

Oregon Water Supply Outlook Report

March 1, 2023



Julianne Robinson and Andrew Neary, NRCS Redmond, prepare a snow core sample at the New Dutchman snow course. Snowpack at the site is 83% of median as of March 1st.

Photo taken by Anna Burton, NRCS Engineer (February 23, 2023)

Contents

| | |
|--|-----------|
| Conditions Overview | 3 |
| Owyhee Basin | 10 |
| Malheur Basin..... | 12 |
| Grande Ronde, Powder, Burnt and Imnaha Basins | 14 |
| Umatilla, Walla Walla, and Willow Basins | 17 |
| John Day Basin | 20 |
| Upper Deschutes and Crooked Basins | 22 |
| Hood, Sandy, and Lower Deschutes Basins | 25 |
| Willamette Basin | 27 |
| Rogue and Umpqua Basins | 30 |
| Klamath Basin | 33 |
| Lake County and Goose Lake | 36 |
| Harney Basin | 38 |
| Resources..... | 40 |

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Conditions Overview

Summary

Climate conditions in February show a growing contrast between snowpack and water-year precipitation across much of the state. Snowpack is generally near normal, with southeastern basins moderately above normal. In contrast, water-year precipitation is generally below normal except in southeastern Oregon where basins are near to slightly above normal. This contrast, notable along the Cascades and in north-eastern Oregon, is partly attributed to a relatively dry January in these areas and colder-than-normal temperatures starting early in November and persisting through February such that most precipitation has fallen and is remaining as snow. This is also contributing to well-below normal streamflow across much of the state as of March 1. Streamflow forecasts for March 1 remain relatively stable since February 1, with notably moderate declines in the Upper Deschutes Basin and the Middle Snake-Powder Basin.

With the historic peak of snow accumulation occurring between mid-March and early April, this month leading into early April will impact both late spring/summer water supplies and potential drought conditions in 2023.

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

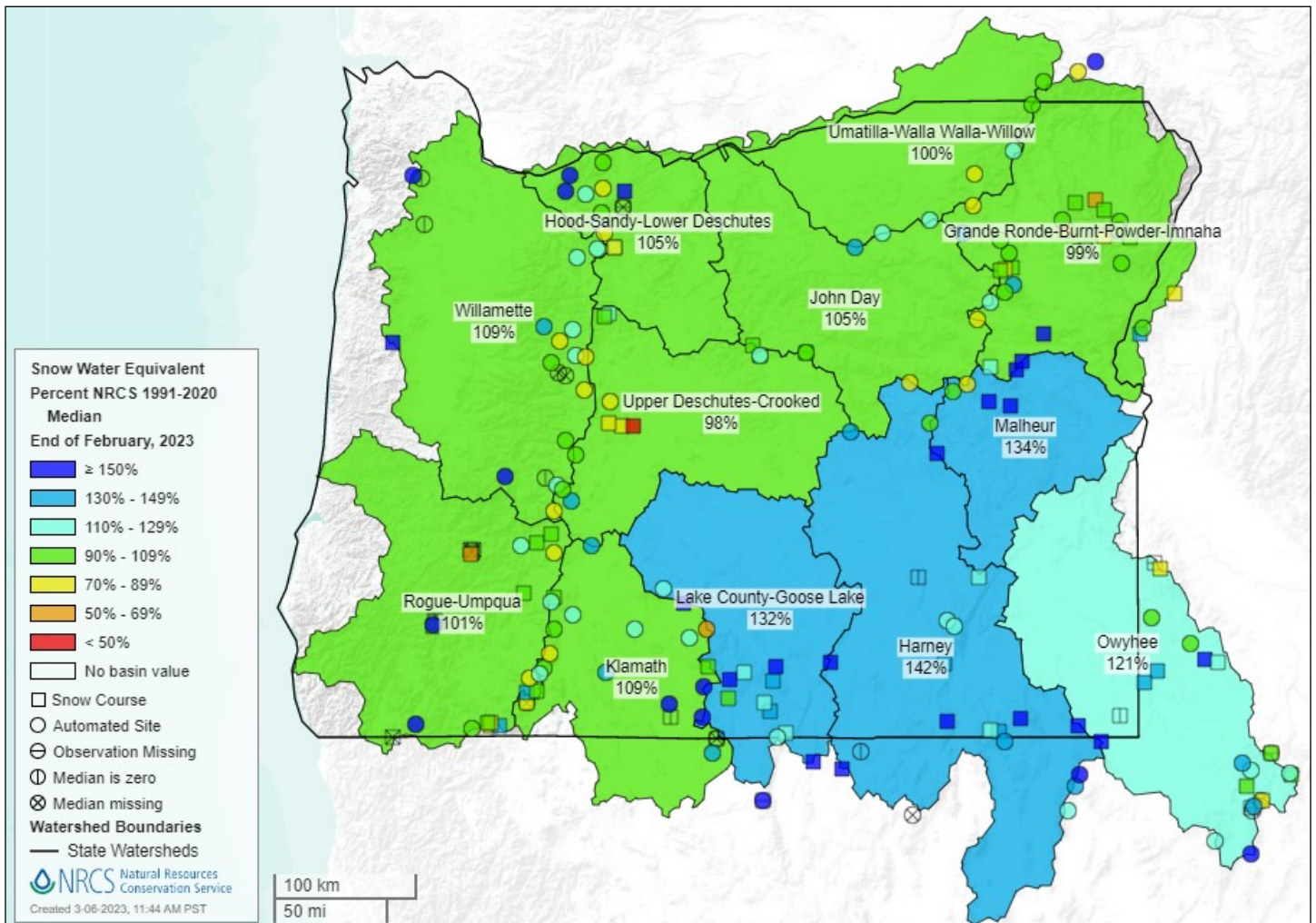


Austin Patch, OWRD Assistant Watermaster, takes a snow-core sample at the Ski Bowl Road snow course in southern Oregon. Snowpack at the site is 88% of median as of March 1st.
Photo taken by Shavon Haynes, Oregon Water Resources Department (February 27th, 2023)

Snowpack

Snowpack across the state is near to moderately above normal. Substantial storm impacts in February provided relief to snowpack in the Cascades and northeastern Oregon, where snow accumulation declined in January. Several sites near or below 4,000 ft in the Cascades have exceeded normal peak snow accumulation, which is near the normal timing for peak snow accumulation at these elevations.

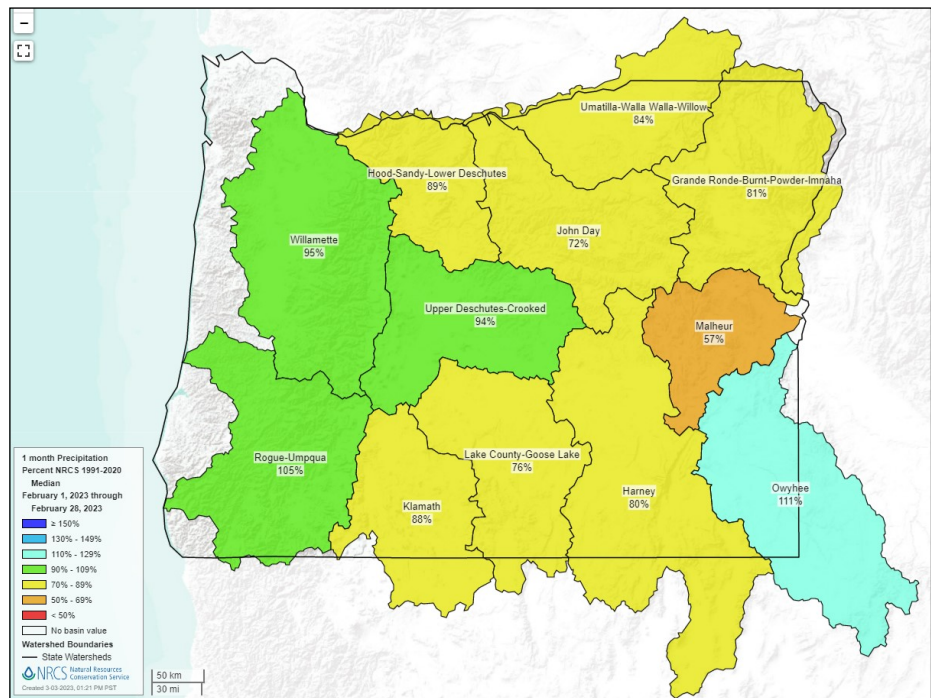
Central and southern Oregon received minimal to moderate storm impacts, with cold temperatures in part maintaining near to above normal snowpack at most sites. Basins in southeastern Oregon have already exceeded normal peak snowpack accumulation, occurring near or slightly before normal peak snow accumulation in these basins.



Basin snowpack (% median) as of March 1st.

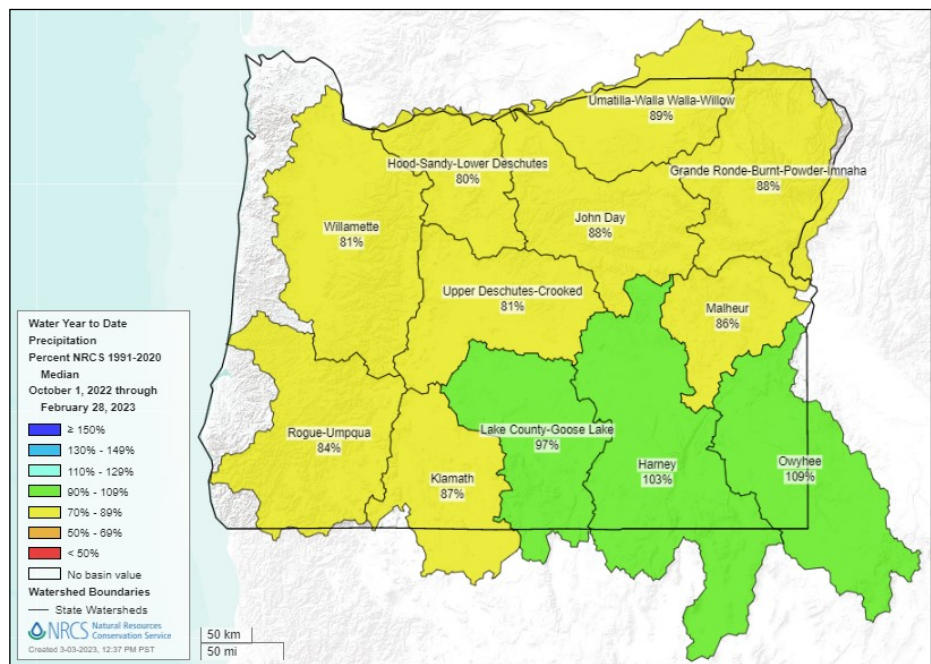
Precipitation

Monthly precipitation was mostly near to below normal across the state, except for the Owyhee with slightly above normal precipitation. Precipitation deficits across the Cascades generally remain unchanged since February 1, while deficits have increased for basins in central and northeastern Oregon. Water-year precipitation is below normal for these regions. In southeastern Oregon, basins are still near to slightly above normal for water-year precipitation despite a modest decline in % normal since February 1.



Monthly

Basin monthly precipitation (% median) as of March 1st



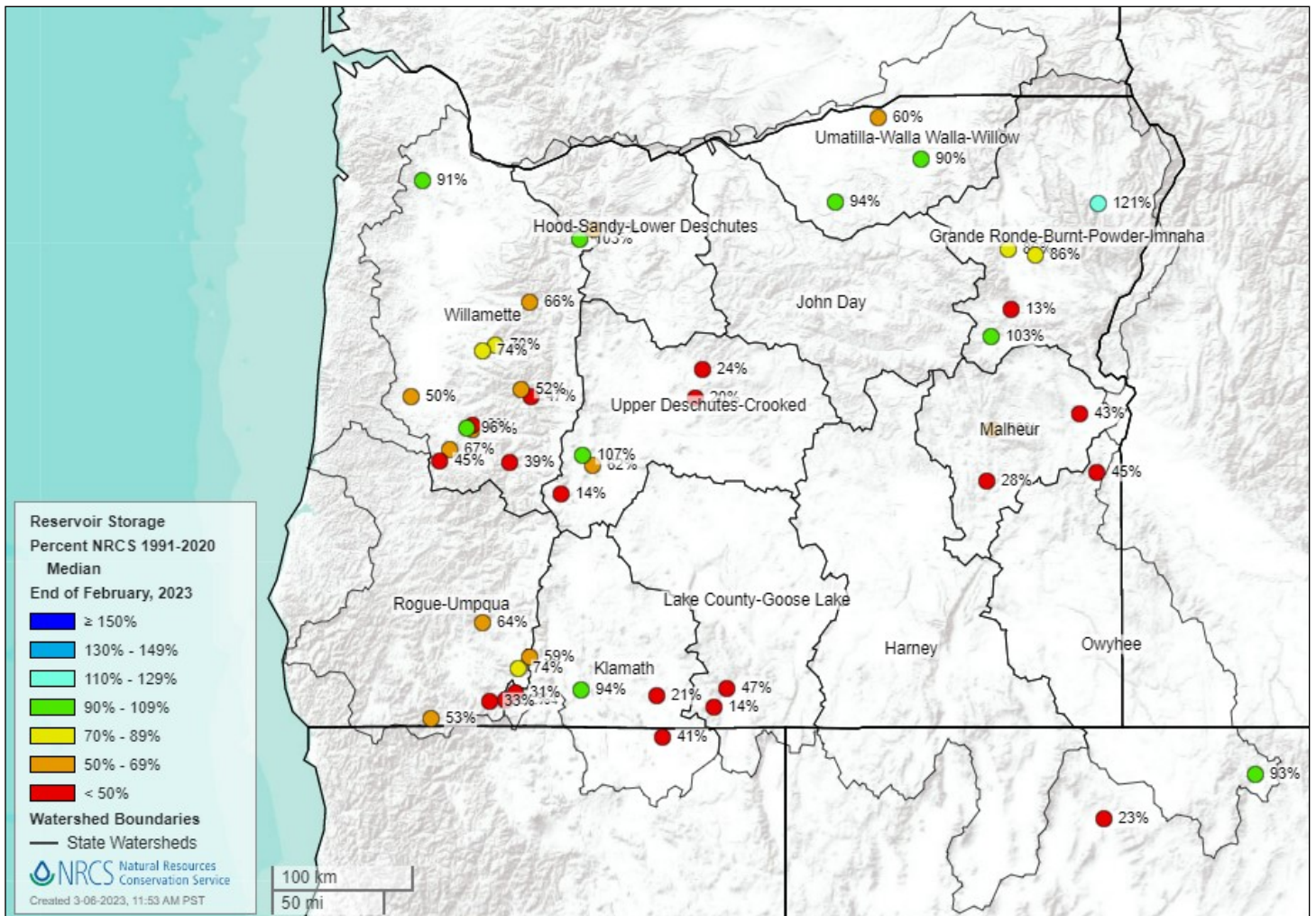
Water Year

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

Reservoirs

Reservoir storage volumes across the state are mostly below to well-below normal, with a few reservoirs storing volumes near normal. Several reservoirs east of the Cascade crest are storing volumes below 30%.

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 % normal values for a reservoir.



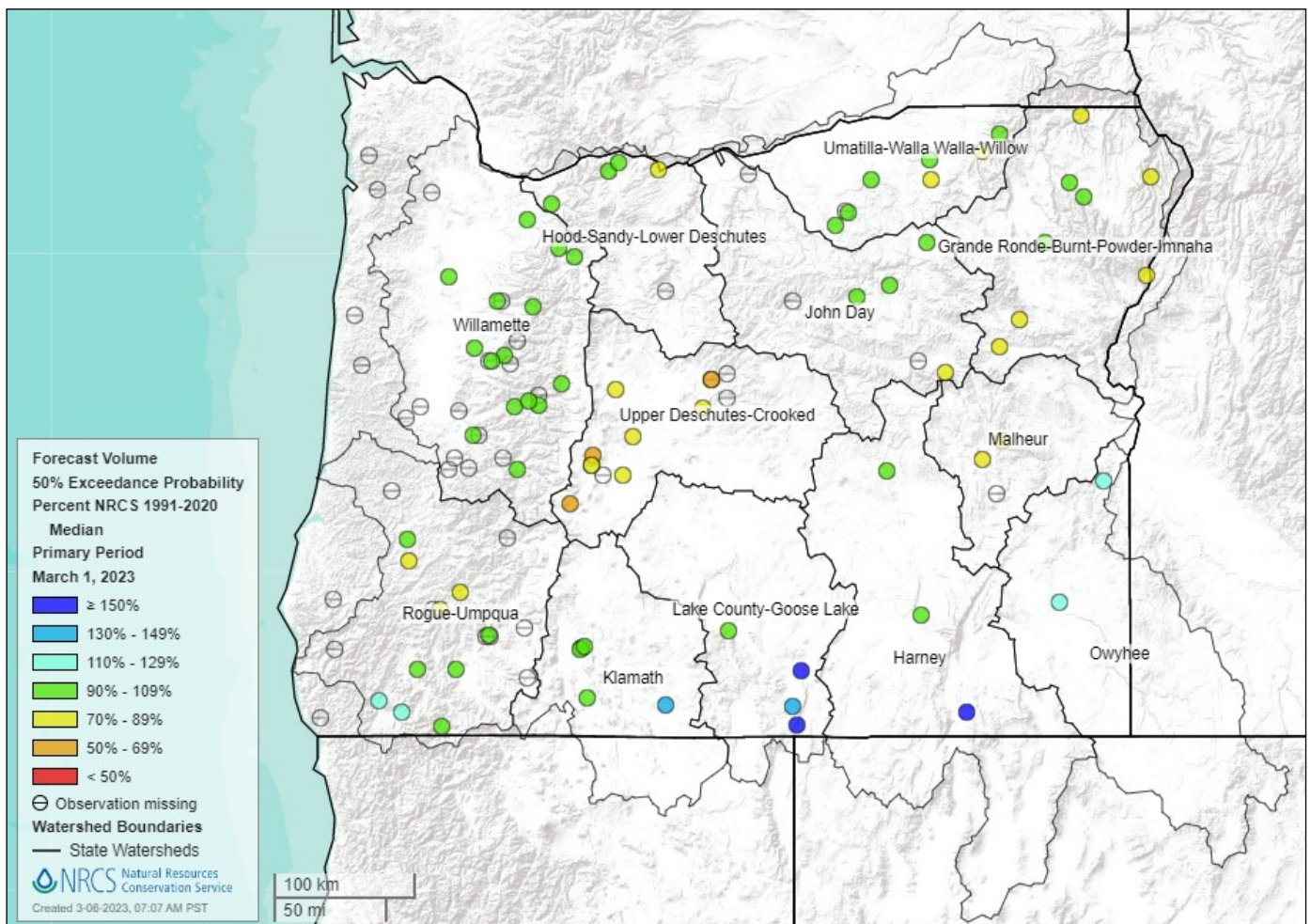
Reservoir storage (% median) as of March 1st.

Streamflow

Volumetric streamflow across the state declined substantially in many areas, with streamflow at several stream gage sites well-below normal and most below 45% of normal. This is in part due to colder than normal winter temperatures and a higher proportion of precipitation falling and remaining as snow, such that less water than normal is available for runoff.

Water supply forecasts throughout the state have either slightly declined or remain little changed since February 1. Streamflow forecasts west of the Cascade crest are mostly near normal, except for slightly below normal forecasts for the South Umpqua Basin. In southern Oregon east of the Cascade crest, streamflow forecasts range from near to well-above normal. Conversely, streamflow forecasts for the Crooked River and Upper Deschutes Basins are below normal, partly reflective of low antecedent streamflow. In northeastern Oregon and Malheur Basin, forecasts range from near to below normal.

View the map for February observed streamflow [here](#).



Streamflow forecast (% median) for the primary period as of March 1st.

Drought

Drought has expanded in some areas of the state since early February, with nearly 77% of the state in some category of drought (D1-D4) and nearly 14% of the state in extreme to exceptional drought (D3-D4). Moderate drought (D2) expanded across much of the Willamette Valley and Coastal Range, while abnormally dry conditions expanded in the northwest corner of the state.

U.S. Drought Monitor Oregon

February 28, 2023
(Released Thursday, Mar. 2, 2023)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|-------|
| Current | 7.93 | 92.07 | 77.18 | 38.84 | 14.48 | 1.40 |
| Last Week 02-21-2023 | 7.93 | 92.07 | 77.18 | 38.84 | 14.48 | 1.40 |
| 3 Months Ago 11-29-2022 | 5.38 | 94.62 | 59.76 | 46.04 | 26.18 | 1.40 |
| Start of Calendar Year 01-03-2023 | 13.46 | 86.54 | 59.75 | 46.03 | 26.18 | 1.40 |
| Start of Water Year 09-27-2022 | 0.42 | 99.58 | 68.05 | 52.42 | 30.73 | 1.40 |
| One Year Ago 03-01-2022 | 4.97 | 95.03 | 90.65 | 77.27 | 45.61 | 16.22 |

Intensity:

- None

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

D3 Extreme Drought

D4 Exceptional Drought

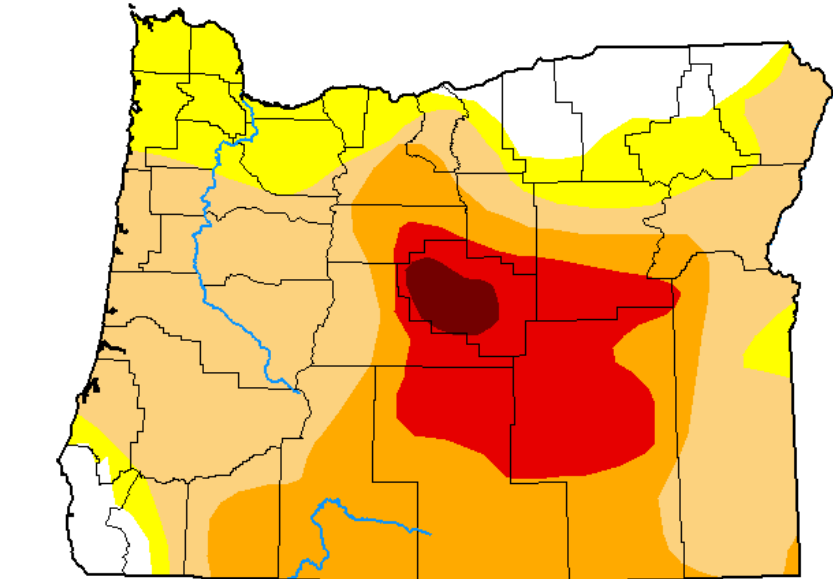
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Heim
NCEI/NOAA

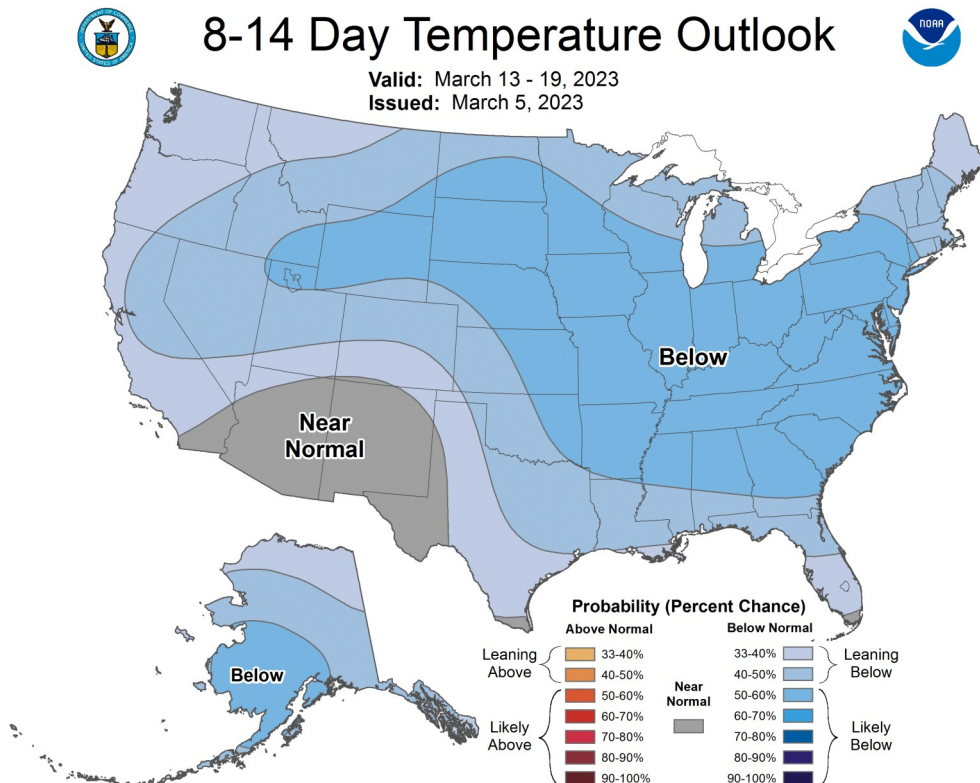
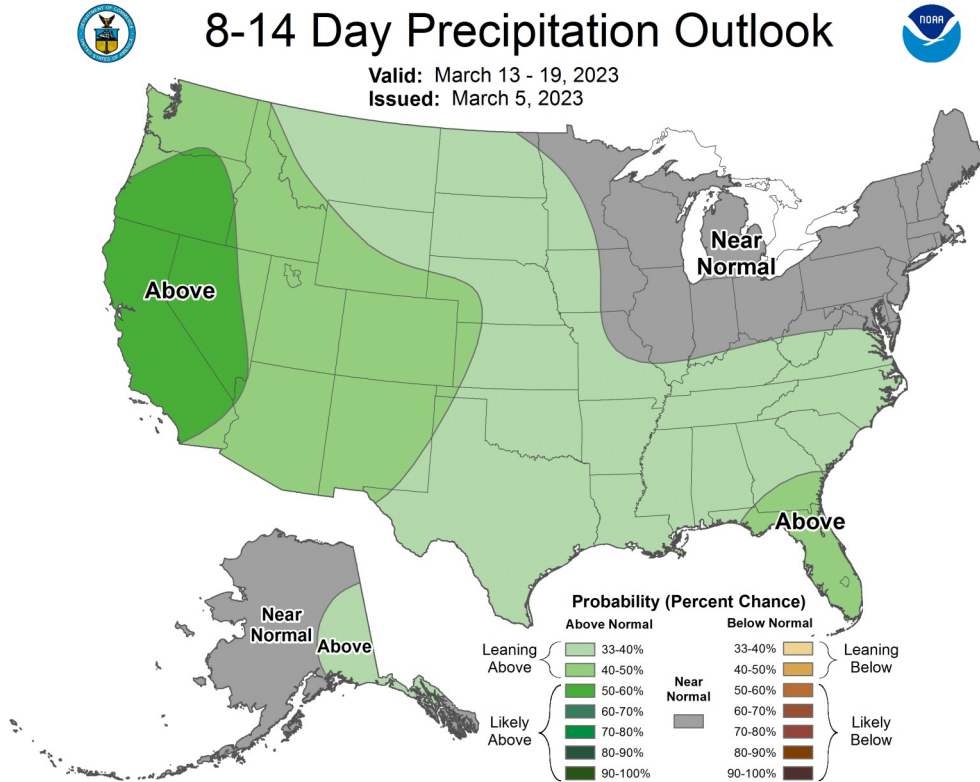


droughtmonitor.unl.edu



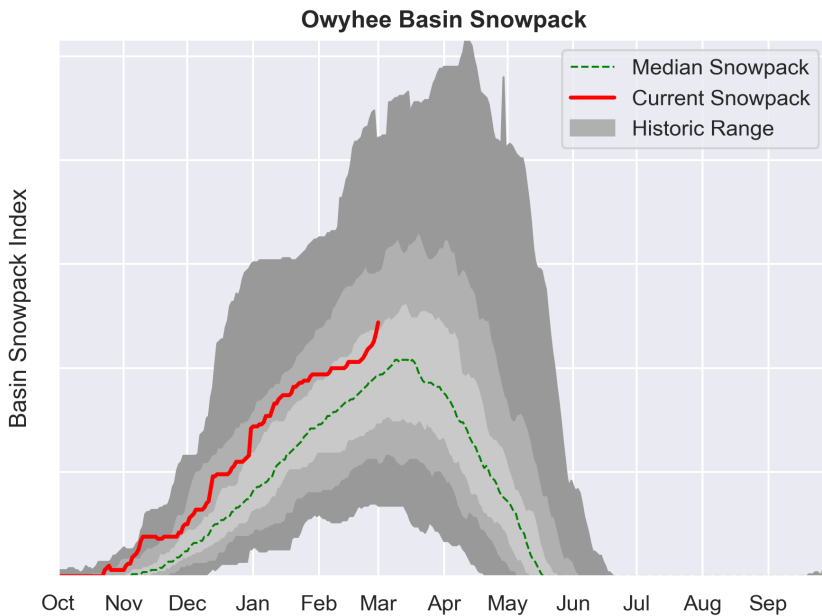
8-14 Day Outlook

The Climate Prediction Center's 8-14 Day Outlook calls for a probability leaning to below normal temperatures and a probability leaning to likely above normal precipitation across the state.



Owyhee Basin Summary

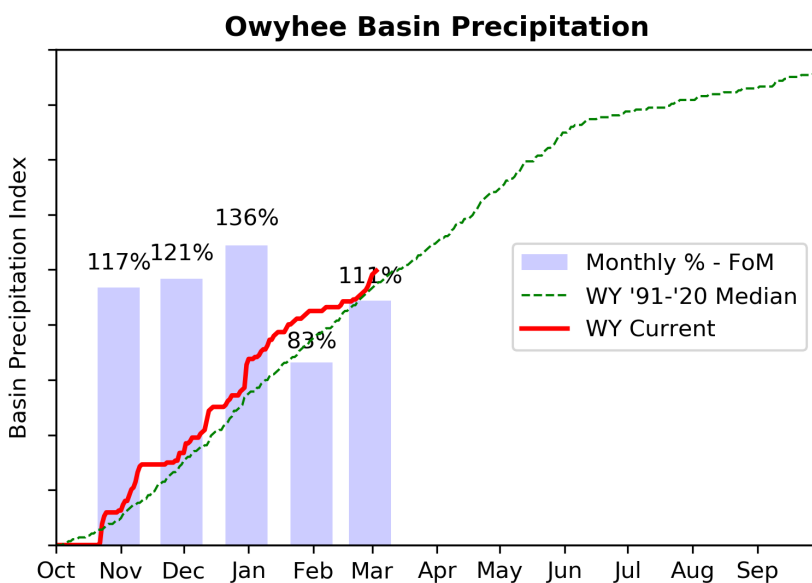
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 121% of median, slightly lower than Feb. 1 when the basin snowpack was 129% of median. Snow accumulation in the basin has already exceeded the normal peak, nearly 1 week before normal peak snow accumulation.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is above normal at 111% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 109% of median.

RESERVOIR STORAGE

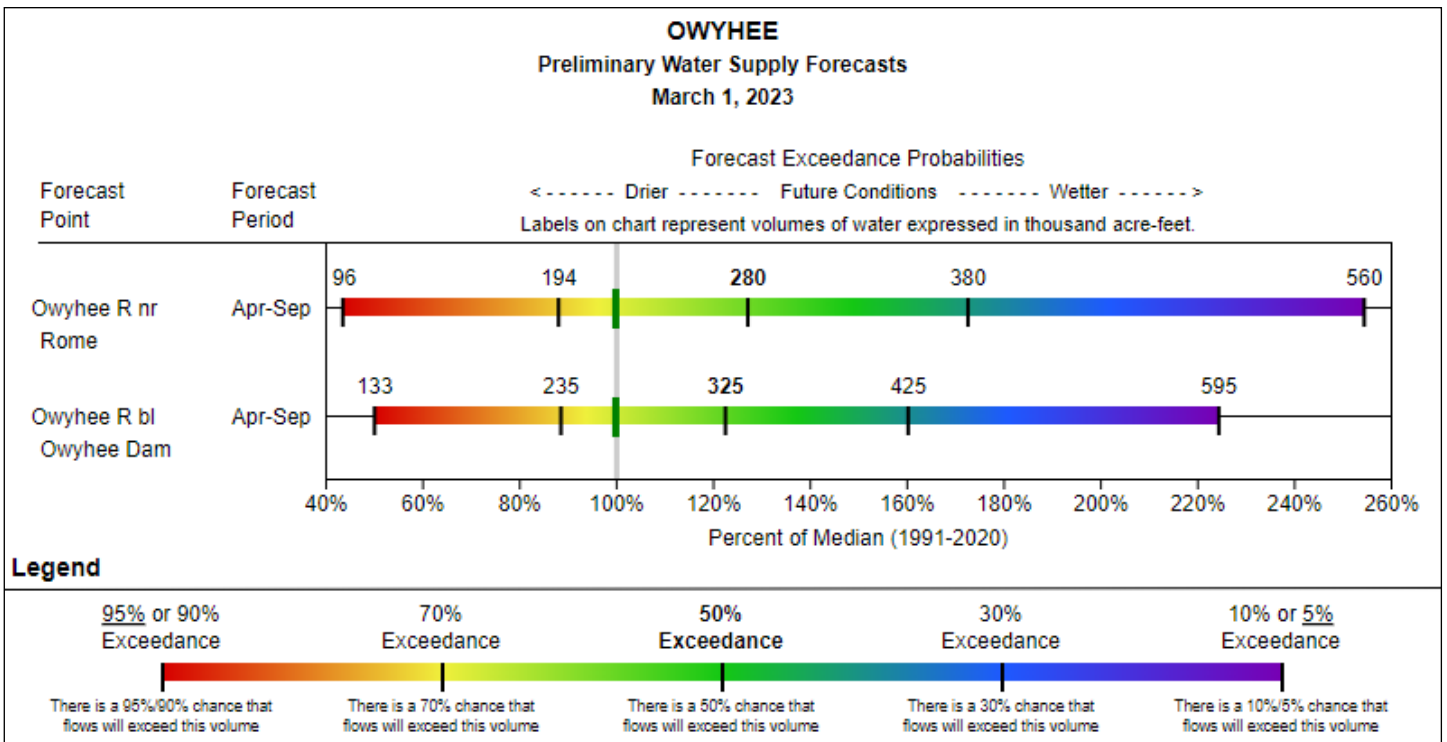
Reservoir storage across the basin is currently below normal. As of March 1, storage at Lake Owyhee Reservoir is 45% of median and 93% of median at Wild Horse Reservoir .

| 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 | 29.3 | 35.5 | 31.6 | 71.5 | 41% | 50% | 44% | 93% | 112% |
| Lake Owyhee | 137.2 | 164.4 | 304.5 | 715.0 | 19% | 23% | 43% | 45% | 54% |
| Basin Index # of reservoirs | | | | | 21% 2 | 25% 2 | 43% 2 | 50% 2 | 59% 2 |

STREAMFLOW FORECAST

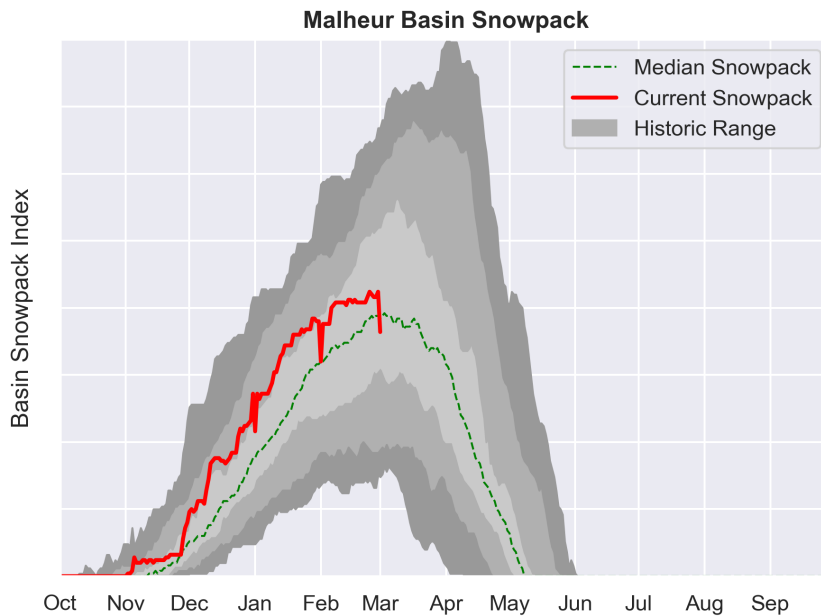
The April through September streamflow forecasts in the basin range from 123% to 127% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Malheur Basin Summary

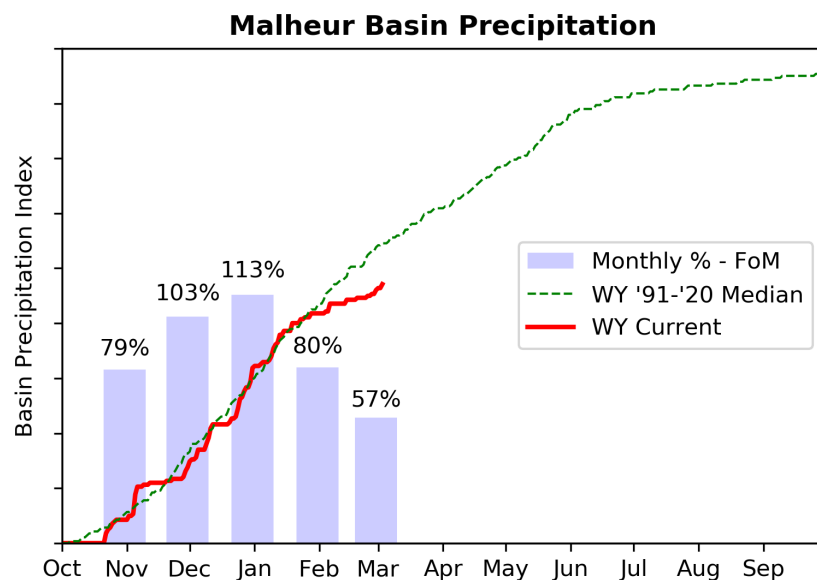
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 134% of median slightly higher than Feb. 1 when the basin snowpack was 128% of median. *Note: absent site data between the 1st of each months results in some chart noise.*

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is well below normal at 57% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 86% of median.

RESERVOIR STORAGE

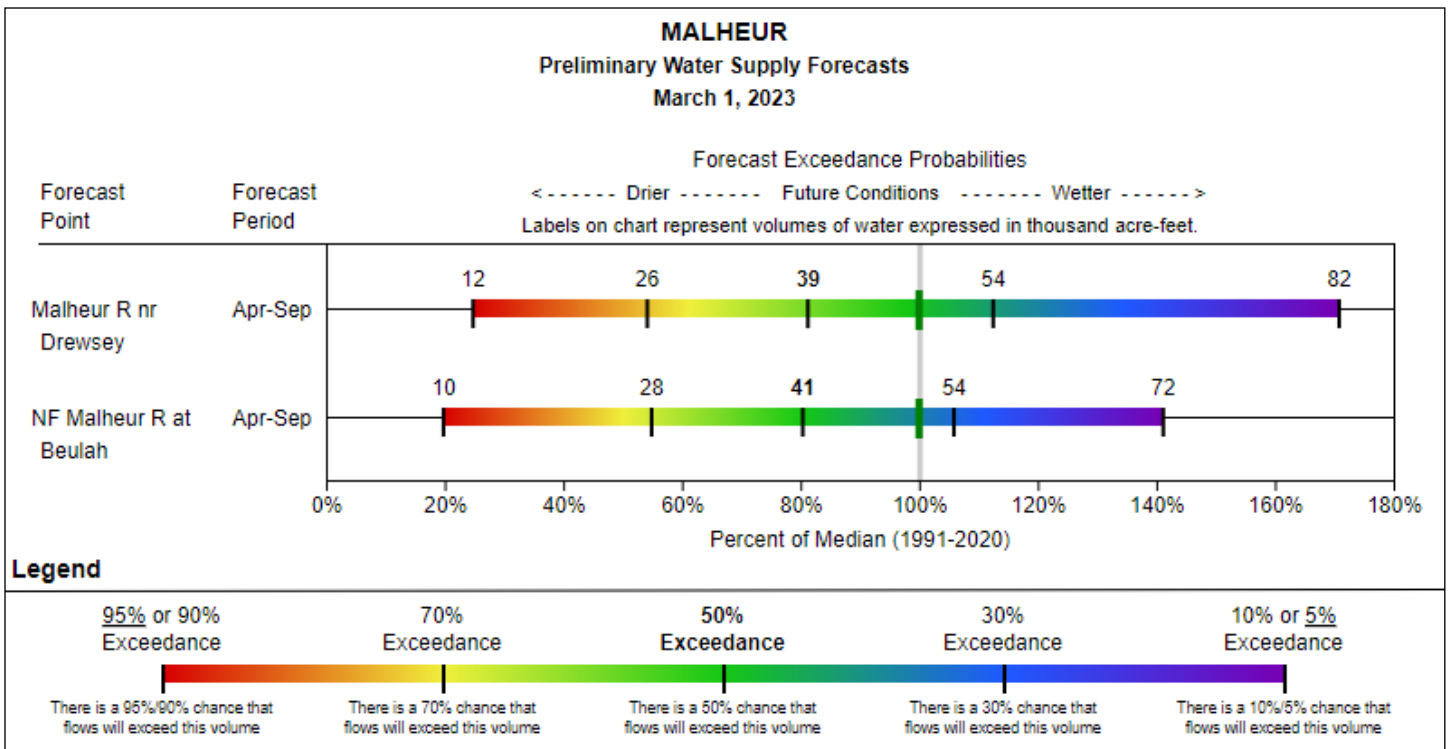
Reservoir storage across the basin is currently below normal. As of March 1, storage ranges from 28% at Warm Springs Reservoir to 60% of median at Beulah Reservoir.

| Malheur | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Median % Capacity | Current % Median | Last Year % Median |
|---------------------------------------|------------------|--------------------|-----------------|-------------------|-----------------------|-------------------------|----------------------|---------------------|-----------------------|
| Warm Springs | 14.0 | 17.5 | 50.8 | 169.6 | 8% | 10% | 30% | 28% | 34% |
| Bully Creek | 6.4 | 9.8 | 14.9 | 23.7 | 27% | 41% | 63% | 43% | 66% |
| Beulah | 15.8 | 15.8 | 26.2 | 59.2 | 27% | 27% | 44% | 60% | 60% |
| Basin Index # of reservoirs | | | | | 14% 3 | 17% 3 | 36% 3 | 39% 3 | 47% 3 |

STREAMFLOW FORECAST

Volumetric streamflow forecasts are below normal and range from 80% to 81% as of March 1.

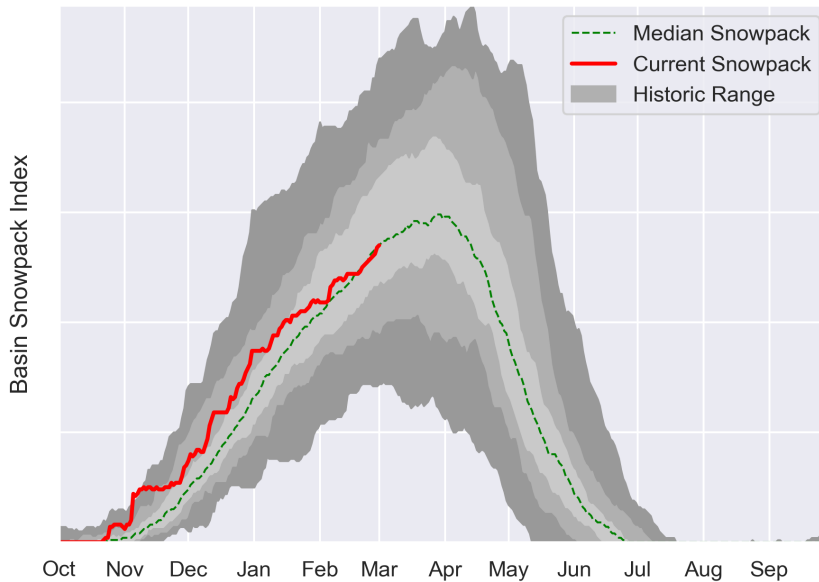
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Grand Ronde, Burnt, Powder, Imnaha Basin Summary

SNOWPACK

Grande Ronde-Burnt-Powder-Imnaha Basin Snowpack

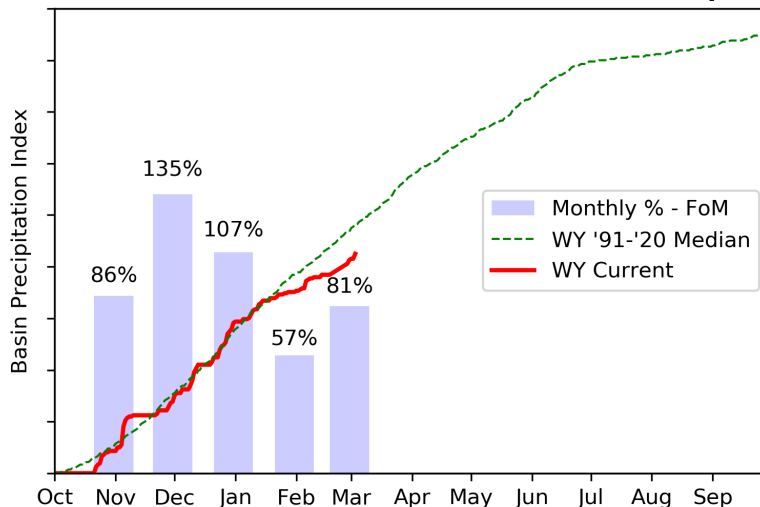


► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 99% of median, slightly lower than Feb. 1 when the basin snowpack was 107% of median.

PRECIPITATION

Grande Ronde-Burnt-Powder-Imnaha Basin Precipitation



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 81% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 88% of median.

RESERVOIR STORAGE

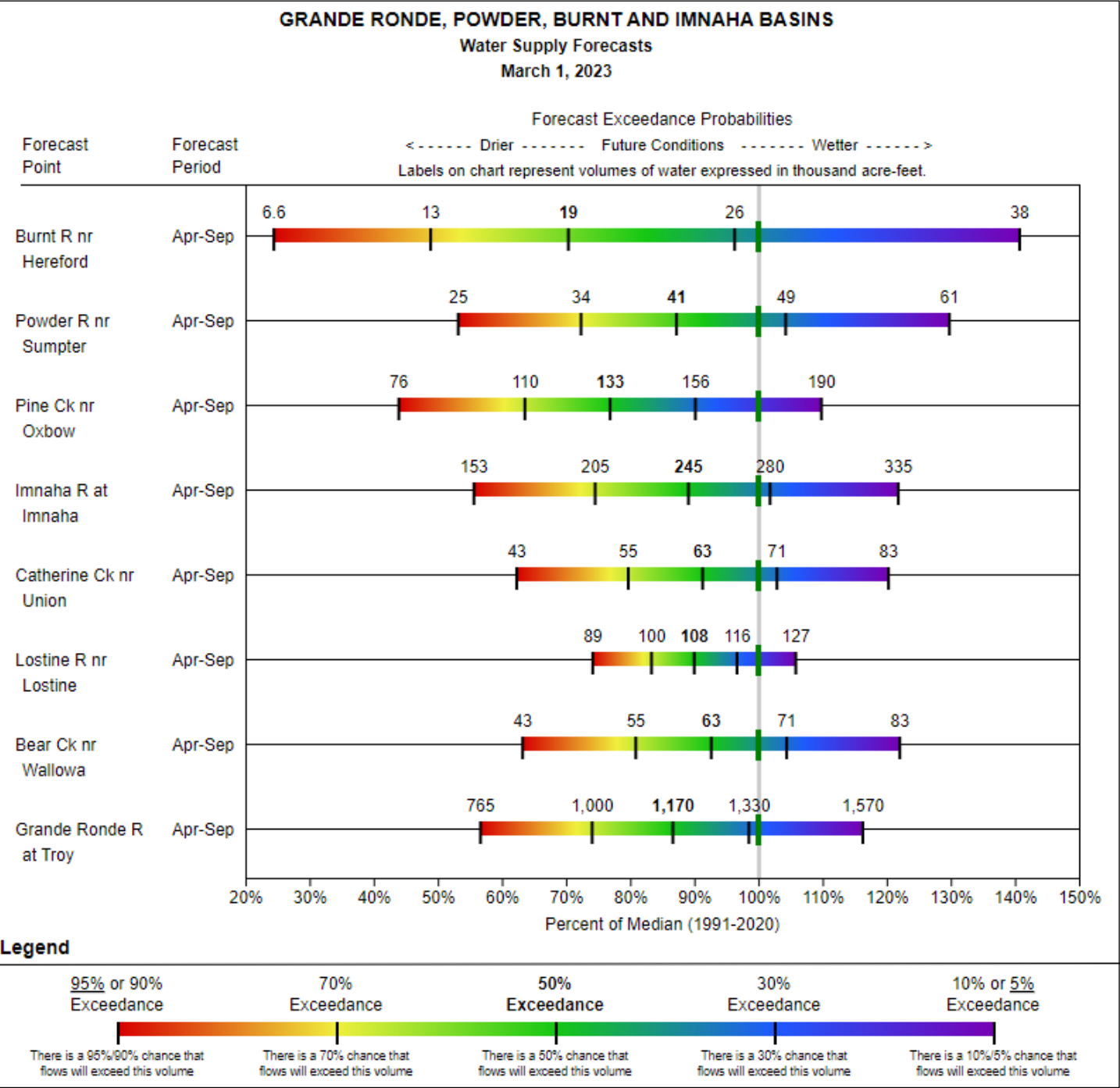
As of March 1, storage at major reservoirs in the basin ranges from 13% of median at Phillips Lake to 121% of median at Wallowa Lake.

| 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 |
|---|--------------------------|----------------------------|-------------------------|---------------------------|-------------------------------|---------------------------------|------------------------------|-----------------------------|-------------------------------|
| Unity | 13.0 | 8.5 | 12.6 | 25.5 | 51% | 33% | 49% | 103% | 68% |
| Phillips Lake | 3.4 | 2.5 | 26.7 | 73.5 | 5% | 3% | 36% | 13% | 9% |
| Thief Valley | 11.7 | 7.0 | 13.7 | 13.3 | 88% | 52% | 103% | 86% | 51% |
| Wolf Creek | 2.7 | 1.7 | 3.1 | 11.1 | 24% | 16% | 28% | 86% | 56% |
| Brownlee Reservoir | 899.5 | 955.3 | 1109.0 | 1420.0 | 63% | 67% | 78% | 81% | 86% |
| Wallowa Lake | 21.4 | 15.4 | 17.6 | 37.5 | 57% | 41% | 47% | 121% | 87% |
| Basin Index | | | | | 60% | 63% | 75% | 80% | 84% |
| # of reservoirs | | | | | 6 | 6 | 6 | 6 | 6 |

STREAMFLOW FORECAST

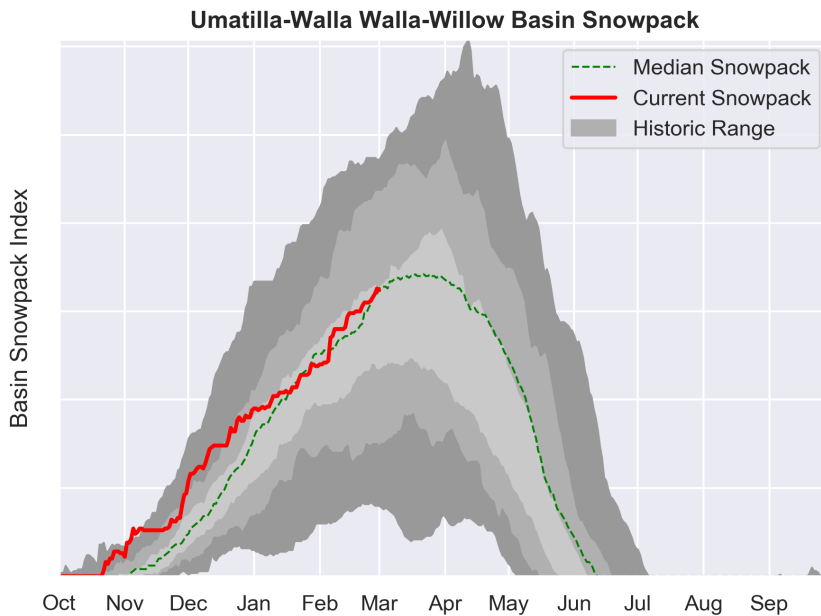
The April through September streamflow forecasts in the basin range from 70% to 93% of median.

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

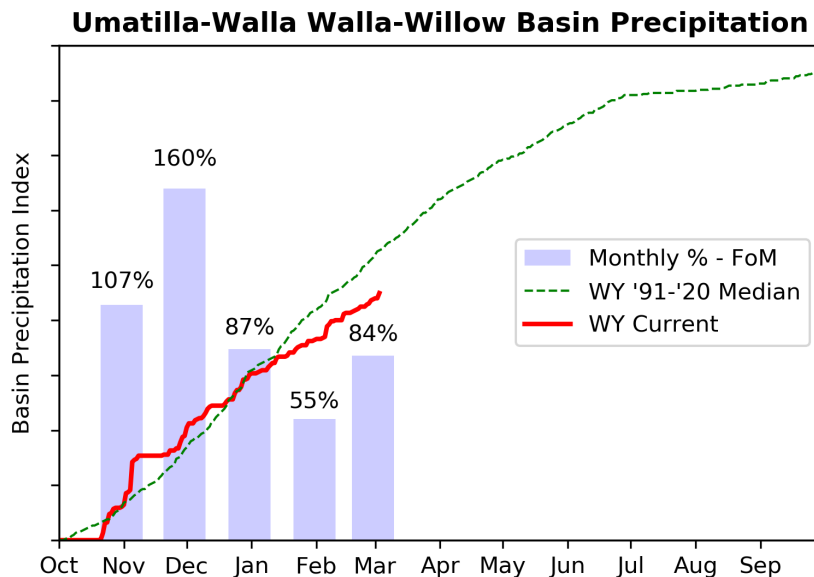
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 100% of median, slightly higher than Feb. 1 when the basin snowpack was 97% of median.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 84% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 89% of median.

RESERVOIR STORAGE

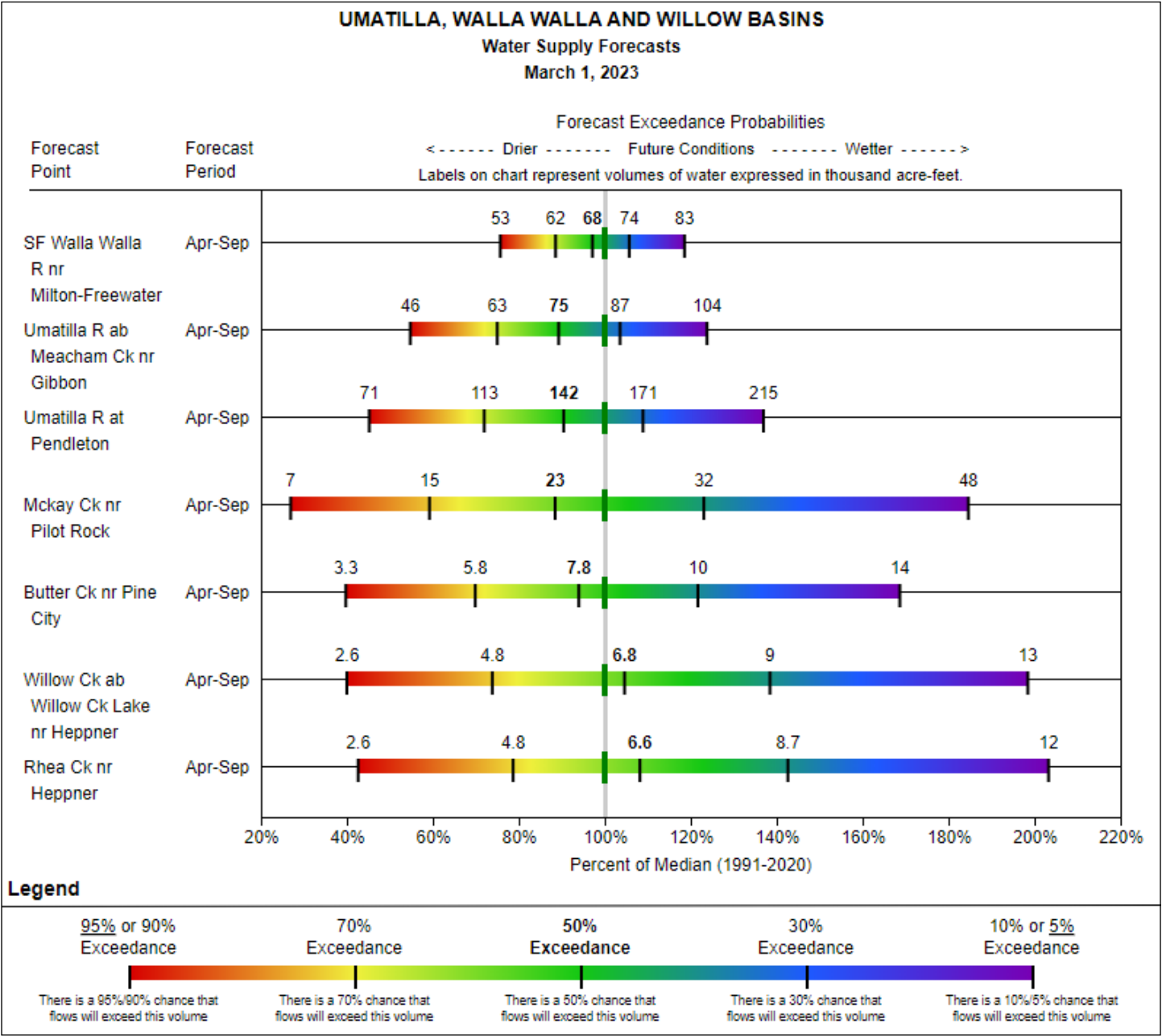
As of March 1, storage at major reservoirs in the basin ranges from 60% of median at Cold Springs Reservoir to 94% of median at Willow Creek Reservoir.

| 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 |
|-----------------------------|------------------|--------------------|-----------------|-------------------|-----------------------|-------------------------|----------------------|---------------------|-----------------------|
| Cold Springs | 10.6 | 13.5 | 17.7 | 38.6 | 27% | 35% | 46% | 60% | 76% |
| Mckay | 33.2 | 28.4 | 36.9 | 71.5 | 46% | 40% | 52% | 90% | 77% |
| Willow Creek | 4.4 | 4.8 | 4.7 | 9.8 | 45% | 50% | 48% | 94% | 103% |
| Basin Index | | | | | 40% | 39% | 49% | 81% | 79% |
| # of reservoirs | | | | | 3 | 3 | 3 | 3 | 3 |

STREAMFLOW FORECAST

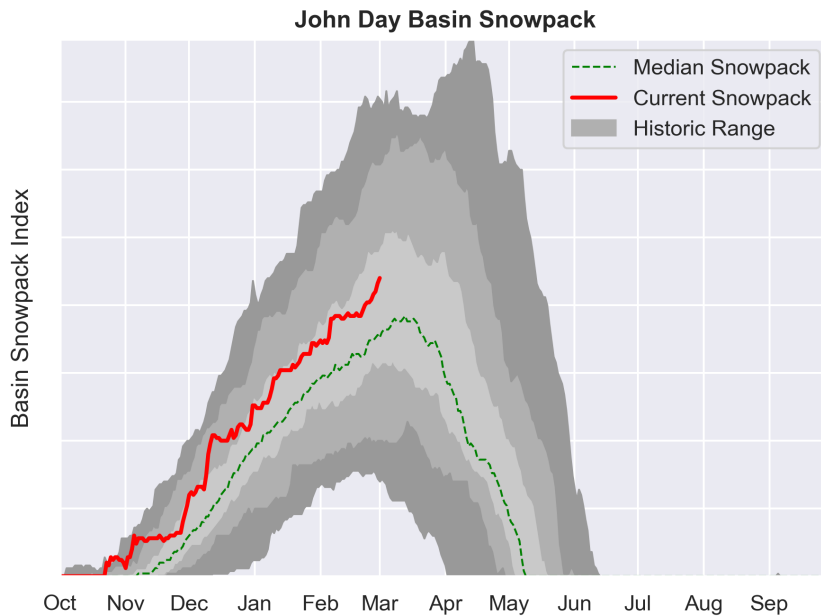
The April through September streamflow forecasts in the basin range from 88% to 108% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



John Day Basin Summary

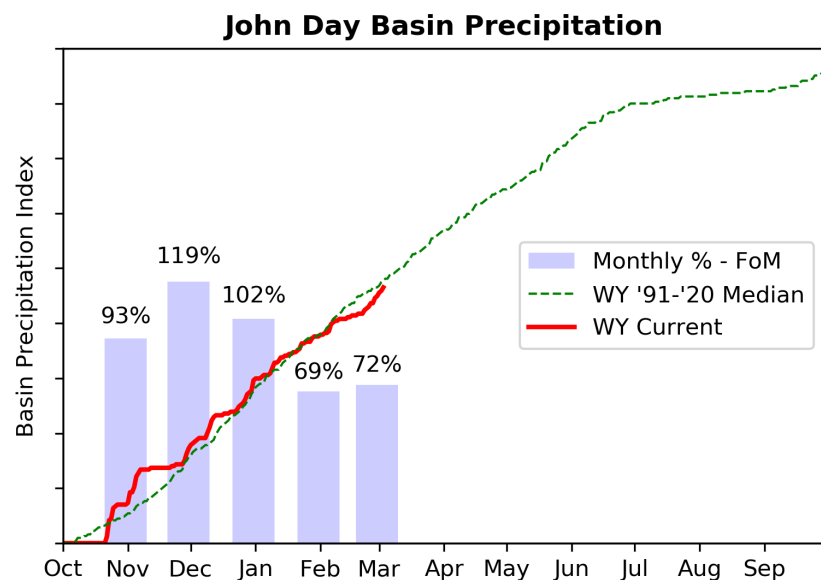
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 105% of median, slightly lower than last month when the basin snowpack was 110% of median. Snow accumulation in the basin has already exceeded the normal peak, near the normal timing for peak snow accumulation.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

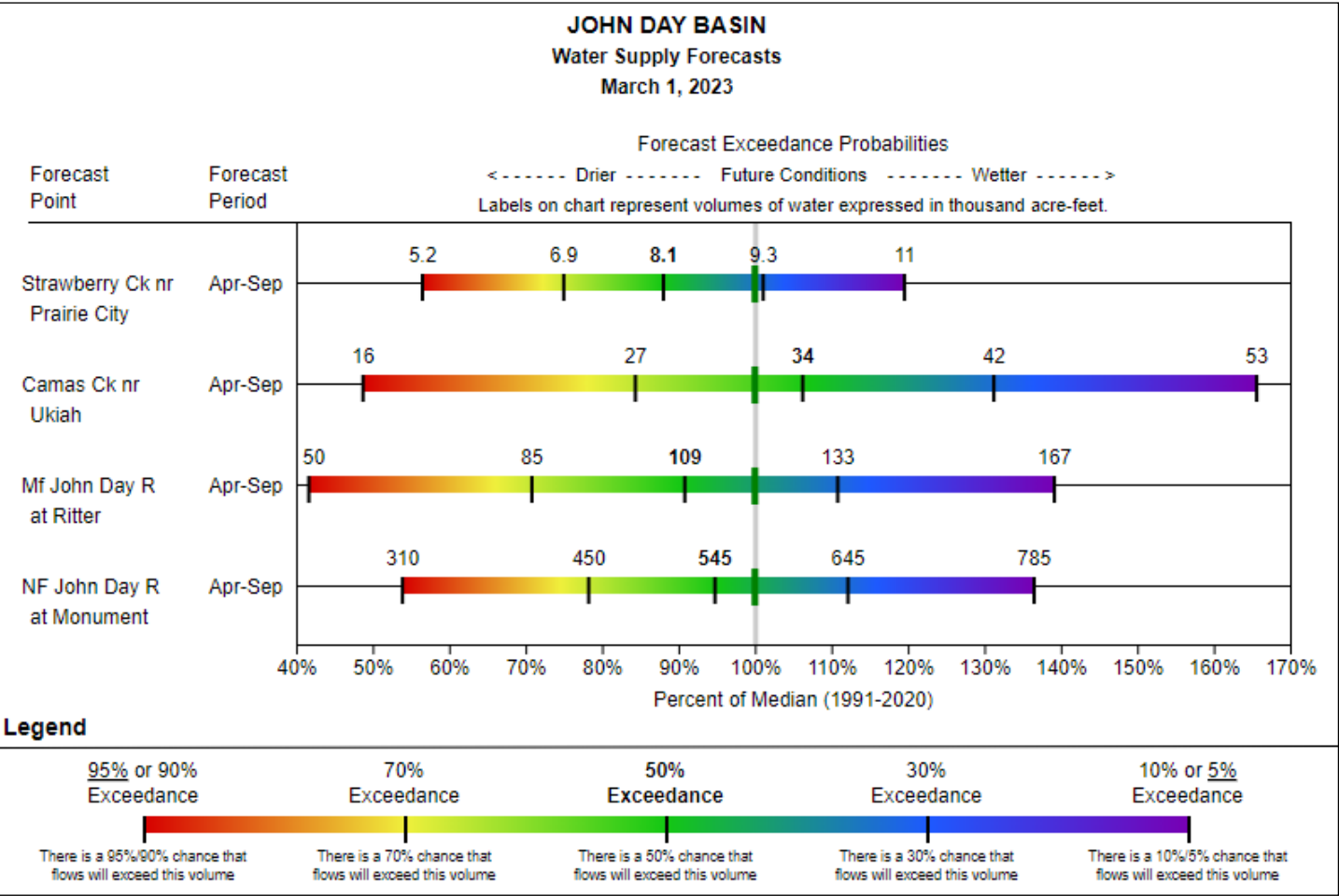
FoM = First of Month

February precipitation is below normal at 72% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 88% of median.

STREAMFLOW FORECAST

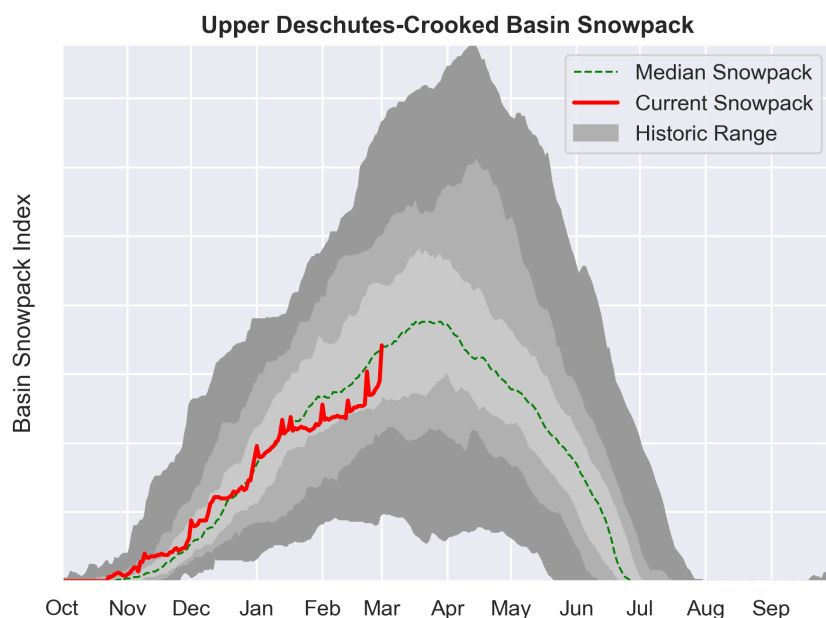
The April through September streamflow forecasts in the basin range from 88% to 106% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Upper Deschutes, Crooked Basin Summary

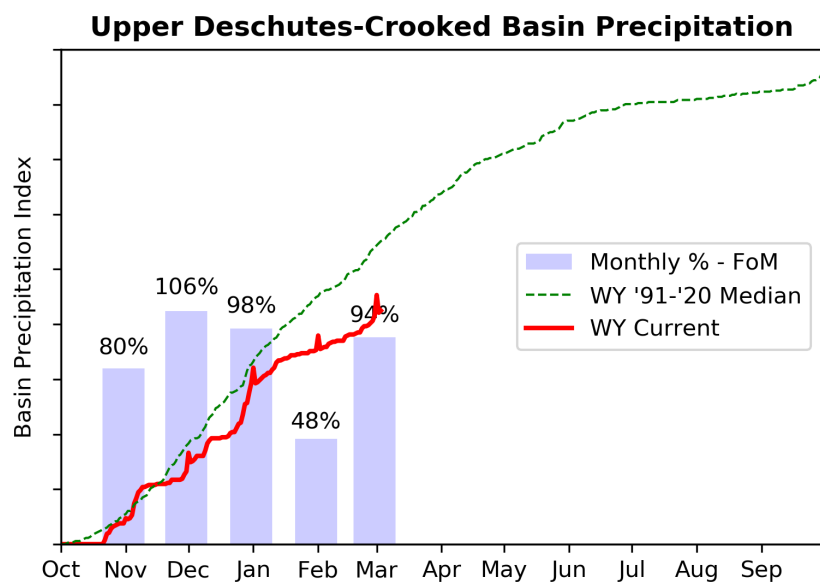
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 98% of median, modestly higher than last month when the basin snowpack was 92% of median. *Note: absent site data between the 1st of each months results in some chart noise.*

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 94% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 81% of median. *Note: absent site data between the 1st of each months results in some chart noise.*

RESERVOIR STORAGE

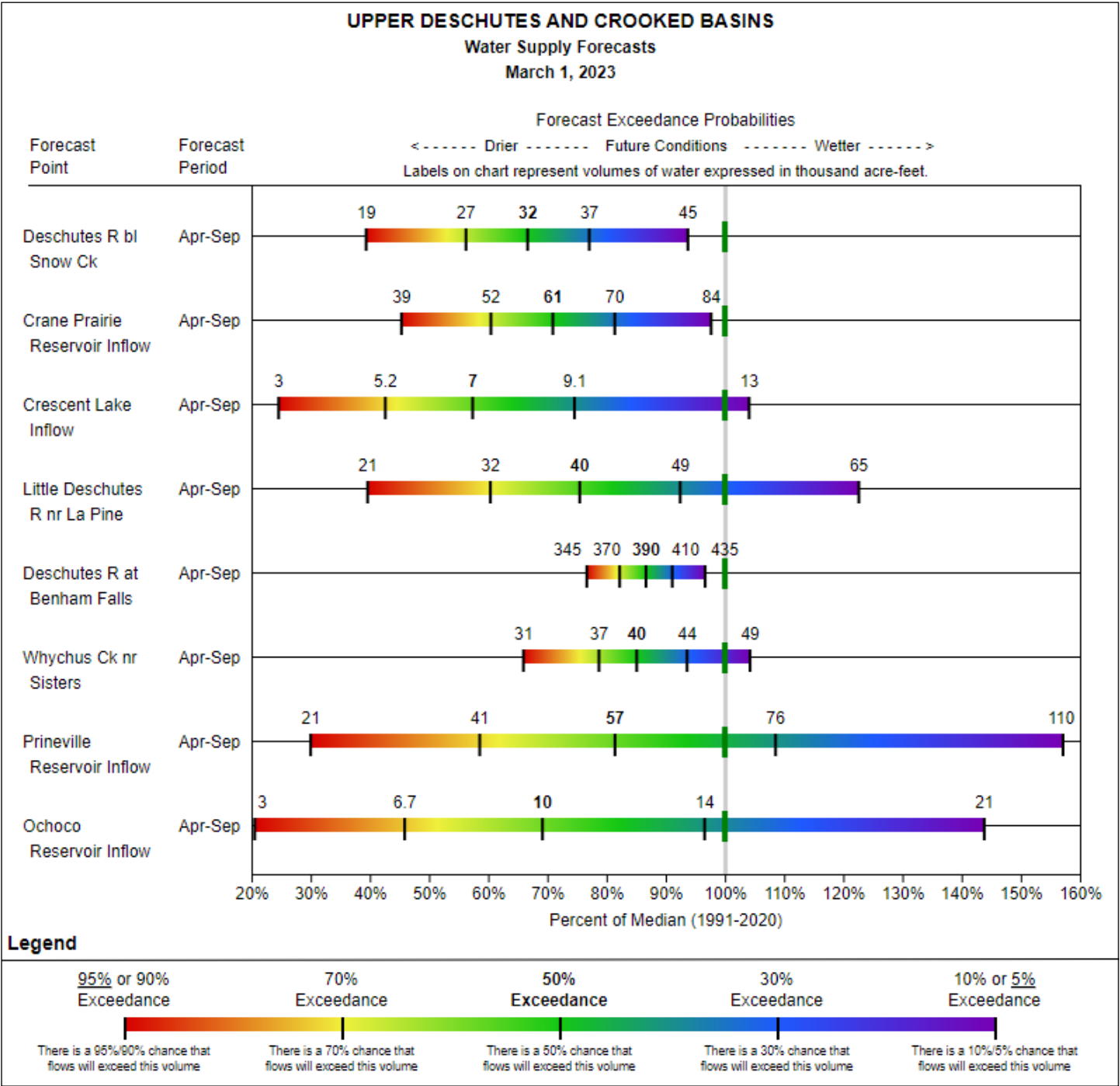
As of March 1, storage at major reservoirs in the basin ranges from 14% of median at Crescent Lake to 107% of median at Crane Prairie Reservoir.

| 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 | 7.8 | 7.6 | 54.8 | 86.9 | 9% | 9% | 63% | 14% | 14% |
| Ochoco | 5.4 | 4.1 | 23.1 | 44.2 | 12% | 9% | 52% | 24% | 18% |
| Crane Prairie | 46.1 | 45.4 | 43.2 | 55.3 | 83% | 82% | 78% | 107% | 105% |
| Prineville | 19.5 | 28.6 | 96.2 | 148.6 | 13% | 19% | 65% | 20% | 30% |
| Wickiup | 115.8 | 95.8 | 185.5 | 200.0 | 58% | 48% | 93% | 62% | 52% |
| Basin Index | | | | | 36% | 34% | 75% | 48% | 45% |
| # of reservoirs | | | | | 5 | 5 | 5 | 5 | 5 |

STREAMFLOW FORECAST

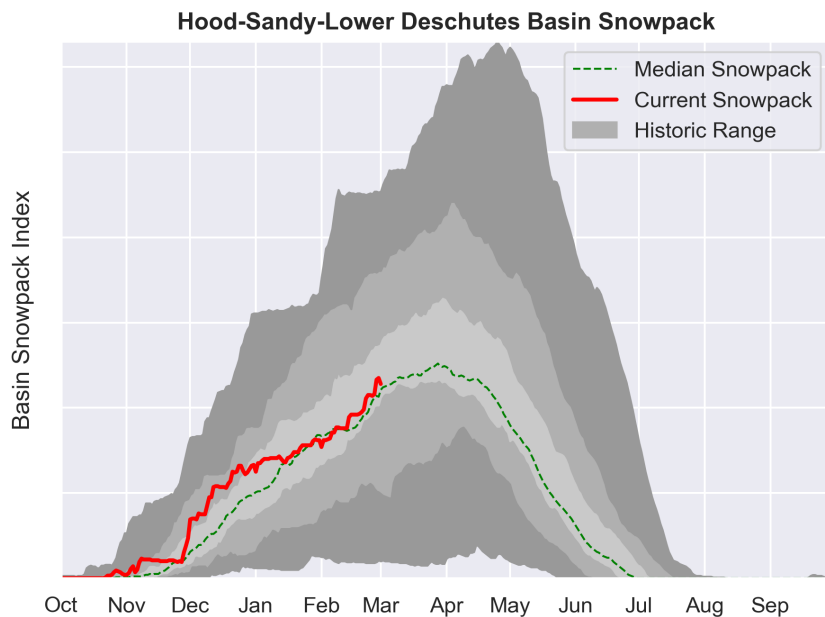
The April through September streamflow forecasts in the basin range from 57% to 87% of median.

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

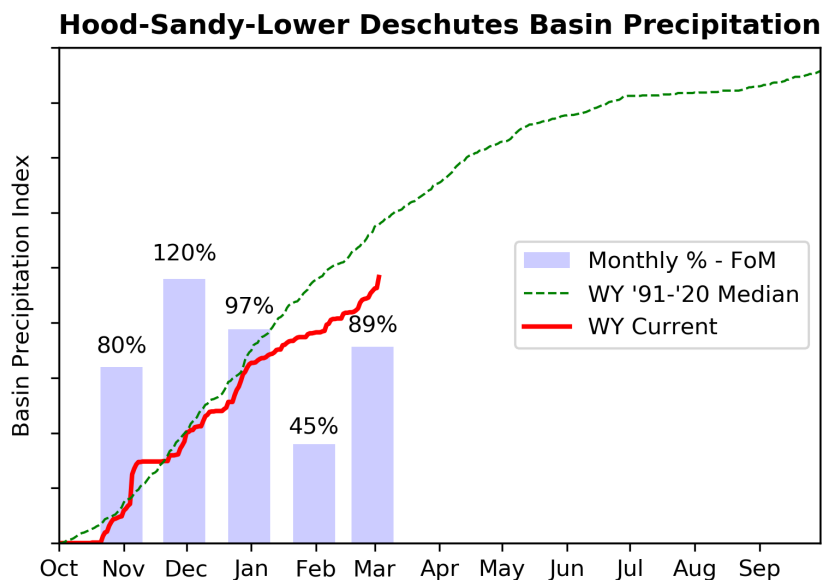
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 105% of median, modestly higher than last month when the basin snowpack was 92% of median.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 89% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 80% of median.

RESERVOIR STORAGE

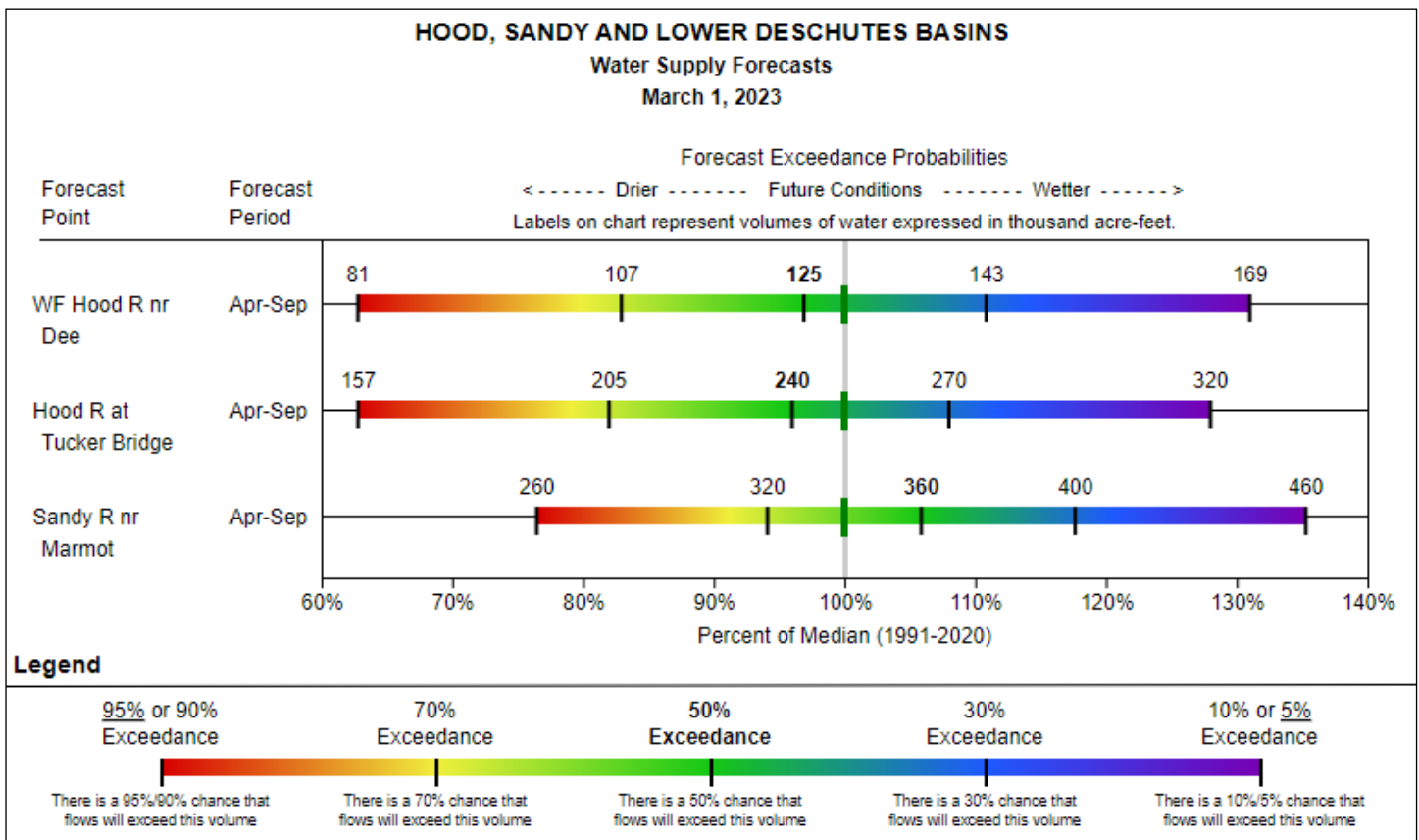
As of March 1, volumetric storage for Clear Lake is below normal at 62% of median.

| 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 | | 2.2 | 1.2 | 3.5 | 13.1 | 17% | 9% | 27% | 62% | 33% |
| Basin Index | | | | | | 17% | 9% | 27% | 62% | 33% |
| # of reservoirs | | | | | | 1 | 1 | 1 | 1 | 1 |

STREAMFLOW FORECAST

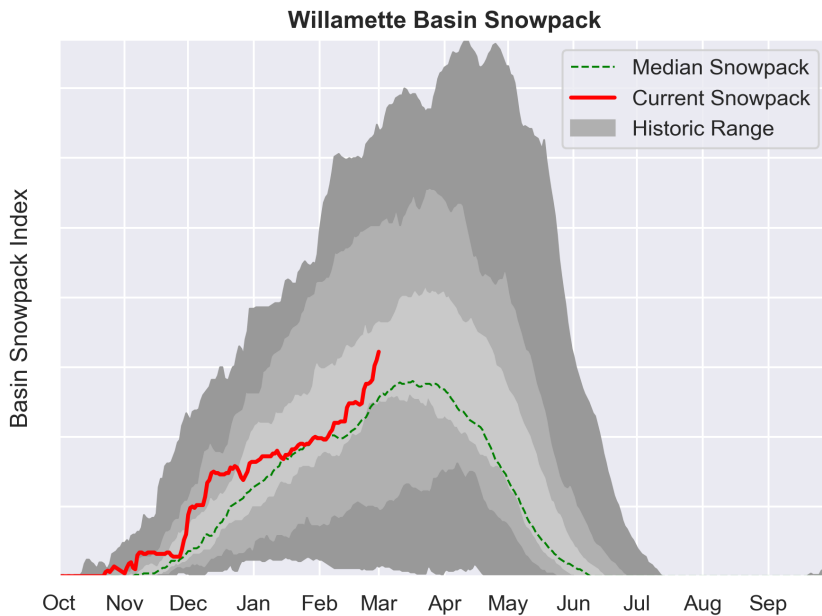
The April through September streamflow forecasts in the basin range from 86% to 106% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Willamette Basin Summary

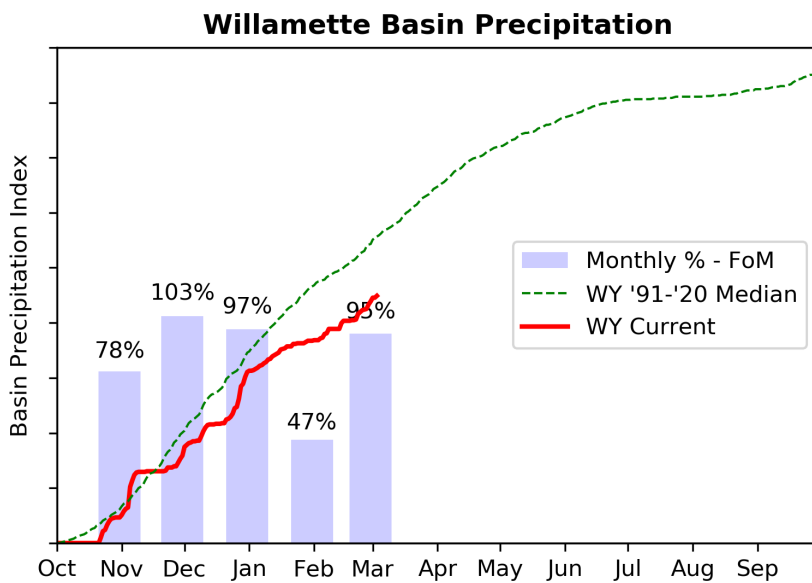
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 109% of median, higher than last month when the basin snowpack was 88% of median. Snow accumulation in the basin has already exceeded the normal peak, nearly 3 weeks before normal peak snow accumulation.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 95% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 81% of median.

RESERVOIR STORAGE

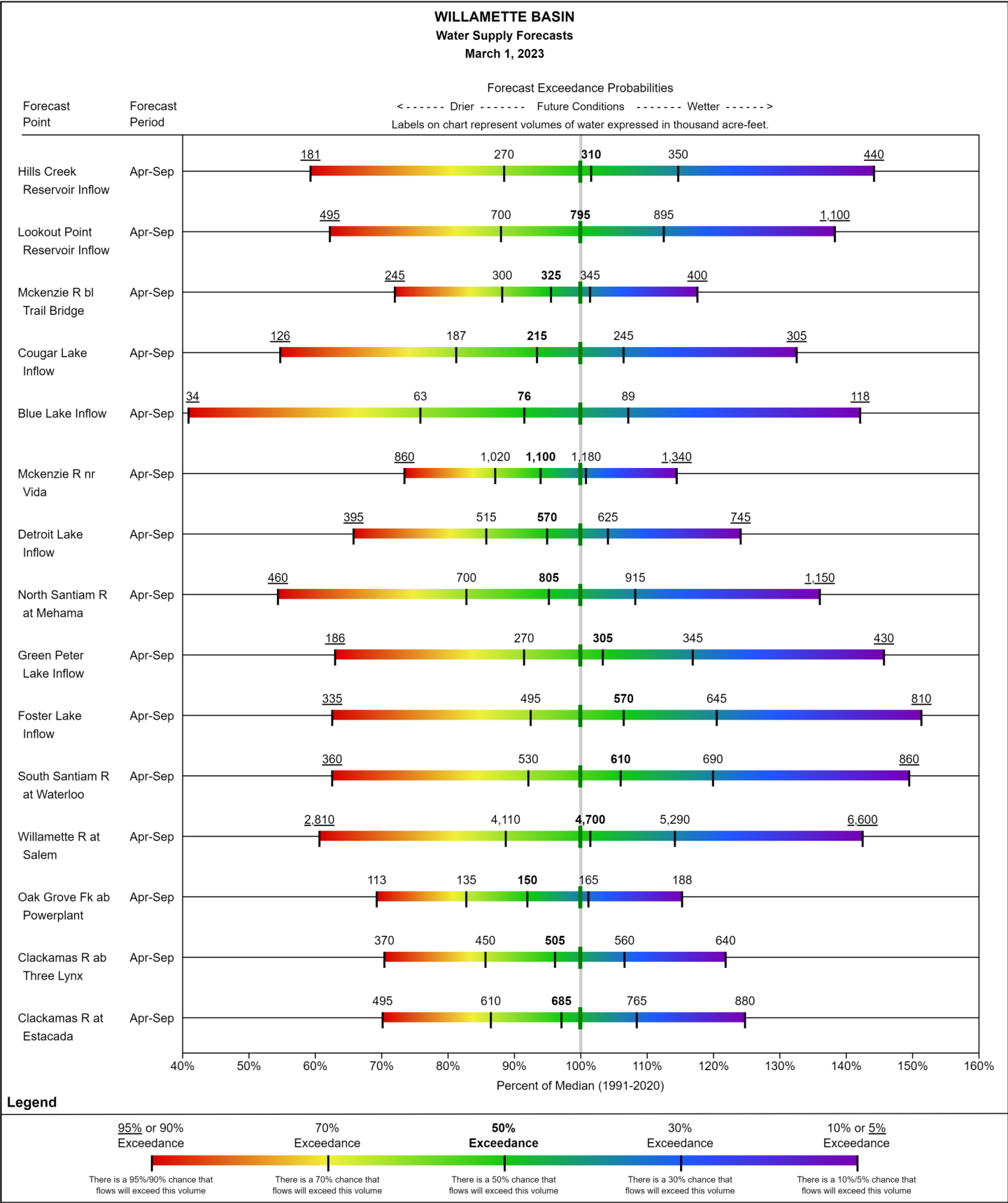
As of March 1, storage at major reservoirs in the basin ranges from 3% of median at Fall Creek Reservoir to 103% of median at Timothy Lake.

| Willamette | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Median % Capacity | Current % Median | Last Year % Median |
|--------------------|------------------|--------------------|-----------------|-------------------|-----------------------|-------------------------|----------------------|---------------------|-----------------------|
| Green Peter | 185.1 | 198.9 | 265.0 | 402.8 | 46% | 49% | 66% | 70% | 75% |
| Dexter | 24.3 | 25.0 | 25.4 | | | | | 96% | 98% |
| Foster | 20.5 | 22.6 | 27.8 | 46.2 | 44% | 49% | 60% | 74% | 81% |
| Fall Creek | 1.5 | 1.8 | 44.0 | 116.0 | 1% | 2% | 38% | 3% | 4% |
| Henry Hagg Lake | 42.4 | 41.9 | 46.6 | 53.3 | 80% | 78% | 87% | 91% | 90% |
| Lookout Point | 117.4 | 113.2 | 201.8 | 433.2 | 27% | 26% | 47% | 58% | 56% |
| Hills Creek | 57.8 | 106.9 | 149.8 | 279.2 | 21% | 38% | 54% | 39% | 71% |
| Cougar | 38.1 | 36.8 | 80.7 | 174.9 | 22% | 21% | 46% | 47% | 46% |
| Blue River | 17.2 | 26.8 | 33.2 | 82.3 | 21% | 33% | 40% | 52% | 81% |
| Detroit | 168.3 | 202.2 | 253.2 | 426.8 | 39% | 47% | 59% | 66% | 80% |
| Timothy Lake | 56.4 | 54.5 | 54.6 | 63.6 | 89% | 86% | 86% | 103% | 100% |
| Fern Ridge | 20.1 | 13.8 | 40.6 | 97.3 | 21% | 14% | 42% | 50% | 34% |
| Cottage Grove | 5.0 | 3.9 | 11.2 | 31.8 | 16% | 12% | 35% | 45% | 35% |
| Dorena | 16.3 | 11.2 | 24.4 | 72.1 | 23% | 16% | 34% | 67% | 46% |
| Basin Index | | | | | 33% | 37% | 54% | 61% | 68% |
| # of reservoirs | | | | | 13 | 13 | 13 | 14 | 14 |

STREAMFLOW FORECAST

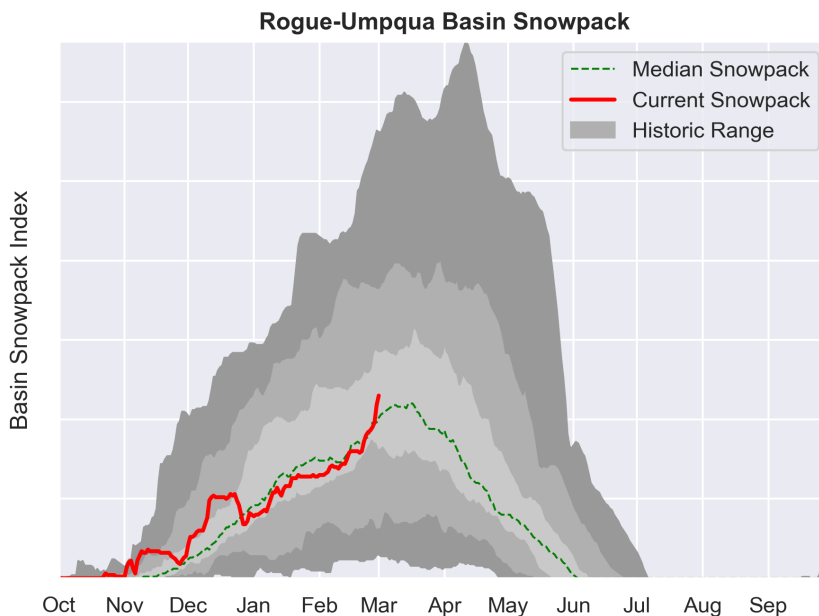
The April through September streamflow forecasts in the basin range from 92% to 107% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Rogue, Umpqua Basin Summary

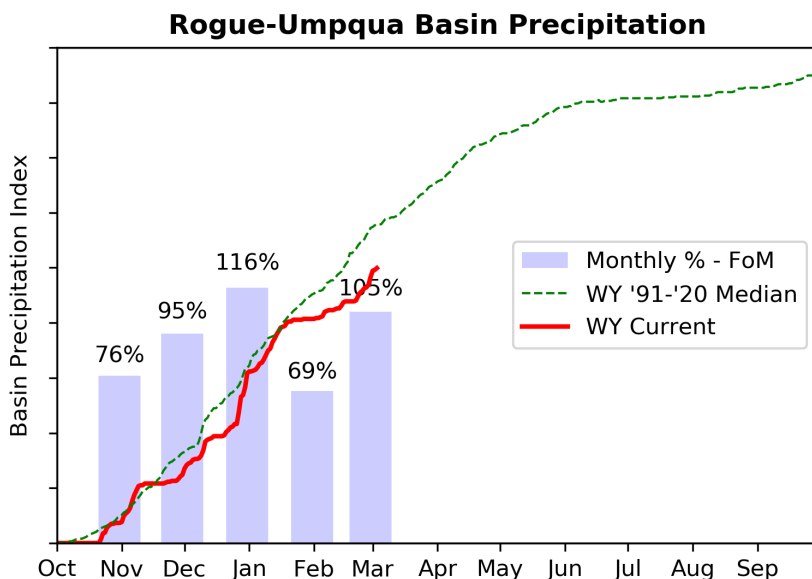
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 101% of median, modestly higher than last month when the basin snowpack was 95% of median.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is above normal at 105% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 84% of median.

RESERVOIR STORAGE

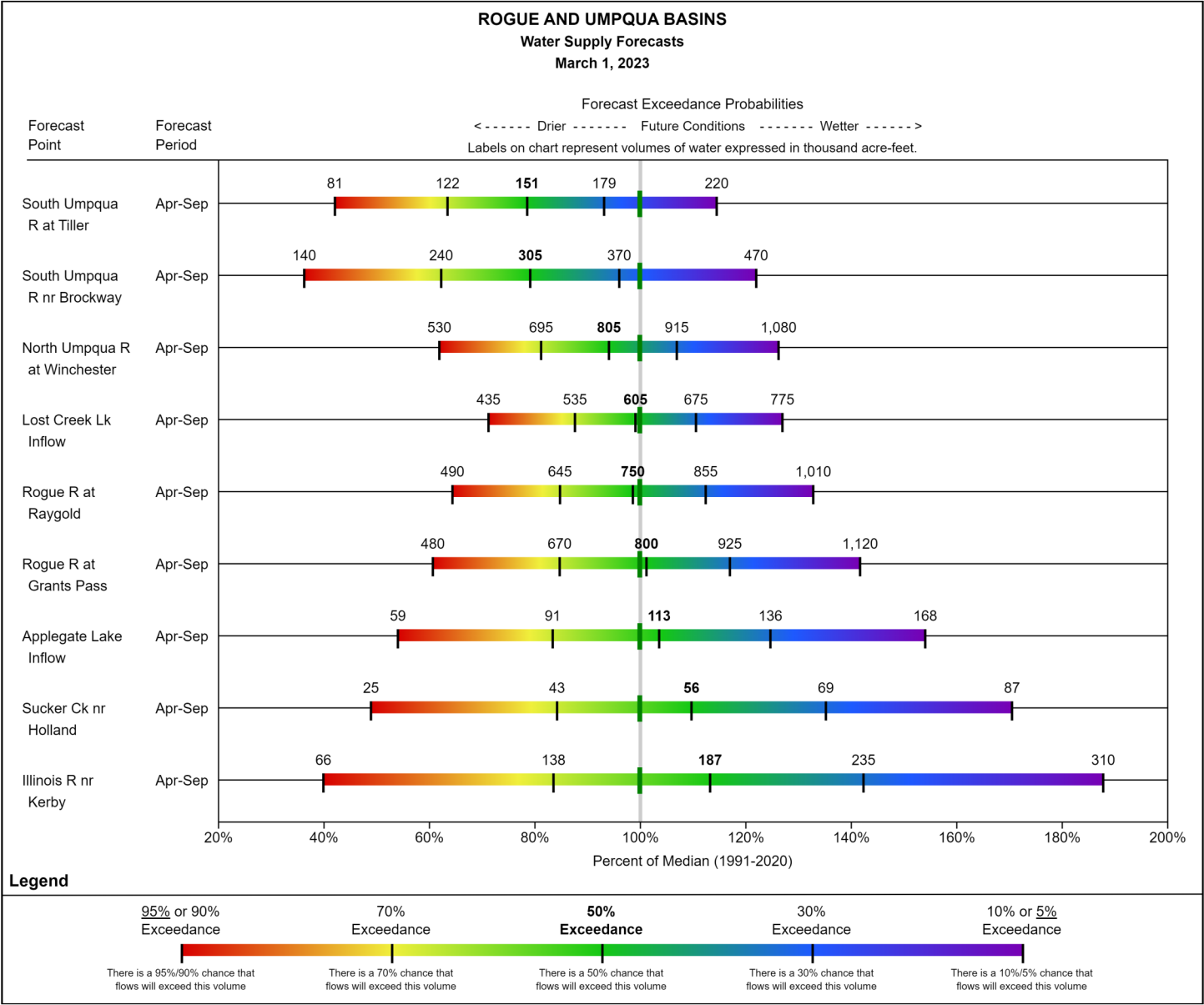
As of March 1, storage at major reservoirs in the basin ranges from 33% of median at Emigrant Lake to 74% of median at Fish Lake.

| 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 | 8.6 | 3.2 | 26.0 | 39.0 | 22% | 8% | 67% | 33% | 12% |
| Fish Lake | 3.3 | 3.0 | 4.4 | 7.9 | 41% | 37% | 56% | 74% | 67% |
| Applegate | 13.2 | 15.1 | 24.8 | 75.2 | 18% | 20% | 33% | 53% | 61% |
| Lost Creek | 144.0 | 102.1 | 224.1 | 315.0 | 46% | 32% | 71% | 64% | 46% |
| Basin Index | | | | | 39% | 28% | 64% | 61% | 44% |
| # of reservoirs | | | | | 4 | 4 | 4 | 4 | 4 |

STREAMFLOW FORECAST

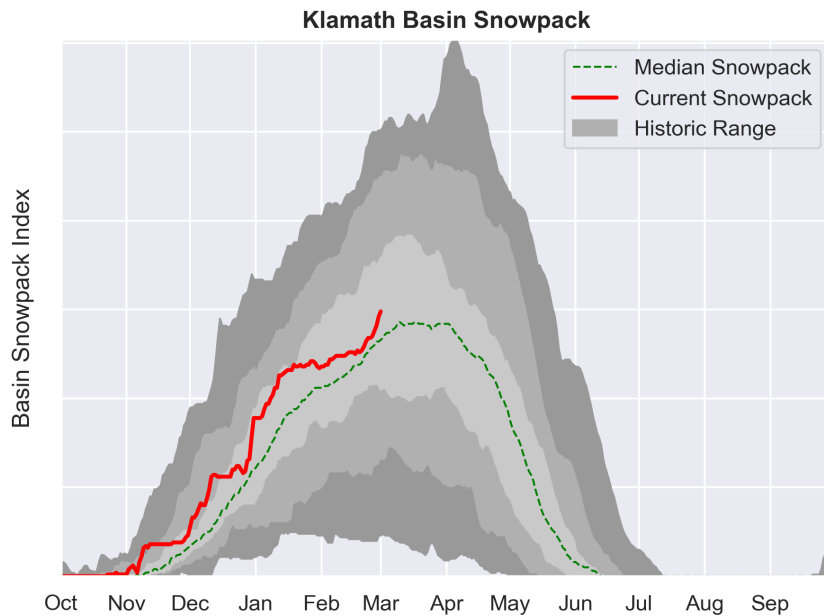
The April through September streamflow forecasts in the basin range from 75% to 113% of median.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Klamath Basin Summary

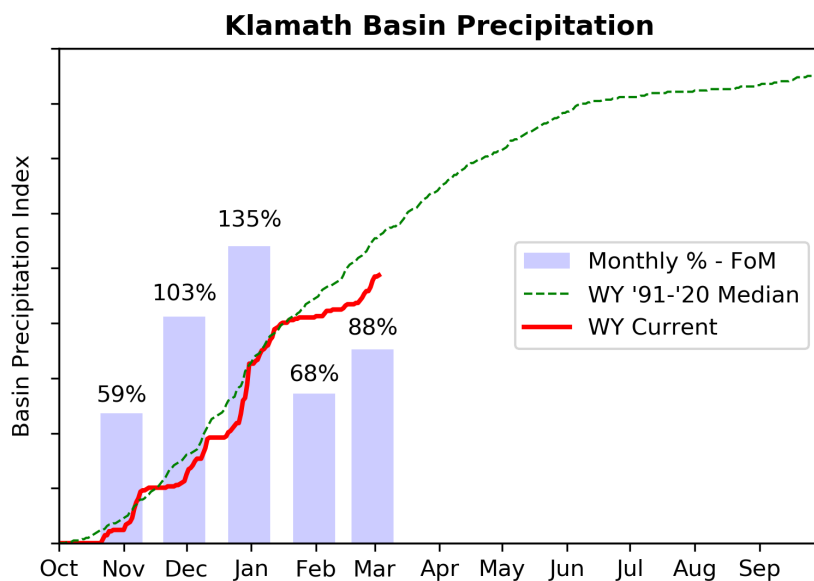
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 109% of median, slightly higher than last month when the basin snowpack was 105% of median. Snow accumulation in the basin has already exceeded the normal peak, nearly 2 weeks before normal peak snow accumulation.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 88% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 87% of median.

RESERVOIR STORAGE

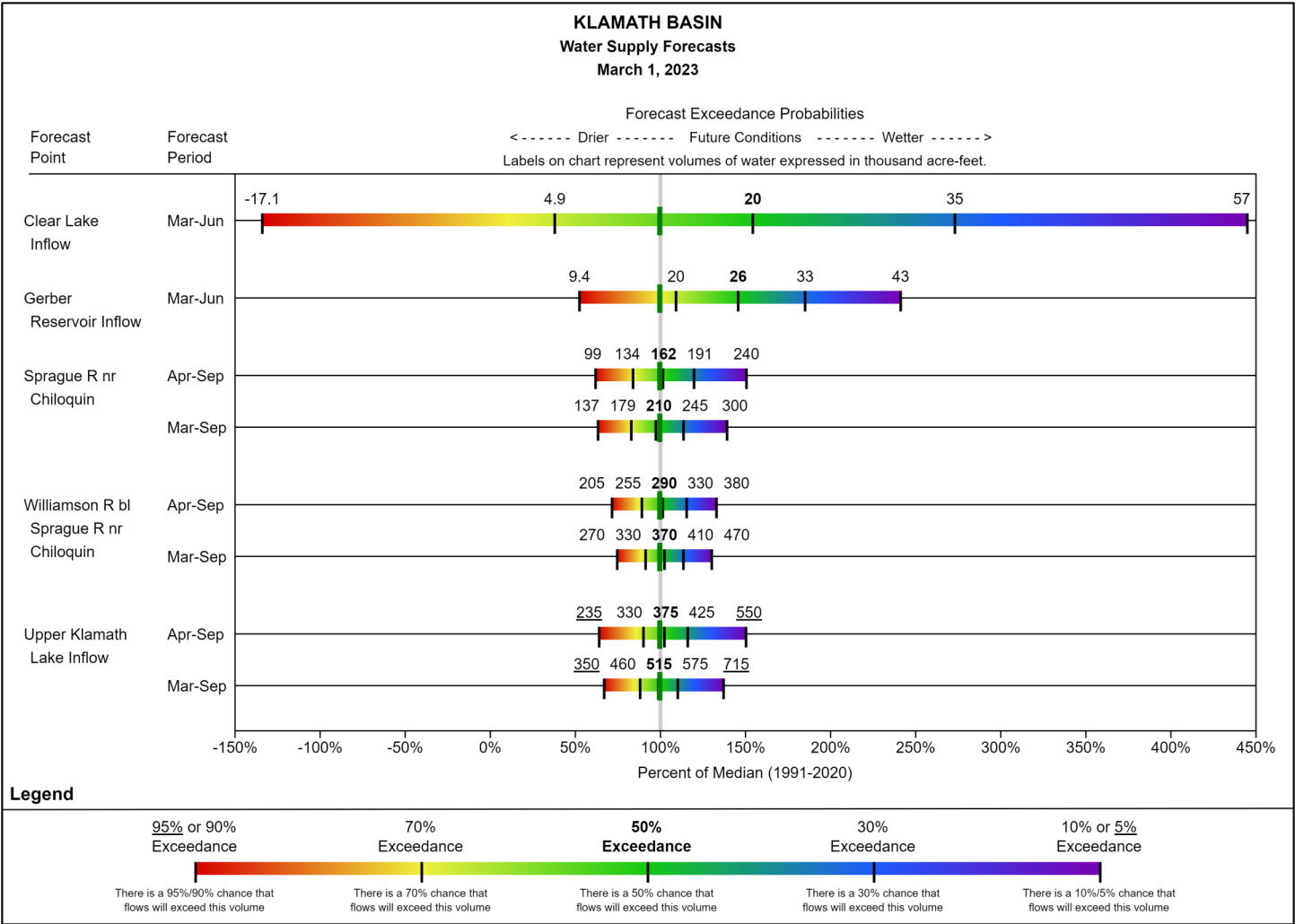
As of March 1, storage at major reservoirs in the basin ranges from 21% of median at Gerber Reservoir to 94% of median at Upper Klamath Lake.

| Klamath | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Median % Capacity | Current % Median | Last Year % Median |
|--------------------|--------------------------|----------------------------|-------------------------|---------------------------|-------------------------------|---------------------------------|------------------------------|-----------------------------|-------------------------------|
| Gerber | 9.4 | 6.5 | 46.0 | 94.3 | 10% | 7% | 49% | 21% | 14% |
| Clear Lake | 56.3 | 59.0 | 137.4 | 513.3 | 11% | 11% | 27% | 41% | 43% |
| Howard Prairie | 11.0 | 4.2 | 35.4 | 62.1 | 18% | 7% | 57% | 31% | 12% |
| Upper Klamath Lake | 361.8 | 322.6 | 385.4 | 523.7 | 69% | 62% | 74% | 94% | 84% |
| Fourmile Lake | 4.0 | 2.3 | 6.7 | 15.6 | 25% | 15% | 43% | 59% | 35% |
| Hyatt Prairie | 2.4 | 1.2 | 11.1 | 16.2 | 15% | 7% | 69% | 22% | 11% |
| Basin Index | | | | | 36% | 32% | 51% | 72% | 64% |
| # of reservoirs | | | | | 6 | 6 | 6 | 6 | 6 |

STREAMFLOW FORECAST

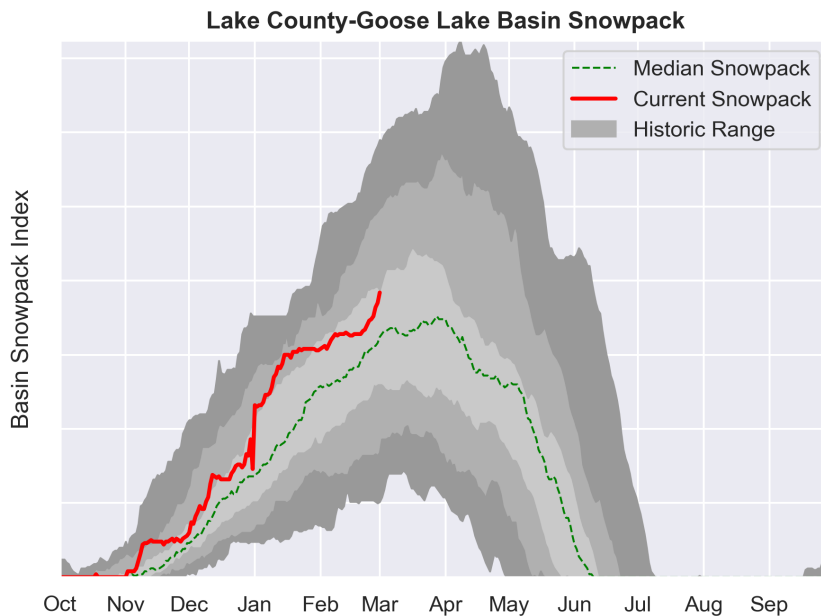
Volumetric streamflow forecasts are above normal and range from 102% to 155%.

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

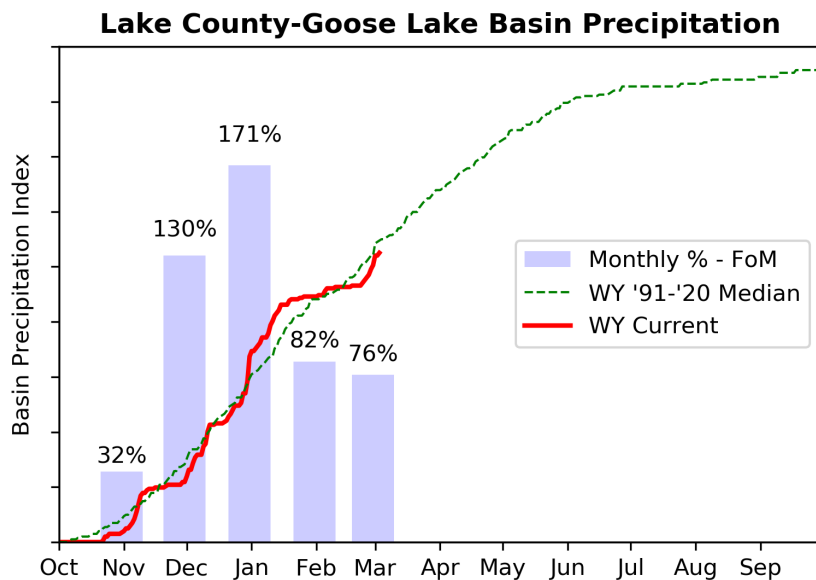
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 132% of median, slightly lower than last month when the basin snowpack was 139% of median. Snow accumulation in the basin has already exceeded the normal peak, nearly 51 month before normal peak snow accumulation.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

FoM = First of Month

February precipitation is below normal at 76% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 97% of median.

RESERVOIR STORAGE

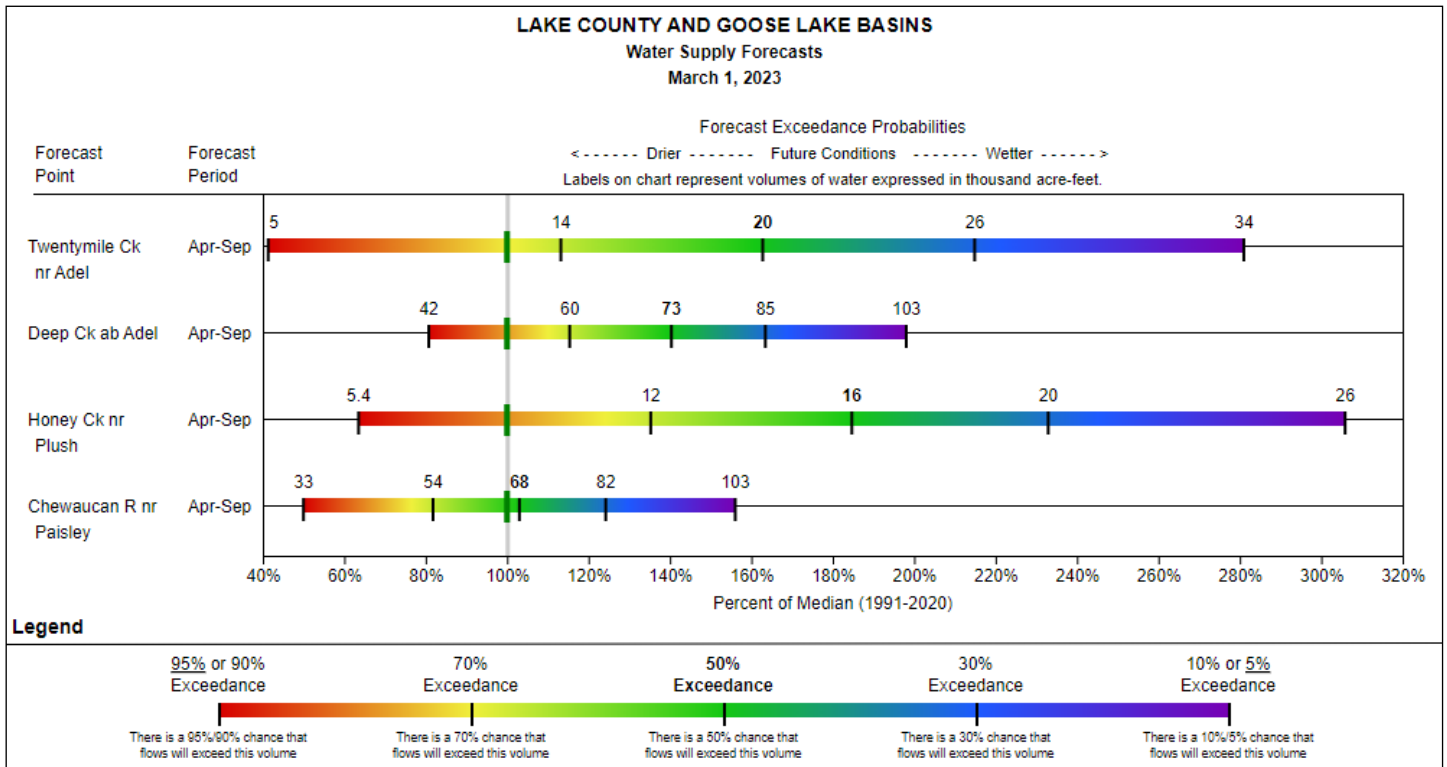
As of March 1, storage at major reservoirs in the basin ranges from 14% of median at Drews Reservoir to 47% of median at Cottonwood Reservoir.

| 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 | 1.8 | 1.4 | 3.8 | 9.3 | 19% | 15% | 41% | 47% | 36% |
| Drews | 4.2 | 3.9 | 28.9 | 63.5 | 7% | 6% | 46% | 14% | 14% |
| Basin Index | | | | | 8% | 7% | 45% | 18% | 16% |
| # of reservoirs | | | | | 2 | 2 | 2 | 2 | 2 |

STREAMFLOW FORECAST

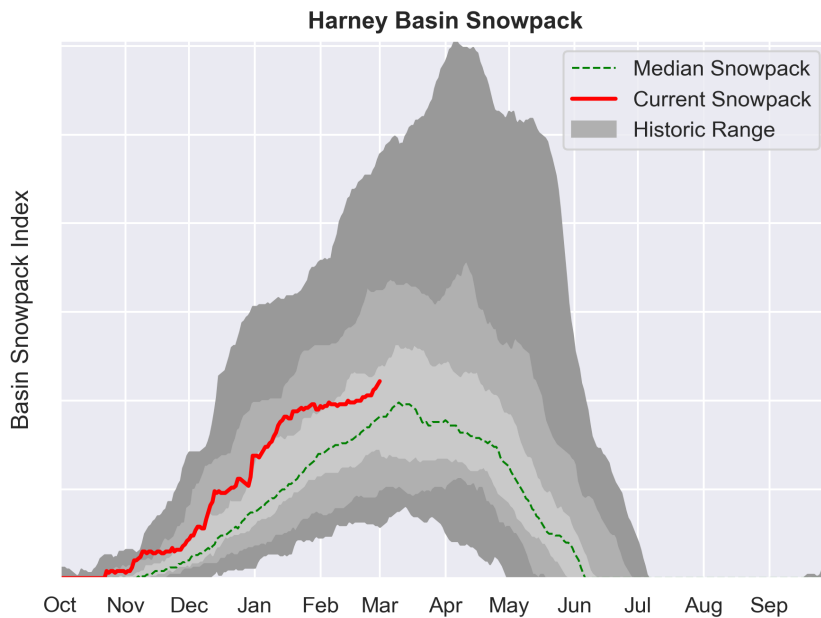
The April through September streamflow forecasts in the basin range from 103% to 185%.

For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



Harney Basin Summary

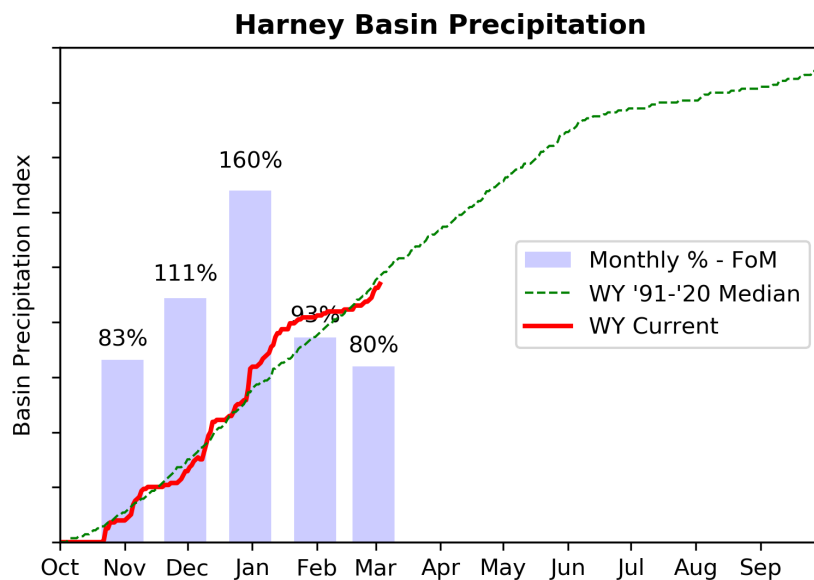
SNOWPACK



► View snowpack for individual sites by accessing the basin data report [here](#).

As of March 1, the basin snowpack is 142% of median, lower than Feb. 1 when the basin snowpack was 159% of median. Snow accumulation in the basin has already exceeded the normal peak, nearly 2 months before normal peak snow accumulation.

PRECIPITATION



► View precipitation for individual sites by accessing the basin data report [here](#).

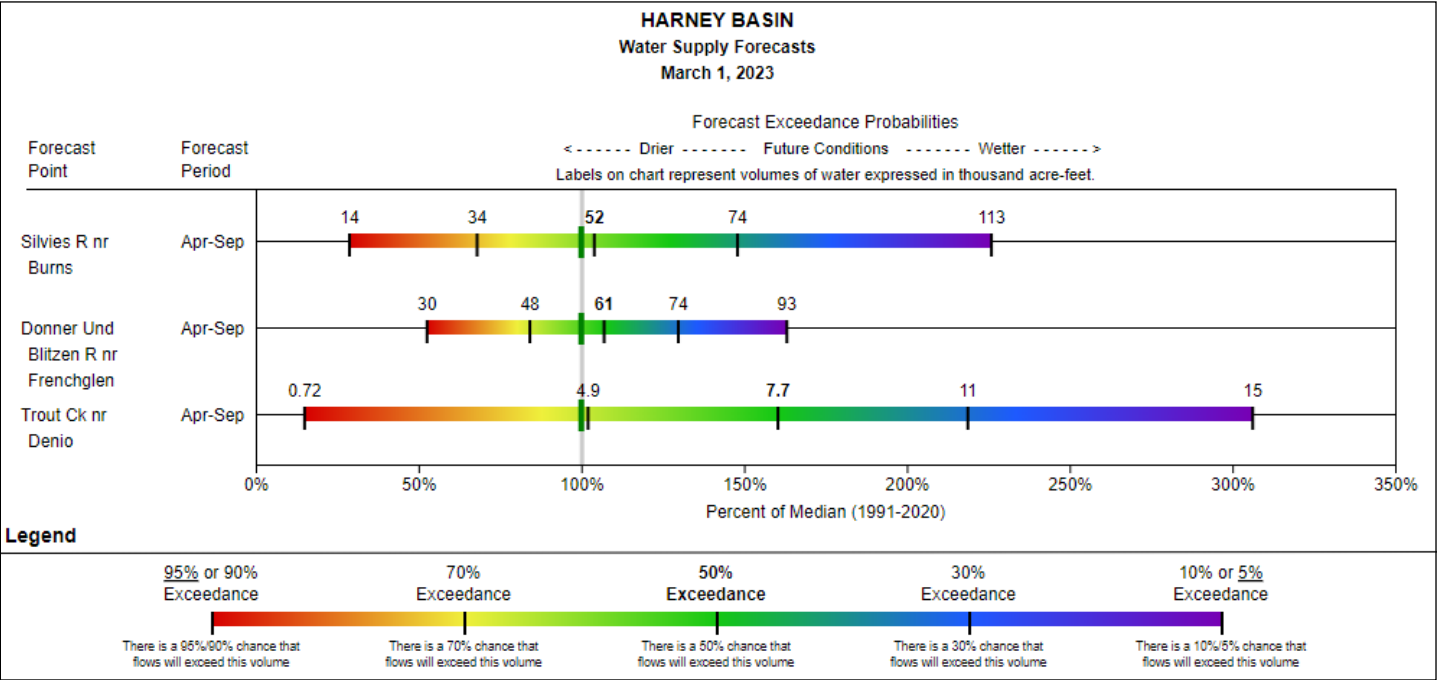
FoM = First of Month

February precipitation is slightly below normal at 80% of median. Precipitation since the beginning of the water year (October 1 - March 1) is 103% of median.

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin range from 104% to 160% 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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This publication may be found online at:

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