United States Department of Agriculture

Natural Resources Conservation Service

Oregon Water Supply Outlook Report

June 1, 2023

The irrigation season in the Deschutes Basin is in full swing. On this field north of Madras on the Agency Plains, a farmer waters Kentucky Bluegrass, backdropped by snow-blanketed Seekseekqua (Mt. Jefferson).

Photo taken by Matt Warbritton, NRCS Hydrologist (May 24th, 2023)

Contents

Contact for Report

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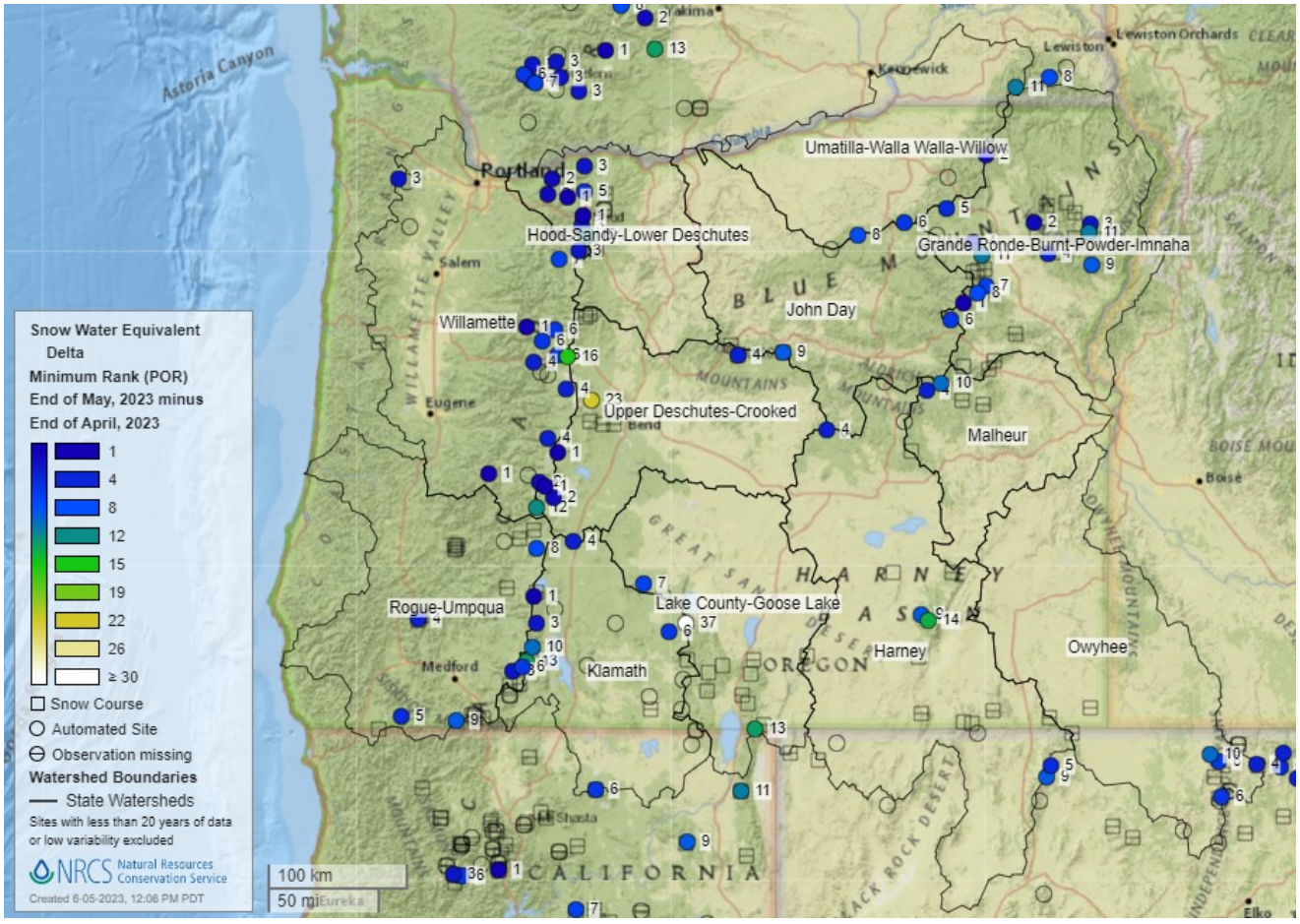
Conditions Overview

Summary

Throughout May, rapid snowmelt in all basins was driven by anomalously warm temperatures, notably in the northern half of the state. The rate of snowmelt at several SNOTEL sites, particularly in the Cascades and parts of the Wallowas, was the highest or near highest on record. Remaining snowpack at sites varies from above to below normal.

Several SNOTEL sites in northwest and northeast Oregon recorded their driest or second driest May on record, with month-to-date precipitation in these areas below to well-below normal. As a result, water year-to-date (WYTD) precipitation deficits increased across the Cascades and parts of the northern Blue Mountains after some recovery the past couple months. Much of central and southern Oregon east of the Cascade crest experienced near to above-normal precipitation in May, which increased WYTD precipitation as % of normal (slightly below to somewhat above normal) in these basins. Additional rainfall in central Oregon has continued to decrease drought severity there, while abnormally dry conditions expand in western and parts of northeastern Oregon.

**Note that basin conditions used in this report include data from stations within the SNOTEL and SNOLITE network, and/or co-op weather stations.*



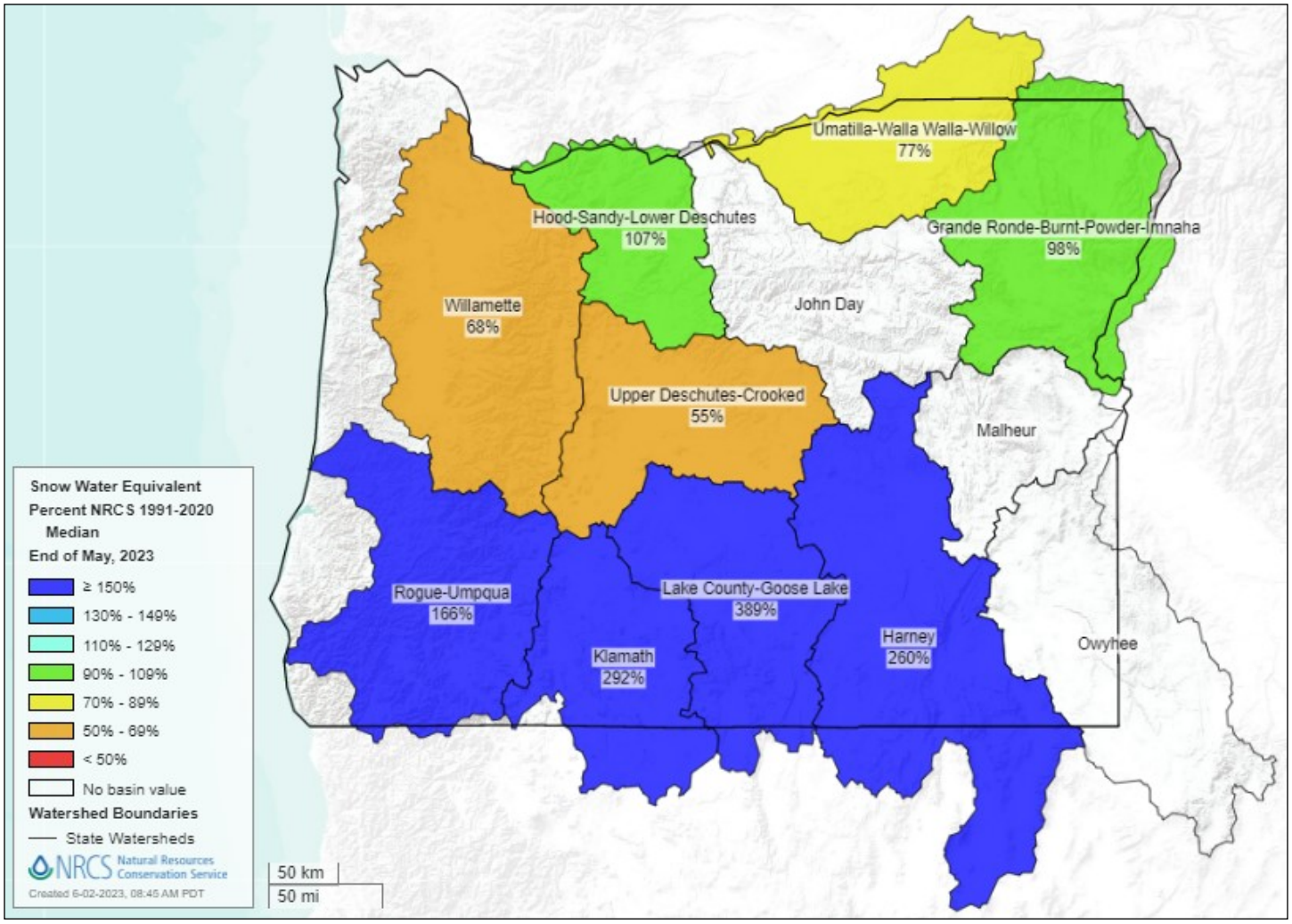
A map showing the ranking for change in snow water equivalent (i.e. snowpack) from May 1 to May 31. A "1" indicates the fastest decline in snowpack on record from May 1 to May 31.

Snowpack

Overall, this winter's snowpack was above normal, with peak snowpack at nearly all SNOTEL sites above normal and the onset of snowmelt occurring later than normal. See below for a table of some snowpack records at SNOTEL sites this year.

As of June 1, the remaining snowpack along the central and northern Cascades and in northeastern Oregon ranges from well-below to well-above normal, with all basins in those regions near to well-below normal. In southern Oregon, snowpack is well-above normal. Anomalously warm temperatures throughout May resulted in rapid melting of snowpack. However, nearly all sites in Oregon have melted out or will melt out at a later date than normal.

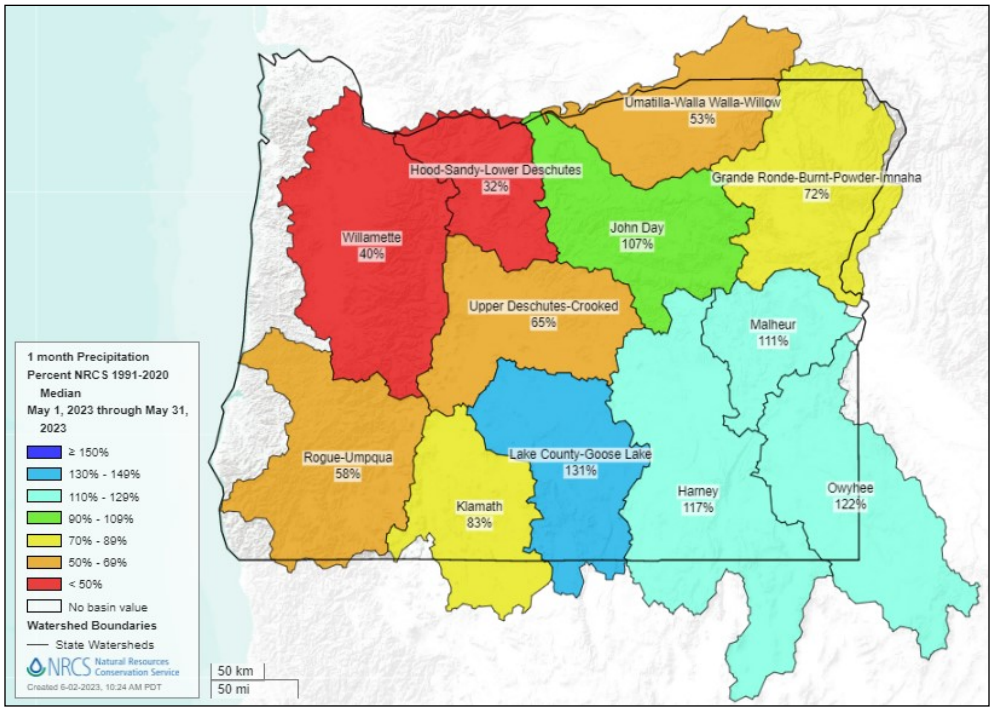
RECORDS	*Peak Snow Accumulation*	*Onset to Snowmelt**	*Snow Meltout to Date**	*March Snowpack*
Highest	10	5	4	14
2nd Highest	8	10	2	17
Top 5	37	44	23	53
# = number of SNOTEL sites		* *Highest = Latest*		



Basin snowpack (% of median) as of June 1.

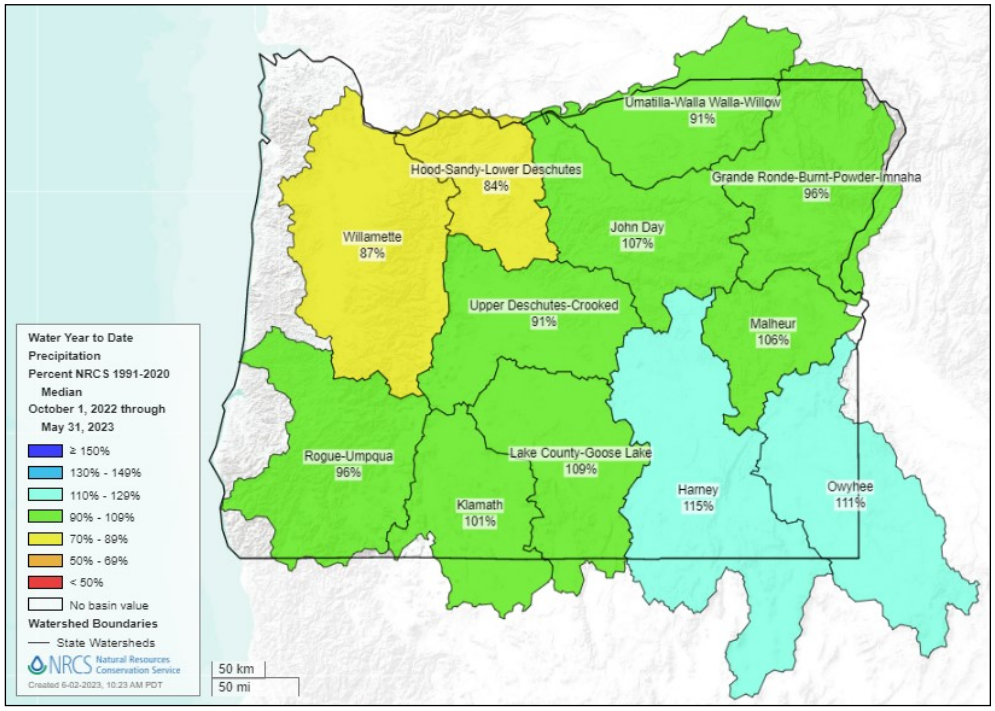
Precipitation

May precipitation across the state varies. In western Oregon and across the Columbia River Basin to the Wallowas, month-to-date precipitation is mostly below to well-below normal with several sites recording their driest or second driest May on record. As a result, WYTD precipitation for the associated basins have declined as % of normal and are slightly to somewhat below normal. Conversely, May precipitation at most sites in central and southern Oregon east of the Cascades is near to well-above normal. WYTD precipitation for these basins is generally slightly below to somewhat above normal (except the Upper Deschutes & Crooked River and Klamath Basins, which are below normal).



Monthly

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



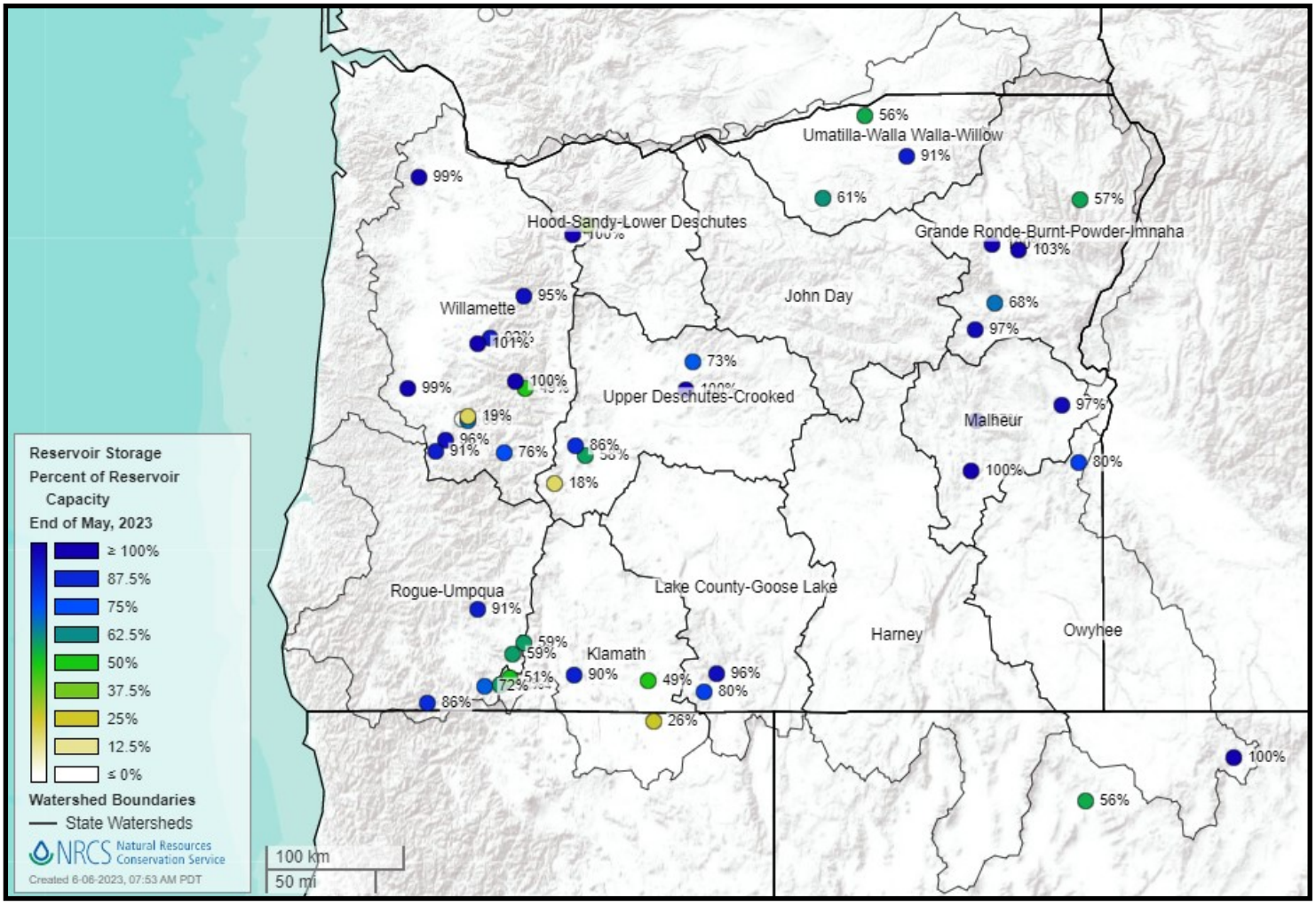
Water Year

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

Reservoirs

Many reservoirs throughout the state are more than 75% full, with many at capacity. Prineville Reservoir, where storage was at a record low on October 1, is now 100% full, with many reservoirs in eastern Oregon and a few in southern Oregon at or near storage capacity, too. However, there are still reservoirs storing volumes of water below to well-below normal, notably in the southern Cascades (Fourmile Lake, Fish Lake, Howard Prairie, Hyatt Prairie), parts of the Central Cascades (Crescent Lake, Wickiup, Fall Creek, Cougar), and northeastern Oregon (Wallowa Lake, Cold Springs).

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 %-of-normal values for a reservoir.



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

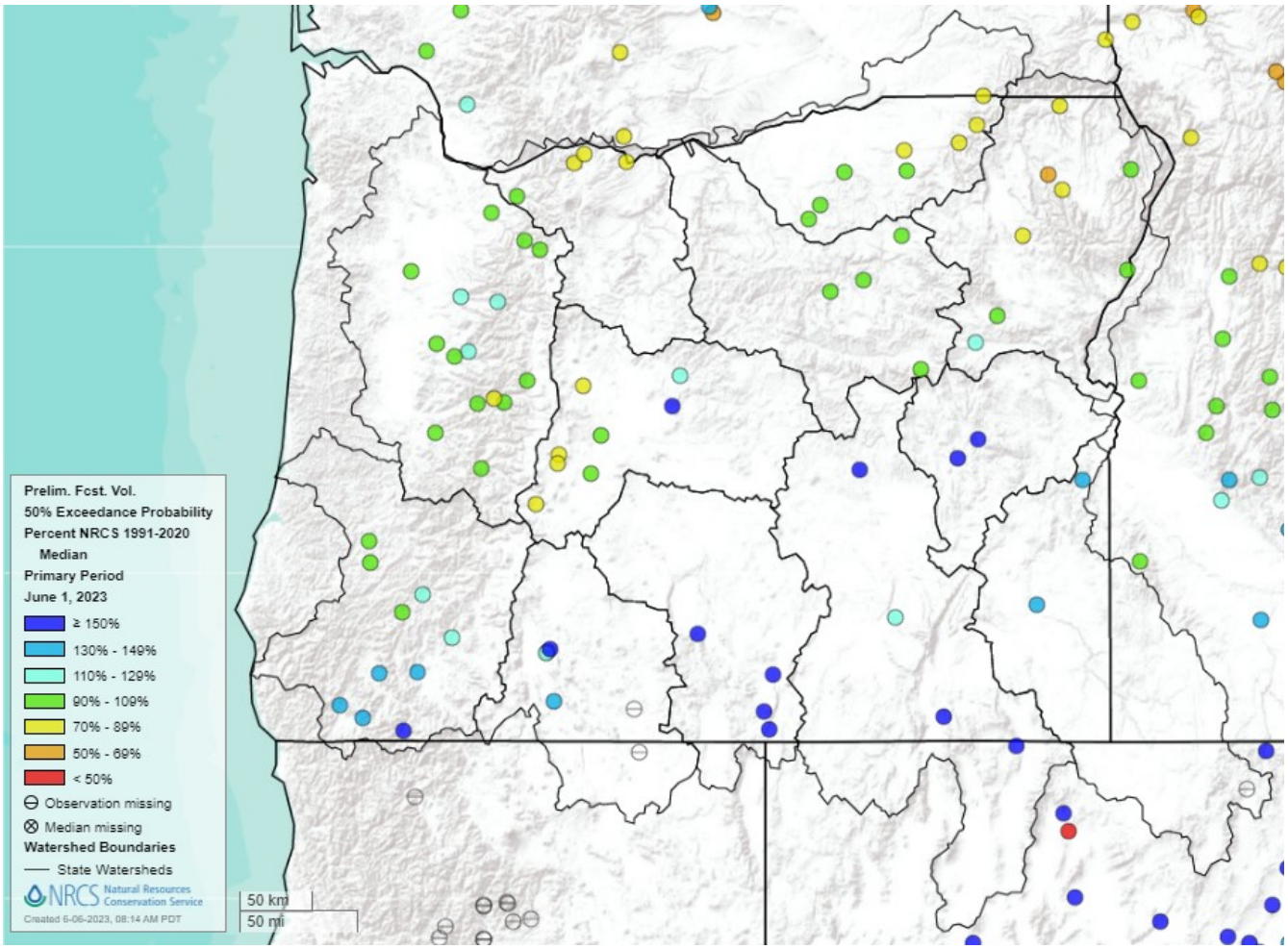
Streamflow

Snowpack-dominated streamflows are in recession from their peaks across the state as snowmelt contributions to flows diminish. Streamflows in western Oregon (except parts of the Rogue River and Illinois River) have largely declined since May 1, in part due to less snowmelt contributions to streamflows but also low monthly precipitation in the Willamette Basin and much of the Cascades. Streamflows east of the Cascade crest remain mostly elevated relative to normal.

Streamflow forecasts for the primary period June-September vary across the state, but have generally declined since May 1 (except for some forecast points southern OR and Malheur Basin). Streamflows are now predicted to be below normal in areas along Hood River and east towards Imnaha in northeastern Orgon due to rapid snowmelt and drier-than-normal conditions in May. In addition, several forecasts in the central Cascades and in the Upper Deschutes Basin are calling for below-normal streamflows through the summer. Elevated flows compared to normal are still expected across southern Oregon and the southern Blue Mountains.

Forecast users should always consider the full prediction interval when interpreting streamflow forecasts, given as the 10%, 30%, 70% and 90% exceedance flows for the forecasts provided in this report.

View the map for May observed streamflow here.

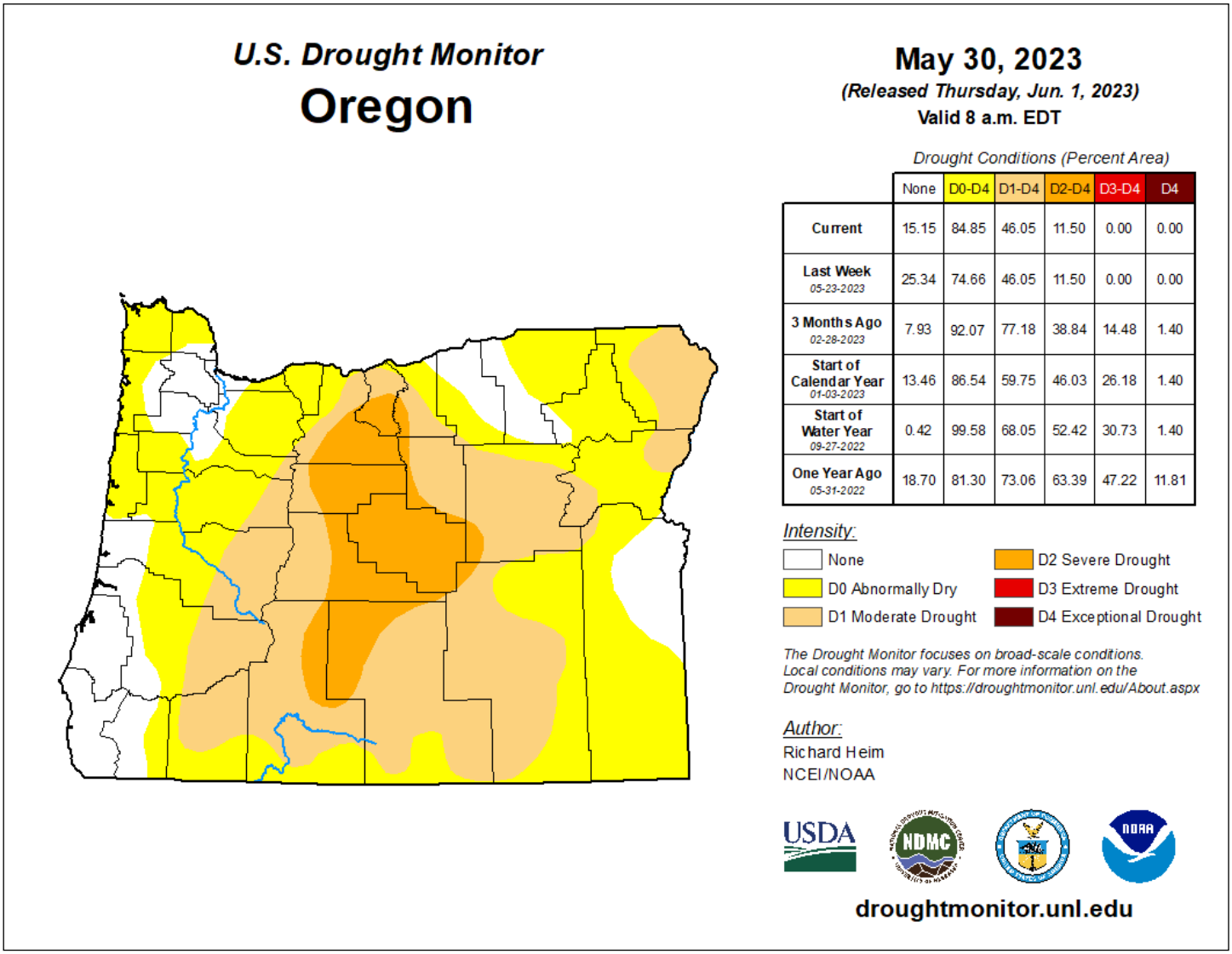


Streamflow forecasts (% of normal) for the primary period as of June 1

Drought

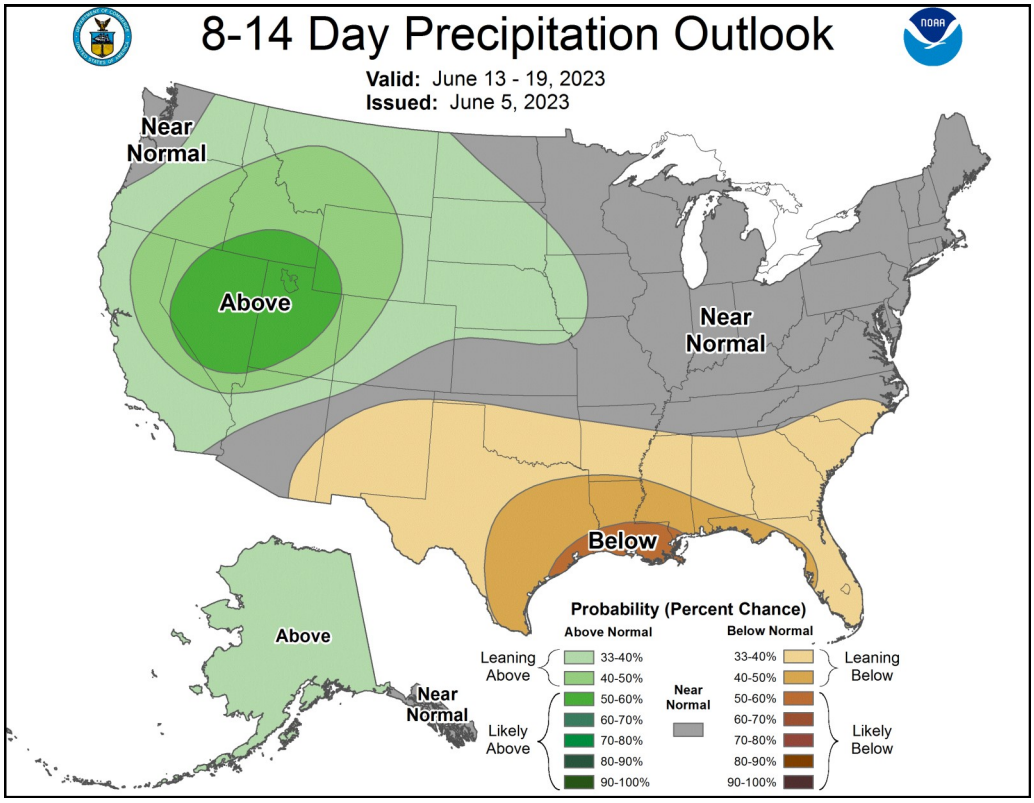
As of June 1, nearly 46% of the state is in some drought category (D1-D4), a nearly 10% decline in drought distribution since the beginning of May and a 23% decline since the beginning of the water year (October 1, 2022). Drought intensity continues to decline in central and southern Oregon, with a nearly 11% decrease in the distribution of severe drought (D2) and no remaining extreme drought (D3) in the Crooked River Basin. Dry conditions (D0) expanded in northwestern and northeastern Oregon due to abnormally warm temperatures in May and below-normal month-to-date precipitation.

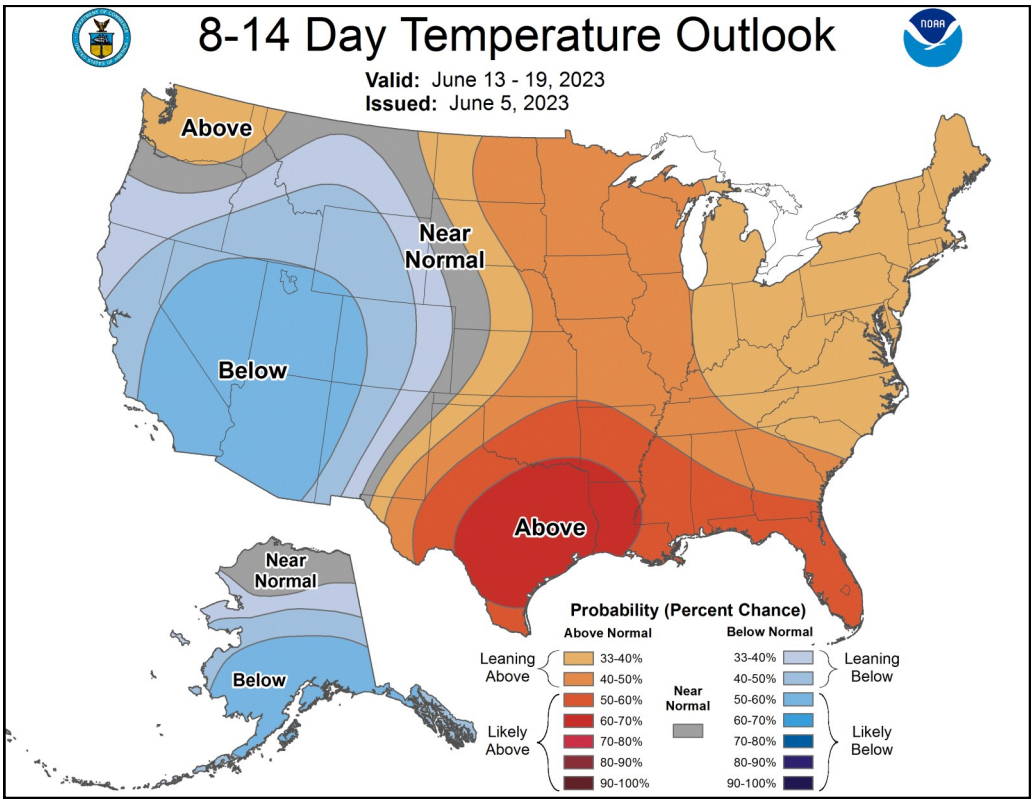
State drought declarations have been made for the following counties: Crook, Deschutes, Grant, Harney, Jefferson, Lake, Sherman, and Wasco. Jackson County has requested a state drought declaration.



8-14 Day Outlook

The Climate Prediction Center's 8-14 Day Outlook calls for a leaning probability of above-normal precipitation throughout the state. The outlook for temperature is leaning to below normal for the southern half of the state, with equal chances of above and below-normal temperature for the northern half.

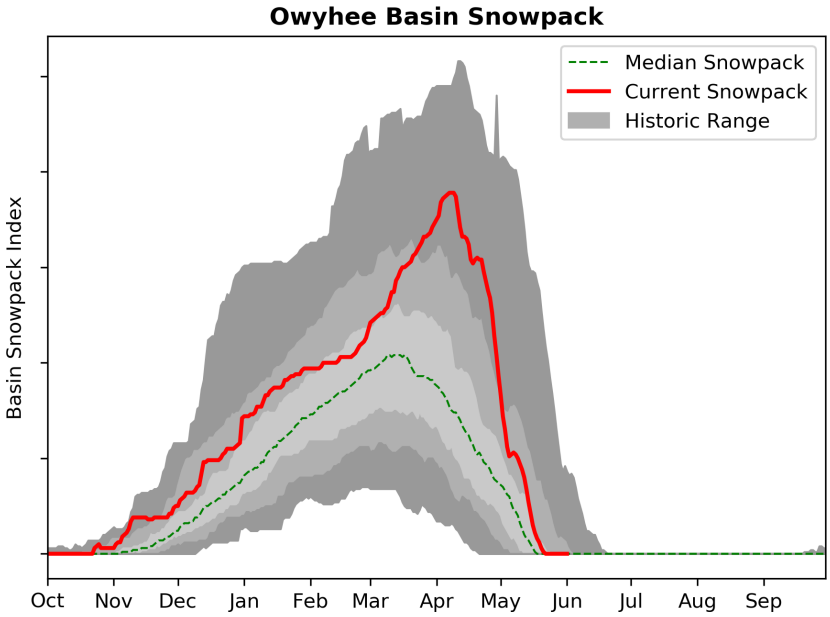




https://www.cpc.ncep.noaa.gov/

Owyhee Basin Summary

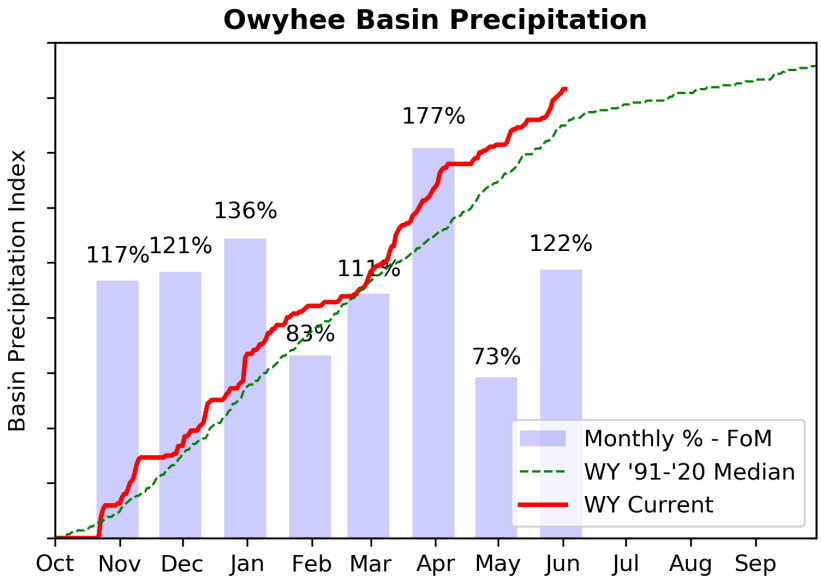
SNOWPACK



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

As of June 1, the basin snowpack has melted out. Last month on May 1 the basin snowpack was 208% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is above normal at 122% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 111% of median.

RESERVOIR STORAGE

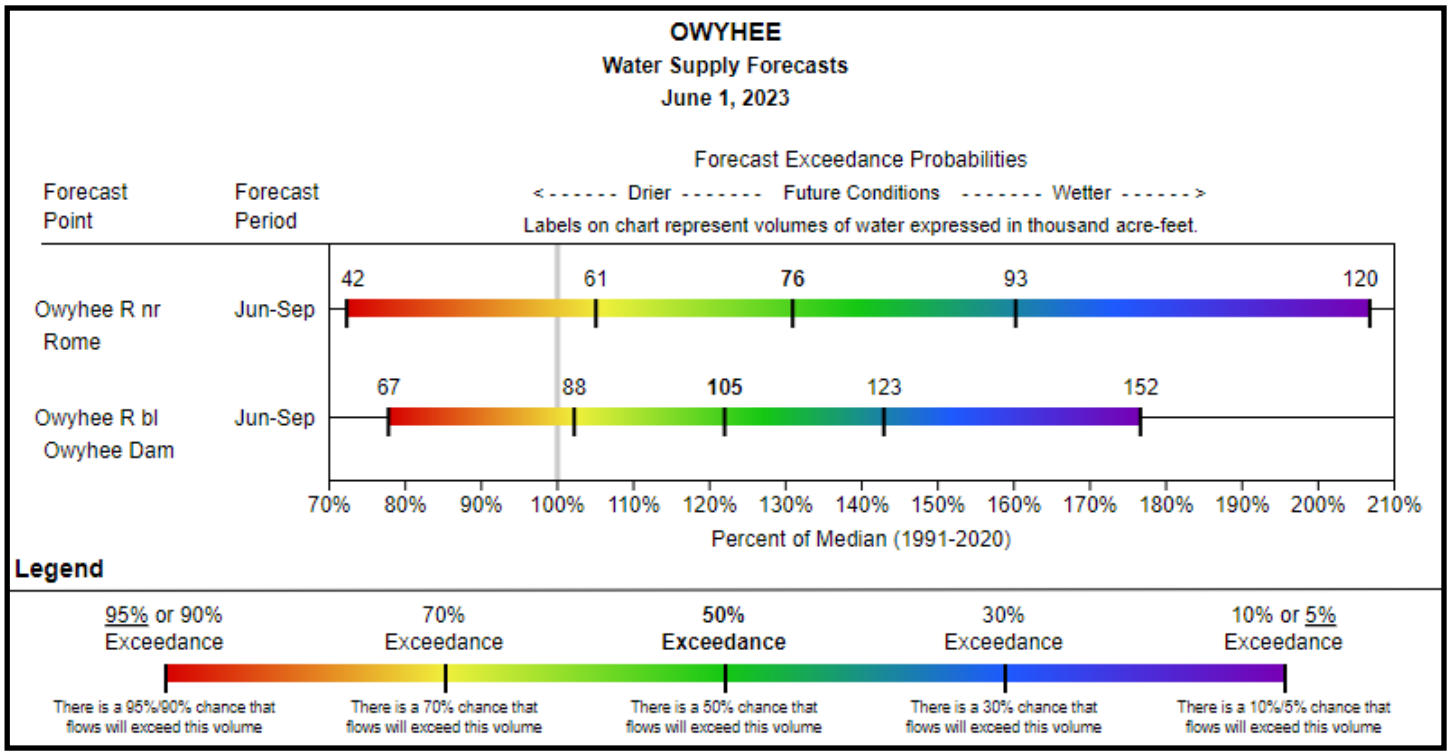
As of June 1, storage at Lake Owyhee Reservoir is 113% of median and 148% of median at Wild Horse Reservoir.

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	71.5	43.3	48.3	71.5	100%	61%	68%	148%	90%
Lake Owyhee	570.1	311.1	502.8	715.0	80%	44%	70%	113%	62%
Basin Index					**82%**	**45%**	**70%**	**116%**	**64%**
# of reservoirs					2	2	2	2	2

STREAMFLOW FORECAST

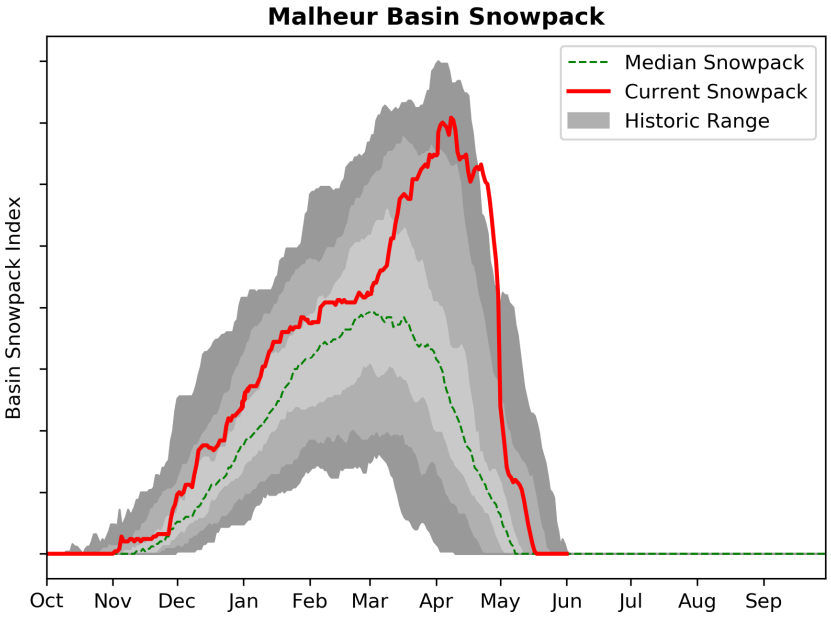
The June through September streamflow forecasts in the basin are above normal and range from 122% to 131% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Malheur Basin Summary

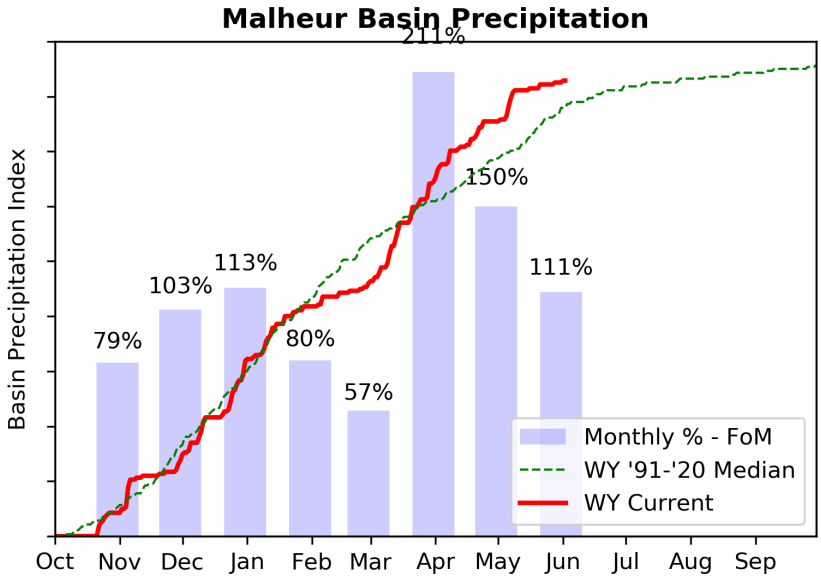
SNOWPACK



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

As of June 1, the basin snowpack has melted out. Last month on May 1 the basin snowpack was 377% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is above normal at 111% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 106% of median.

RESERVOIR STORAGE

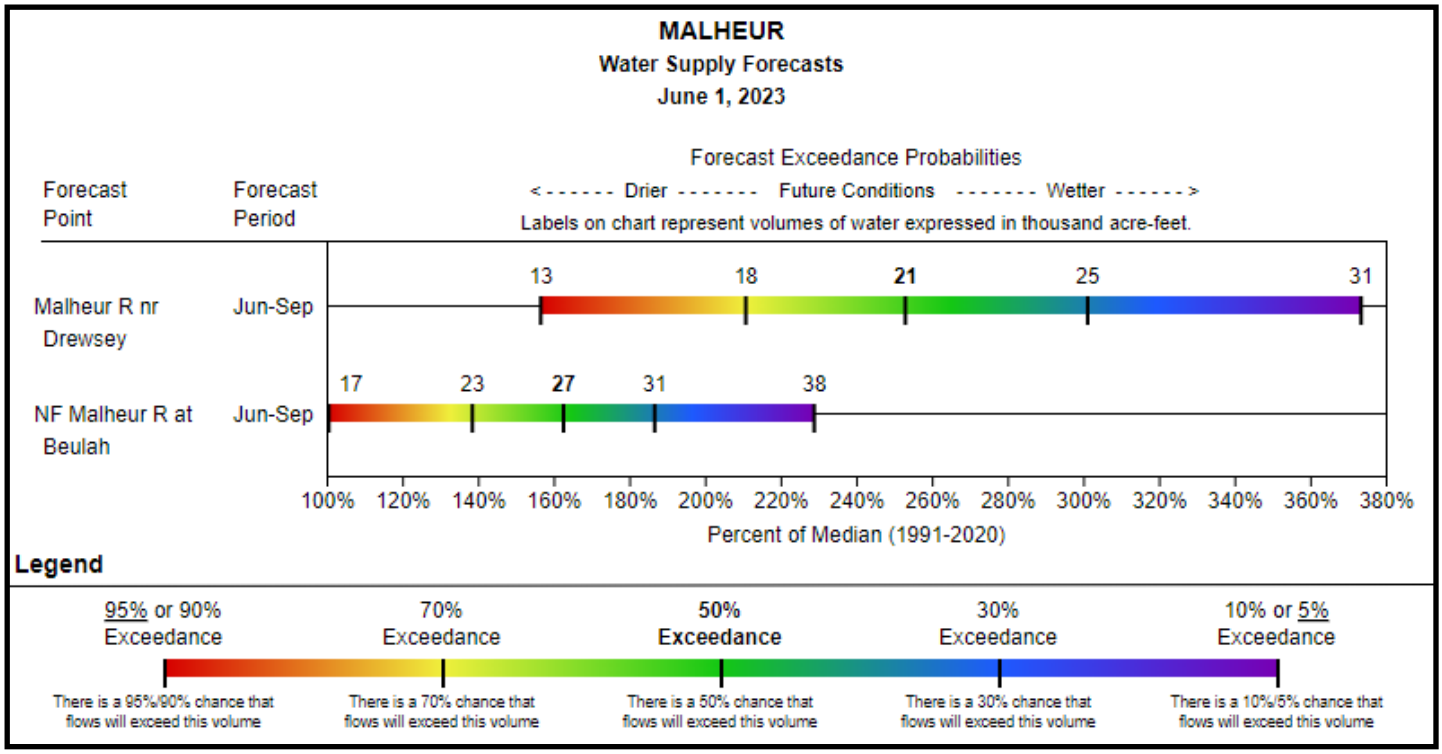
As of June 1, storage ranges from 102% at Bully Creek Reservoir to 163% of median at Warm Springs Reservoir.

Malheur	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Warm Springs	169.3	23.2	104.1	169.6	100%	14%	61%	163%	22%
Bully Creek	23.1	12.5	22.5	23.7	97%	53%	95%	102%	56%
Beulah	57.7	25.7	48.2	59.2	97%	43%	81%	120%	53%
Basin Index					**99%**	**24%**	**69%**	**143%**	**35%**
# of reservoirs					3	3	3	3	3

STREAMFLOW FORECAST

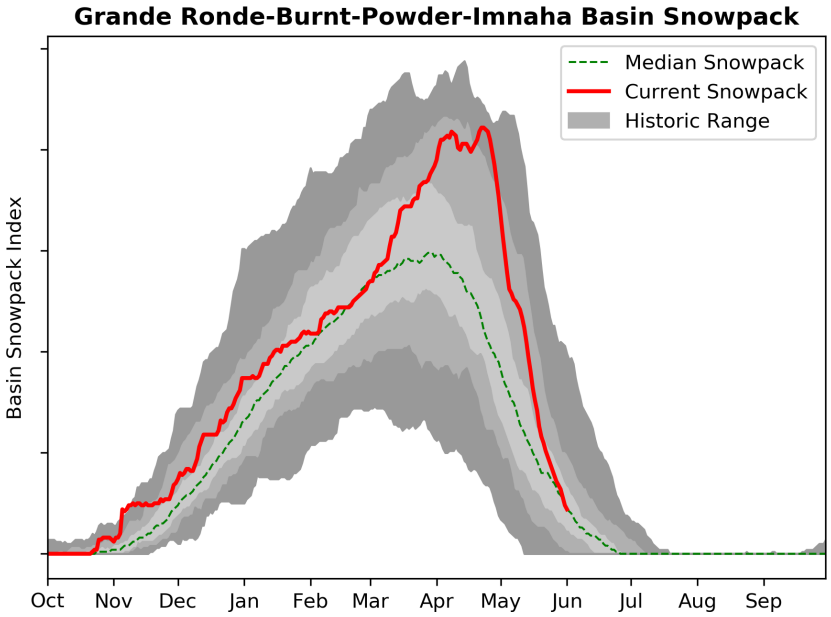
June through September volumetric streamflow forecasts are well-above normal and range from 163% to 253% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Grand Ronde, Burnt, Powder, Imnaha Basin Summary

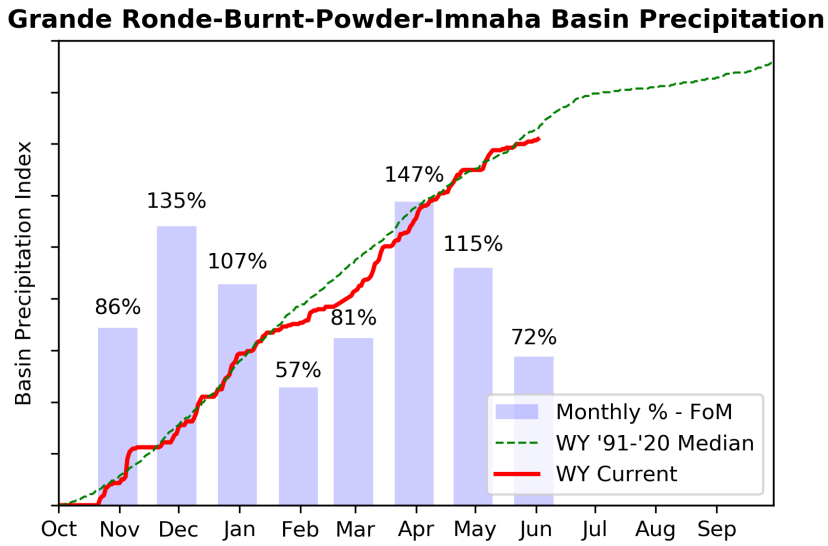
SNOWPACK



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

As of June 1, the basin snowpack has nearly melted out and is at 98% of median. Last month on May 1 the basin snowpack was 158% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is below normal at 72% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 96% of median.

RESERVOIR STORAGE

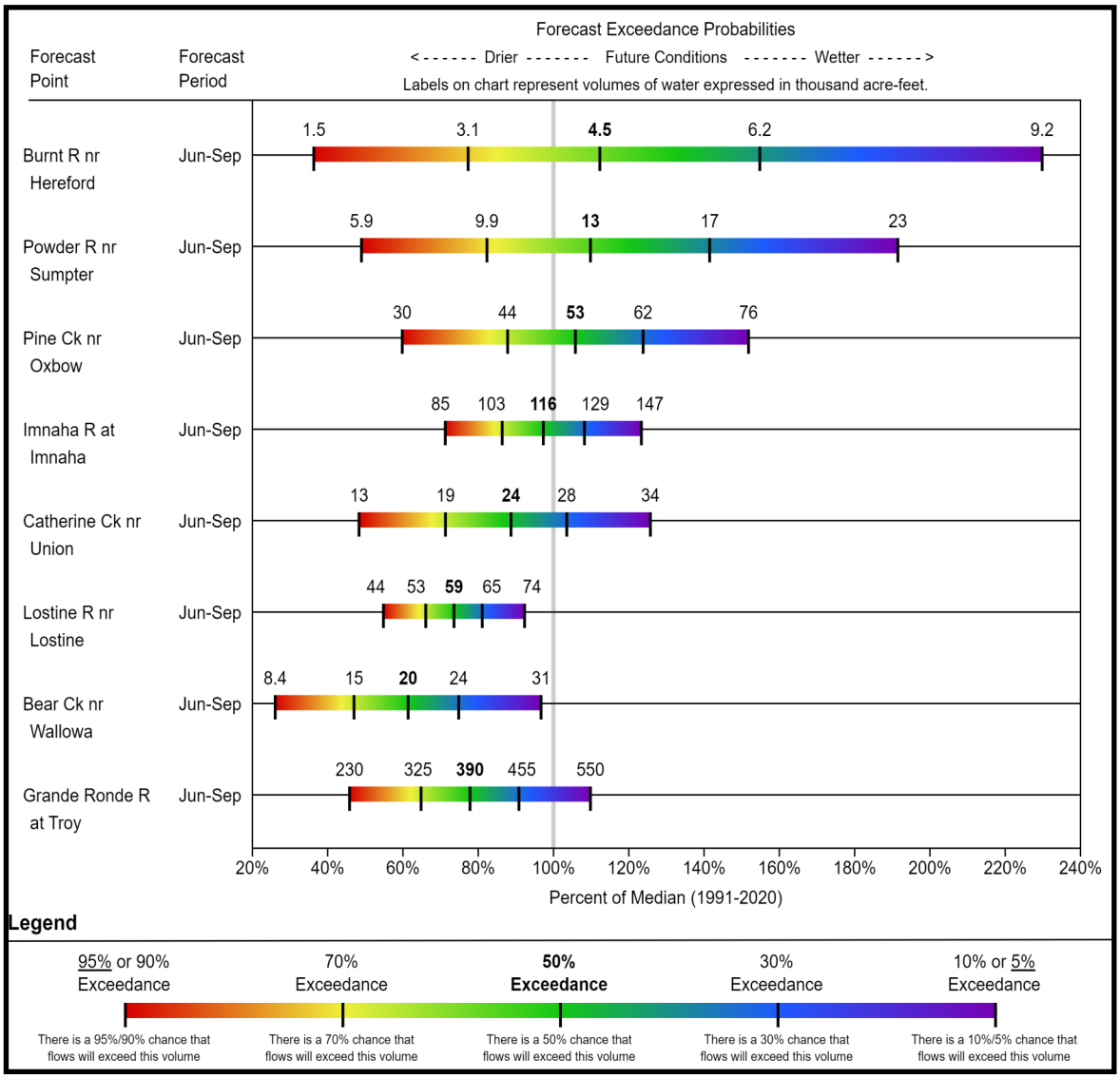
As of June 1, storage at major reservoirs in the basin ranges from 78% of median at Wallowa Lake to 105% of median at Unity Reservoir.

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
Unity	24.6	24.8	23.5	25.5	97%	97%	92%	105%	105%
Phillips Lake	49.8	10.6	49.7	73.5	68%	14%	68%	100%	21%
Thief Valley	13.7	13.5	13.8	13.3	103%	102%	104%	100%	98%
Wolf Creek	11.1	7.5	11.1	11.1	100%	67%	100%	100%	67%
Brownlee Reservoir		1348.3	1386.0	1420.0		95%	98%		97%
Wallowa Lake	21.3	20.6	27.4	37.5	57%	55%	73%	78%	75%
Basin Index					**75%**	**90%**	**96%**	**96%**	**94%**
# of reservoirs					5	6	6	5	6

STREAMFLOW FORECAST

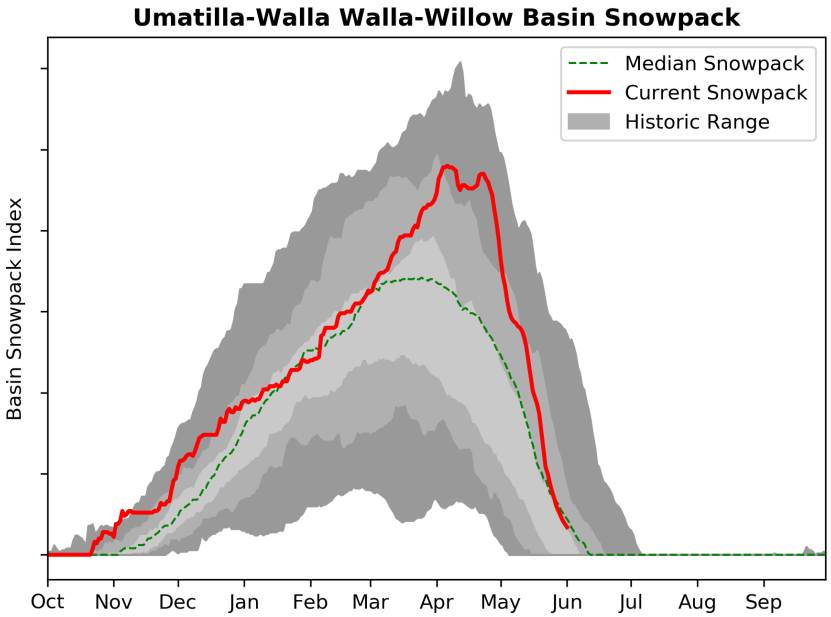
The June through September streamflow forecasts in the basin range from 62% to 112% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Umatilla, Walla Walla, Willow Basin Summary

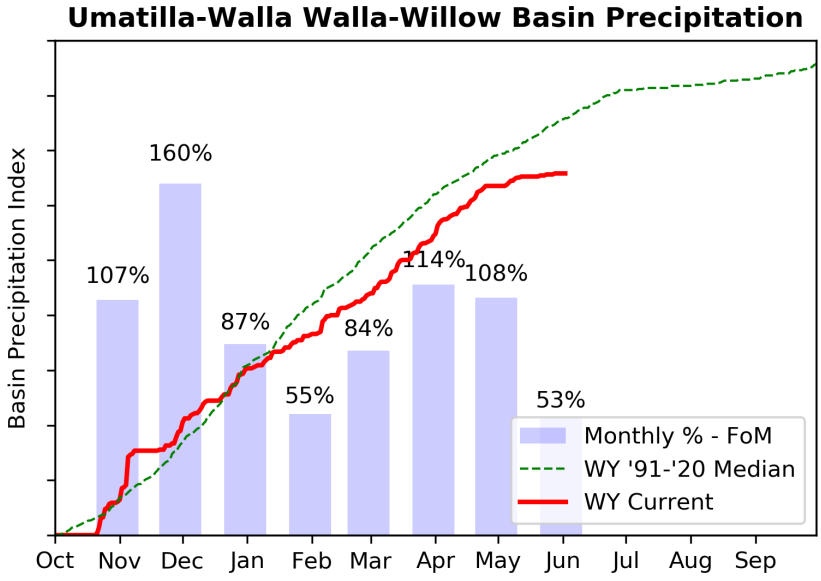
SNOWPACK



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

As of June 1, the basin snowpack has nearly melted out and is at 77% of median. On May 1 the basin snowpack was 157% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is below normal at 53% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 91% of median.

RESERVOIR STORAGE

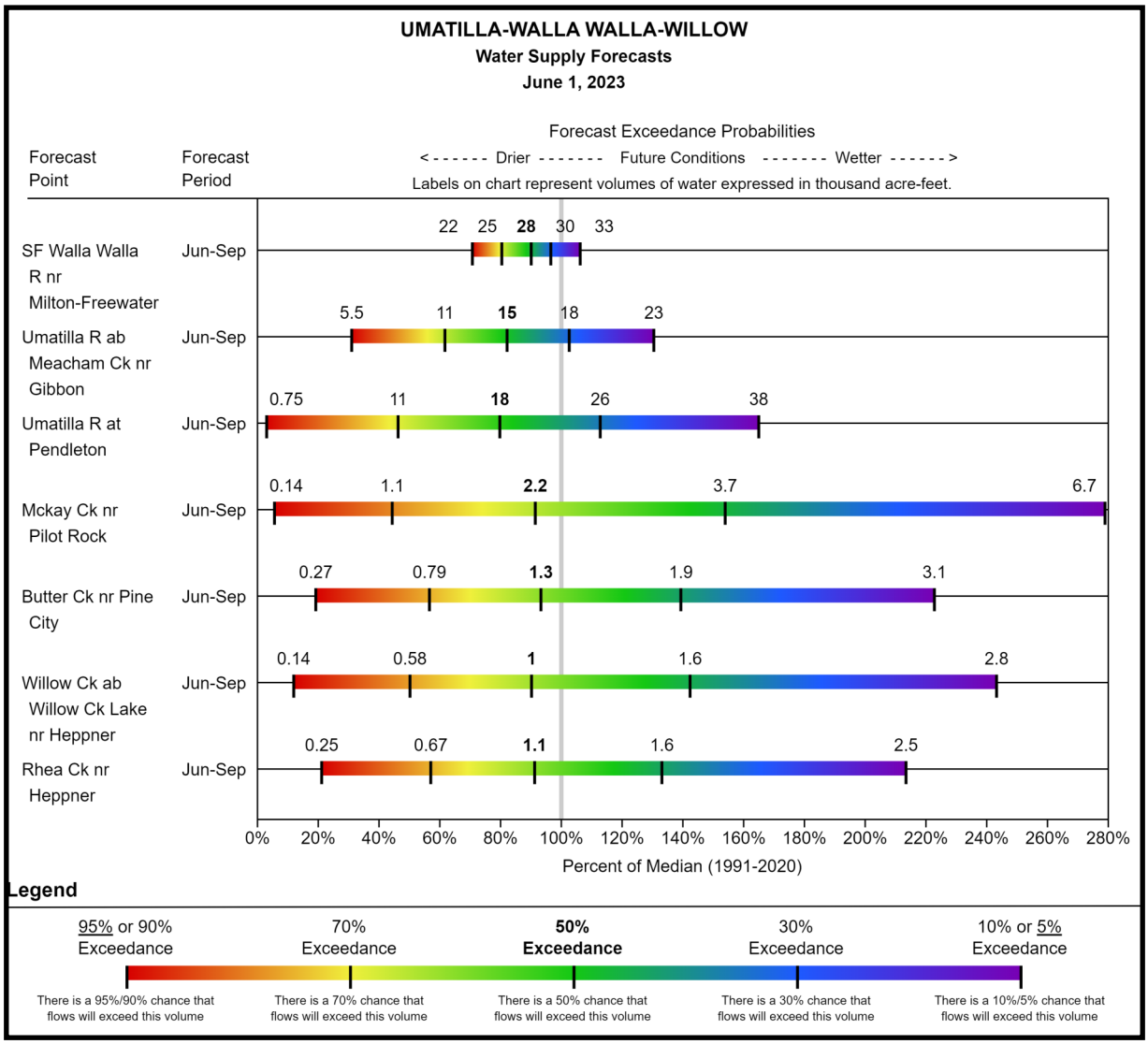
As of June 1, storage at major reservoirs in the basin ranges from 82% of median at Cold Springs Reservoir to 101% of median at McKay Reservoir.

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
Cold Springs	21.7	19.8	26.3	38.6	56%	51%	68%	82%	75%
Mckay	65.1	66.6	64.3	71.5	91%	93%	90%	101%	104%
Willow Creek	6.0	6.6	6.1	9.8	61%	68%	62%	98%	109%
Basin Index					**77%**	**78%**	**81%**	**96%**	**96%**
# of reservoirs					3	3	3	3	3

STREAMFLOW FORECAST

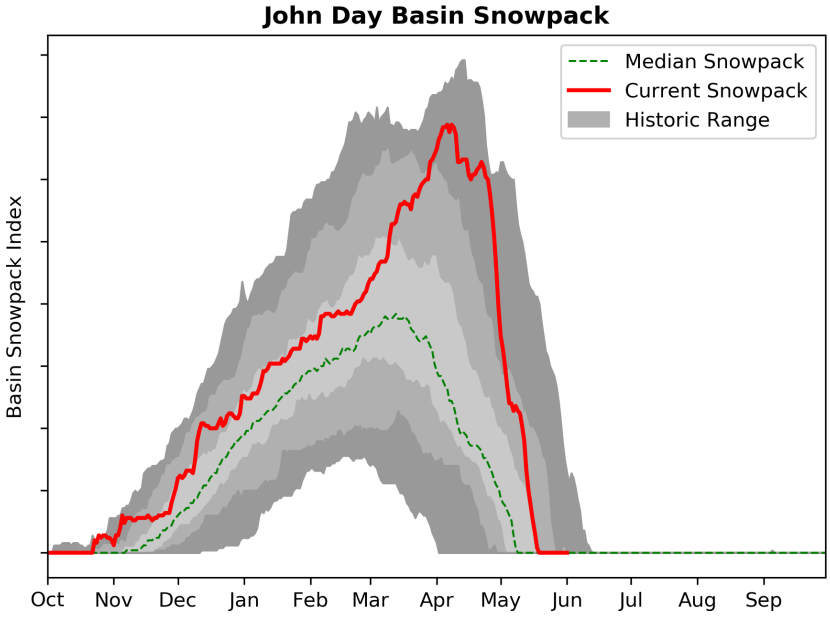
The June through September streamflow forecasts in the basin range from 80% to 94% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



John Day Basin Summary

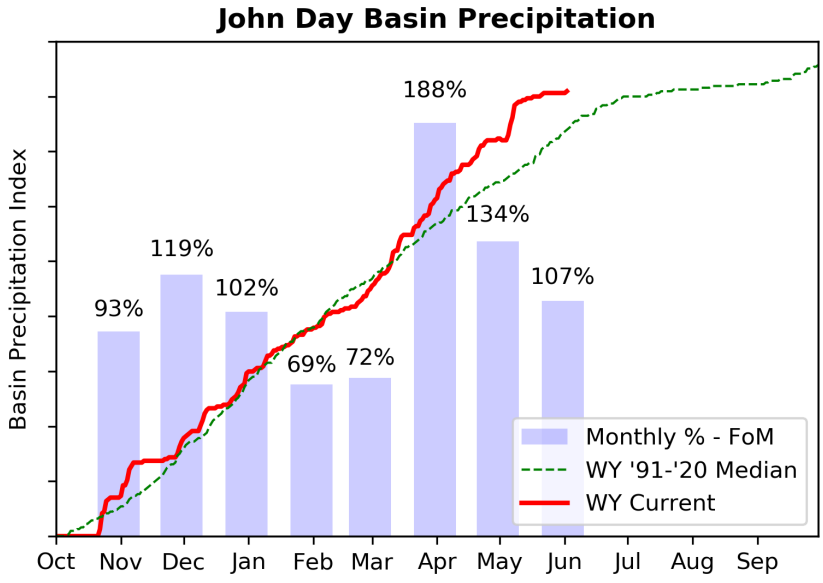
SNOWPACK



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

As of June 1, the basin snowpack has melted out. On May 1 the basin snowpack was 292% of median.

PRECIPITATION



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

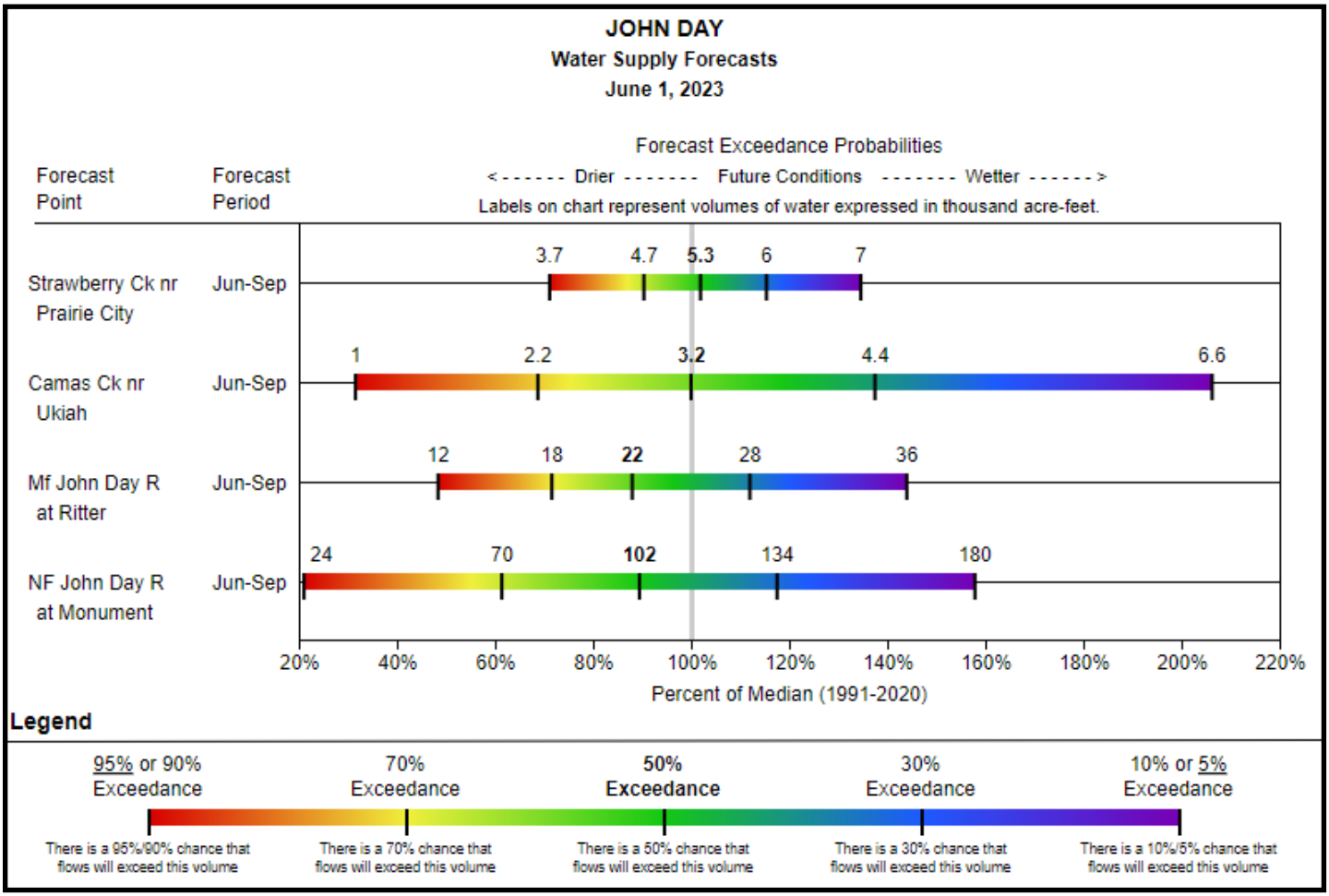
FoM = First of Month

May precipitation is near normal at 107% of median. Precipitation since the beginning of the water year (October 1 - June 1) is also 107% of median.

STREAMFLOW FORECAST

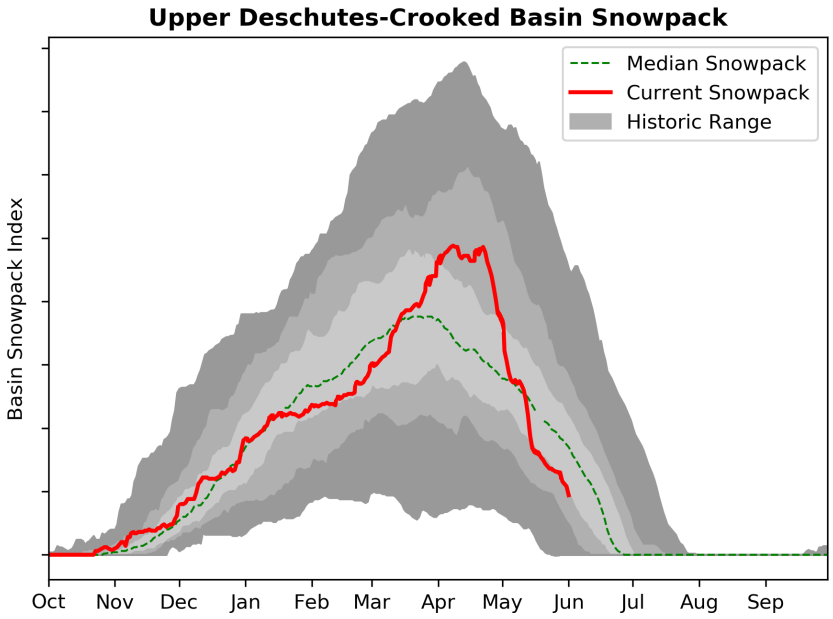
The June through September streamflow forecasts in the basin range from 88% to 102% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Upper Deschutes, Crooked Basin Summary

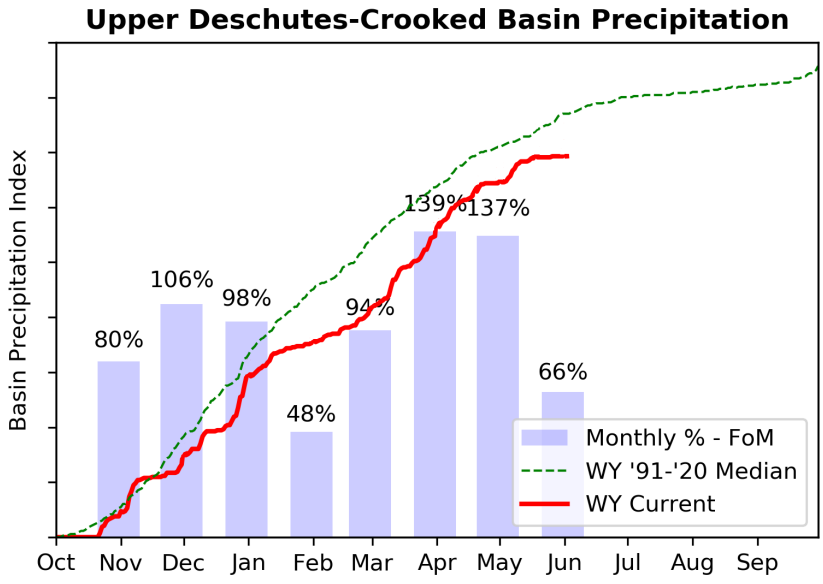
SNOWPACK



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

As of June 1, the basin snowpack is 55% of median. On May 1 the basin snowpack was 158% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is above normal at 66% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 91% of median.

RESERVOIR STORAGE

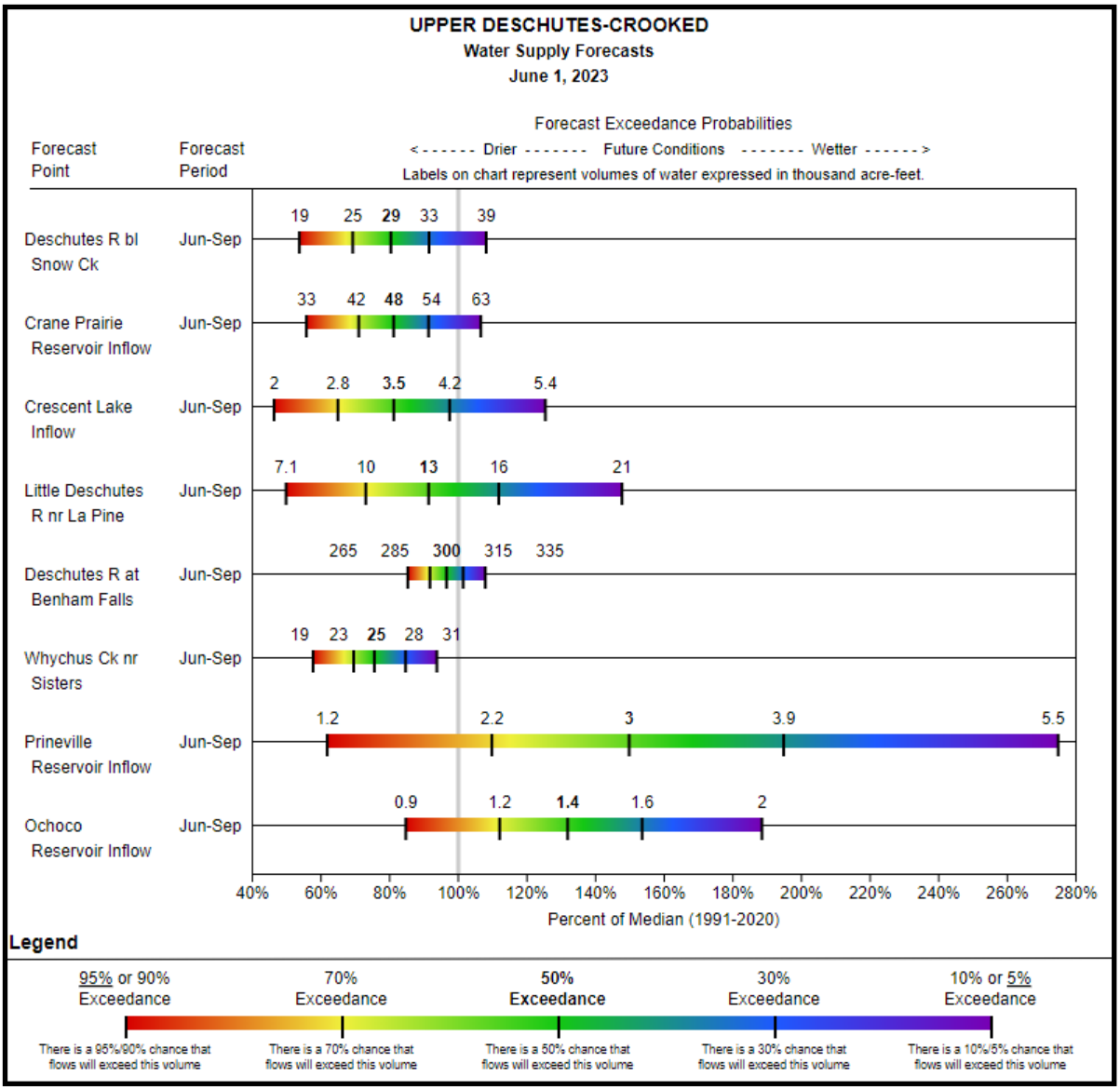
As of June 1, storage at major reservoirs in the basin ranges from 25% of median at Crescent Lake to 104% of median at Crane Prairie and Prineville Reservoirs.

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	15.6	13.2	62.7	86.9	18%	15%	72%	25%	21%
Ochoco	32.3	9.4	36.2	44.2	73%	21%	82%	89%	26%
Crane Prairie	47.7	49.0	46.0	55.3	86%	89%	83%	104%	107%
Prineville	148.4	43.3	143.2	148.6	100%	29%	96%	104%	30%
Wickiup	116.8	79.3	152.8	200.0	58%	40%	76%	76%	52%
Basin Index					**67%**	**36%**	**82%**	**82%**	**44%**
# of reservoirs					5	5	5	5	5

STREAMFLOW FORECAST

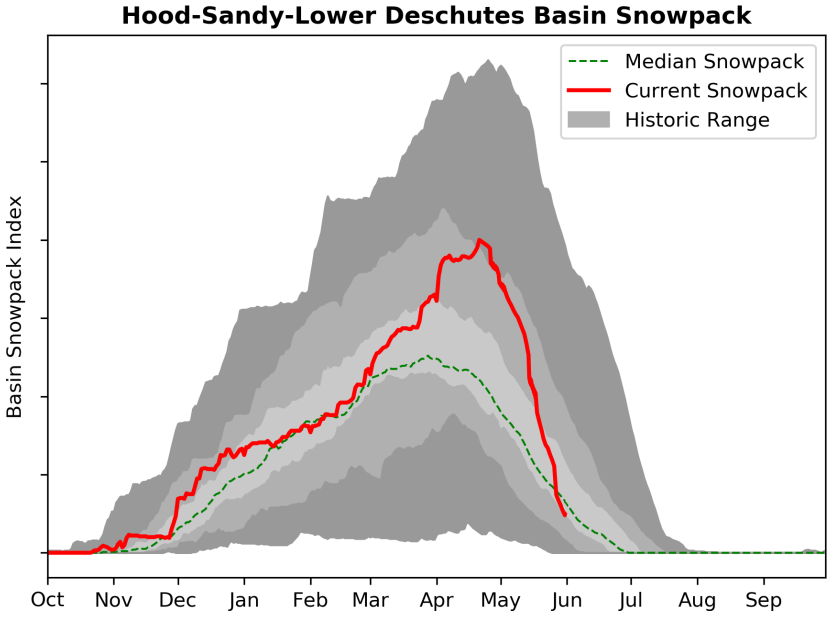
The June through September streamflow forecasts in the basin range from 76% to 150% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Hood, Sandy, Lower Deschutes Basin Summary

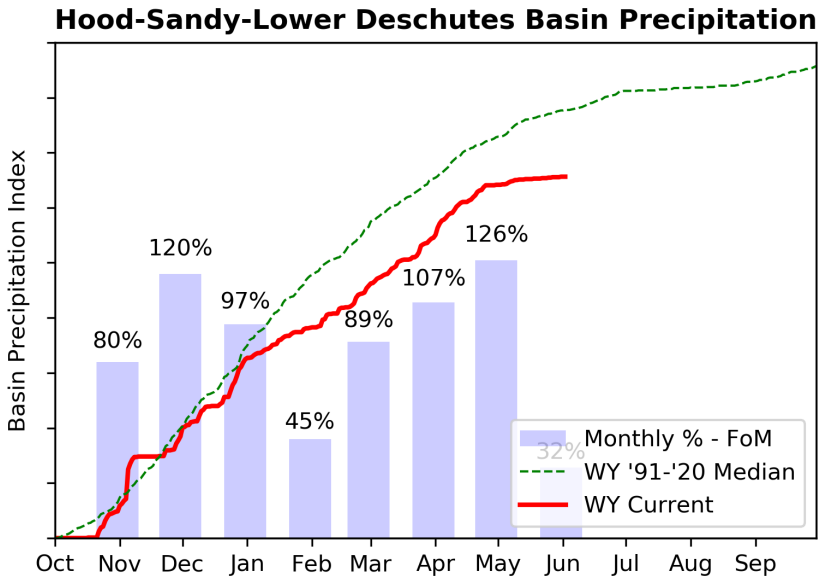
SNOWPACK



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

As of June 1, the basin snowpack is 107% of median and approaching meltout. On May 1 the basin snowpack was 177% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is below normal at 32% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 84% of median.

RESERVOIR STORAGE

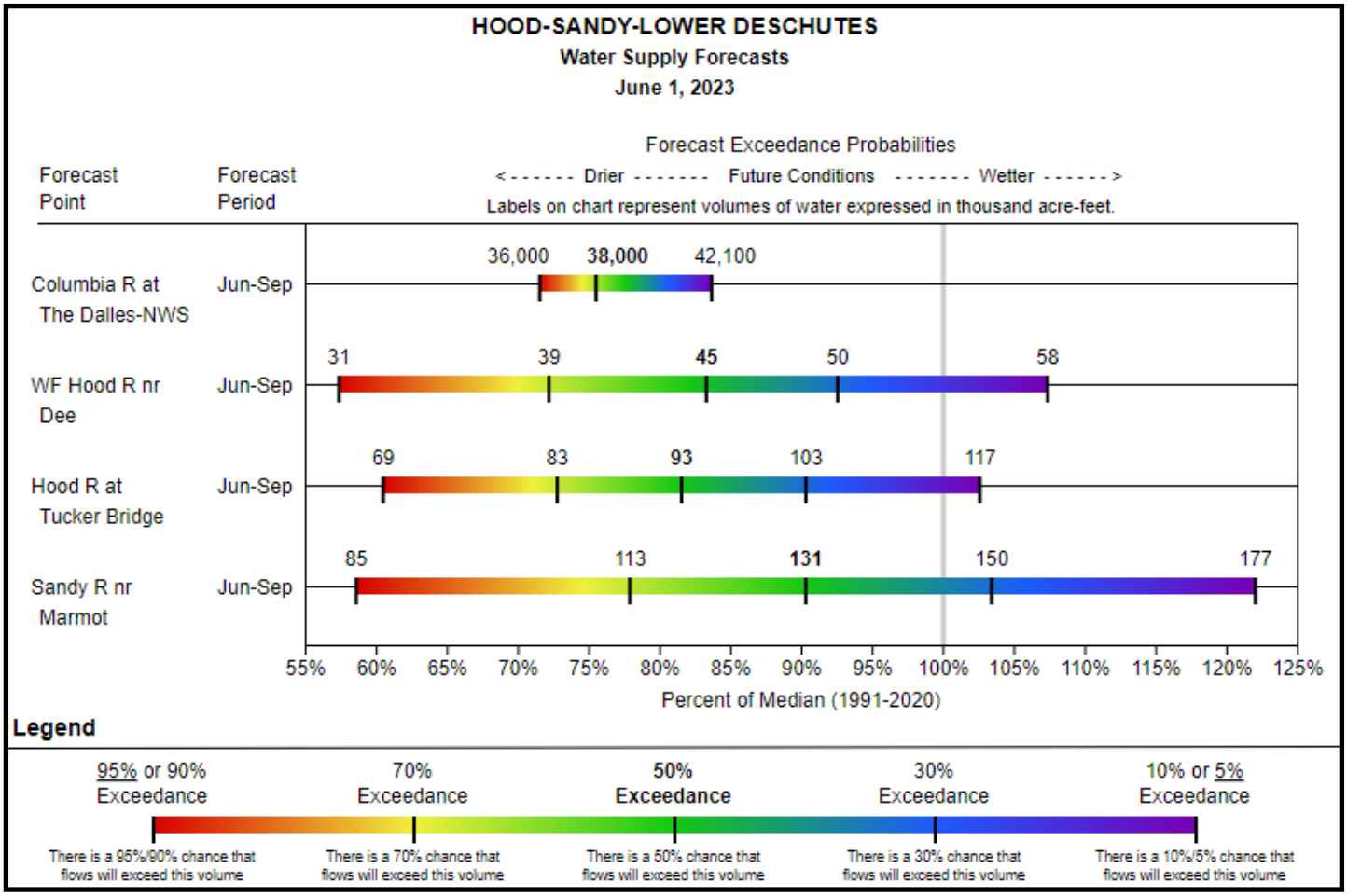
As of June 1, volumetric storage for Clear Lake is below normal at 73% of median.

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	4.5	4.9	6.2	13.1	35%	38%	47%	73%	80%
Basin Index					**35%**	**38%**	**47%**	**73%**	**80%**
# of reservoirs					1	1	1	1	1

STREAMFLOW FORECAST

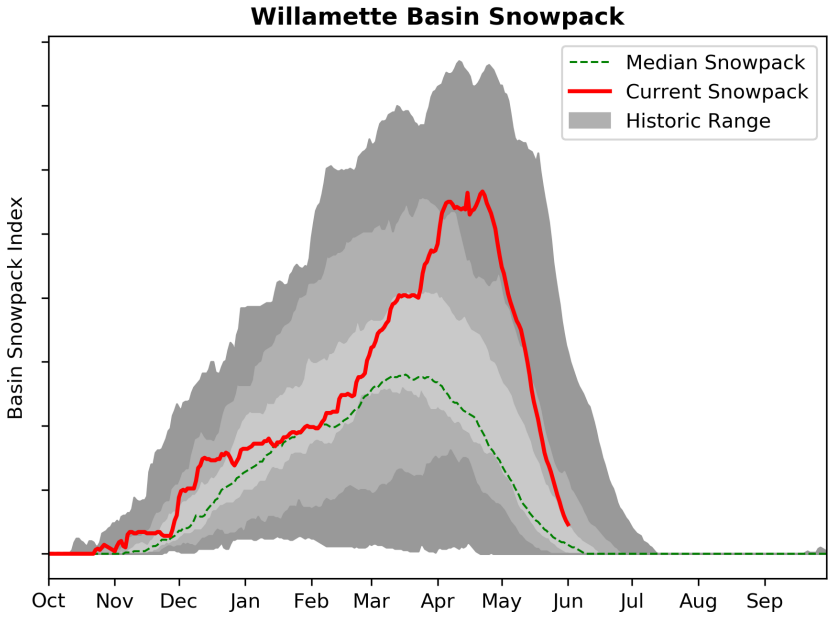
The June through September streamflow forecasts in the basin range from 76% to 90% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Willamette Basin Summary

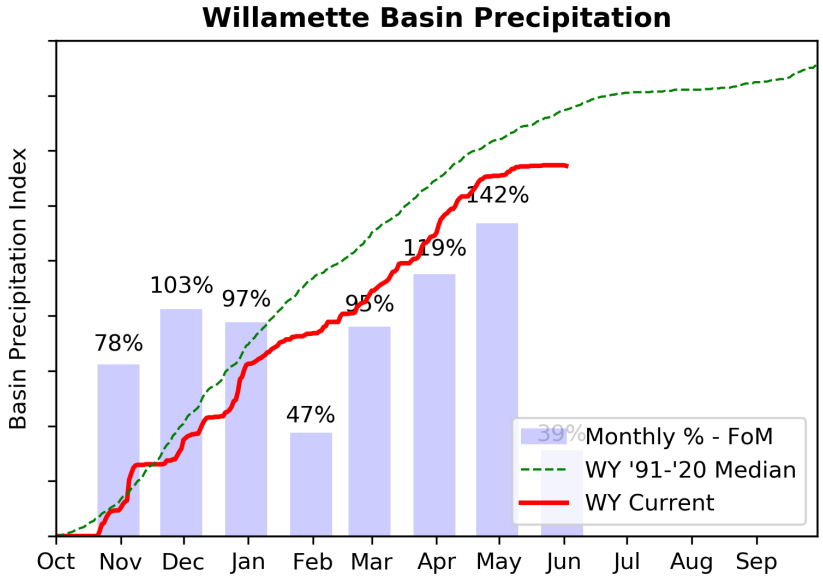
SNOWPACK



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

As of June 1, the basin snowpack is 68% of median and near meltout. On May 1 the basin snowpack was 216% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is below normal at 39% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 87% of median.

RESERVOIR STORAGE

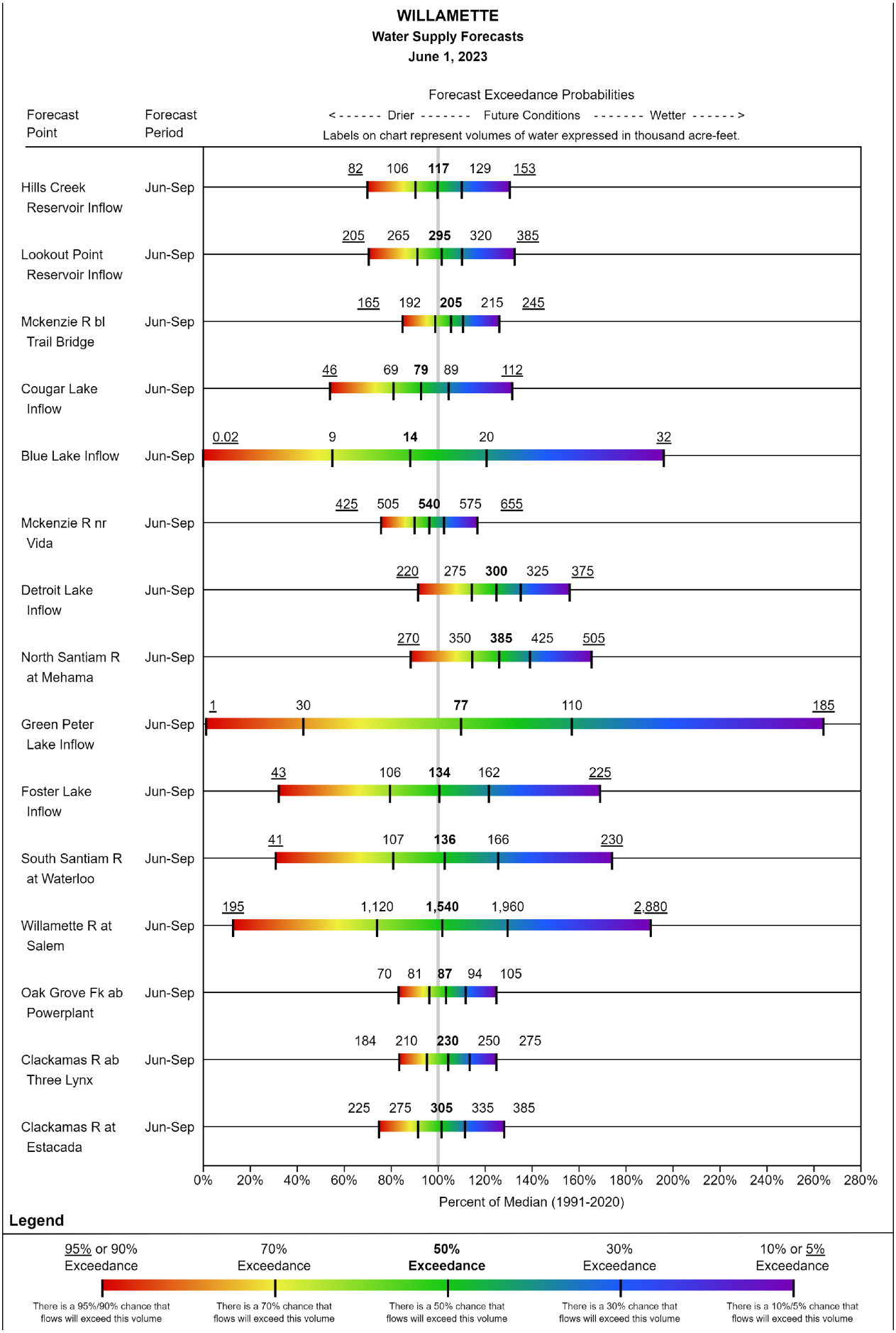
As of June 1, storage at major reservoirs in the basin ranges from 19% of median at Fall Creek Reservoir to 101% of median at Foster Reservoir, Blue River Reservoir, and Timothy Lake.

Willamette	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Green Peter	370.1	403.7	385.8	402.8	92%	100%	96%	96%	105%
Dexter	25.2	25.4	25.5					99%	100%
Foster	46.5	45.7	46.1	46.2	101%	99%	100%	101%	99%
Fall Creek	22.5	109.0	116.4	116.0	19%	94%	100%	19%	94%
Henry Hagg Lake	52.6	53.1	53.3	53.3	99%	100%	100%	99%	100%
Lookout Point	293.1	347.5	388.2	433.2	68%	80%	90%	76%	90%
Hills Creek	212.3	252.7	274.4	279.2	76%	91%	98%	77%	92%
Cougar	86.4	42.0	168.6	174.9	49%	24%	96%	51%	25%
Blue River	82.3	82.3	81.7	82.3	100%	100%	99%	101%	101%
Detroit	403.4	408.2	433.9	426.8	95%	96%	102%	93%	94%
Timothy Lake	63.4	63.5	63.0	63.6	100%	100%	99%	101%	101%
Fern Ridge	96.3	97.5	96.5	97.3	99%	100%	99%	100%	101%
Cottage Grove	28.9	32.0	31.4	31.8	91%	100%	99%	92%	102%
Dorena	69.5	75.6	71.2	72.1	96%	105%	99%	98%	106%
Basin Index					**80%**	**88%**	**97%**	**83%**	**91%**
# of reservoirs					13	13	13	14	14

STREAMFLOW FORECAST

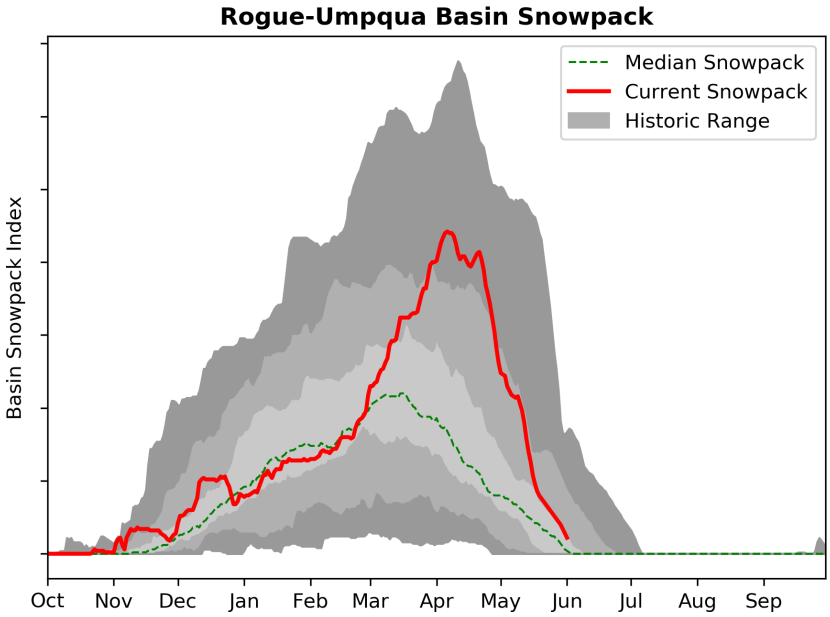
The June through September streamflow forecasts in the basin range from 88% to 126% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.


WILLAMETTE
Water Supply Forecasts
June 1, 2023
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 82 106 117 129 153
Lookout Point Reservoir Inflow Jun-Sep 205 265 295 320 385
Mckenzie R bl Trail Bridge Jun-Sep 165 192 205 215 245
Cougar Lake Inflow Jun-Sep 46 69 79 89 112
Blue Lake Inflow Jun-Sep 0.02 9 14 20 32
Mckenzie R nr Vida Jun-Sep 425 505 540 575 655
Detroit Lake Inflow Jun-Sep 220 275 300 325 375
North Santiam R at Mehama Jun-Sep 270 350 385 425 505
Green Peter Lake Inflow Jun-Sep 1 30 77 110 185
Foster Lake Inflow Jun-Sep 43 106 134 162 225
South Santiam R at Waterloo Jun-Sep 41 107 136 166 230
Willamette R at Salem Jun-Sep 195 1,120 1,540 1,960 2,880
Oak Grove Fk ab Powerplant Jun-Sep 70 81 87 94 105
Clackamas R ab Three Lynx Jun-Sep 184 210 230 250 275
Clackamas R at Estacada Jun-Sep 225 275 305 335 385
0% 20% 40% 60% 80% 100% 120% 140% 160% 180% 200% 220% 240% 260% 280%
Percent of Median (1991-2020)
Legend
95% or 90% Exceedance
There is a 95%/90% chance that flows will exceed this volume
70% Exceedance
There is a 70% chance that flows will exceed this volume
50% Exceedance
There is a 50% chance that flows will exceed this volume
30% Exceedance
There is a 30% chance that flows will exceed this volume
10% or 5% Exceedance
There is a 10%/5% chance that flows will exceed this volume

Rogue, Umpqua Basin Summary

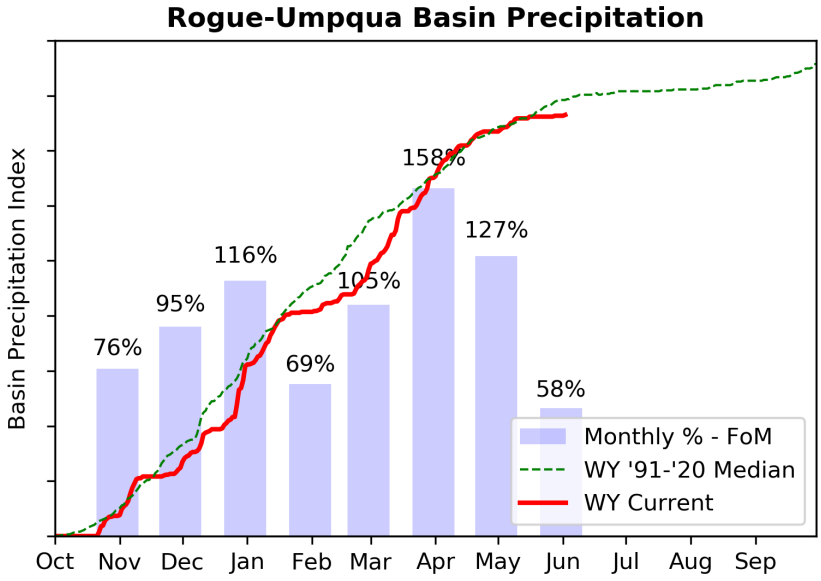
SNOWPACK



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

As of June 1, the basin snowpack is 166% of median and near meltout. Last month on May 1 the basin snowpack was 175% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is below normal at 58% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 96% of median.

RESERVOIR STORAGE

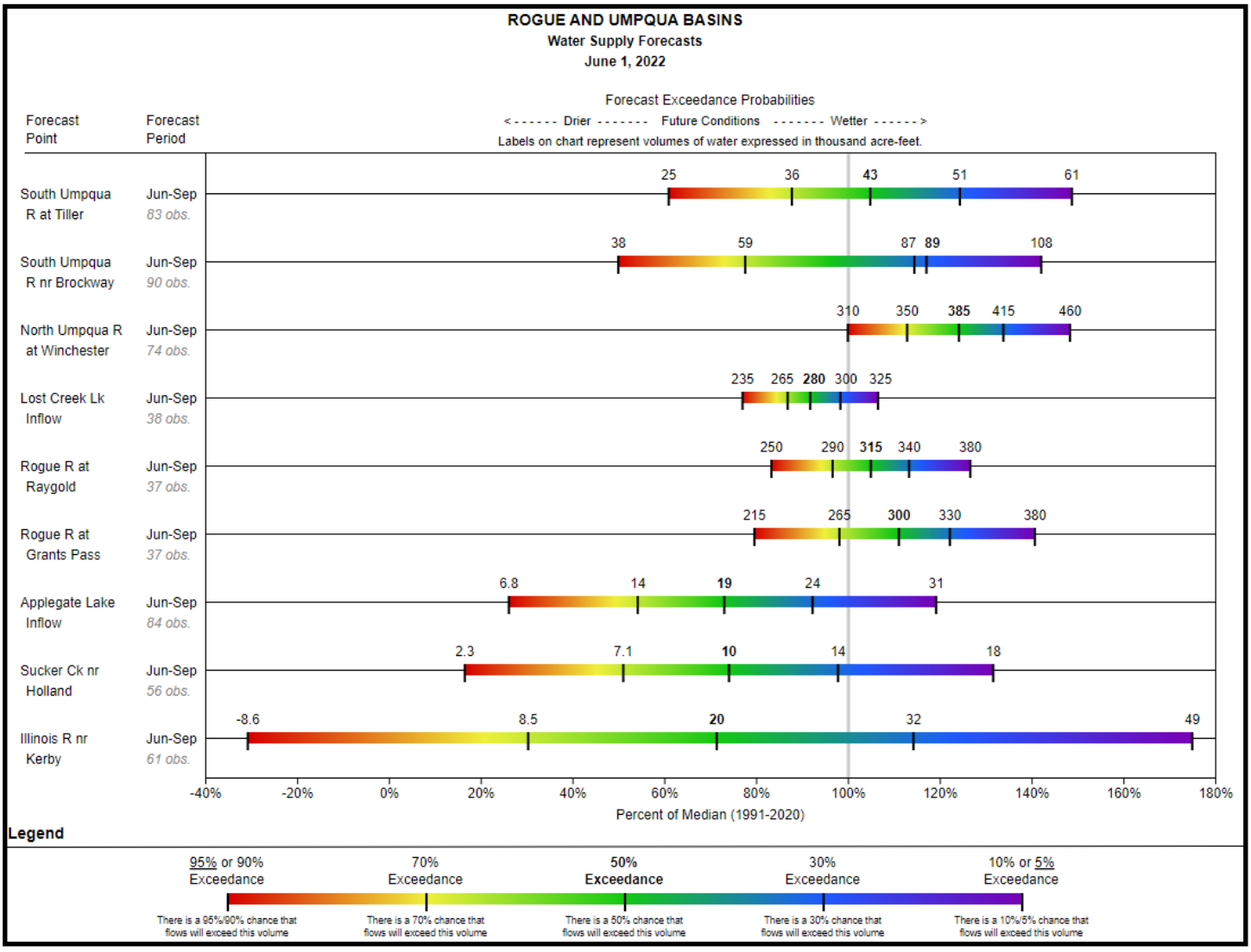
As of June 1, storage at major reservoirs in the basin ranges from 74% of median at Emigrant Lake to 95% of median at Lost Creek Reservoir.

Rogue-Umpqua	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Emigrant Lake	28.0	12.9	37.8	39.0	72%	33%	97%	74%	34%
Fish Lake	4.7	3.6	5.9	7.9	59%	46%	75%	80%	62%
Applegate	64.6	60.4	68.6	75.2	86%	80%	91%	94%	88%
Lost Creek	287.5	297.9	302.7	315.0	91%	95%	96%	95%	98%
Basin Index					**88%**	**86%**	**95%**	**93%**	**90%**
# of reservoirs					4	4	4	4	4

STREAMFLOW FORECAST

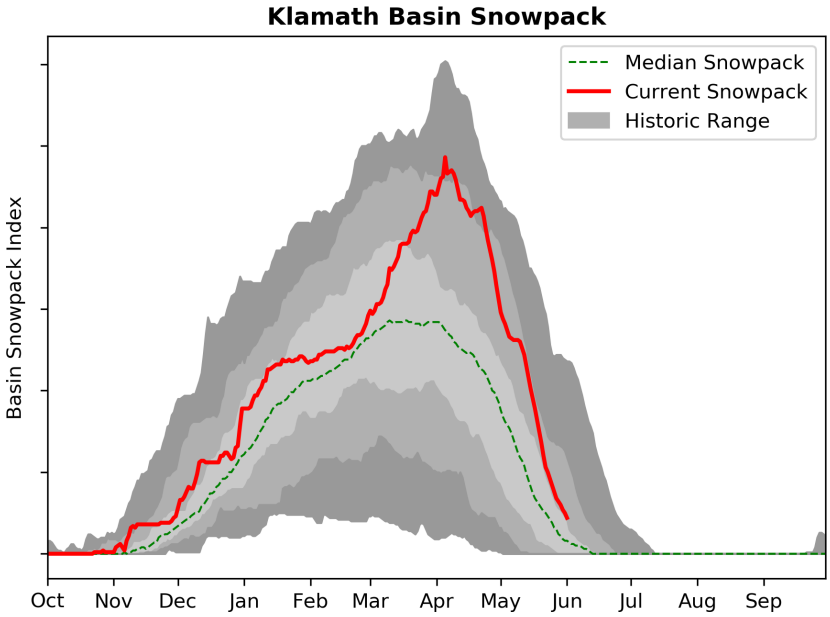
The June through September streamflow forecasts in the basin range from 100% to 162% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Klamath Basin Summary

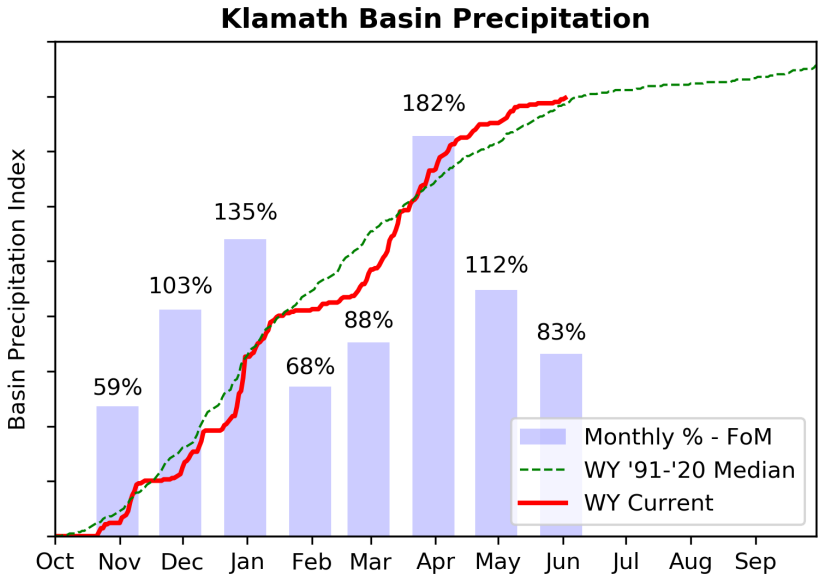
SNOWPACK



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

As of June 1, the basin snowpack is 292% of median and approaching meltout. Last month on May 1 the basin snowpack was 178% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is above normal at 83% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 101% of median.

RESERVOIR STORAGE

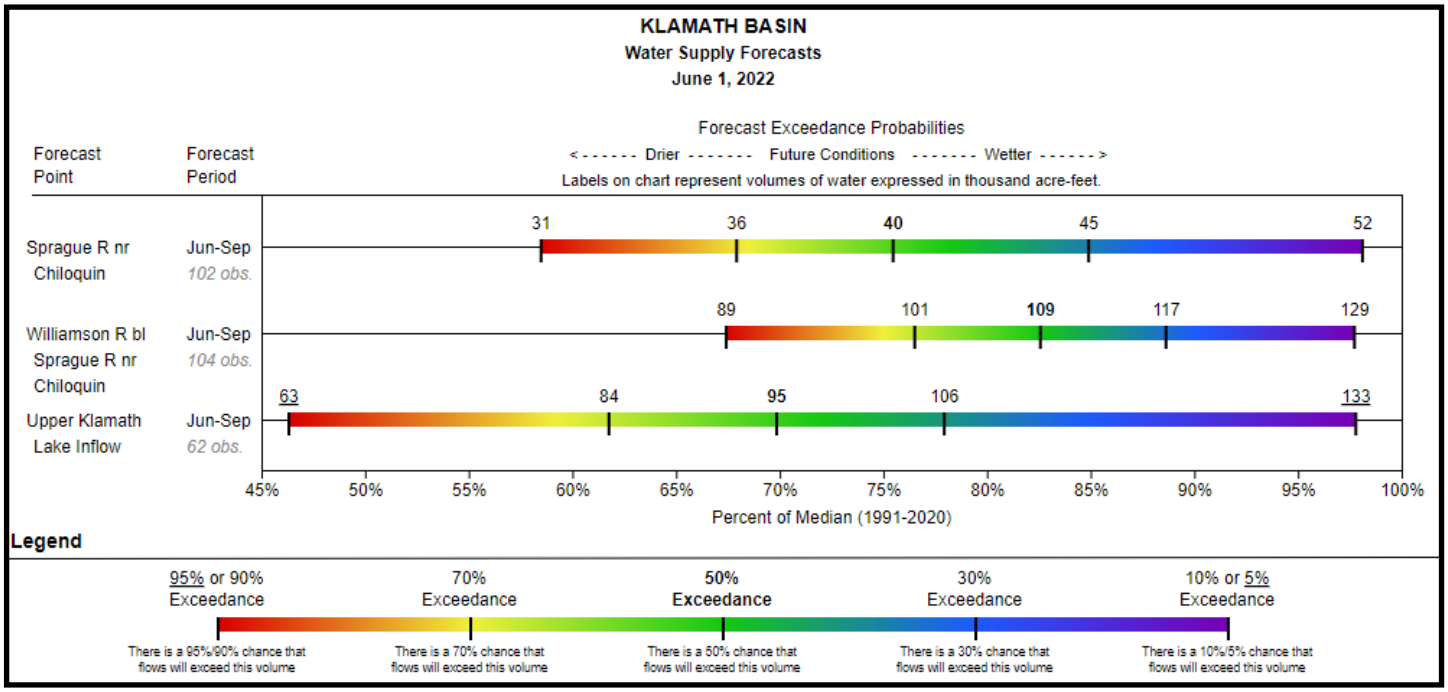
As of June 1, storage at major reservoirs in the basin ranges from 64% of median at Howard Prairie Reservoir to 106% of median at Upper Klamath Lake.

Klamath	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Gerber	45.8	12.4	60.5	94.3	49%	13%	64%	76%	20%
Clear Lake	131.6	59.9	163.4	513.3	26%	12%	32%	81%	37%
Howard Prairie	31.4	9.5	48.7	62.1	51%	15%	78%	64%	20%
Upper Klamath Lake	472.9	334.0	445.8	523.7	90%	64%	85%	106%	75%
Fourmile Lake	9.2	6.0	10.5	15.6	59%	38%	67%	88%	57%
Hyatt Prairie	9.6	2.2	13.5	16.2	59%	14%	83%	71%	16%
Basin Index					**57%**	**35%**	**61%**	**94%**	**57%**
# of reservoirs					6	6	6	6	6

STREAMFLOW FORECAST

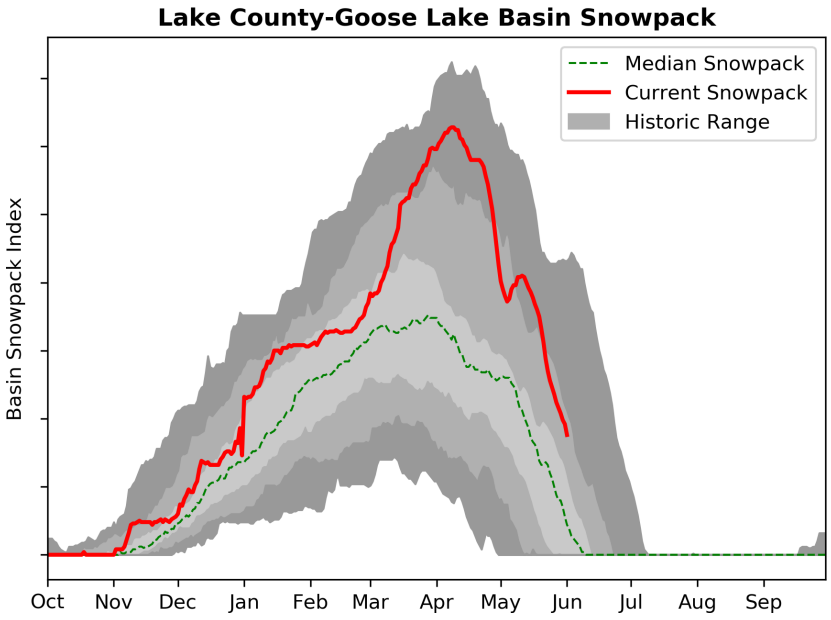
The June through September streamflow forecasts in the basin range from 123% to 158% of median. Note that by prior mutual agreement with USBR, late-season forecasts are not issued for Clear Lake and Gerber Reservoirs.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Lake County, Goose Lake Basin Summary

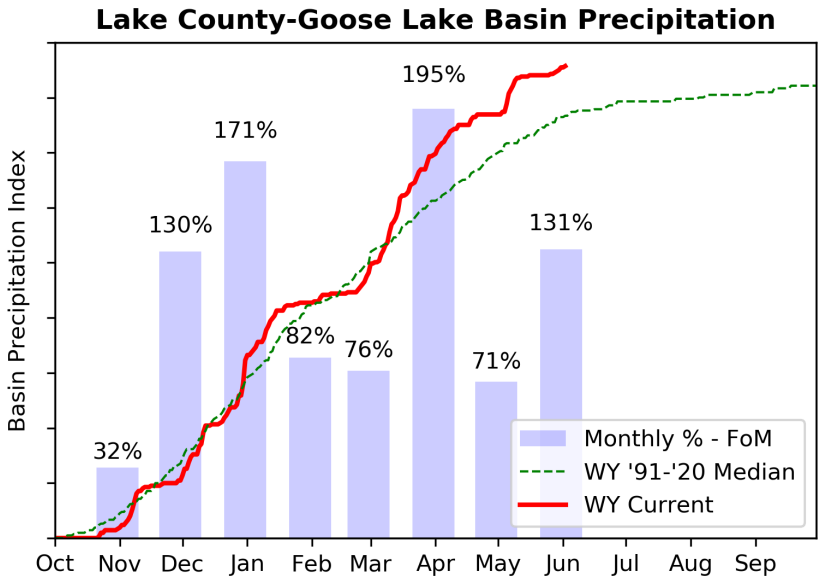
SNOWPACK



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

As of June 1, the basin snowpack is 389% of median. Last month on May 1 the basin snowpack was 147% of median.

PRECIPITATION



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

FoM = First of Month

May precipitation is above normal at 131% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 109% of median.

RESERVOIR STORAGE

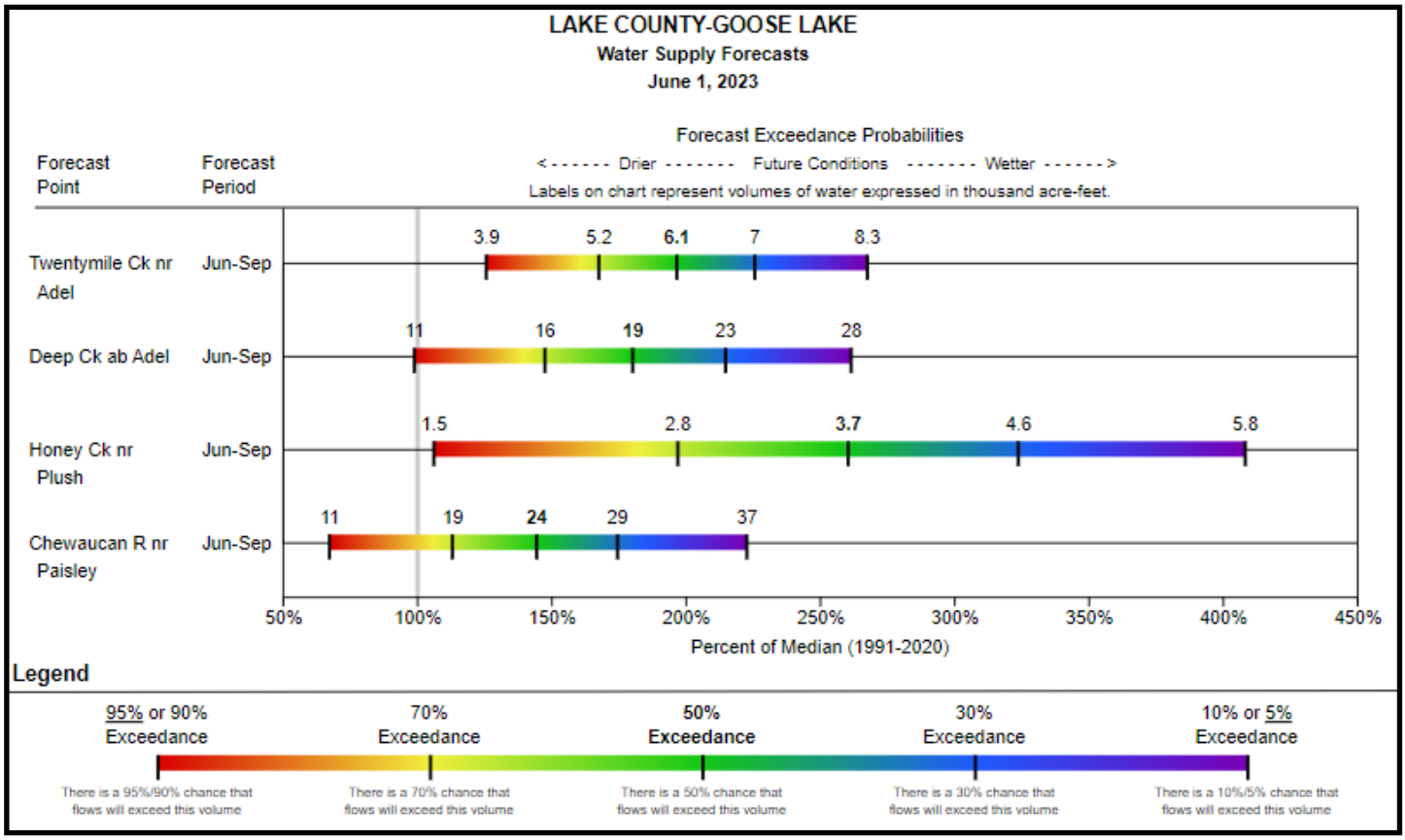
As of June 1, storage at major reservoirs in the basin ranges from 108% of median at Cottonwood Reservoir to 111% of median at Drews Reservoir.

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	8.9	3.2	8.2	9.3	96%	34%	88%	108%	39%
Drews	51.0	14.8	45.9	63.5	80%	23%	72%	111%	32%
Basin Index					**82%**	**25%**	**74%**	**111%**	**33%**
# of reservoirs					2	2	2	2	2

STREAMFLOW FORECAST

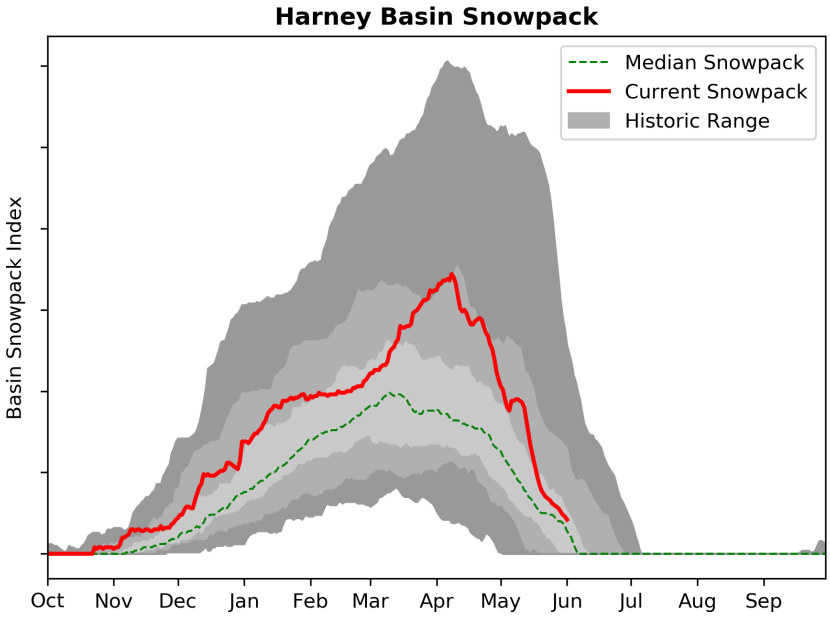
The June through September streamflow forecasts in the basin are well above normal and range from 145% to 261%.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Harney Basin Summary

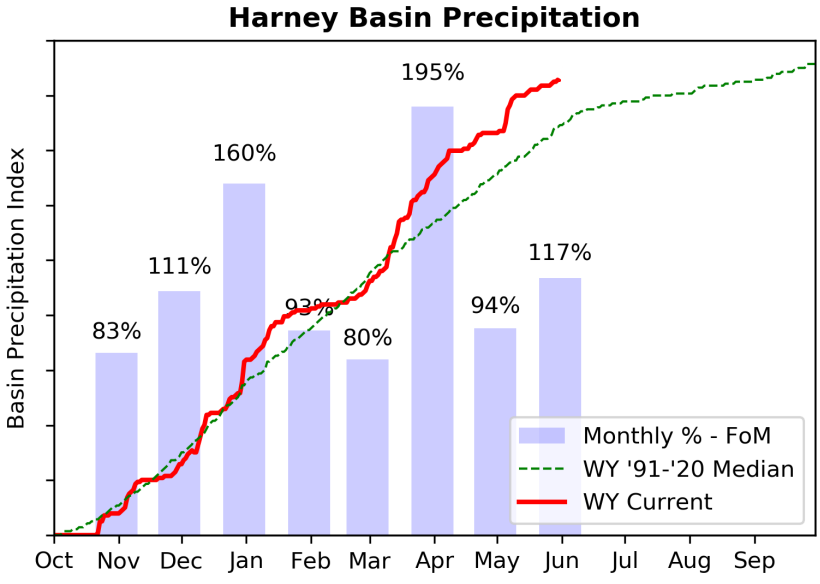
SNOWPACK



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

As of June 1, the basin snowpack is 260% of median. Last month on May 1 the basin snowpack was 195% of median.

PRECIPITATION



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

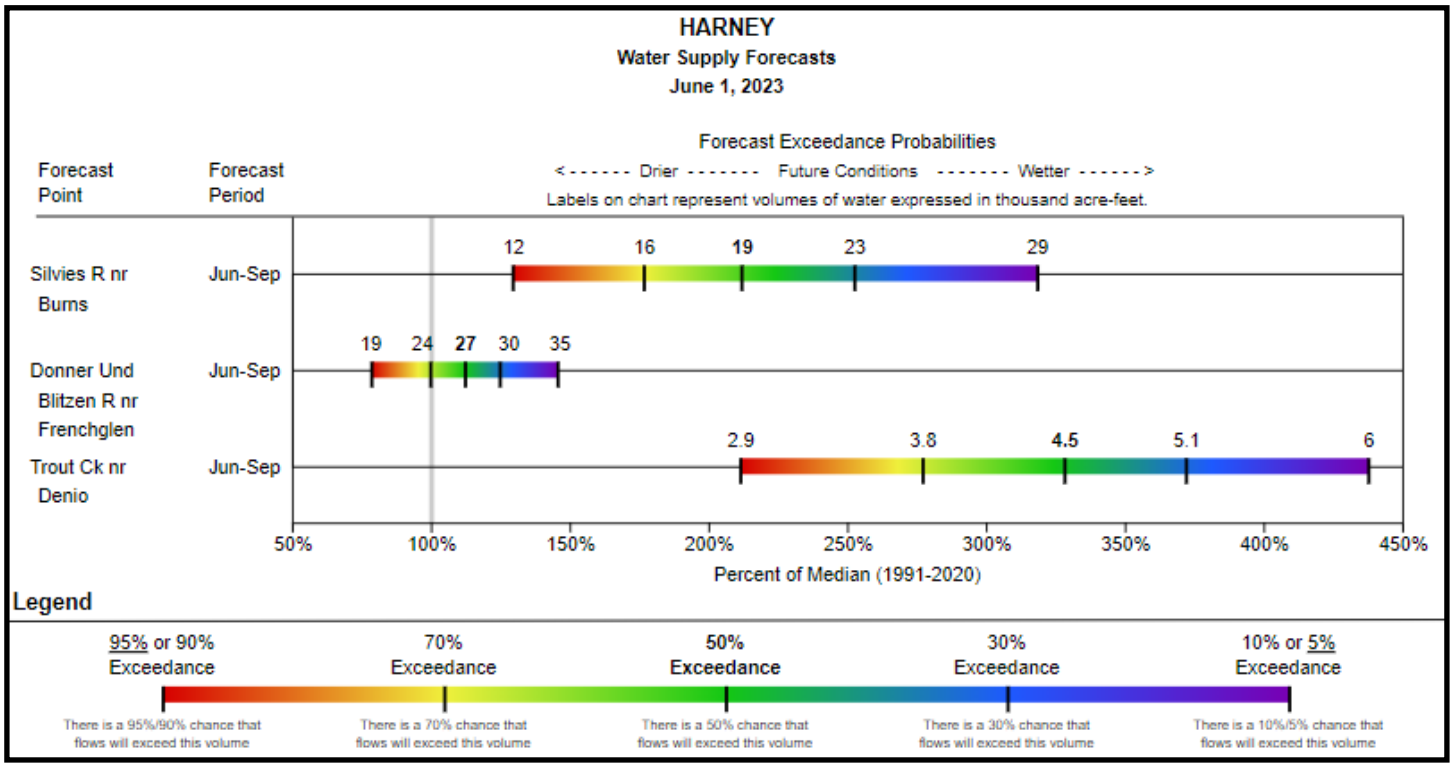
FoM = First of Month

May precipitation is slightly below normal at 117% of median. Precipitation since the beginning of the water year (October 1 - June 1) is 115% of median.

STREAMFLOW FORECAST

The June through September streamflow forecasts in the basin are above normal and range from 112% to 328% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports **here**.



Additional Resources

Interpreting Water Supply Forecast Charts

Water Supply Forecasting

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For more water supply and resource management information, contact:

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