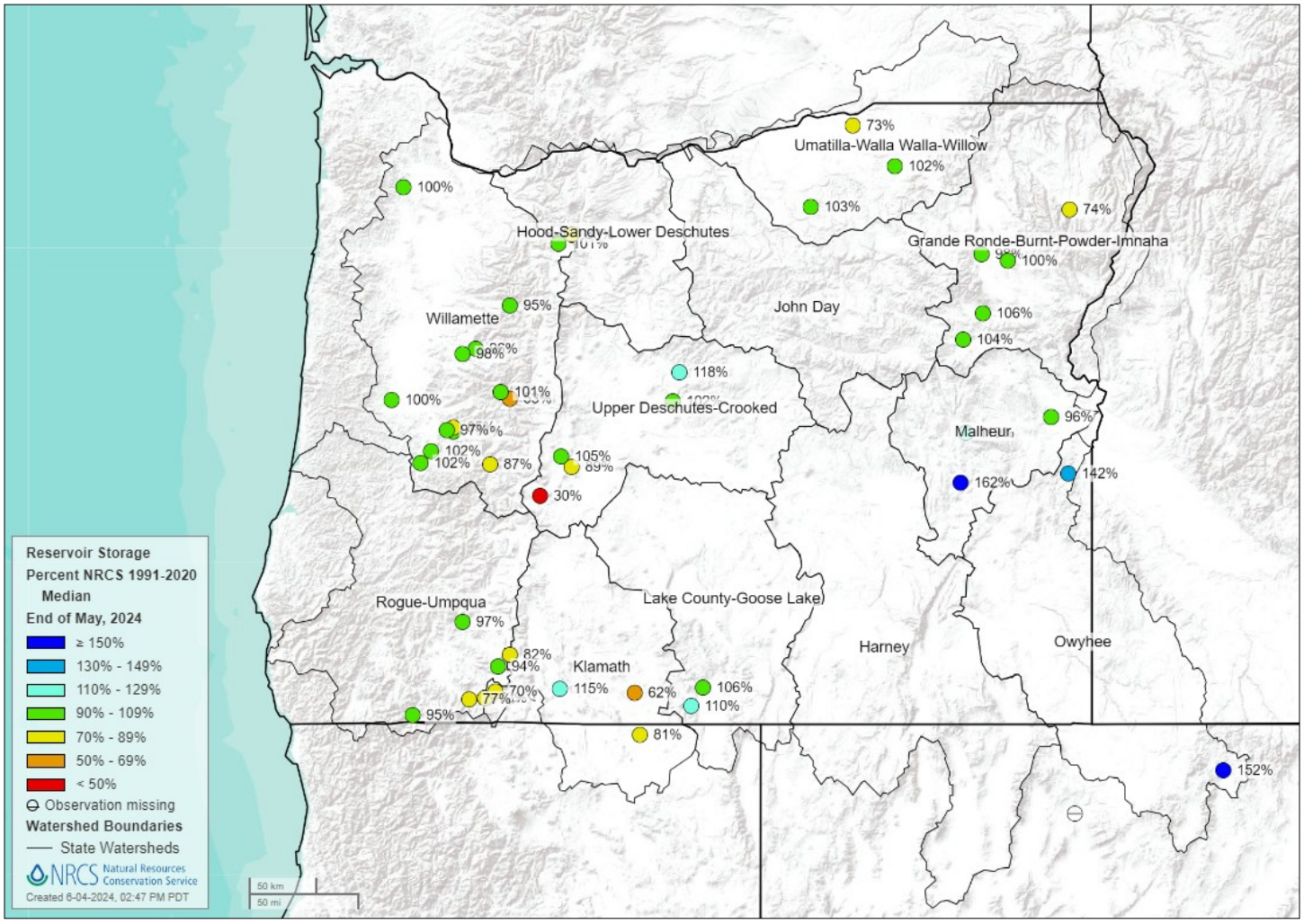
Water Year

Basin water-year precipitation (% of median) as of June 1

Reservoirs

Volumetric storage for reservoirs across the state varies but is mostly near normal. Reservoir storage in the Crooked, Powder, and Burnt basins are near normal. In the Malheur and Owyhee basins, reservoir storage ranges from near to above normal. Reservoirs experiencing more significant deficits include Howard Prairie, Wallowa Lake, Wickiup, and Cold Springs.

Reservoir storage values aren't necessarily reflective of water supply conditions. Reservoir operators control for a variety of factors when choosing to store or release water, including flooding, irrigation, fisheries, and other water needs. These management needs may impact storage values for a reservoir.



Reservoir storage (% of storage capacity) as of June 1

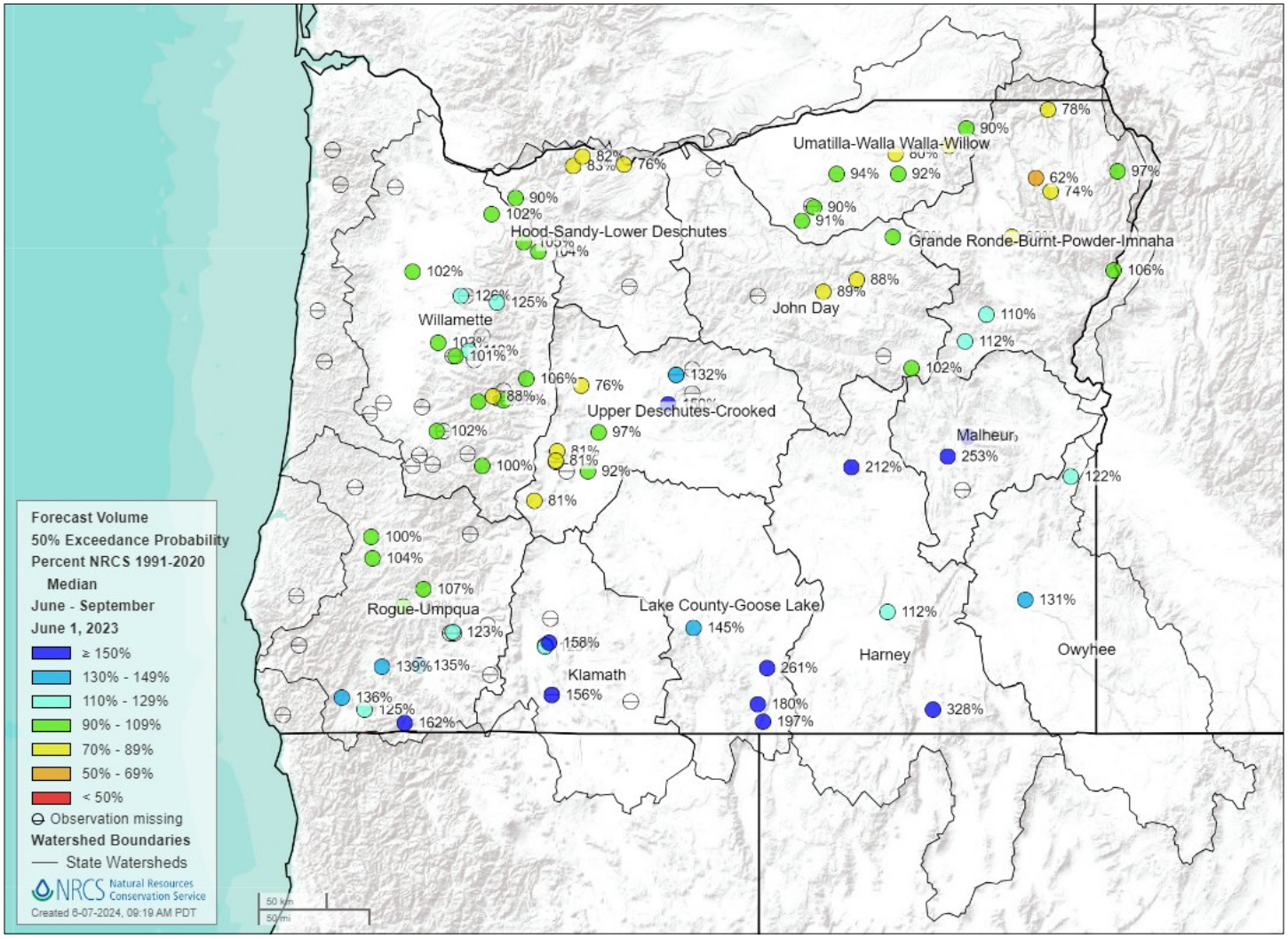
Observed and Forecasted Streamflow

As of June 1, streamflow across much of Oregon is near to above normal, with some exceptions. In the Grande Ronde and Imnaha basins, streamflow ranges from 63-68% of normal. Streamflows in the Walla Walla and John Day basins are also mostly below normal.

Water supply forecasts (WSF) for June 1 have remained fairly steady with some slight improvements in the Willamette and Sprague basins. Improvements in the Willamette are attributed to the wetter-than-normal May, which has elevated streamflows and prolonged flow recession later into summer. Forecasts in much of northeastern Oregon and in the John Day are still predicting mostly below-normal streamflows for Jun-Sep. The summer outlook for southeastern Oregon remains positive, with mostly above-normal flows for forecast points in the Malheur, Owyhee, and Lake County and Goose Lake basins.

Forecast product-users should bear any model uncertainty, quantitatively captured by exceedance intervals, in mind when interpreting WSFs for decision making.

View the map for May observed streamflow here.

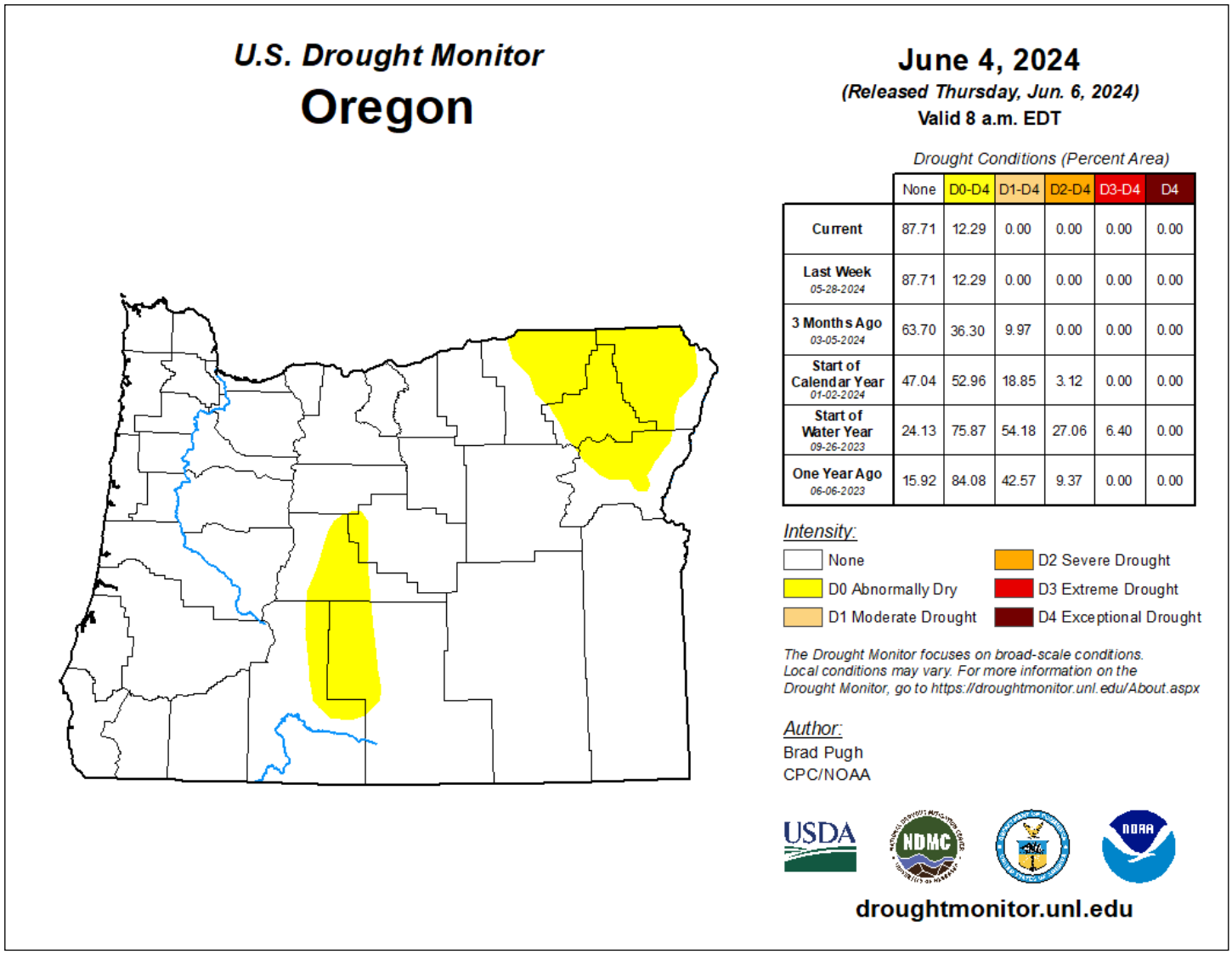


Streamflow forecasts (% of normal) for the primary period as of June 1

Drought

As of June 4, there is no drought in Oregon. Abnormally dry (D0) conditions are distributed in portions of northeastern Oregon and portions of Upper Deschutes and Crook counties extending down into parts of western Klamath and eastern Lake counties.

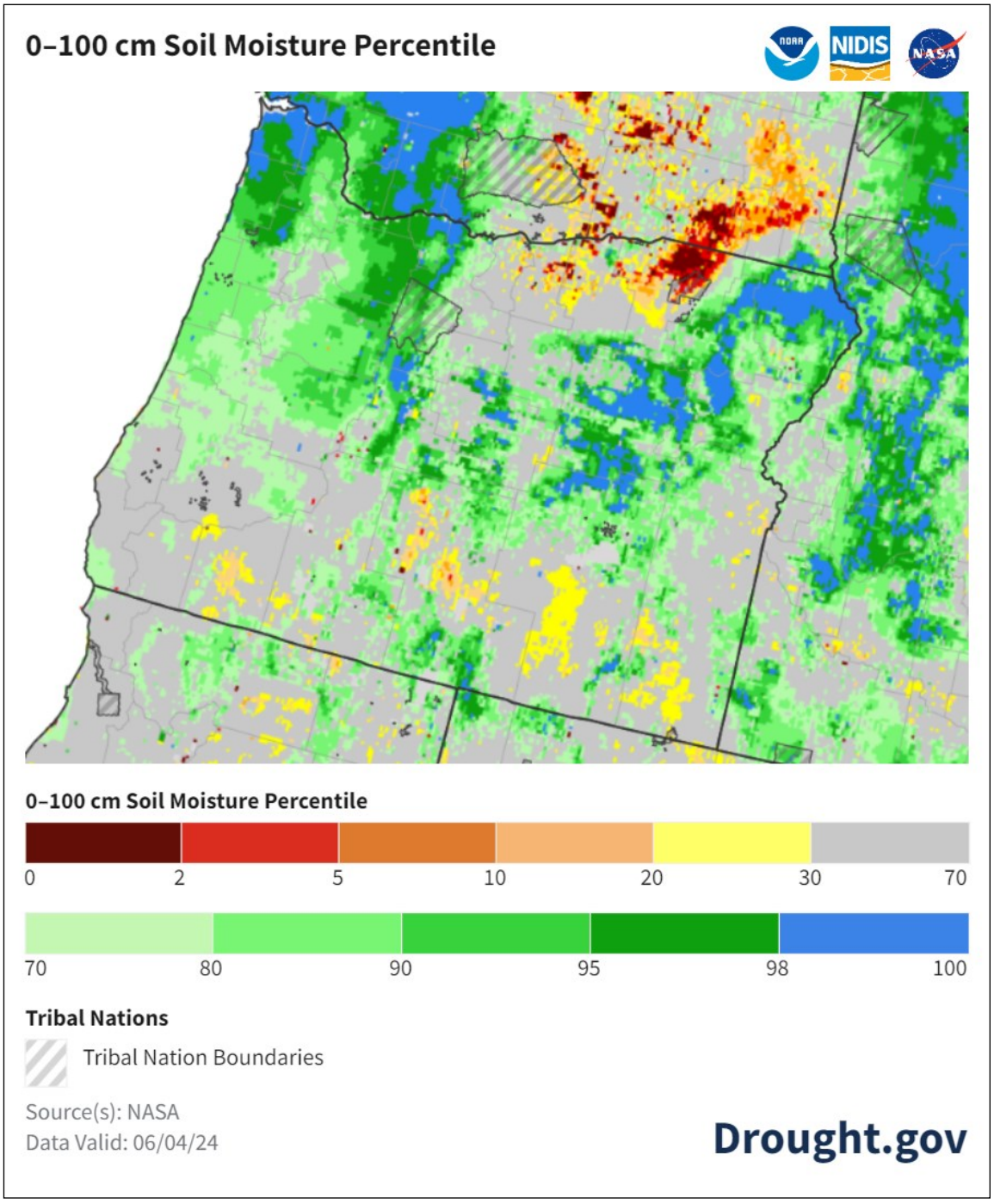
At the beginning of the water year, 54% of the state was in some drought category (D1-D3), and 27% of the state in severe to extreme drought.



Soils

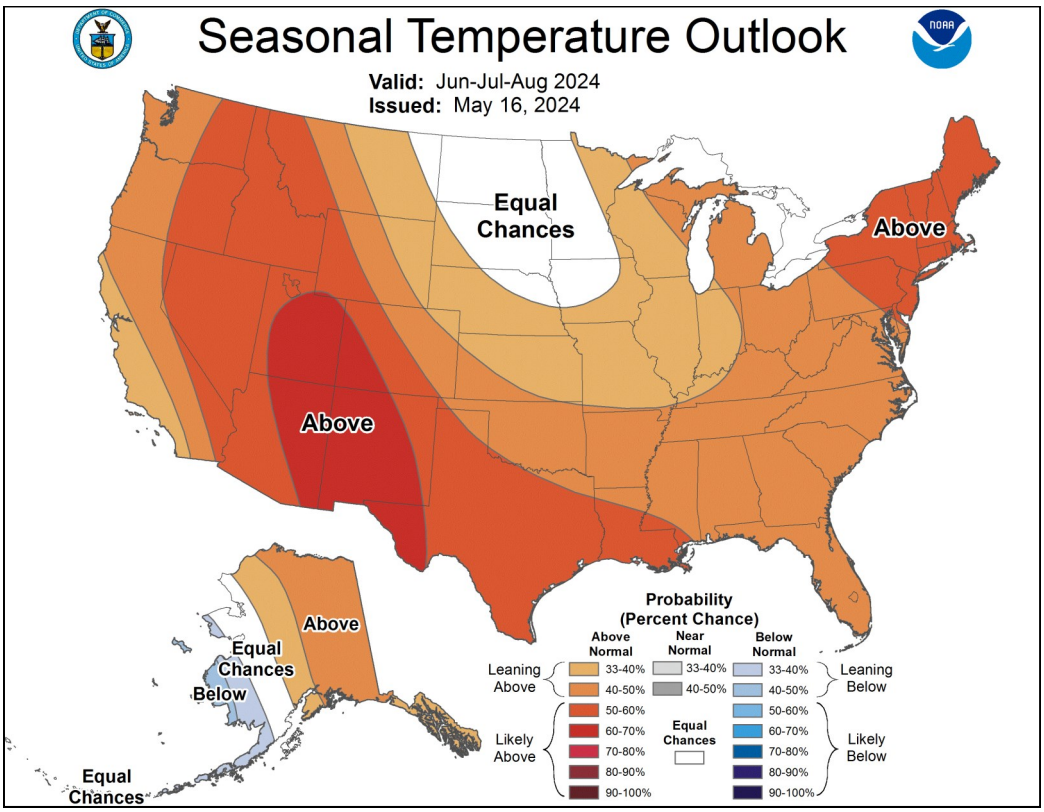
The NASA SPoRT-LiS product for soil moisture (0-100 cm depth) indicates drier soil moisture profiles in parts of the Umatilla and Walla Walla basins. There are also indications of emerging drier soil conditions in parts of southern Oregon.

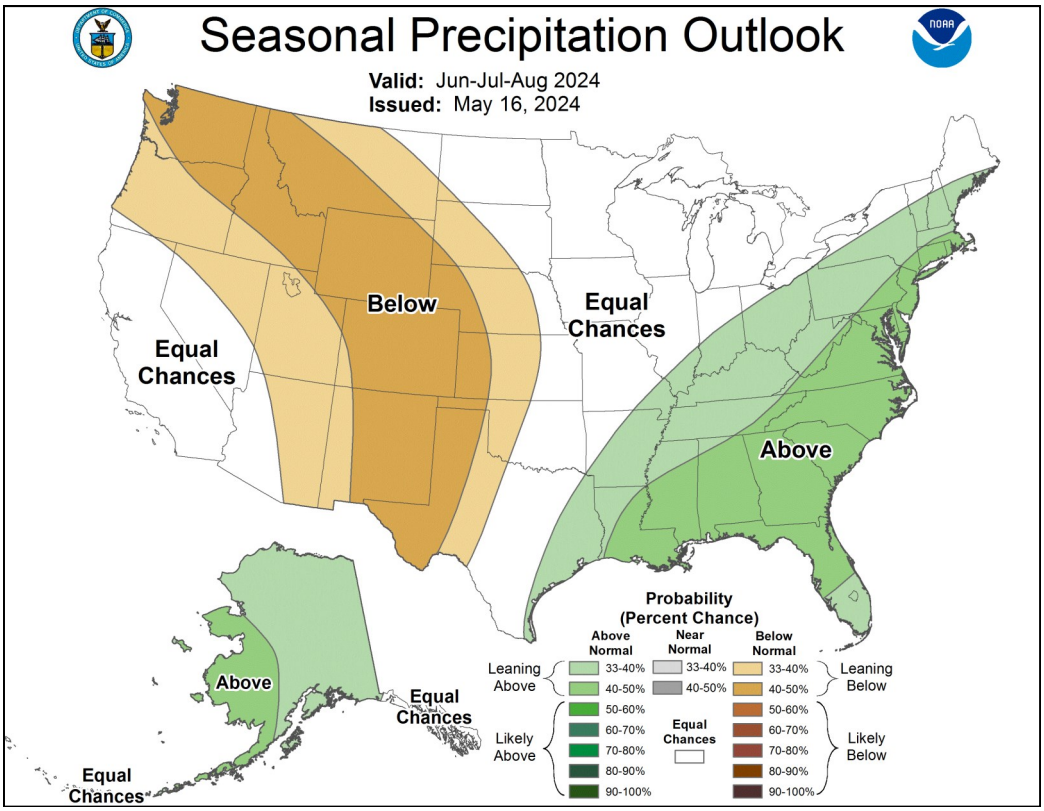
Soil moisture conditions are useful in assessing current drought and future drought potential. In addition, soil moisture is generally a good indicator in some regions of the potential efficiency of snowmelt runoff into streamflow in the spring. Drier soils tend to absorb more water from snowmelt than wetter soils, thus less melt is translated into streamflow (i.e. low efficiency).



3-Month Outlook

The Climate Prediction Center 3-month climatic outlook calls for a higher probability of above-normal temperatures and mostly below-normal precipitation across Oregon.

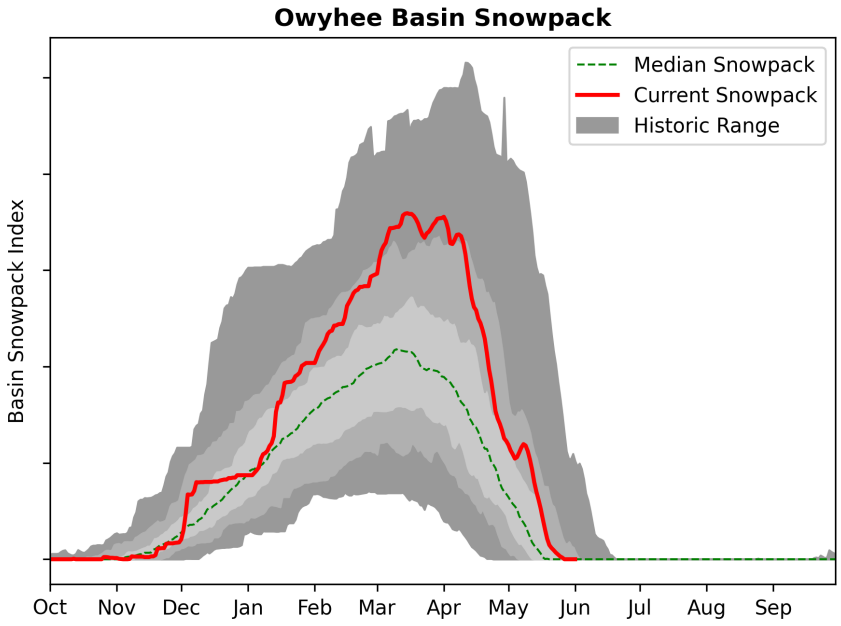




https://www.cpc.ncep.noaa.gov/

Owyhee Basin Summary

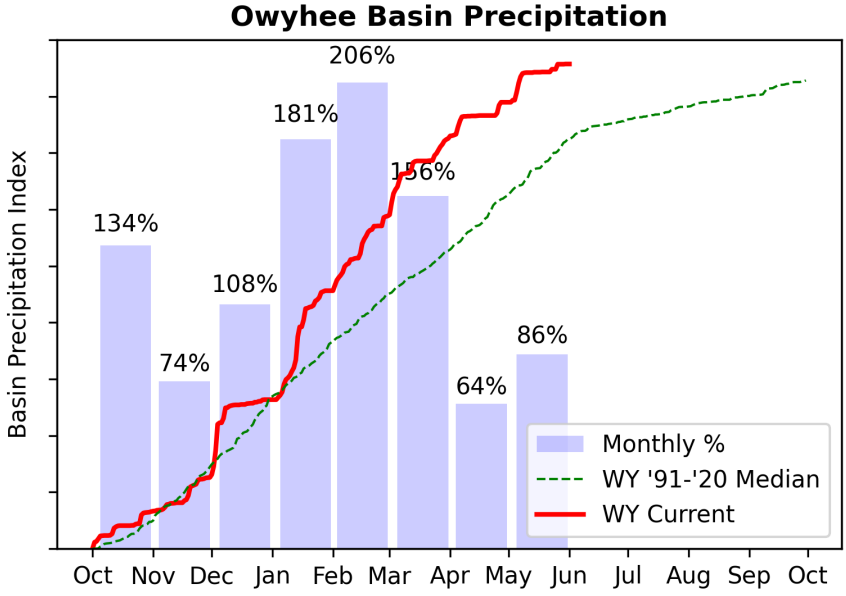
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack has melted out. May 1st basin snowpack was 154% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is below normal at 86% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 118% of median.

RESERVOIR STORAGE

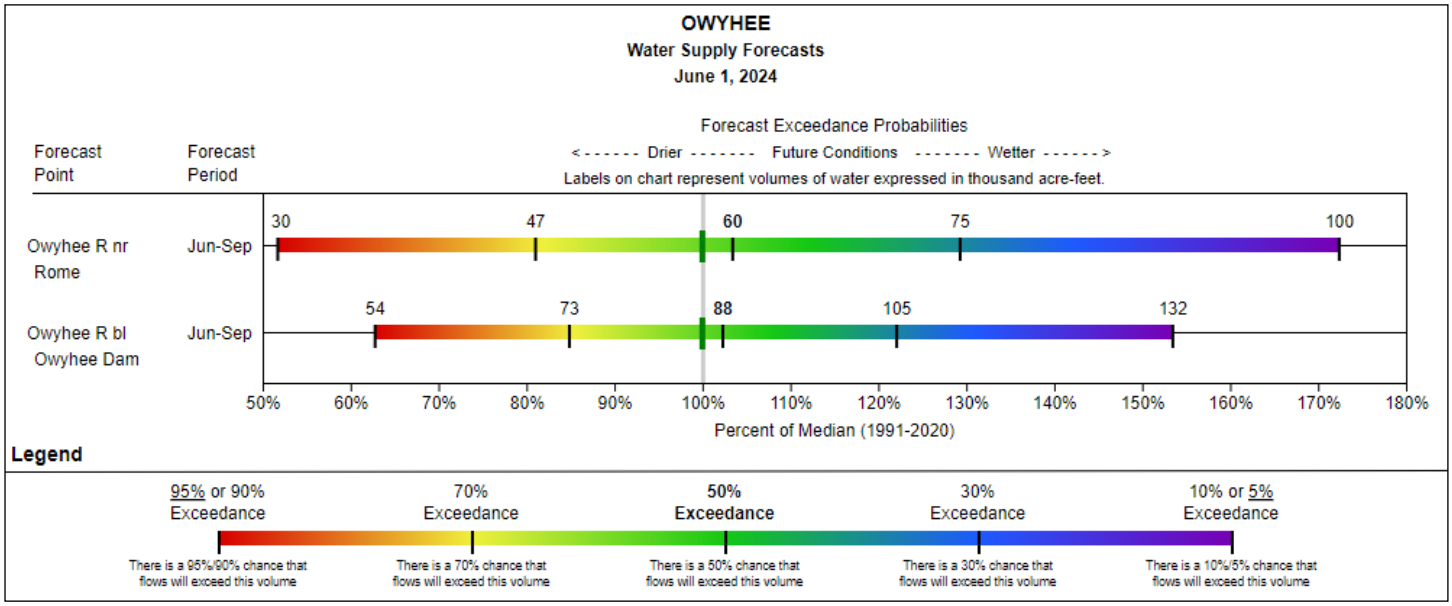
Reservoir storage across the basin is above normal. As of June 1, storage at Lake Owyhee Reservoir is 142% of median and Wild Horse Reservoir is 152% of median.

Owyhee	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Wild Horse Reservoir	73.4	71.5	48.3	71.5	103%	100%	68%	152%	148%
Lake Owyhee	715.1	570.1	502.8	715.0	100%	80%	70%	142%	113%
Basin Index					**100%**	**82%**	**70%**	**143%**	**116%**
# of reservoirs					2	2	2	2	2

STREAMFLOW FORECAST

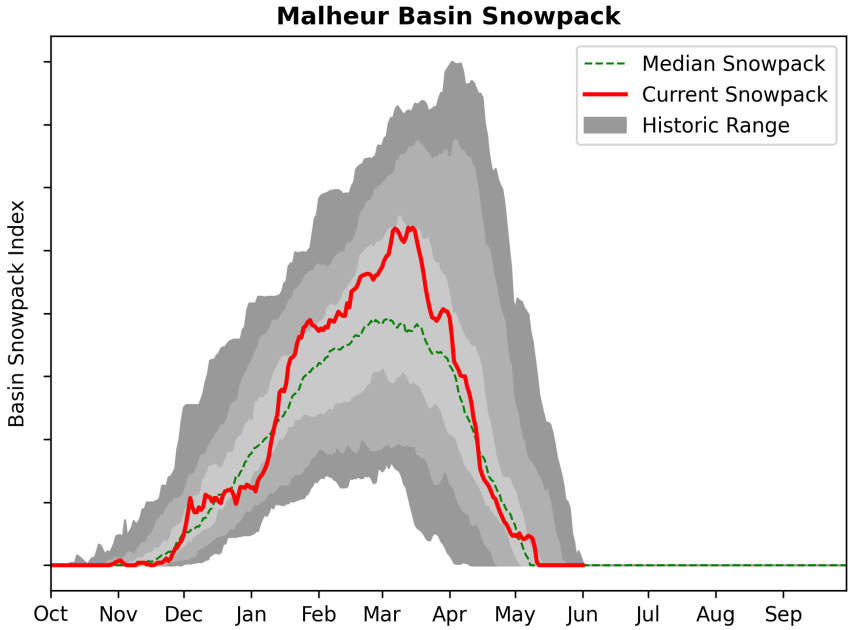
The June through September streamflow forecasts in the basin are slightly above normal and range from 102% to 103% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Malheur Basin Summary

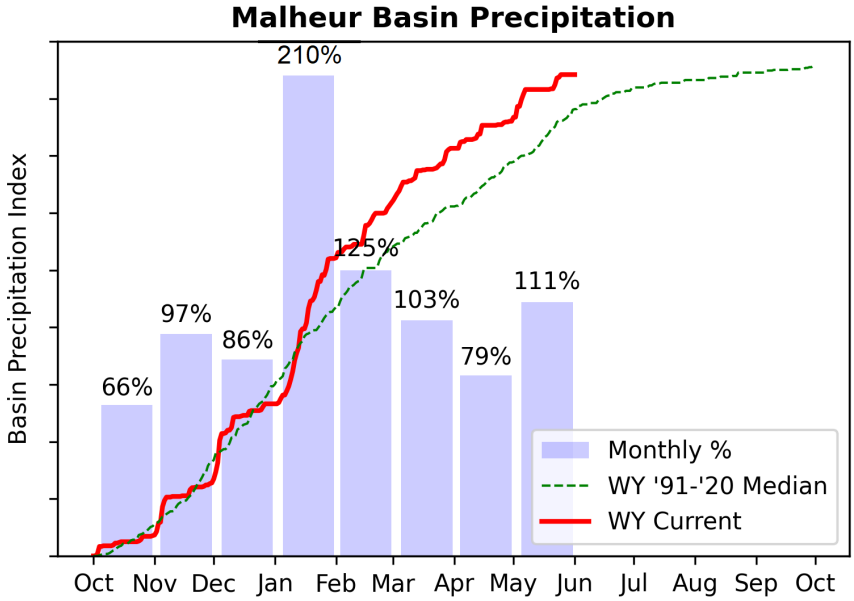
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack has melted out. On May 1st, basin snowpack was 75% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is above normal at 111% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 108% of median.

RESERVOIR STORAGE

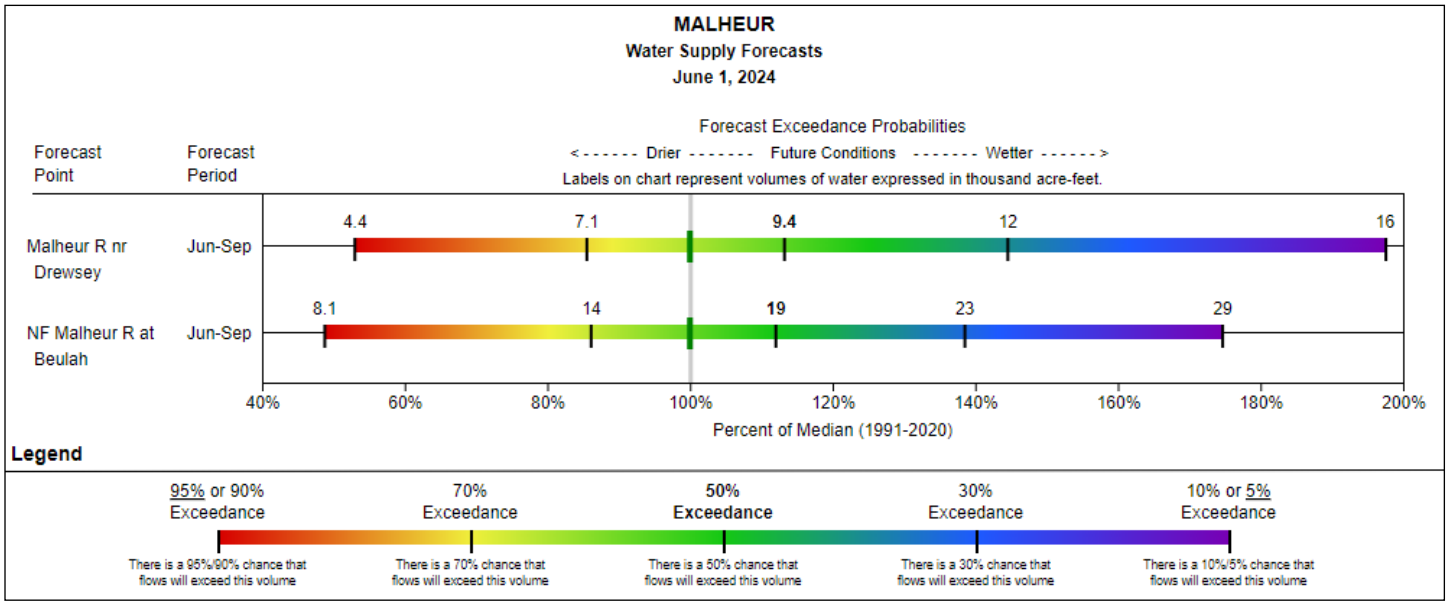
As of June 1, storage ranges from 96% at Bully Creek Reservoir to 162% of median at Warm Springs Reservoir.

Malheur	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Bully Creek	21.5	23.1	22.5	23.7	91%	97%	95%	96%	102%
Beulah	57.3	57.7	48.2	59.2	97%	97%	81%	119%	120%
Warm Springs	168.4	169.3	104.1	169.6	99%	100%	61%	162%	163%
Basin Index					**98%**	**99%**	**69%**	**141%**	**143%**
# of reservoirs					3	3	3	3	3

STREAMFLOW FORECAST

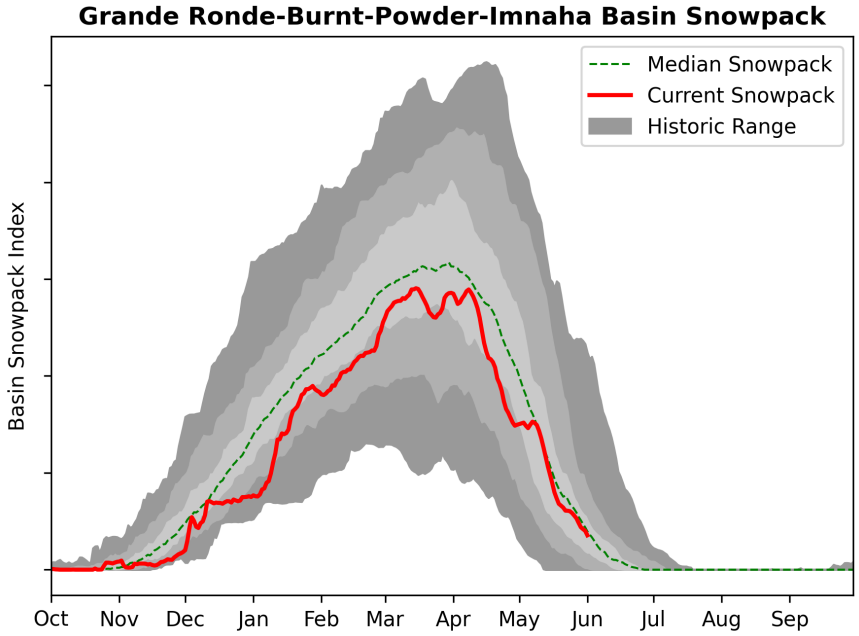
The June through September streamflow forecasts in the basin are above normal with forecasts ranging from 112% to 113% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Grande Ronde, Burnt, Powder, Imnaha Basin Summary

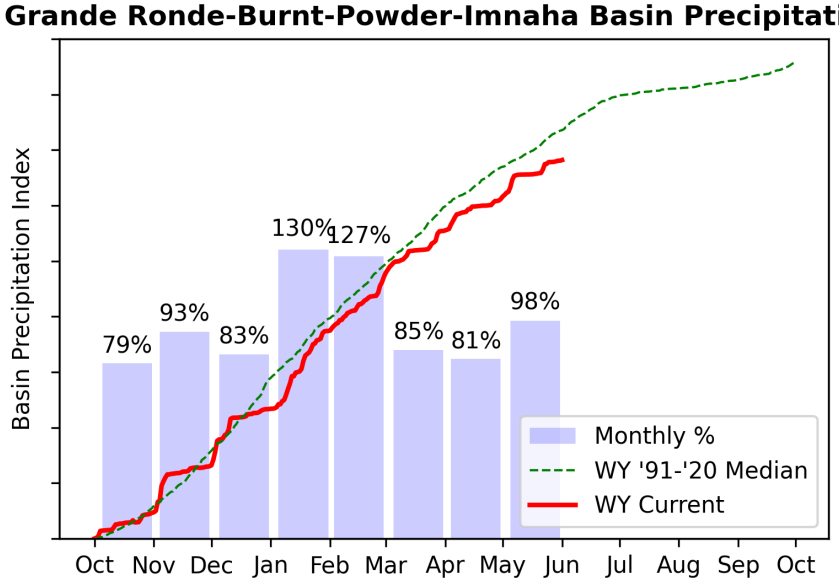
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 90% of median. Last month on May 1 the basin snowpack was at 77% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is near normal at 98% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 93% of median.

RESERVOIR STORAGE

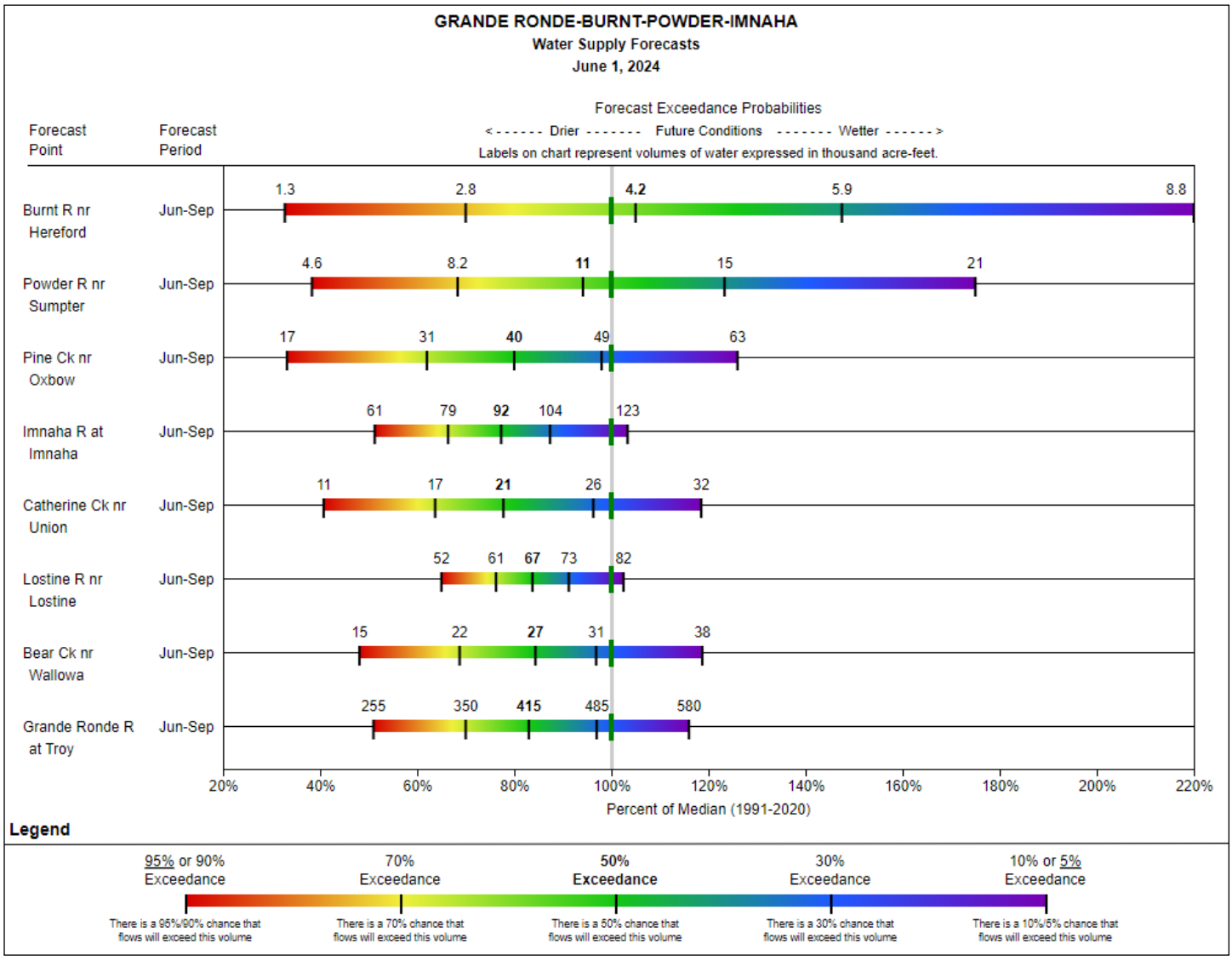
As of June 1, storage at major reservoirs in the basin ranges from 74% of median at Wallowa Lake to 106% of median at Phillips Lake.

Grande Ronde-Burnt-Powder-Imnaha	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Thief Valley	13.7	13.7	13.8	13.3	103%	103%	104%	100%	100%
Wallowa Lake	20.2	21.3	27.4	37.5	54%	57%	73%	74%	78%
Unity	24.4	24.6	23.5	25.5	96%	97%	92%	104%	105%
Phillips Lake	52.8	49.8	49.7	73.5	72%	68%	68%	106%	100%
Brownlee Reservoir	1356.0	1380.3	1386.0	1420.0	95%	97%	98%	98%	100%
Wolf Creek	10.9	11.1	11.1	11.1	98%	100%	100%	98%	100%
Basin Index					**93%**	**95%**	**96%**	**98%**	**99%**
# of reservoirs					6	6	6	6	6

STREAMFLOW FORECAST

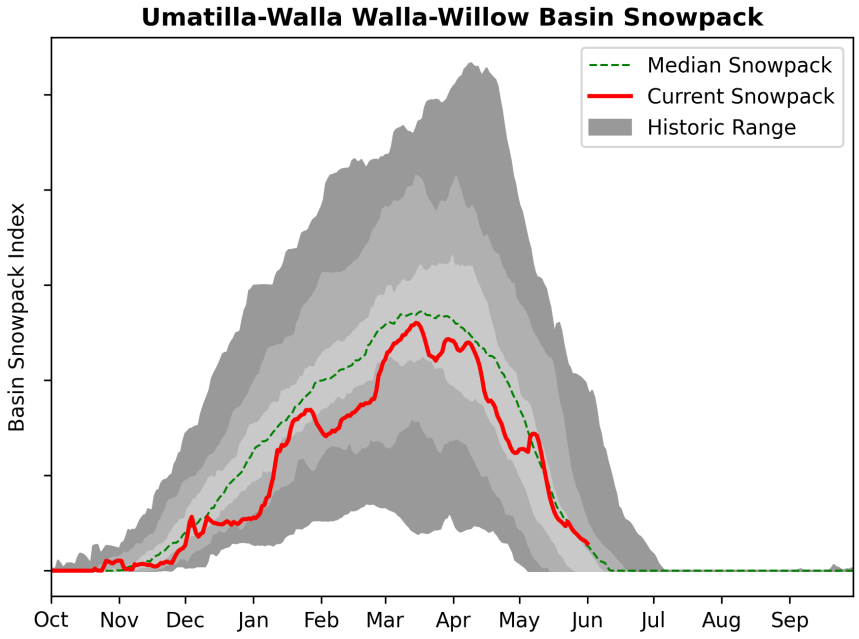
The June through September streamflow forecasts in the basin range from 77% to 105% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Umatilla, Walla Walla, Willow Basin Summary

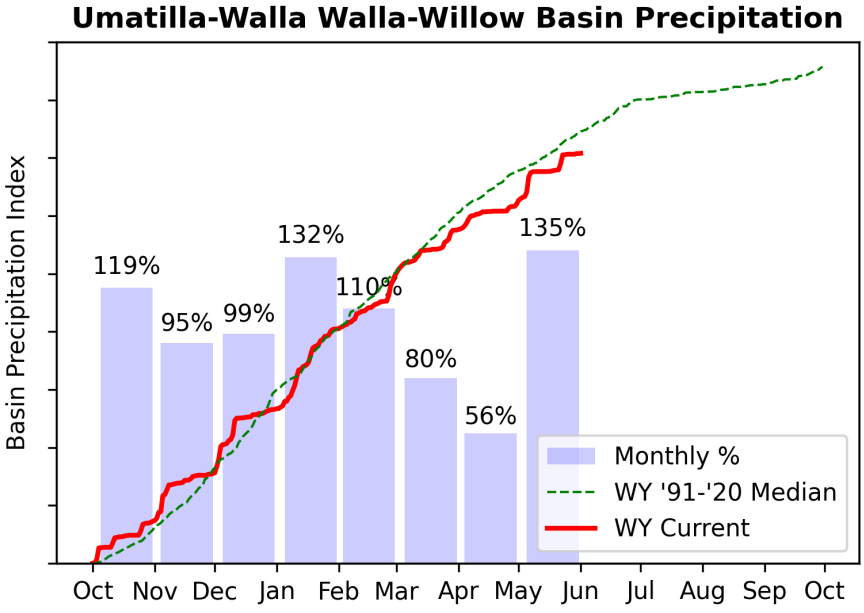
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 110% of median. Last month on May 1 the basin snowpack was 75% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is above normal at 135% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 95% of median.

RESERVOIR STORAGE

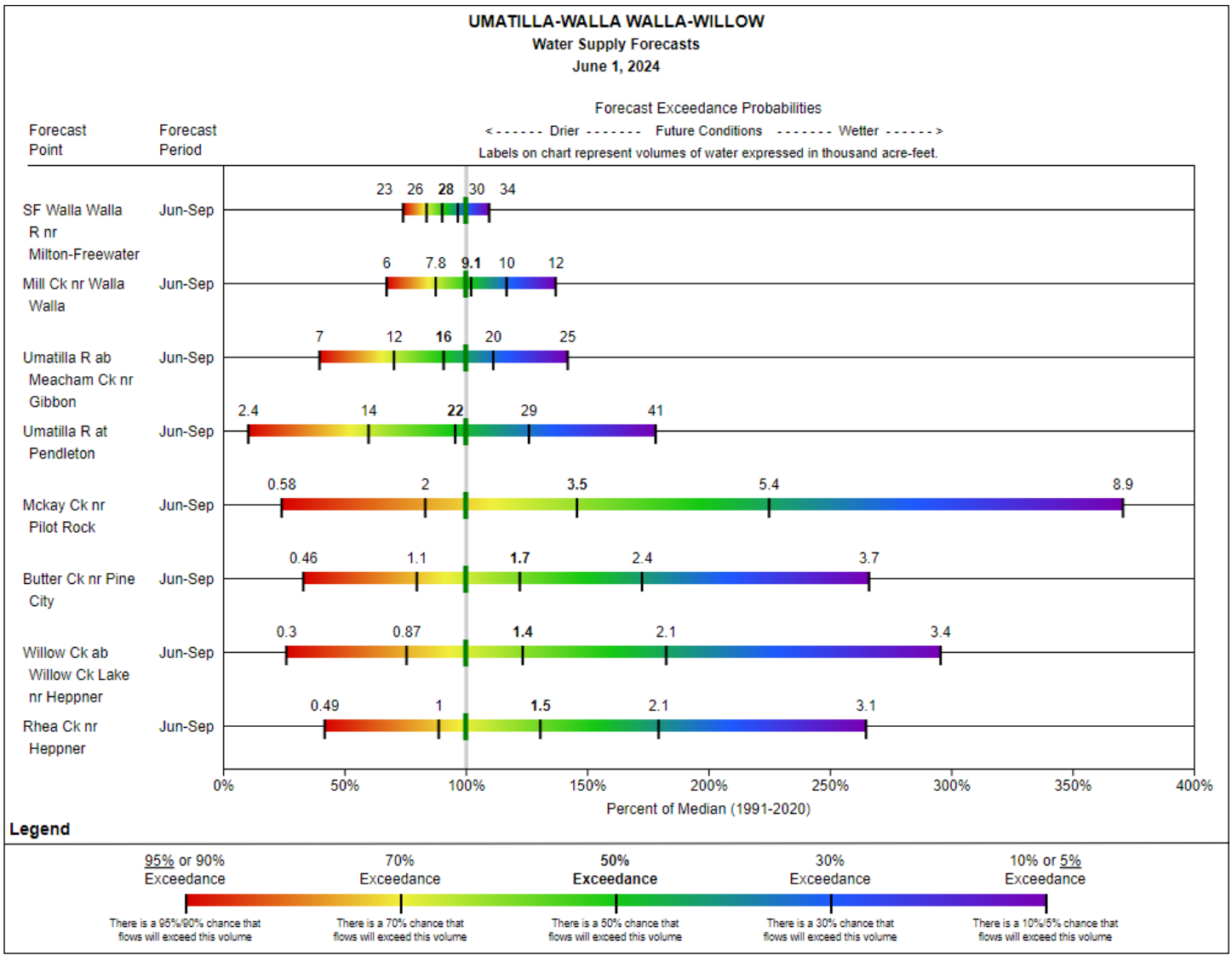
As of June 1, storage at major reservoirs in the basin ranges from 73% of median at Cold Springs Reservoir to 103% at Willow Creek Reservoir.

Umatilla-Walla Walla-Willow	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Willow Creek	6.3	6.0	6.1	9.8	64%	61%	62%	103%	98%
Mckay	65.5	65.1	64.3	71.5	92%	91%	90%	102%	101%
Cold Springs	19.3	21.7	26.3	38.6	50%	56%	68%	73%	82%
Basin Index					**76%**	**77%**	**81%**	**94%**	**96%**
# of reservoirs					3	3	3	3	3

STREAMFLOW FORECAST

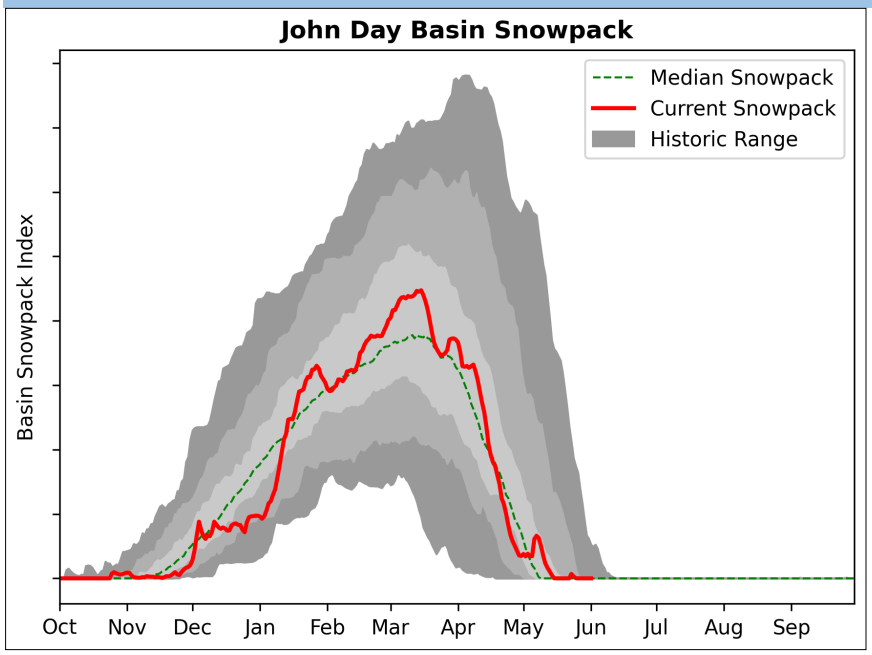
The June through September streamflow forecasts in the basin range from 90% to 146% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



John Day Basin Summary

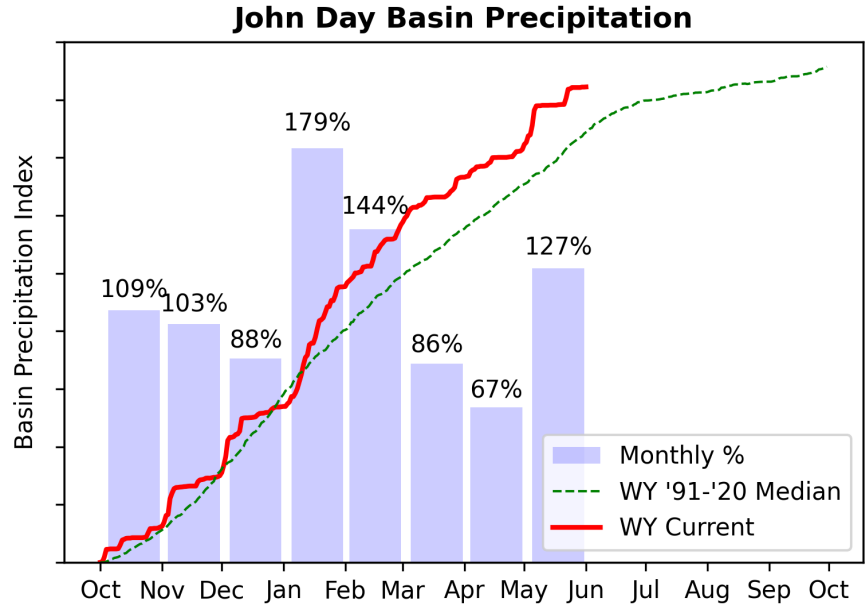
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack has melted out. On May 1st, basin snowpack was 69% of median.

PRECIPITATION



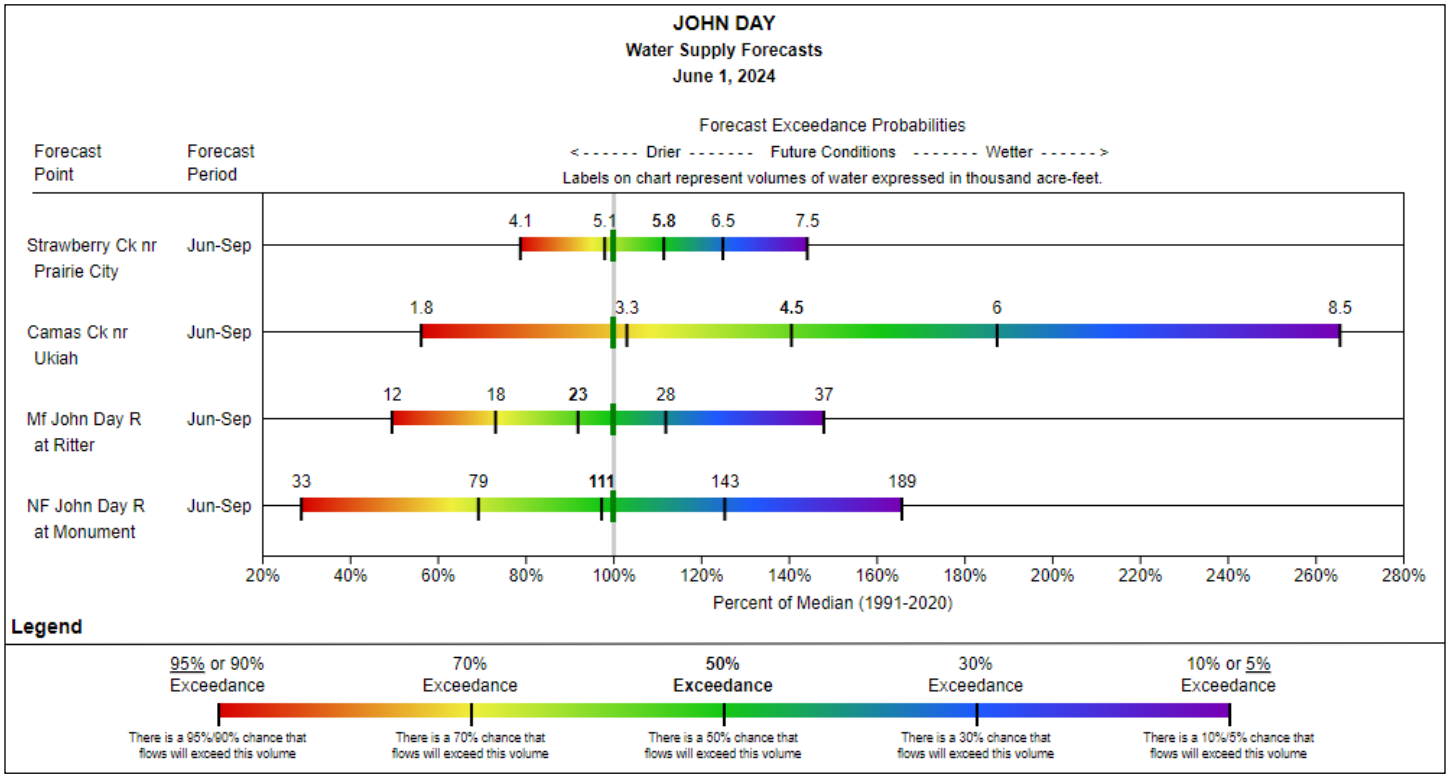
► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is above normal at 127% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 111% of median.

STREAMFLOW FORECAST

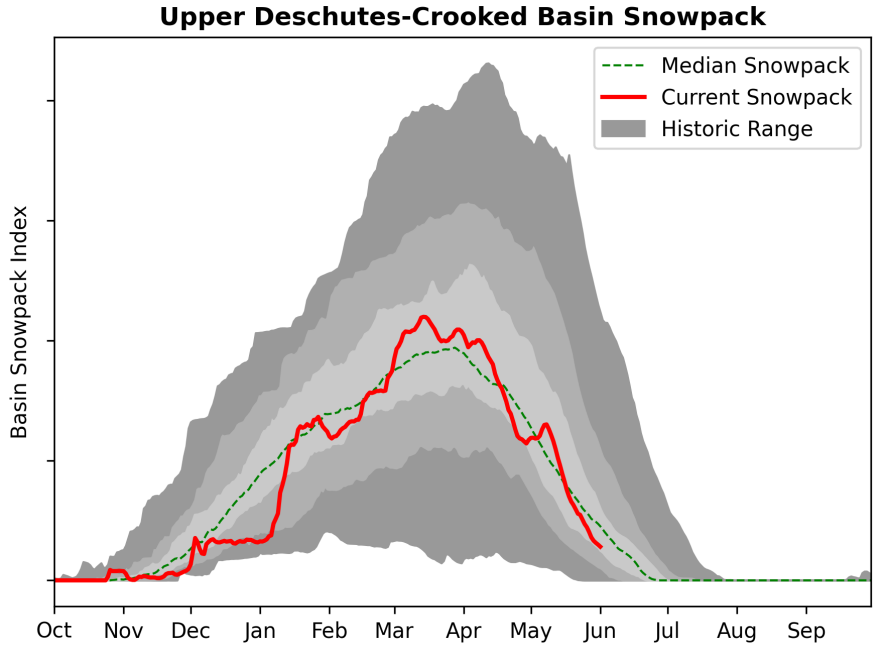
The June through September streamflow forecasts in the basin are near to above normal, with forecast points ranging from 92% to 141% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Upper Deschutes, Crooked Basin Summary

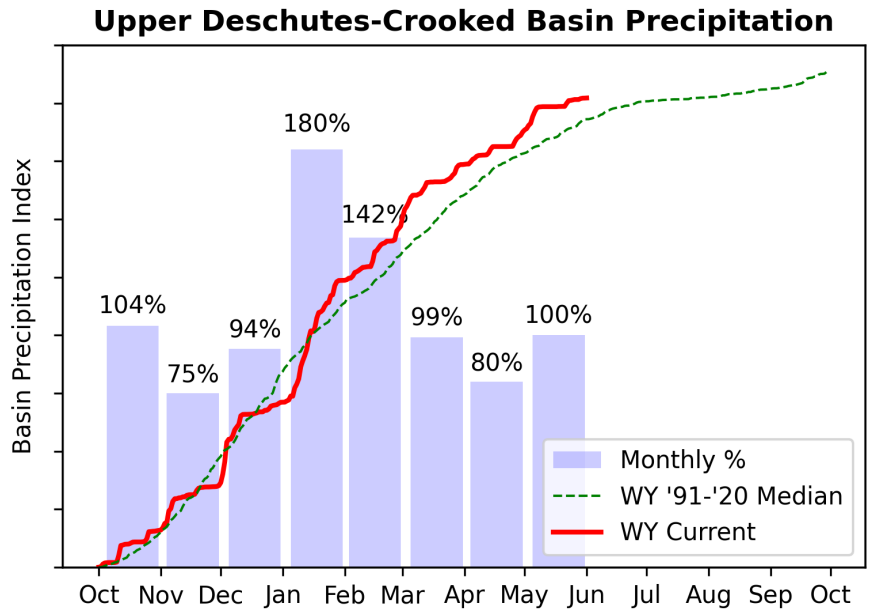
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 62% of median. Last month on May 1 the basin snowpack was 93% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is at normal as 100% of median. Precipitation since the beginning of the water year (October 1—June 1) is 105% of median.

RESERVOIR STORAGE

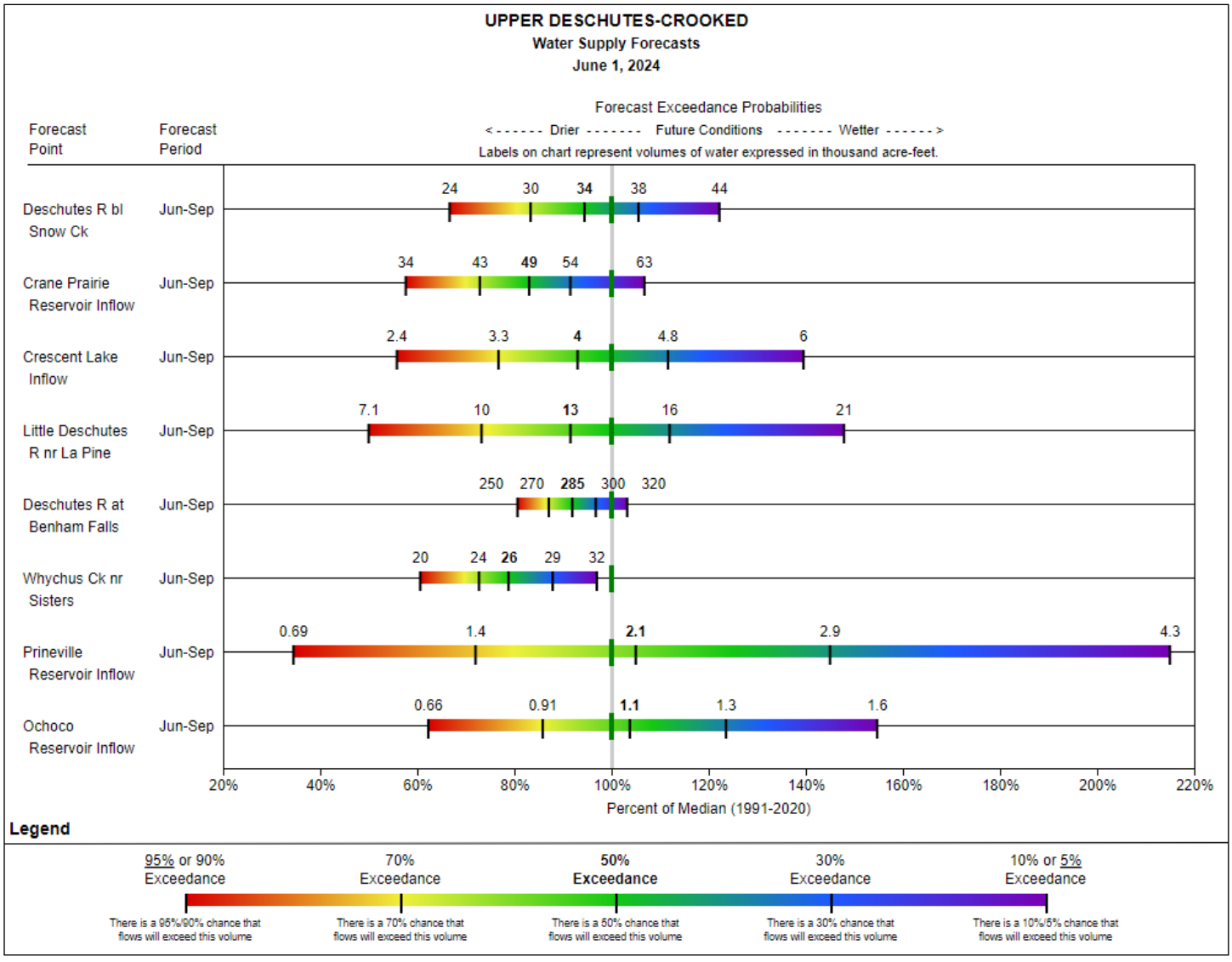
As of June 1, storage at major reservoirs in the basin ranges from 30% of median at Crescent Lake to 118% of median at Ochoco Reservoir.

Upper Deschutes-Crooked	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Crescent Lake	19.1	15.6	62.7	86.9	22%	18%	72%	30%	25%
Ochoco	42.8	32.3	36.2	44.2	97%	73%	82%	118%	89%
Prineville	146.5	148.4	143.2	148.6	99%	100%	96%	102%	104%
Crane Prairie	48.2	47.7	46.0	55.3	87%	86%	83%	105%	104%
Wickiup	135.7	116.8	152.8	200.0	68%	58%	76%	89%	76%
Basin Index					**73%**	**67%**	**82%**	**89%**	**82%**
# of reservoirs					5	5	5	5	5

STREAMFLOW FORECAST

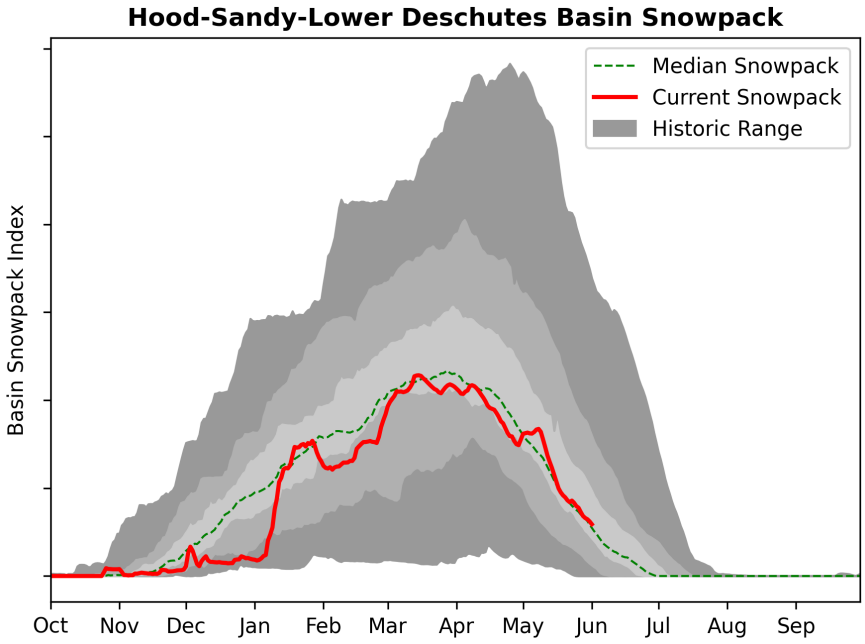
The June through September streamflow forecasts in the basin range from 79% to 105% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Hood, Sandy, Lower Deschutes Basin Summary

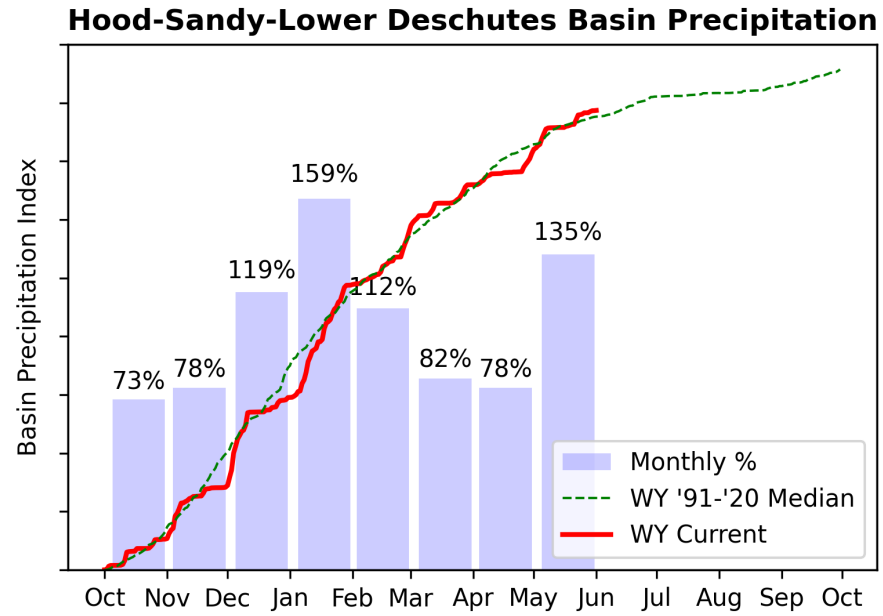
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 108% of median. Last month on May 1 the basin snowpack was 101% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is above normal at 135% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 101% of median.

RESERVOIR STORAGE

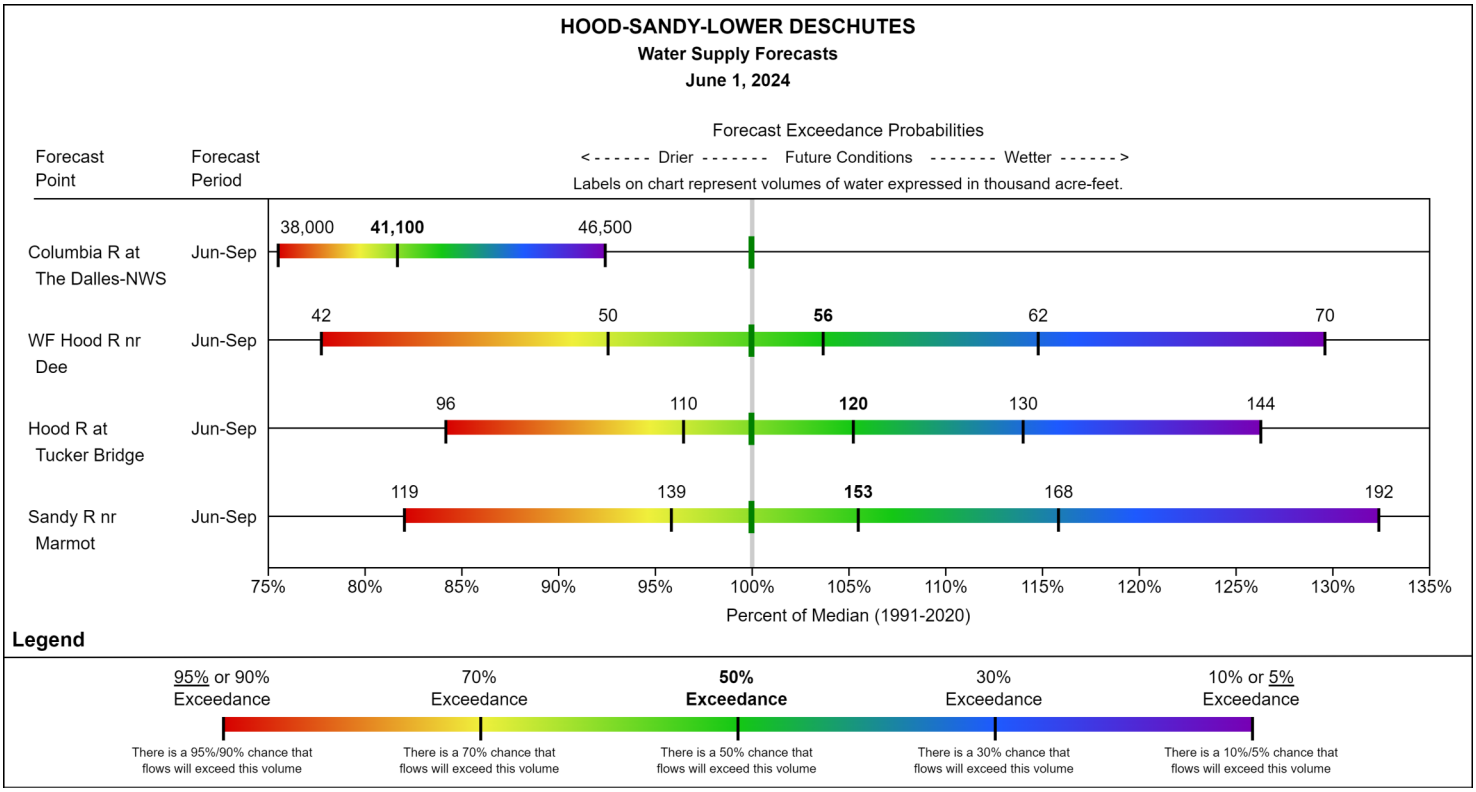
As of June 1, volumetric storage for Clear Lake is below normal at 80% of median.

Hood-Sandy-Lower Deschutes	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Clear Lake	4.9	4.5	6.2	13.1	38%	35%	47%	80%	73%
Basin Index					**38%**	**35%**	**47%**	**80%**	**73%**
# of reservoirs					1	1	1	1	1

STREAMFLOW FORECAST

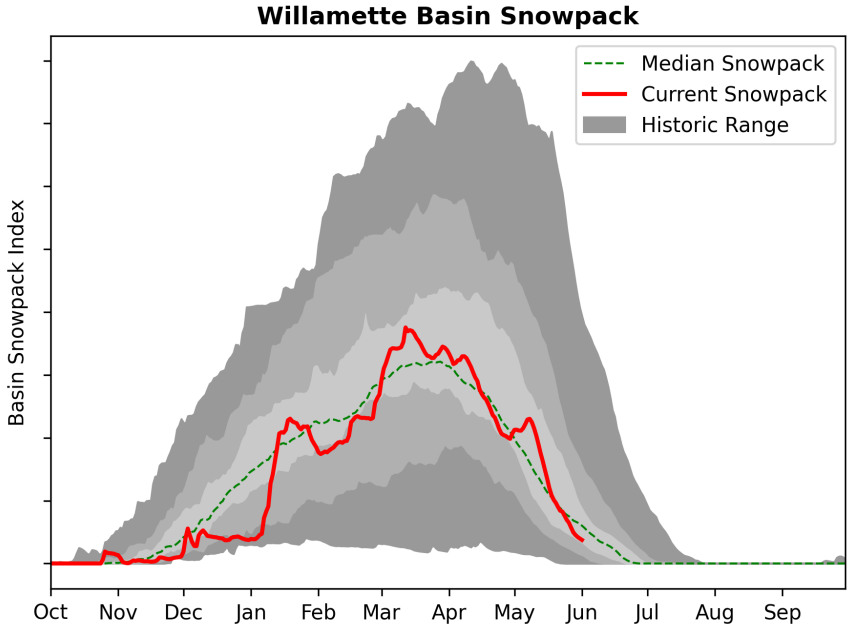
The June through September streamflow forecasts in the basin range from 82% to 106% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Willamette Basin Summary

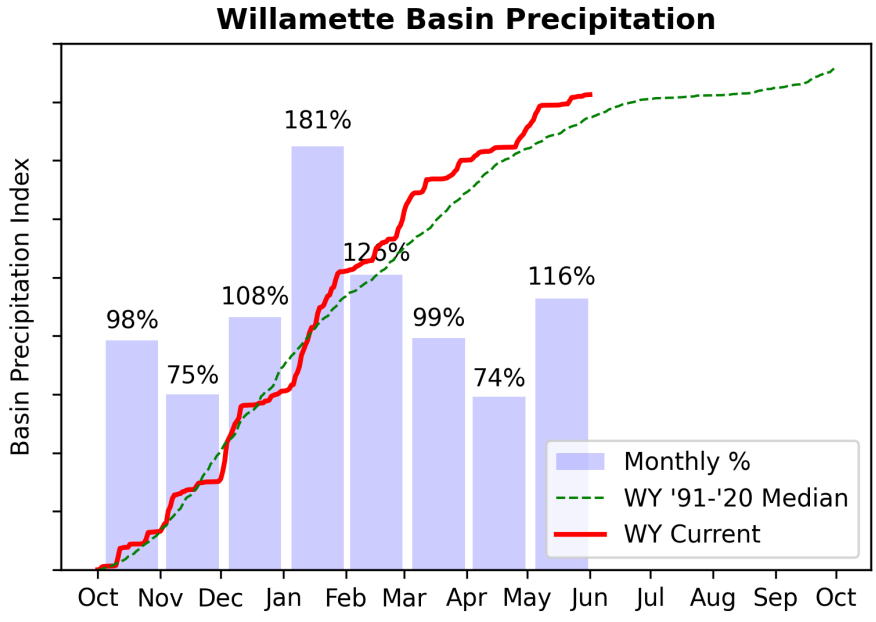
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 62% of median. Last month on May 1 the basin snowpack was 107% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is above normal at 116% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 105% of median.

RESERVOIR STORAGE

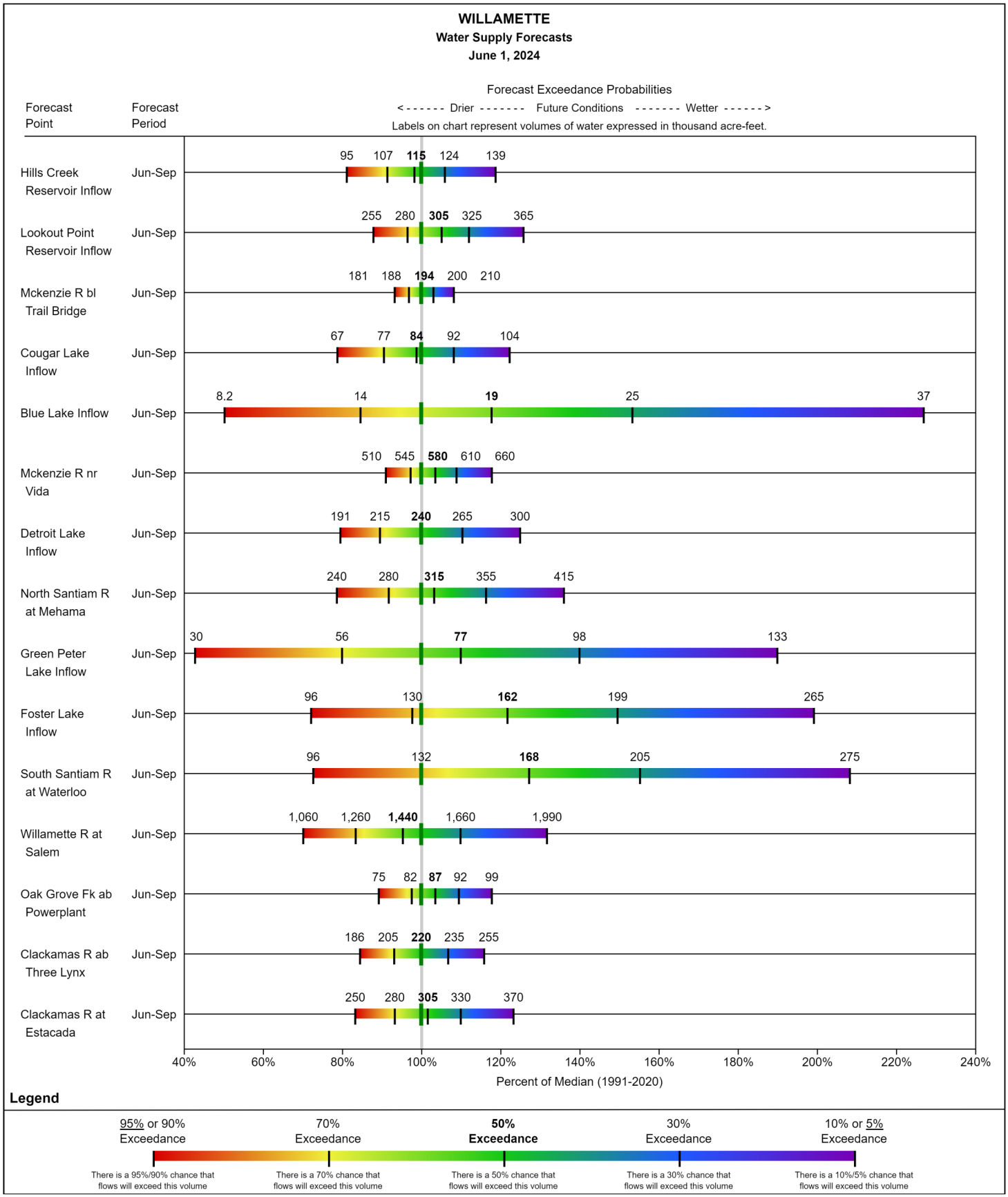
As of June 1, storage at major reservoirs in the basin ranges from 53% of median at Cougar Reservoir to 104% of median at Lookout Point Reservoir.

Willamette	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Fern Ridge	96.4	96.3	96.5	97.3	99%	99%	99%	100%	100%
Cottage Grove	32.0	28.9	31.4	31.8	101%	91%	99%	102%	92%
Henry Hagg Lake	53.2	52.6	53.3	53.3	100%	99%	100%	100%	99%
Dorena	72.3	69.5	71.2	72.1	100%	96%	99%	102%	98%
Lookout Point	405.6	293.1	388.2	433.2	94%	68%	90%	104%	76%
Cougar	89.7	86.4	168.6	174.9	51%	49%	96%	53%	51%
Foster	45.2	46.5	46.1	46.2	98%	101%	100%	98%	101%
Hills Creek	238.2	212.3	274.4	279.2	85%	76%	98%	87%	77%
Detroit	413.0	403.4	433.9	426.8	97%	95%	102%	95%	93%
Timothy Lake	63.5	63.4	63.0	63.6	100%	100%	99%	101%	101%
Blue River	82.2	82.3	81.7	82.3	100%	100%	99%	101%	101%
Fall Creek	99.1	22.5	116.4	116.0	85%	19%	100%	85%	19%
Green Peter	368.8	370.1	385.8	402.8	92%	92%	96%	96%	96%
Dexter	24.8	25.2	25.5					97%	99%
Basin Index					**90%**	**80%**	**97%**	**93%**	**83%**
# of reservoirs					13	13	13	14	14

STREAMFLOW FORECAST

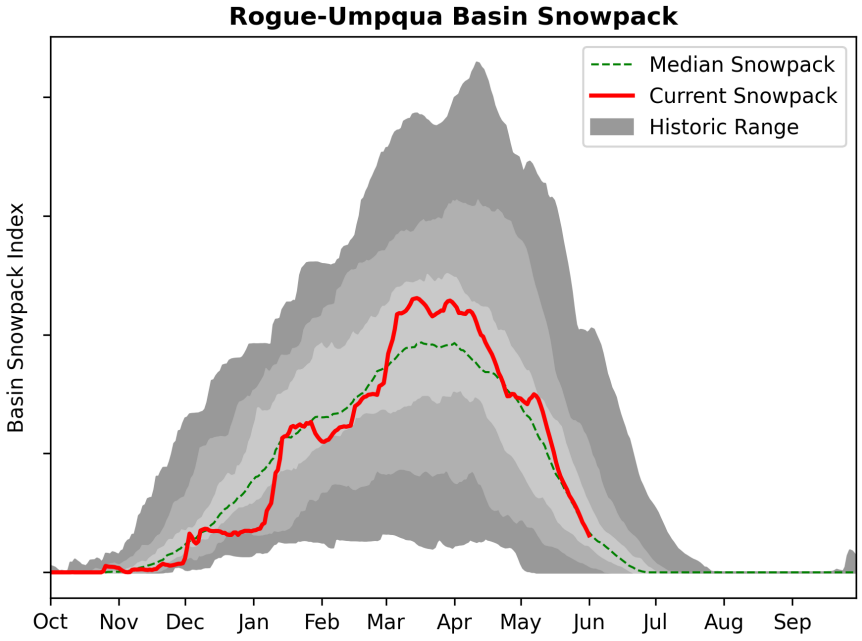
The June through September streamflow forecasts in the basin range from 95% to 127% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.


WILLAMETTE
Water Supply Forecasts
June 1, 2024
Forecast Exceedance Probabilities
< ------- Drier ------- Future Conditions ------- Wetter ------- >
Labels on chart represent volumes of water expressed in thousand acre-feet.
Forecast Point
Forecast Period
Hills Creek Reservoir Inflow Jun-Sep 95 107 115 124 139
Lookout Point Reservoir Inflow Jun-Sep 255 280 305 325 365
Mckenzie R bl Trail Bridge Jun-Sep 181 188 194 200 210
Cougar Lake Inflow Jun-Sep 67 77 84 92 104
Blue Lake Inflow Jun-Sep 8.2 14 19 25 37
Mckenzie R nr Vida Jun-Sep 510 545 580 610 660
Detroit Lake Inflow Jun-Sep 191 215 240 265 300
North Santiam R at Mehama Jun-Sep 240 280 315 355 415
Green Peter Lake Inflow Jun-Sep 30 56 77 98 133
Foster Lake Inflow Jun-Sep 96 130 162 199 265
South Santiam R at Waterloo Jun-Sep 96 132 168 205 275
Willamette R at Salem Jun-Sep 1,060 1,260 1,440 1,660 1,990
Oak Grove Fk ab Powerplant Jun-Sep 75 82 87 92 99
Clackamas R ab Three Lynx Jun-Sep 186 205 220 235 255
Clackamas R at Estacada Jun-Sep 250 280 305 330 370
40% 60% 80% 100% 120% 140% 160% 180% 200% 220% 240%
Percent of Median (1991-2020)
Legend
95% or 90% Exceedance
70% Exceedance
50% Exceedance
30% Exceedance
10% or 5% Exceedance
There is a 95%/90% chance that flows will exceed this volume
There is a 70% chance that flows will exceed this volume
There is a 50% chance that flows will exceed this volume
There is a 30% chance that flows will exceed this volume
There is a 10%/5% chance that flows will exceed this volume

Rogue, Umpqua Basin Summary

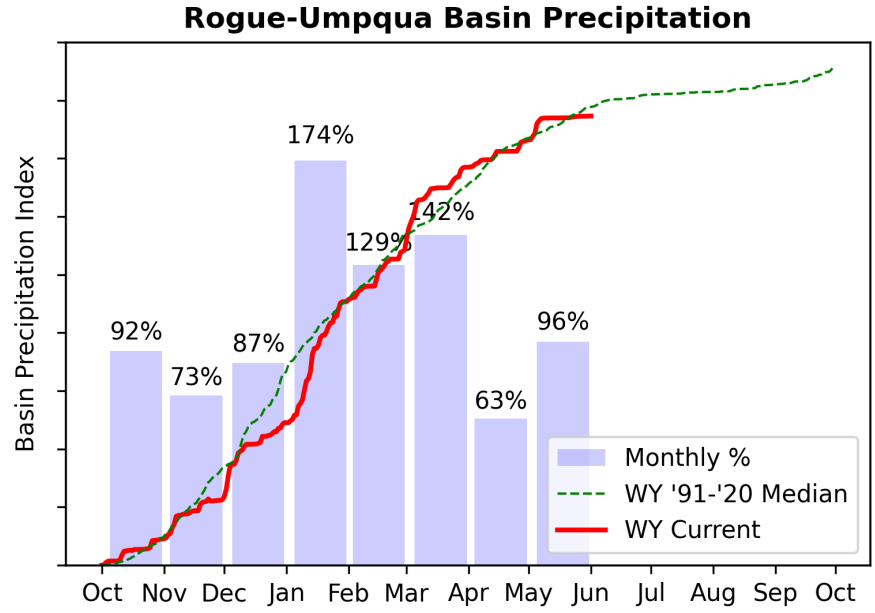
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 93% of median. Last month on May 1 the basin snowpack was 94% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is below normal at 96% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 98% of median.

RESERVOIR STORAGE

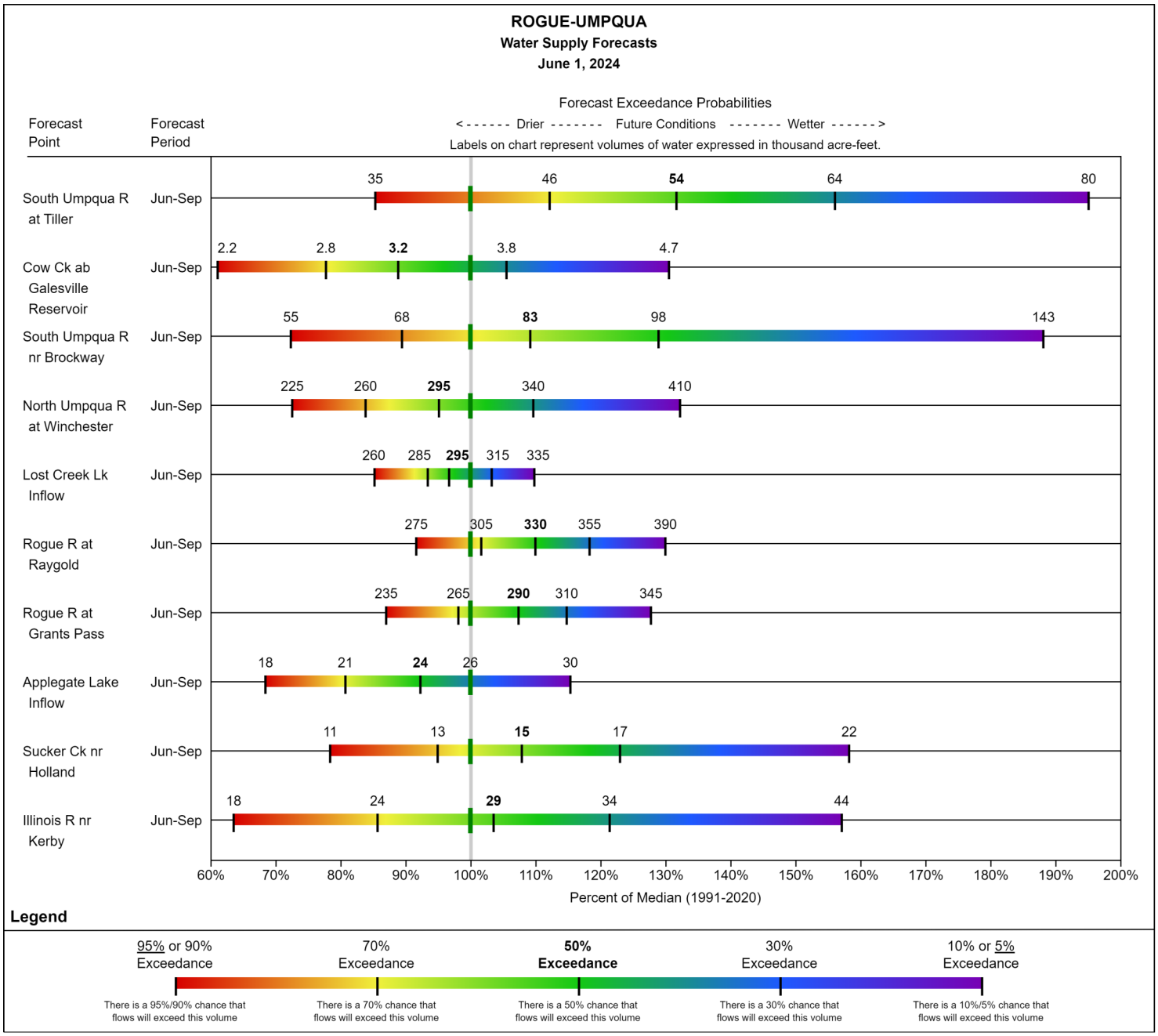
As of June 1, storage at major reservoirs in the basin ranges from 77% of median at Emigrant Lake to 97% of median at Lost Creek Reservoir.

Rogue-Umpqua	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Fish Lake	5.5	4.7	5.9	7.9	70%	59%	75%	94%	80%
Emigrant Lake	29.3	28.0	37.8	39.0	75%	72%	97%	77%	74%
Applegate	64.9	64.6	68.6	75.2	86%	86%	91%	95%	94%
Lost Creek	292.2	287.5	302.7	315.0	93%	91%	96%	97%	95%
Basin Index					**90%**	**88%**	**95%**	**94%**	**93%**
# of reservoirs					4	4	4	4	4

STREAMFLOW FORECAST

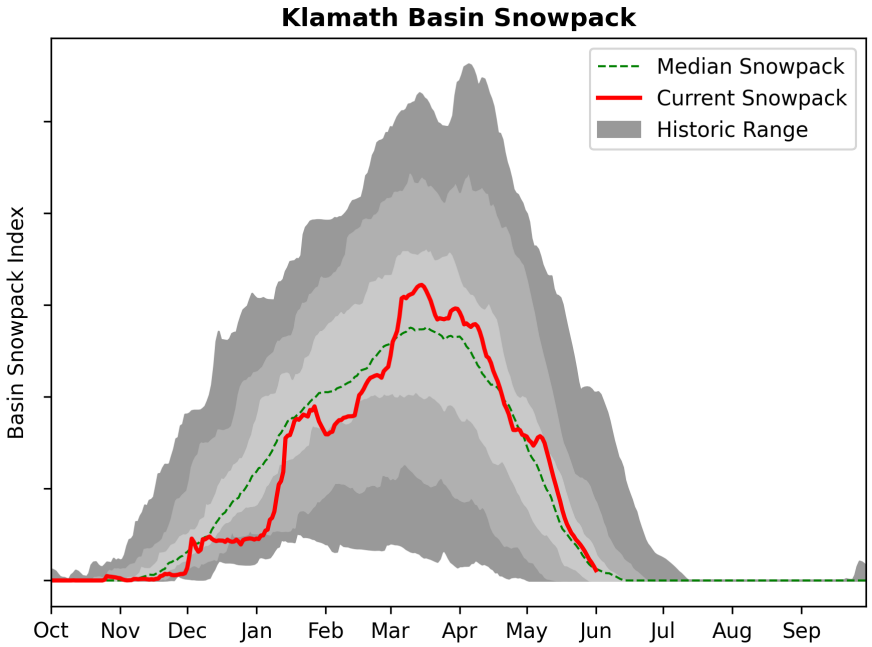
The June through September streamflow forecasts in the basin range from 89% to 132% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Klamath Basin Summary

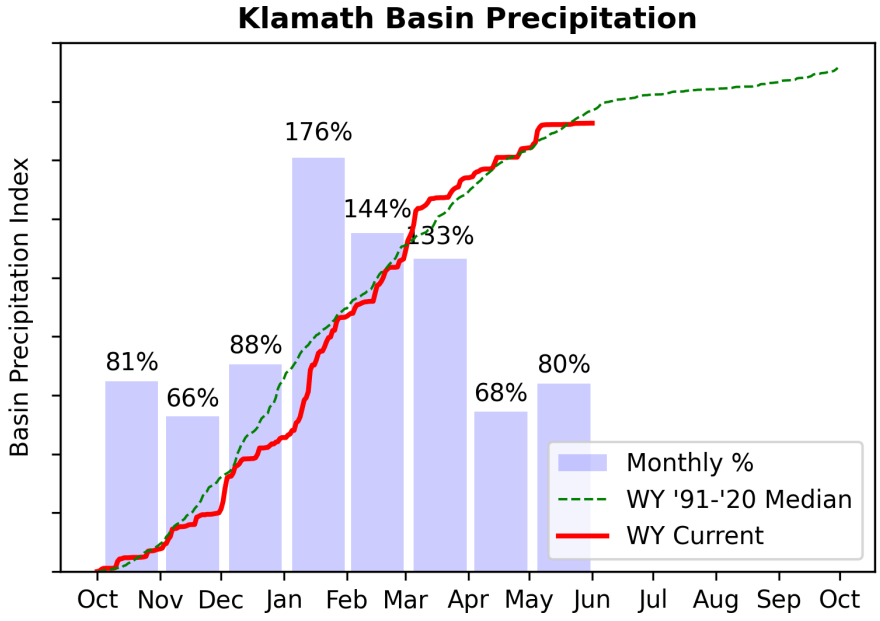
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 88% of median. Last month on May 1 the basin snowpack was 102% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is below normal at 80% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 97% of median.

RESERVOIR STORAGE

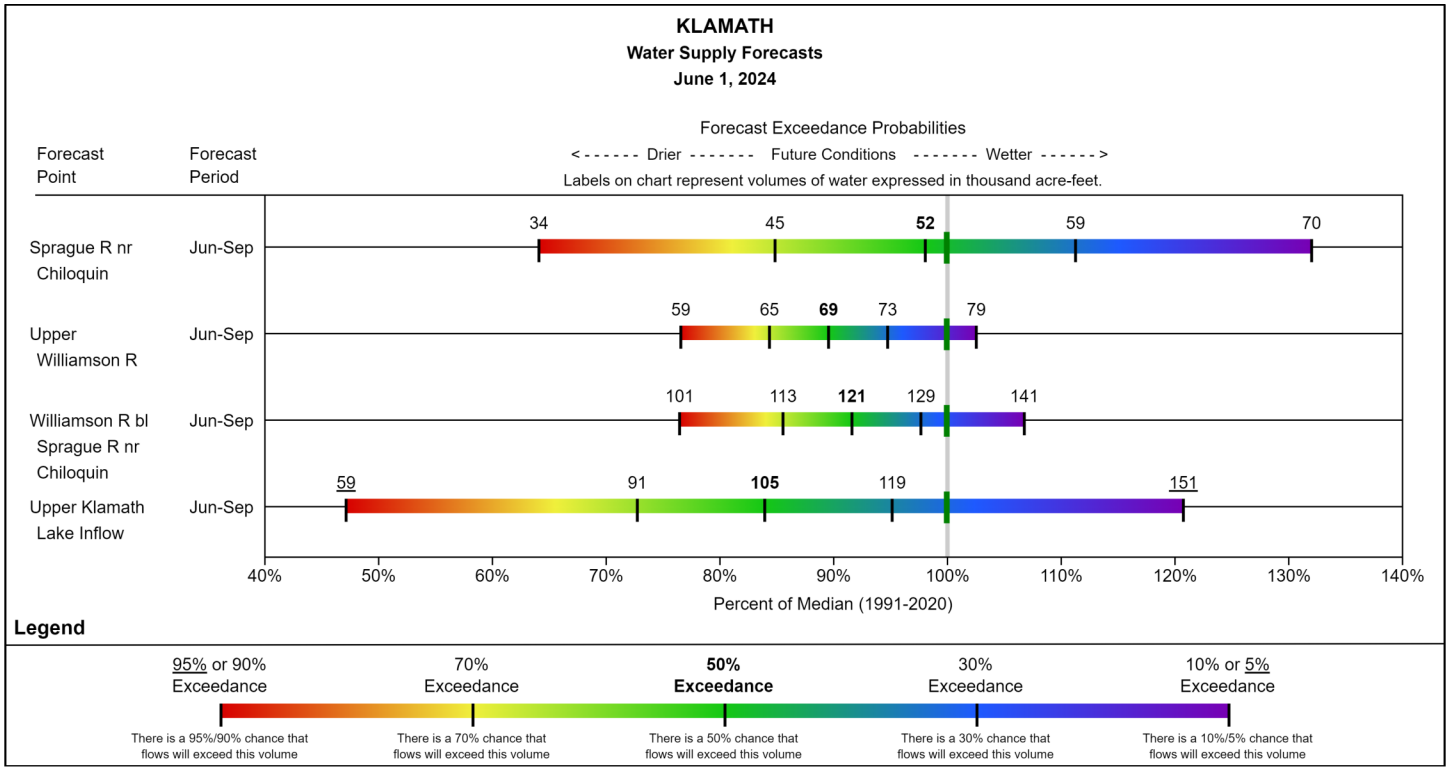
As of June 1, storage at major reservoirs in the basin ranges from 62% of median at Gerber Reservoir to 115% of median at Upper Klamath Lake.

Klamath	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Howard Prairie	34.3	31.4	48.7	62.1	55%	51%	78%	70%	64%
Fourmile Lake	8.6	9.2	10.5	15.6	55%	59%	67%	82%	88%
Upper Klamath Lake	512.7	472.9	445.8	523.7	98%	90%	85%	115%	106%
Clear Lake	131.9	131.6	163.4	513.3	26%	26%	32%	81%	81%
Hyatt Prairie	9.8	9.6	13.5	16.2	61%	59%	83%	73%	71%
Gerber	37.5	45.8	60.5	94.3	40%	49%	64%	62%	76%
Basin Index					**60%**	**57%**	**61%**	**99%**	**94%**
# of reservoirs					6	6	6	6	6

STREAMFLOW FORECAST

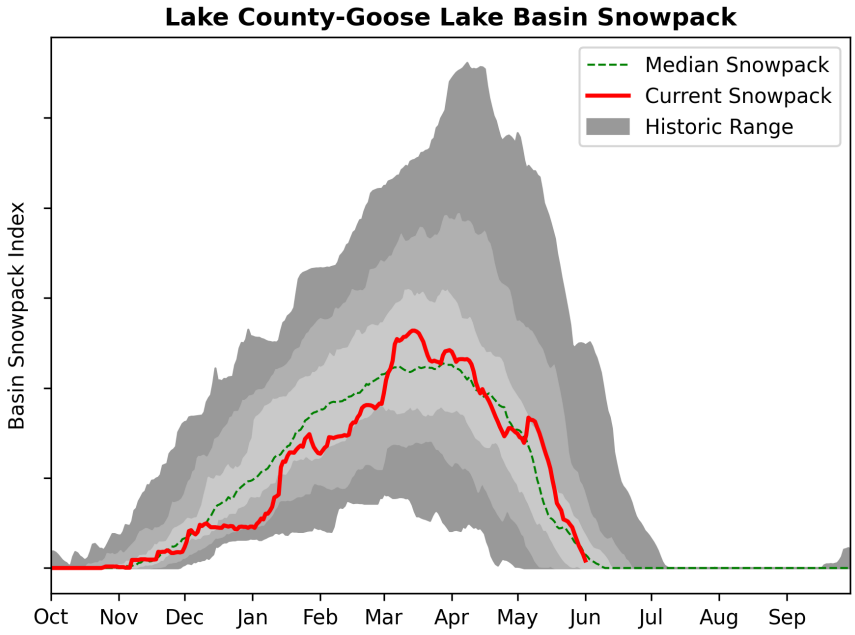
The streamflow forecasts for the primary period in the basin range from 84% to 98% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Lake County, Goose Lake Basin Summary

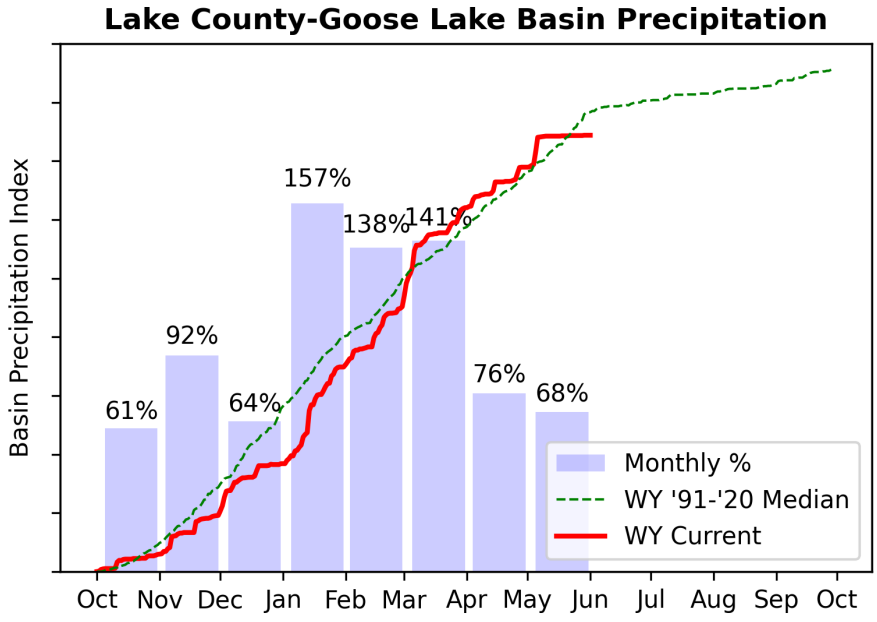
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 56% of median. Last month on May 1 the basin snowpack was 96% of median.

PRECIPITATION



► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is below normal at 68% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 95% of median.

RESERVOIR STORAGE

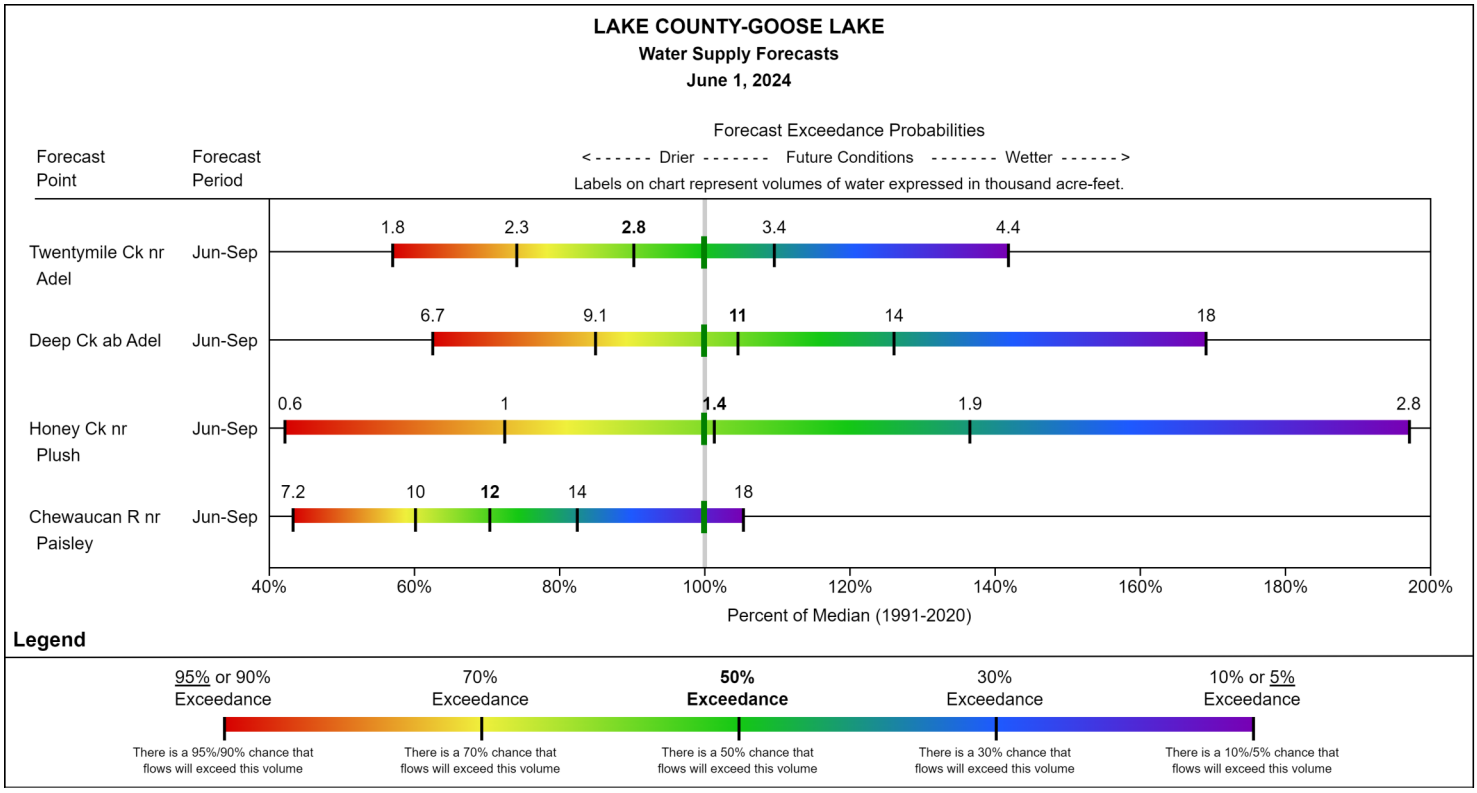
As of June 1, storage at major reservoirs in the basin range from 110% of median at Drews Reservoir to 106% of median at Cottonwood Reservoir.

Lake County-Goose Lake	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Cottonwood	8.7	8.9	8.2	9.3	94%	96%	88%	106%	108%
Drews	50.5	51.1	45.9	63.5	79%	81%	72%	110%	111%
Basin Index					**81%**	**82%**	**74%**	**109%**	**111%**
# of reservoirs					2	2	2	2	2

STREAMFLOW FORECAST

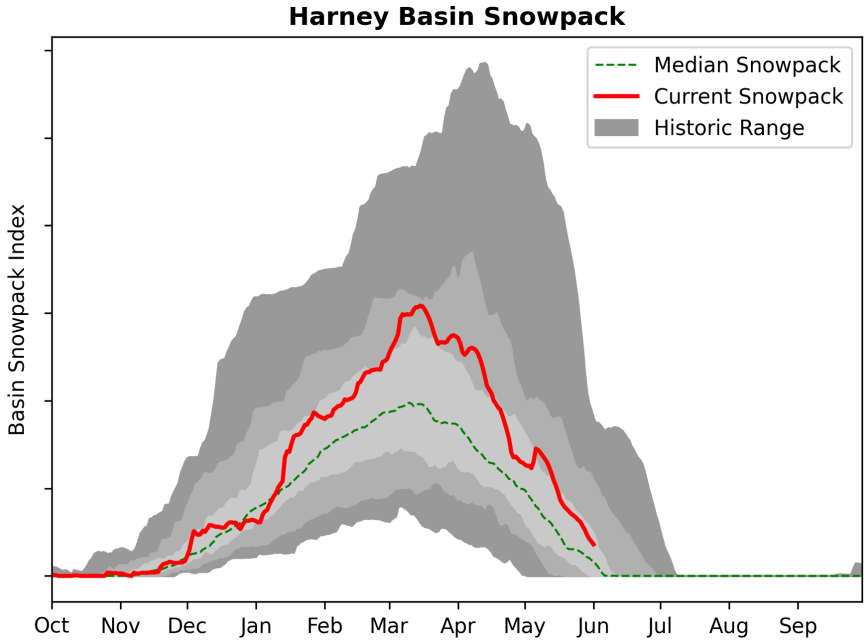
The June through September streamflow forecasts in the basin range from 70% to 105% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Harney Basin Summary

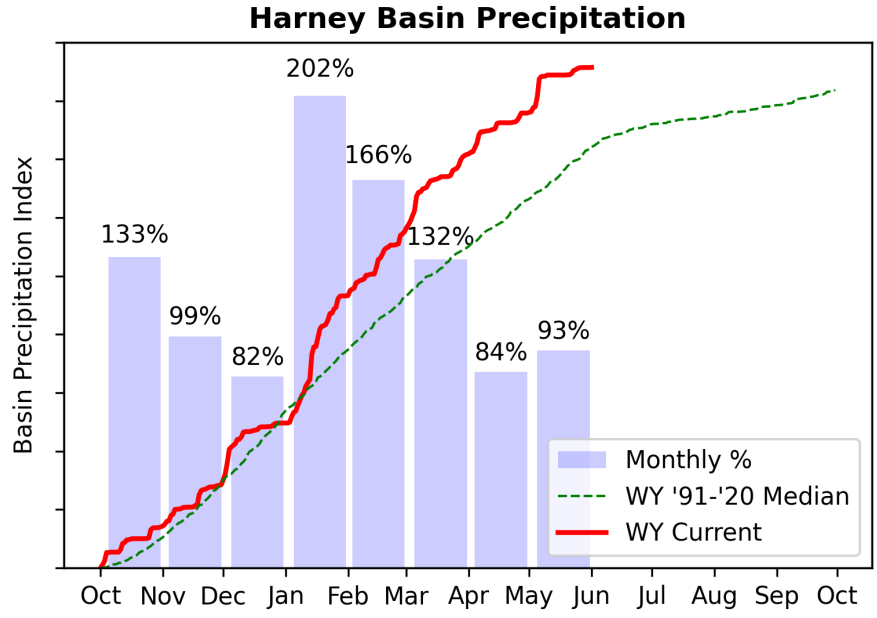
SNOWPACK



► *View snowpack for individual sites by accessing the basin data report* **here**.

As of June 1, the basin snowpack is 228% of median. Last month on May 1 the basin snowpack was 130% of median.

PRECIPITATION



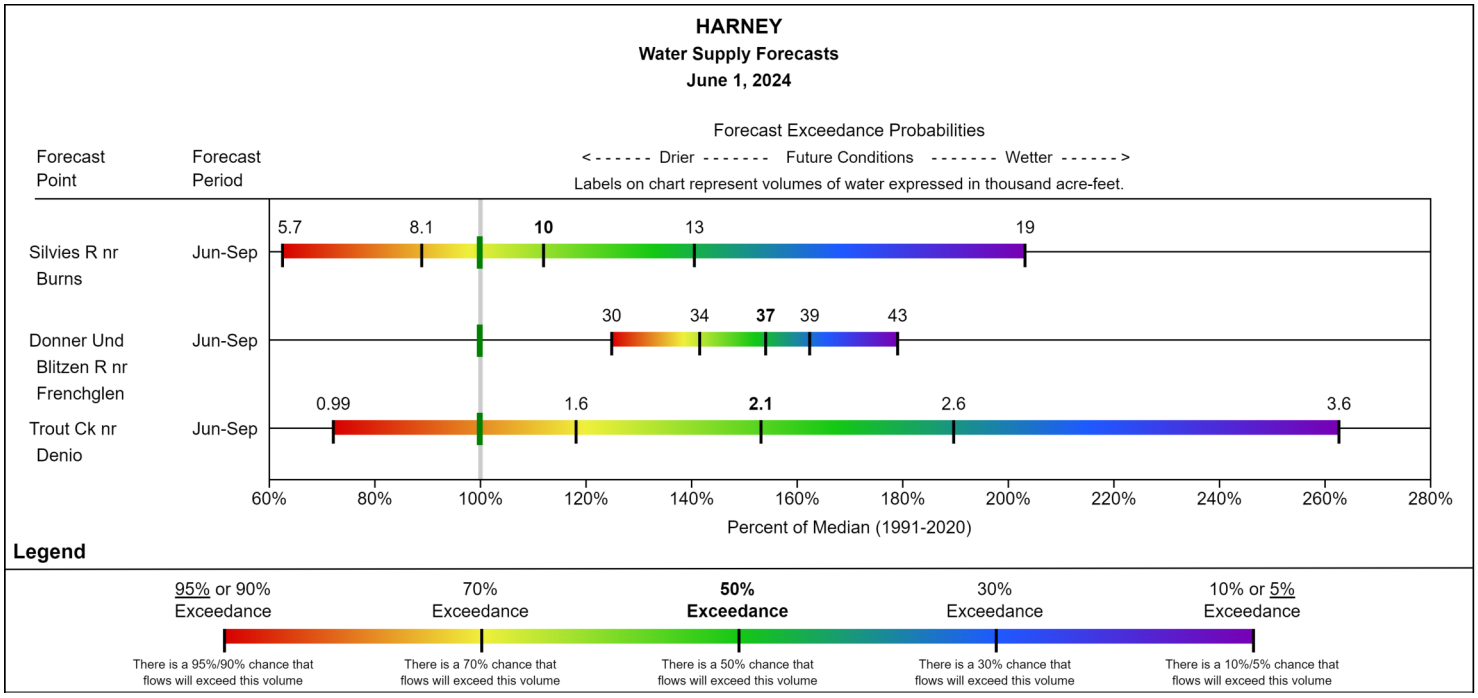
► *View precipitation for individual sites by accessing the basin data report* **here**.

May precipitation is below normal at 93% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 119% of median.

STREAMFLOW FORECAST

The June through September streamflow forecasts in the basin range from 98% to 154% of median.

For data in tabular format and to view other forecasts please view the basin data reports **here**.



Additional Resources

Development and Interpretation of Water Supply Forecasts

User Guide to Forecast Charts

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Subscribe here to receive the Water Supply Outlook Report.

For more water supply and resource management information, contact:

Matt Warbritton
Supervisory Hydrologist
Portland Data Collection Office
USDA NRCS Oregon Snow Survey and Water Supply Forecasting Program
matt.warbritton@usda.gov
Phone: (503) 307-2829
NRCS Oregon Snow Survey Website

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Issued by

Terry Cosby, Chief
Natural Resources Conservation Service
U.S. Department of Agriculture

Released by

Greg Becker, State Conservationist
Natural Resources Conservation Service
Portland, OR

USDA Natural Resources Conservation Service
Oregon Snow Survey
1201 NE Lloyd Suite 900
Portland, OR 97232
NRCS Oregon Snow Survey Website