

# Washington Water Supply Outlook Report

*February 1, 2024*



**Above-freezing temperatures during the latter half of January contributed to a receding snowline at Hurricane Ridge on the Olympic Peninsula. As of February 1st, snowpack is 25% of normal at Waterhole SNOTEL station located in the Elwha watershed.**

*Photo taken by Bill Baccus, Olympic National Park (January 30, 2024)*

# Contents

<b>Conditions Overview .....</b>	<b>3</b>
<b>North Puget Sound Basin .....</b>	<b>11</b>
<b>Central Puget Sound Basin.....</b>	<b>13</b>
<b>South Puget Sound Basin.....</b>	<b>15</b>
<b>Olympic Basin.....</b>	<b>17</b>
<b>Upper Columbia Basin .....</b>	<b>19</b>
<b>Central Columbia Basin.....</b>	<b>21</b>
<b>Lower Columbia Basin .....</b>	<b>23</b>
<b>Upper Yakima Basin .....</b>	<b>25</b>
<b>Lower Yakima Basin.....</b>	<b>27</b>
<b>Naches Basin .....</b>	<b>29</b>
<b>Klickitat Basin .....</b>	<b>31</b>
<b>Lower Pend Oreille Basin .....</b>	<b>33</b>
<b>Spokane Basin .....</b>	<b>35</b>
<b>Lower Snake-Walla Walla Basins.....</b>	<b>37</b>
<b>Resources.....</b>	<b>39</b>

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# Conditions Overview

## Summary

January was a month of stark contrast. While it began with low snowpack and higher-than-normal temperatures—historically characteristic of a strong El Niño, a destabilized polar jet stream swept across the region starting on 1/7. This brought unseasonably cold temperatures and much needed snow accumulation in the mountains. Stations in the Washington Cascades received nearly 5.2 ft of snow in the southern region and up to 2.8 ft in the north, in north-eastern WA up to 1.3 ft, and in the Olympic Peninsula up to 2.6 ft.

However, in mid-January, El Niño once again dominated the weather pattern, with temperatures becoming anomalously warm and atmospheric rivers bringing rain to higher elevations in the mountains. Early in the 2nd half of January, notably at SNOTEL sites in the Puget Sound Basin, minor rain-on-snow events and above-freezing temperatures likely warmed the snowpack, increasing its susceptibility to melting. Then, on 1/26, a major storm impacted the state which result-ed in substantial melting of snowpack at several SNOTEL stations. Significant melting continued as a mid-winter heatwave proceeded the storm. Some higher elevation stations in the Washington Cascades lost as much as 8 inches of snow water equivalent (SWE; a measure of the water content stored in snowpack) during this period. A few stations in the Olympic Peninsula and along the western front of the Cascades recorded their [largest or 2nd largest decline in snowpack](#) on record for the 2nd half of January. Due to active storm patterns in January water year-to-date precipitation as percent of normal improved at most SNOTEL sites.

Water supply forecasts overall were marginally impacted by conditions in January, mostly due to the still comparatively low predictive skill of early season forecasts. The summer outlook for water supply will come into clearer focus, with predictive skill for forecasts improving, as the historic period of peak snowpack (between mid-March and early April) approaches.

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



**Kevin Johnson, Watershed Inspector, records manual snow measurements to groundtruth automated data produced by the Skookum Creek SNOTEL site located in the Tolt watershed.**

**As of February 1st, snowpack is 38% of normal at Skookum Creek SNOTEL.**

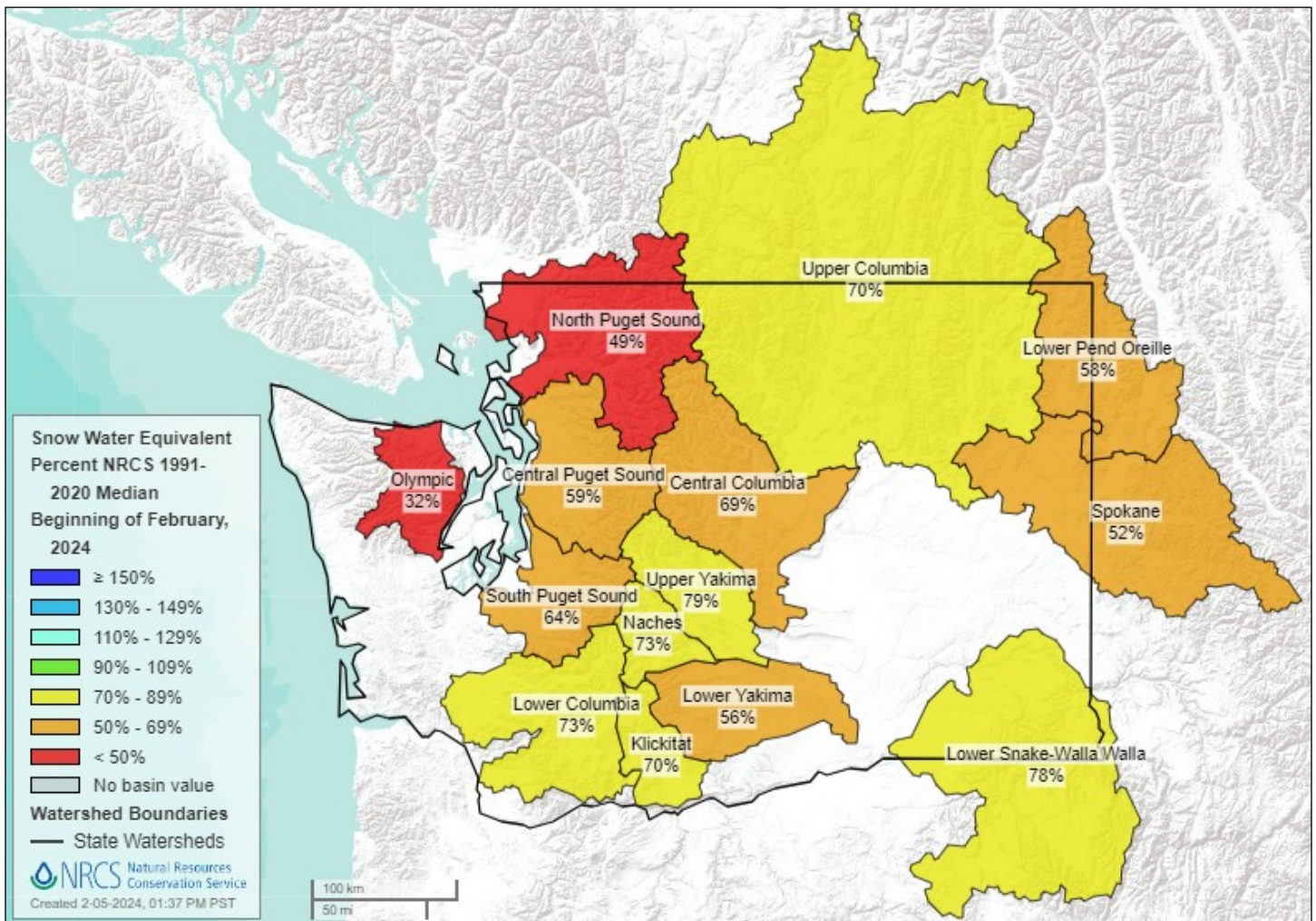
*Photo taken by Mark Hopf, Seattle Public Utilities (January 29, 2023)*



## Snowpack

While colder storms in the first half of January provided a much needed boost to snowpack across the state, warmer temperatures and rain-on-snow in the 2<sup>nd</sup> half pared back some gains, and in some cases erased gains altogether. Substantial melting occurred across the western front of the Cascades, the Olympic Peninsula, and near Mt. Baker. Some other stations did experience some melting, but snowpack at those stations generally remained more stable.

Snowpack at most SNOTEL stations in Washington is below to well-below normal, with only a few stations near normal. Several sites from the Olympic Peninsula, across the northern Cascades and toward the Idaho border, are experiencing a snow drought.

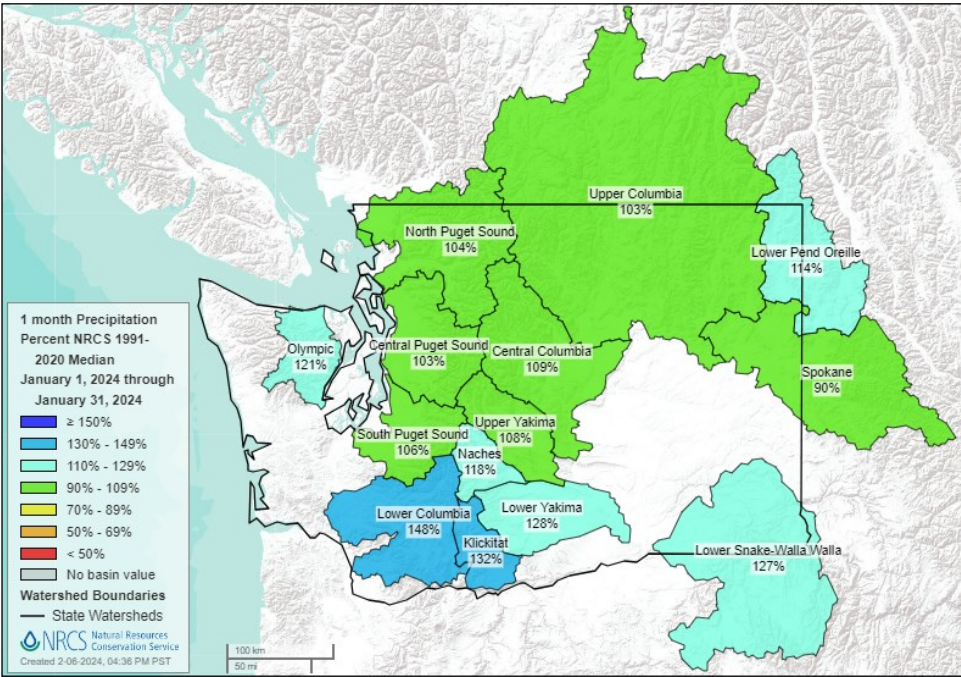


Basin snowpack (% of median) as of February 1.



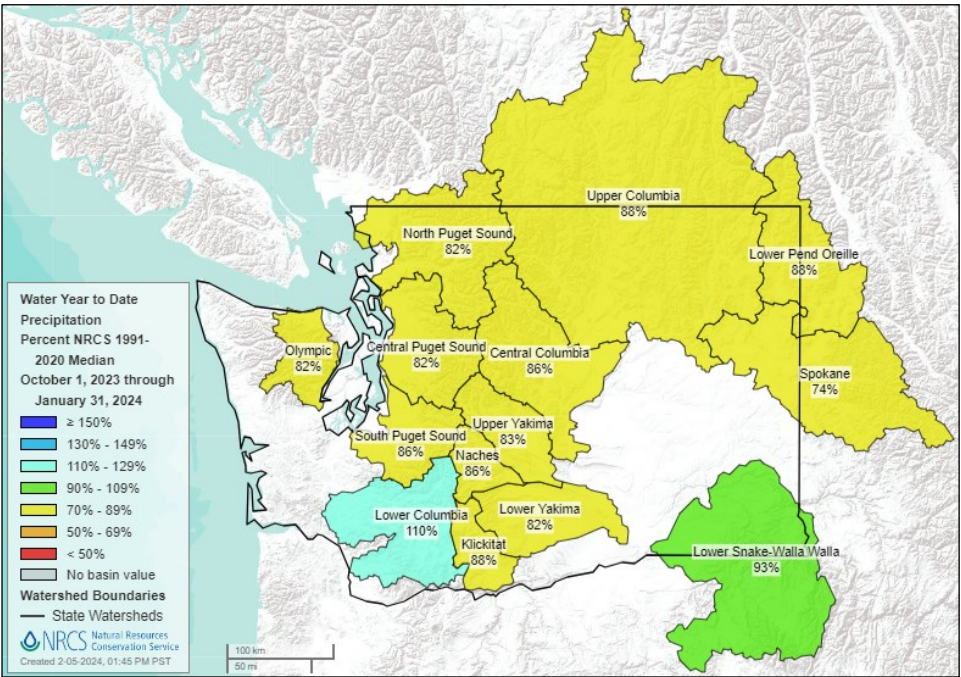
Precipitation

January precipitation across Washington varied, with most sites near to above normal due to active storm patterns throughout much of the month. Near to above-normal monthly precipitation improved WYTD precipitation deficits across the central and northern Washington Cascades and the Olympic Peninsula; however, slight to moderate deficits still persist in those regions. WYTD precipitation is near to above normal for most of the southern Cascades, Wenatchee Mountains, and much of northeastern Washington.



Monthly

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



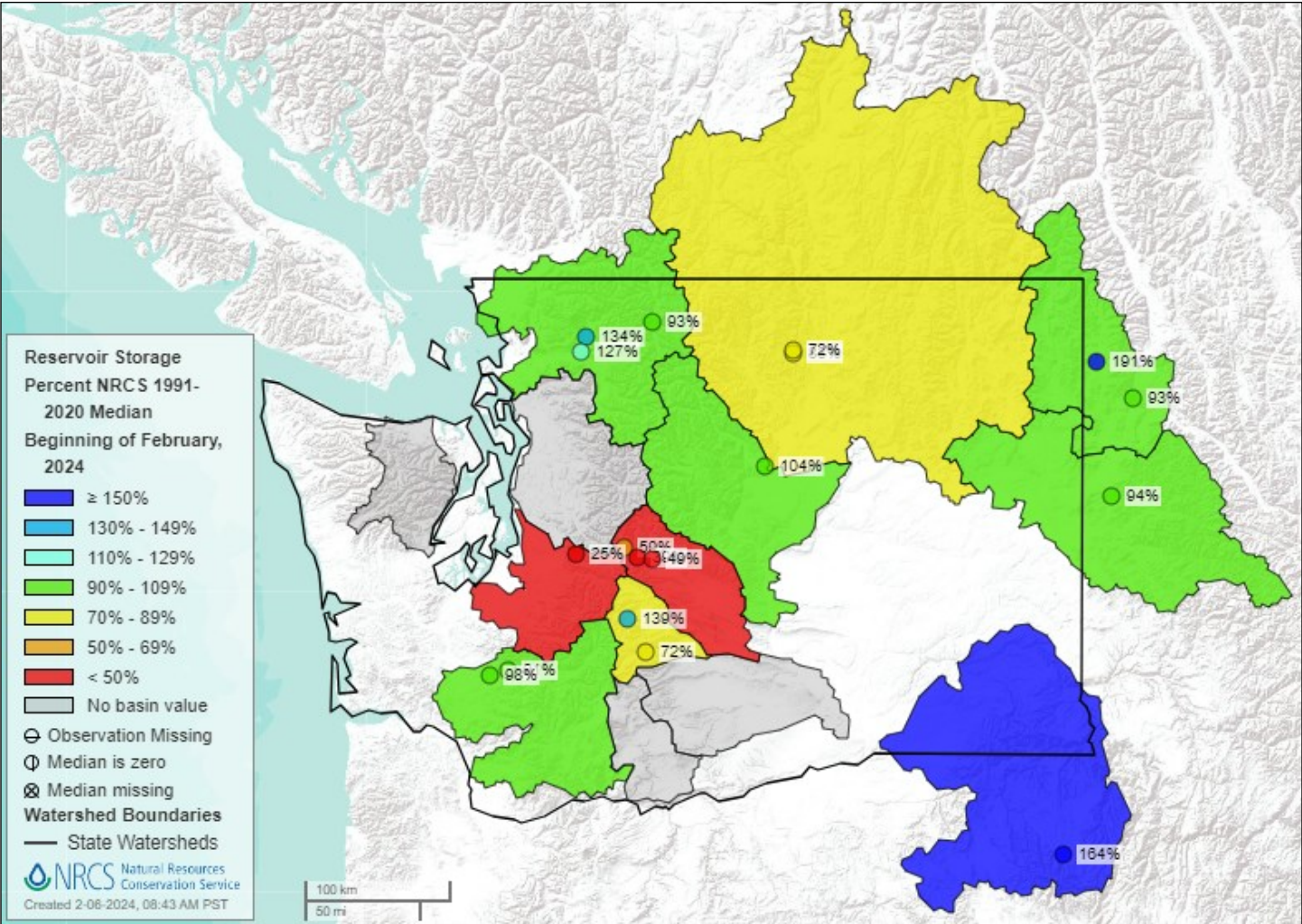
Water Year

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

Reservoirs

Volumetric storage for reservoirs across Washington is variable, ranging from 134% at Upper Baker to 25% of normal at Howard Hanson. Reservoir storage values, notably this early in the season, 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 median) as of February 1

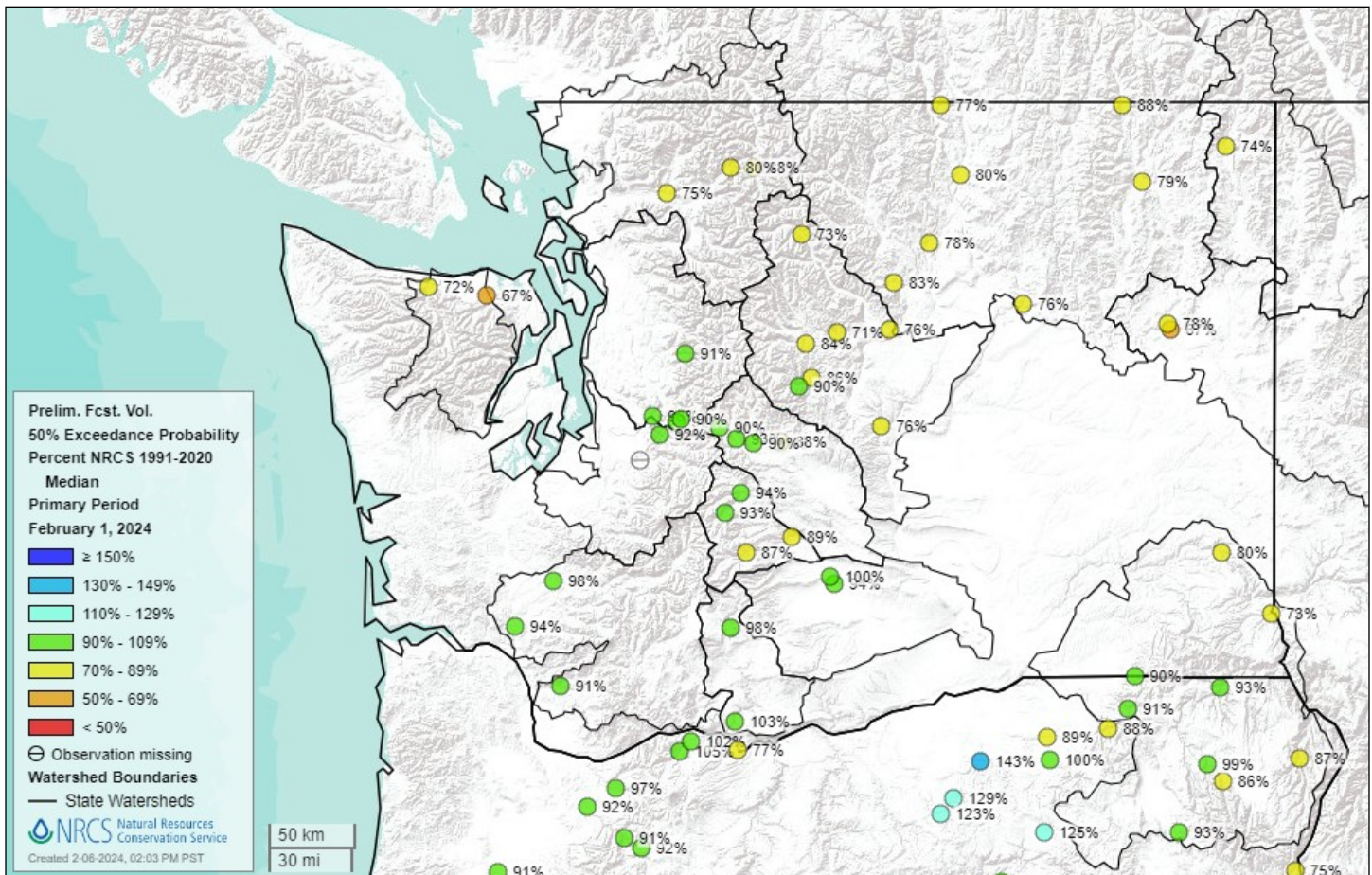


## Streamflow

Volumetric streamflow across Washington varies. Streamflow at stream gage sites near the I-90 corridor in the Cascades is near to below normal, including lower-elevation stream gage sites in the Yakima watershed. Elsewhere, streamflow is generally near to above normal.

As of February 1st, water supply forecasts (WSF) have generally improved since January 1st across much of the central and southern Washington Cascades. Some WSFs have declined but remain mostly slightly below normal across the Olympic Peninsula and into northeastern Washington. While there have been some marginal improvements and degradation in regions, predictive skill for most WSFs remains comparatively low (i.e., current conditions are a poor predictor for summer water supply) this early in the season. The 50%-exceedance for WSFs tends nearer the climatological normal when predictive skill is sufficiently low, which may or may not be more inclusively reflective of conditions. As the season progresses, the predictive skill of most WSFs will improve as the historic period of peak snowpack (between mid-March and early April) approaches. Forecast-product users should bear this and any model uncertainty (quantitatively captured by exceedance intervals) in mind when interpreting WSFs for decision making.

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



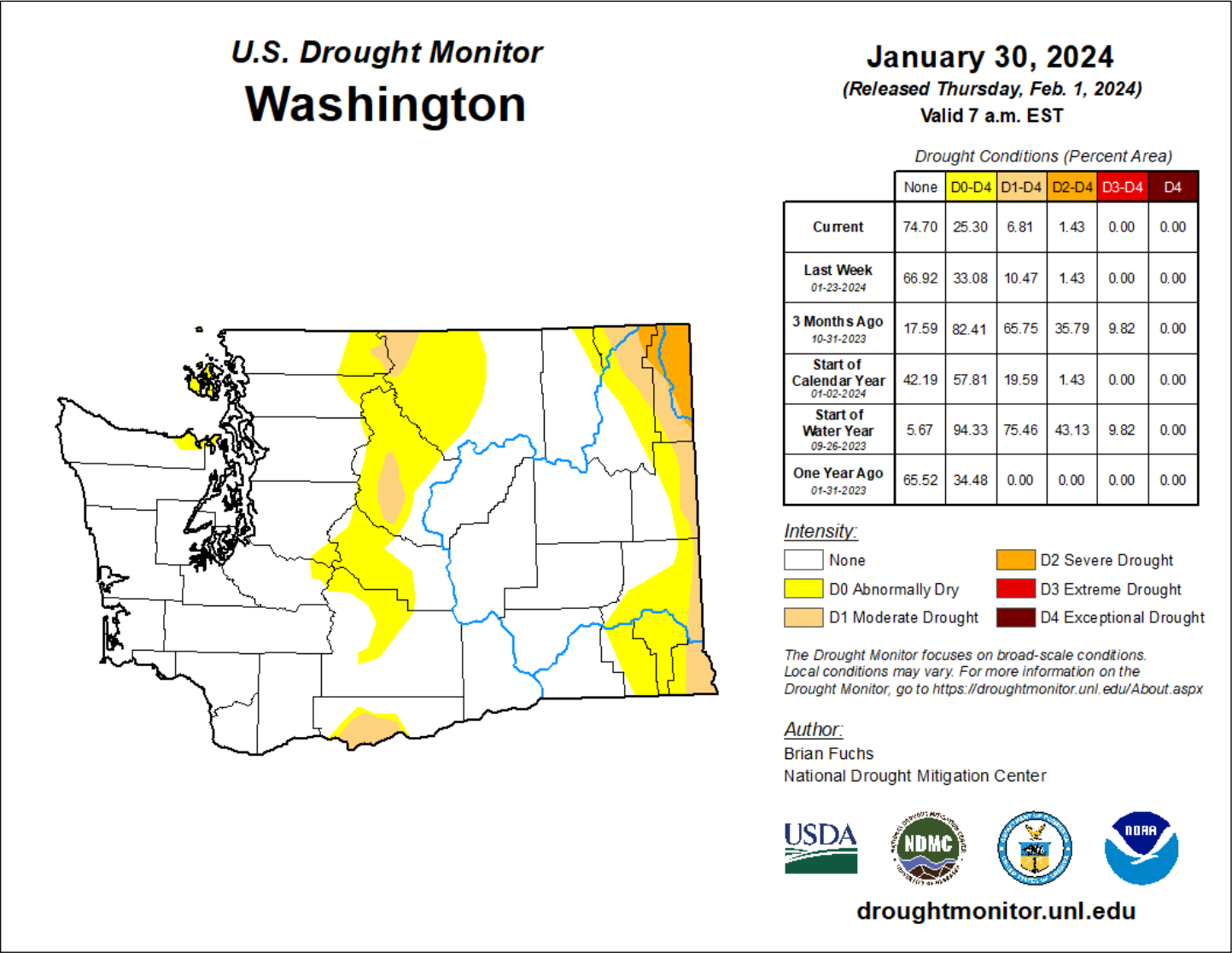
Streamflow forecasts (% of normal) for the primary period as of February 1



Drought

Drought distribution in Washington is primarily distributed along the Washington and Idaho border, with are-as of drought along the leeward side of the Cascades. As of January 30th, nearly 7% of the state is in some drought category (D1-D2, Moderate to Extreme Drought), with no extreme to exceptional drought.

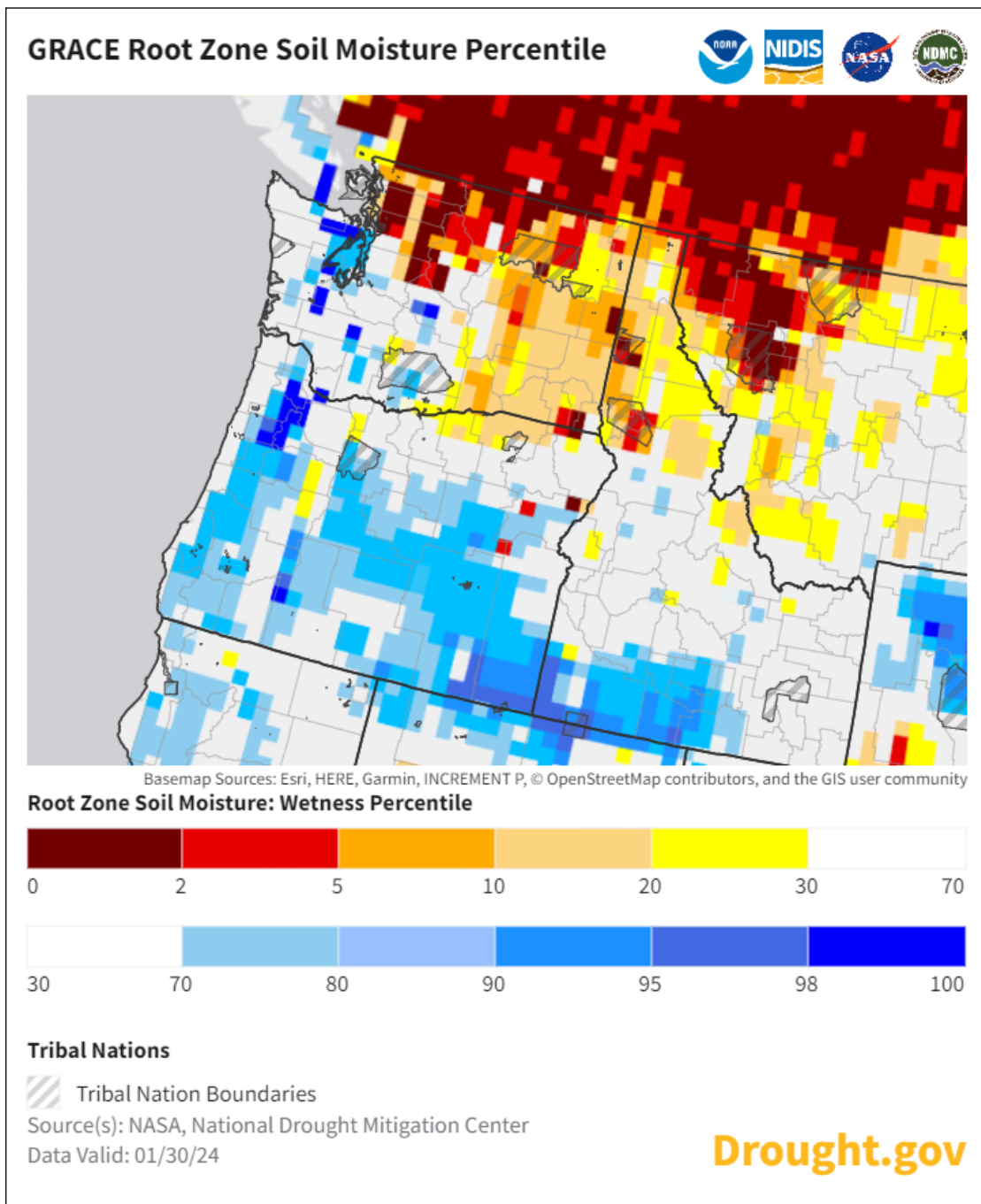
At the beginning of the water year, 75% of the state was in some drought category (D1-D4), and 43% of the state in severe to extreme drought (D2-D4).



## Soils

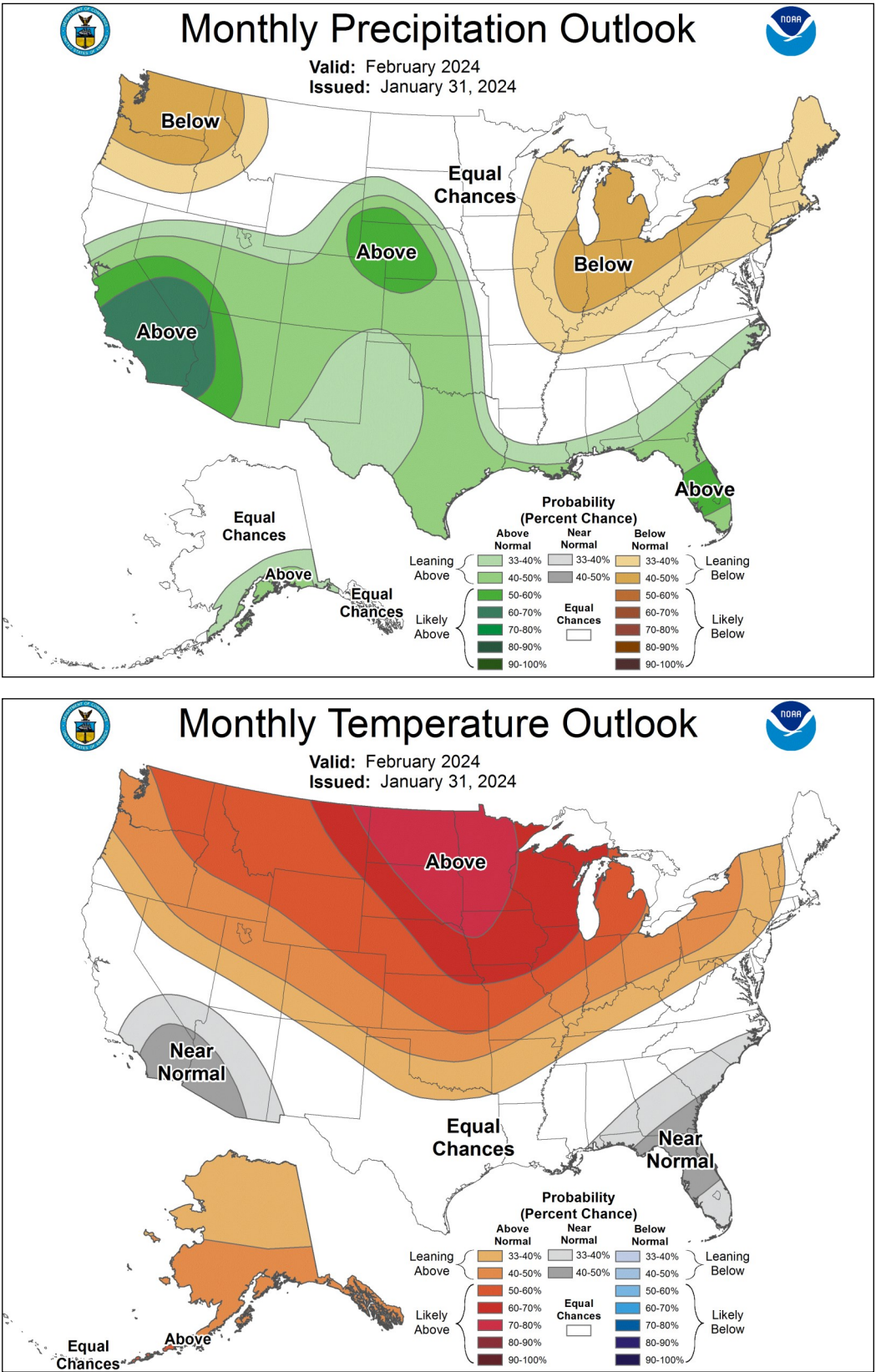
The NASA GRACE product for root-zone soil moisture indicates dry soil profiles in the northern Cascades and more moderately dry profiles across eastern Washington.

Soil moisture conditions are useful in assessing current drought and future drought potential. In addition, soil moisture is generally a good indicator of the 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). Soil moisture is generally restored each year during the late fall and early winter before precipitation falls predominantly as snow. Therefore, early-season soil moisture can be essential for increasing runoff efficiency in the spring.



1-Month Outlook

The Climate Prediction Center’s 1-month climatic outlook calls for a greater chance of above-normal temperatures and below-normal precipitation across Washington.

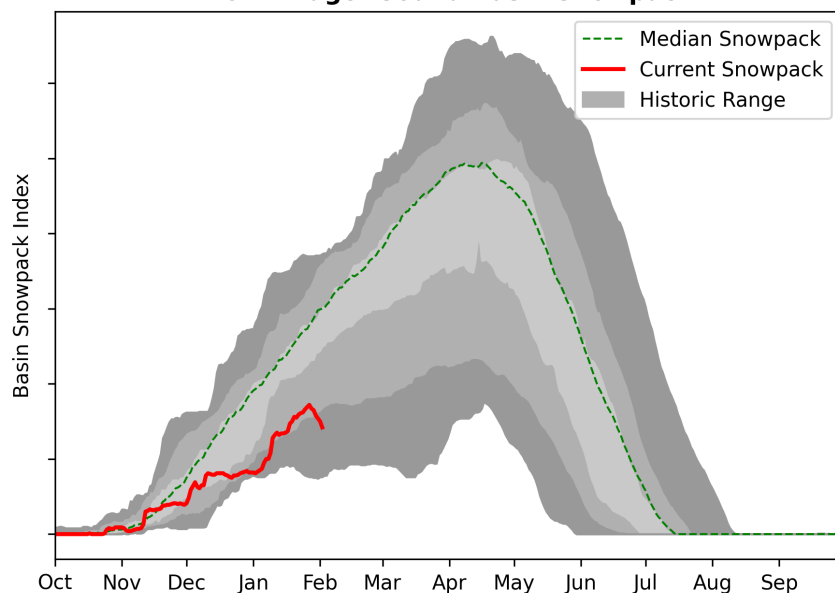




# North Puget Sound Basin Summary

## SNOWPACK

North Puget Sound Basin Snowpack

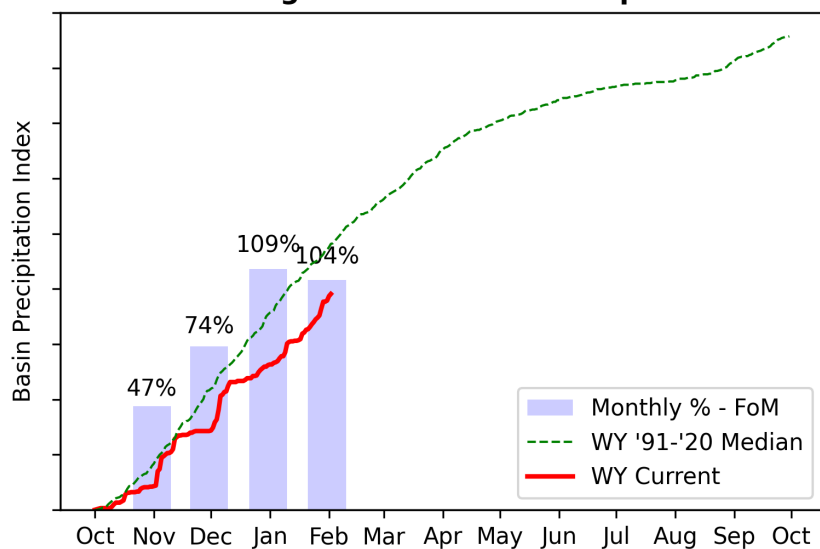


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 49% of median. This is slightly higher than January 1 when the basin snowpack was 43% of median.

## PRECIPITATION

North Puget Sound Basin Precipitation



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

FoM = First of Month

February precipitation is slightly above normal at 104% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 82% of median.

RESERVOIR STORAGE

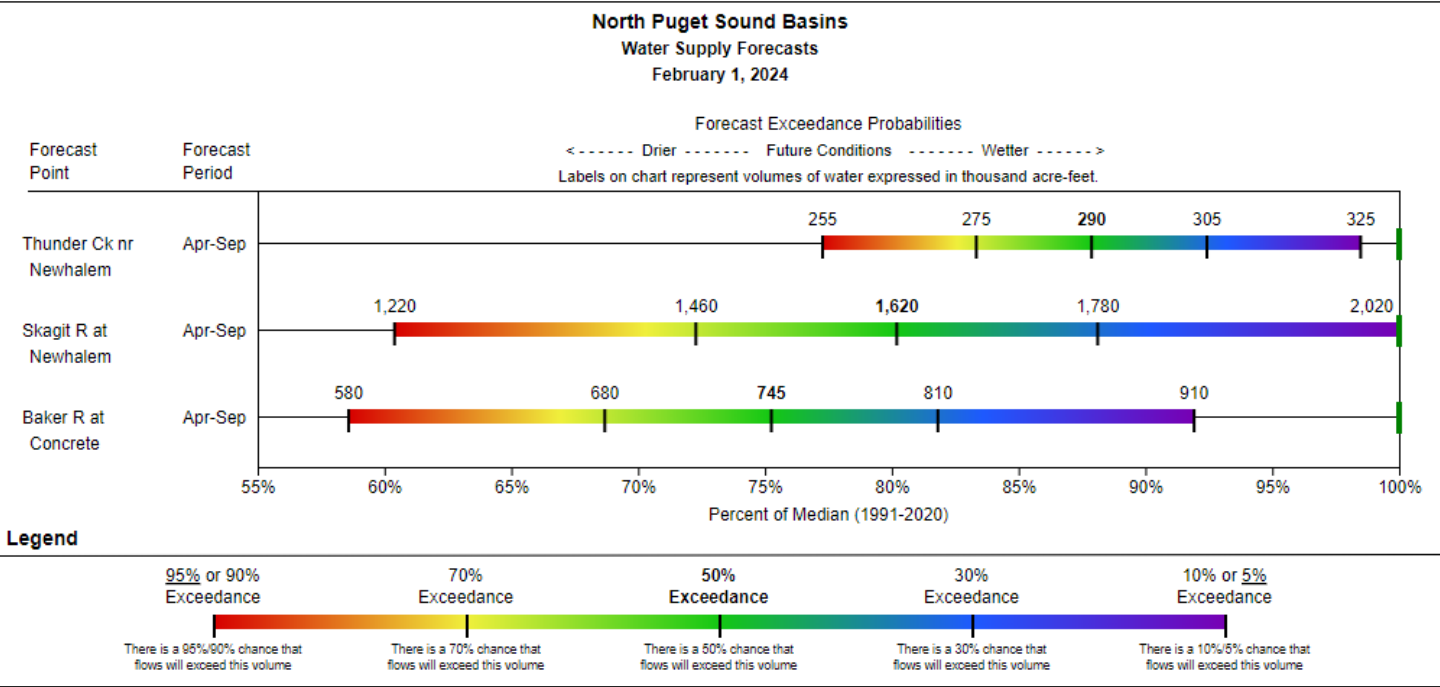
As of February 1, storage at Upper Baker Reservoir is 134% of median. Volumetric storage at Lake Shannon is 127% of median, and 93% of median at Ross Lake.

North Puget Sound	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Upper Baker	134.7	90.1	100.2					134%	90%
Lake Shannon	127.4	74.0	100.0					127%	74%
Ross	922.4	848.4	995.6	1434.7	64%	59%	69%	93%	85%
Basin Index					64%	59%	69%	99%	85%
# of reservoirs					1	1	1	3	3

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 75% to 88% of median.

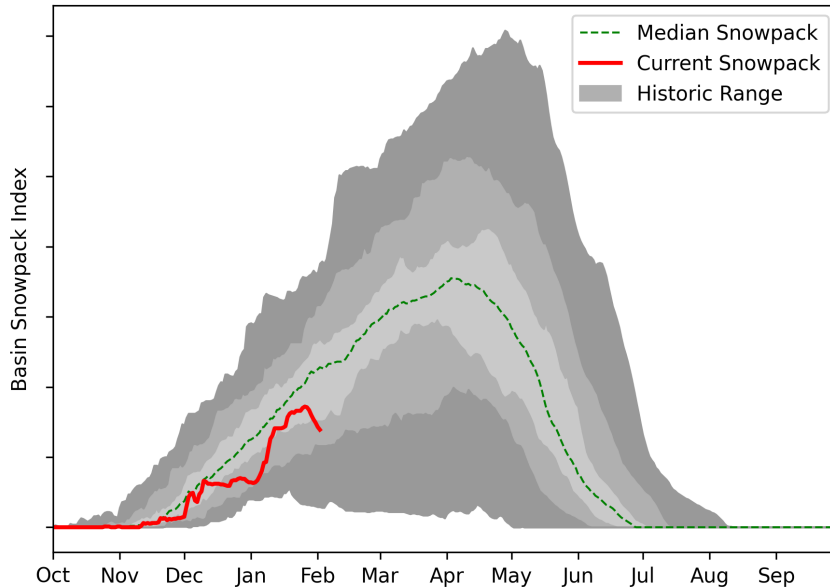
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



# Central Puget Sound Basin Summary

## SNOWPACK

Central Puget Sound Basin Snowpack

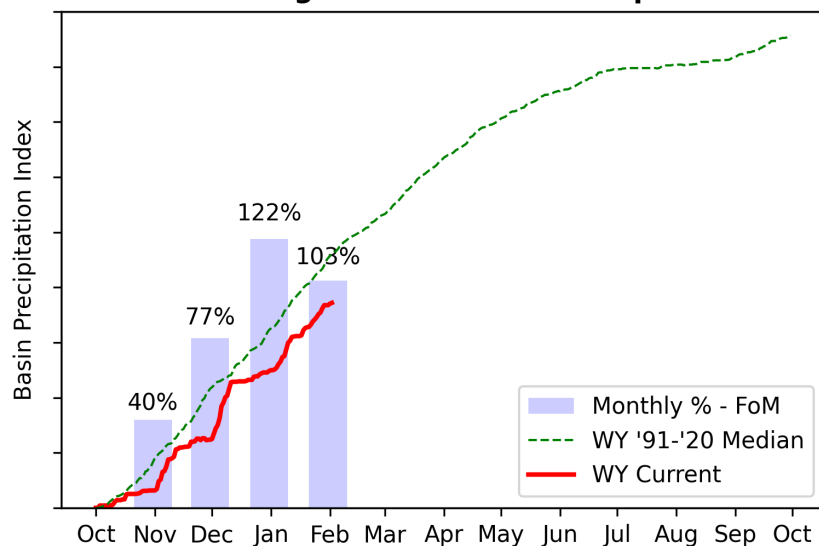


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 59% of median. This is slightly higher than January 1 when the basin snowpack was 49% of median.

## PRECIPITATION

Central Puget Sound Basin Precipitation



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

FoM = First of Month

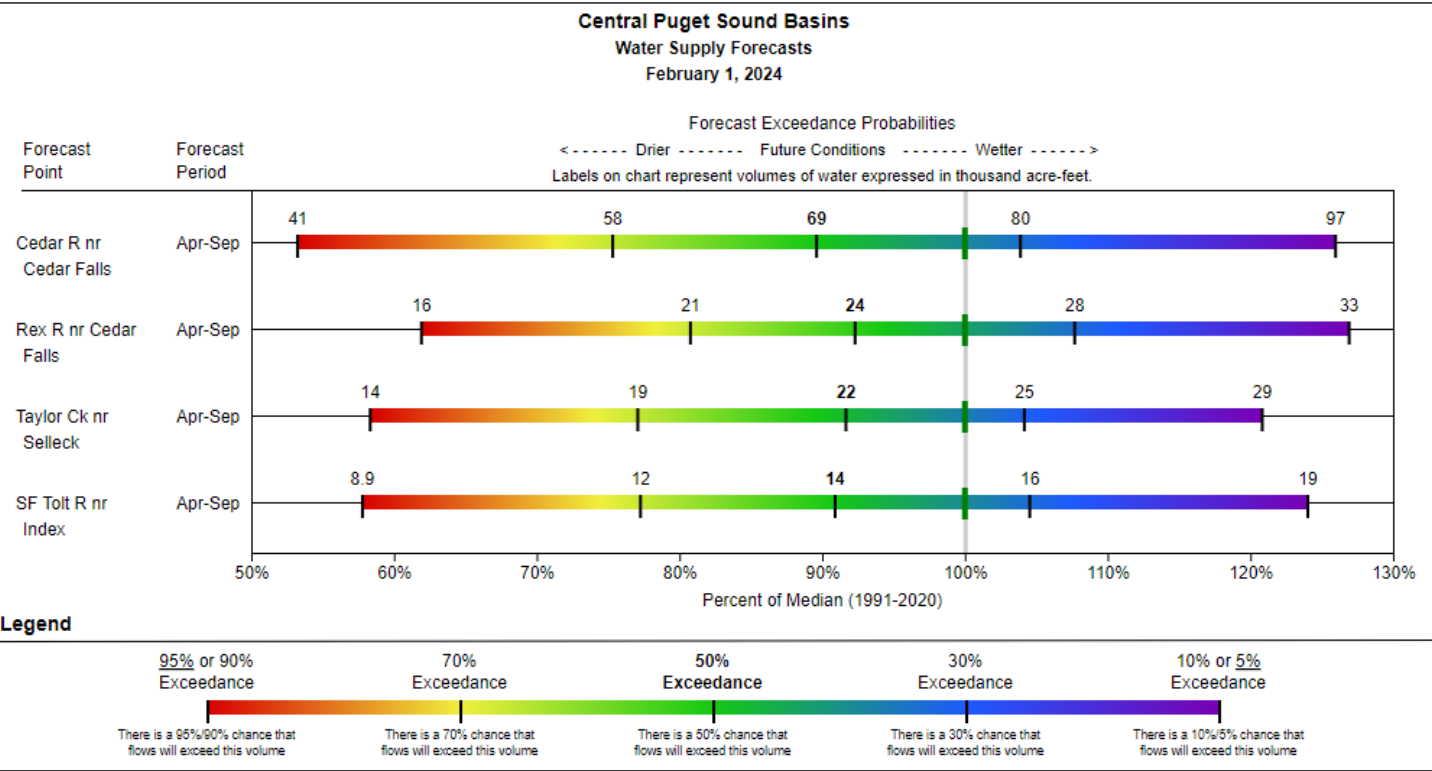
February precipitation is slightly above normal at 103% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 82% of median.



STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are near normal and range from 90% to 96% of median.

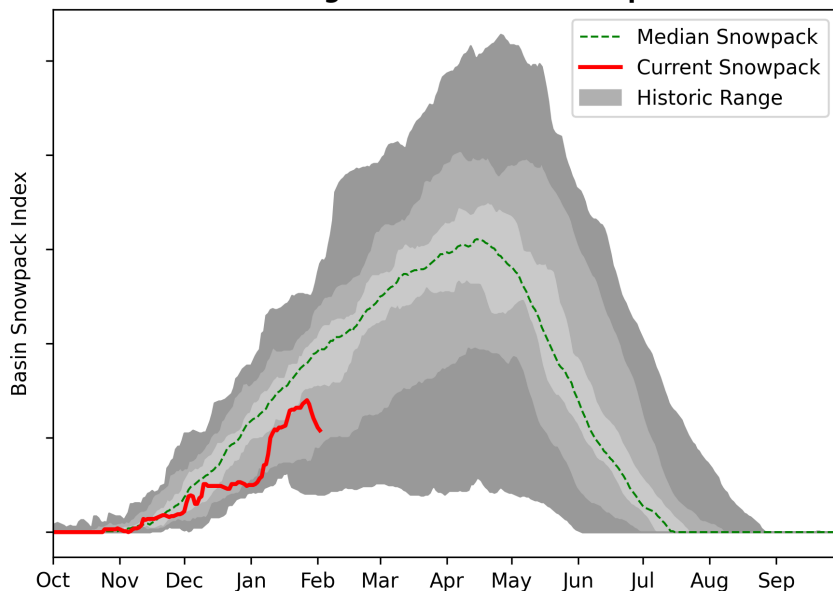
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



# South Puget Sound Basin Summary

## SNOWPACK

South Puget Sound Basin Snowpack

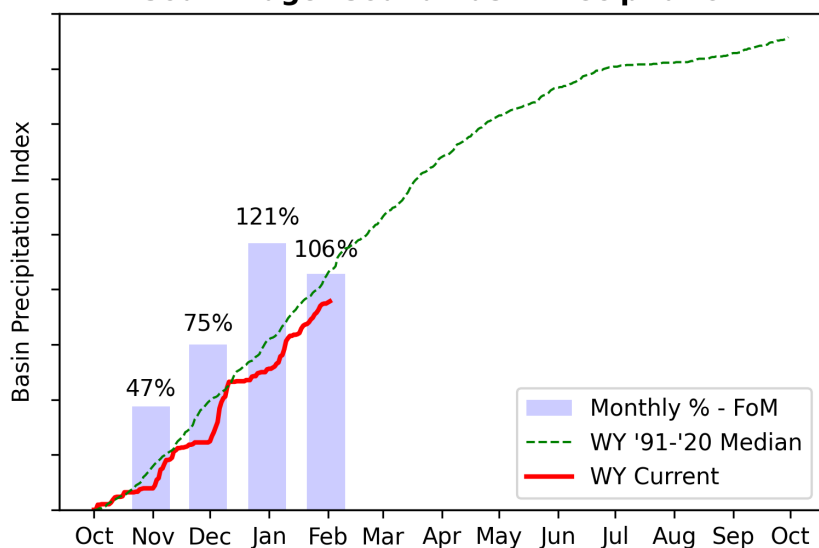


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 64% of median. This is slightly higher than January 1 when the basin snowpack was 48% of median.

## PRECIPITATION

South Puget Sound Basin Precipitation



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

FoM = First of Month

February precipitation is slightly above normal at 106% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 86% of median.

RESERVOIR STORAGE

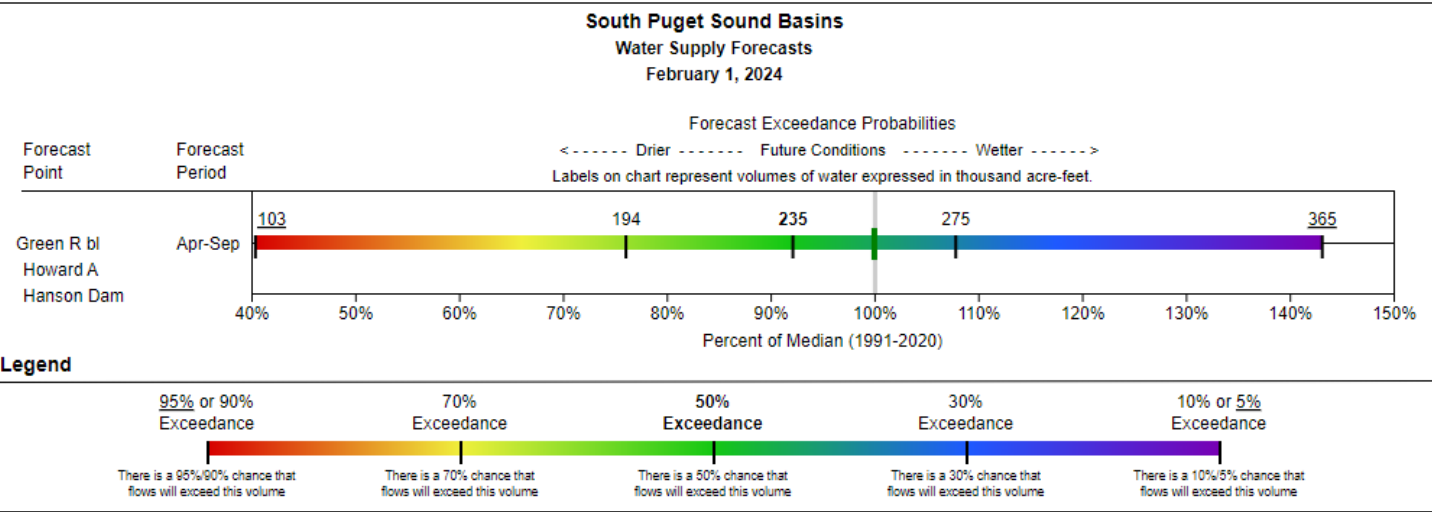
As of February 1, storage at Howard Hanson Reservoir is below normal at 25% of median.

South Puget Sound		Current	Last Year	Median	Capacity	Current %	Last Year %	Median %	Current %	Last Year %
		(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Capacity	Capacity	Median	Median
Howard Hansen		0.5	0.5	2.0					25%	23%
Basin Index						%	%	%	25%	23%
# of reservoirs						0	0	0	1	1

STREAMFLOW FORECAST

The April through September streamflow forecast for Green R bl Howard Hanson Dam is 92% of median.

For data in tabular format, non-primary period data, and data for the new forecast point above, please view the basin data reports [here](#).

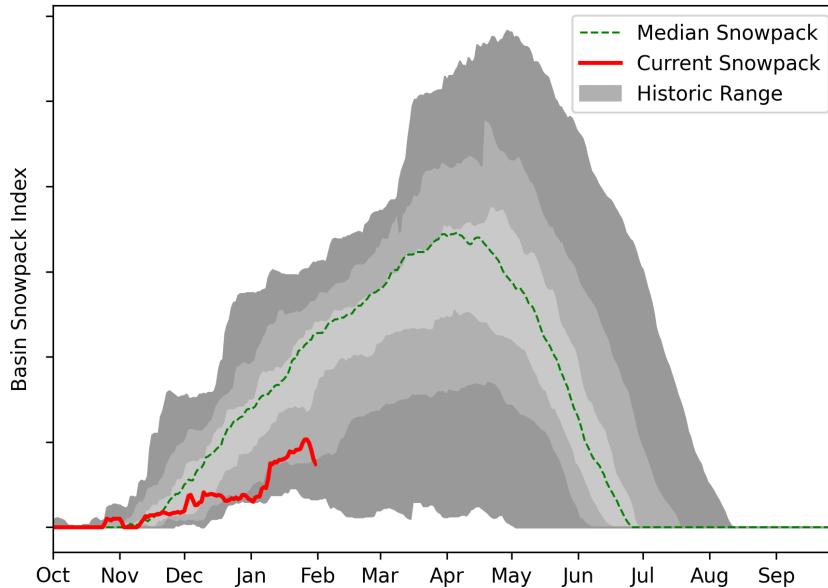




# Olympic Basin Summary

## SNOWPACK

Olympic Basin Snowpack

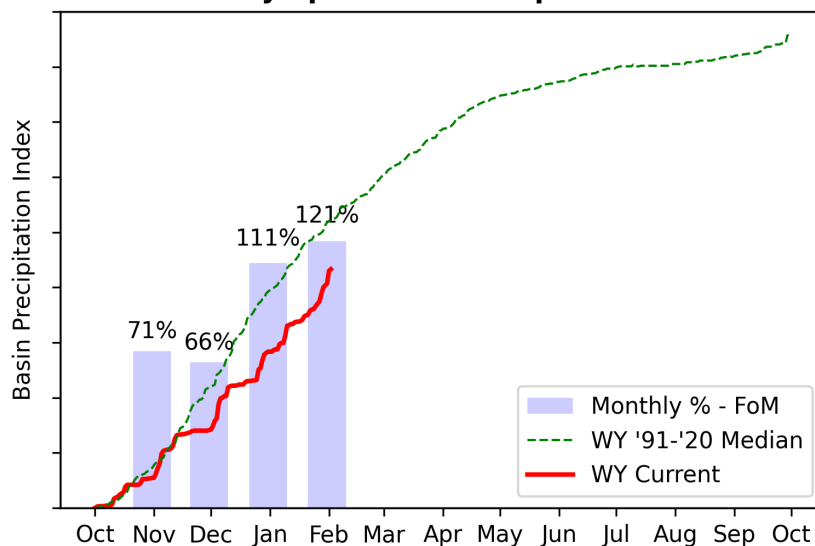


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 32% of median. This is slightly higher than January 1 when the basin snowpack was 23% of median.

## PRECIPITATION

Olympic Basin Precipitation



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

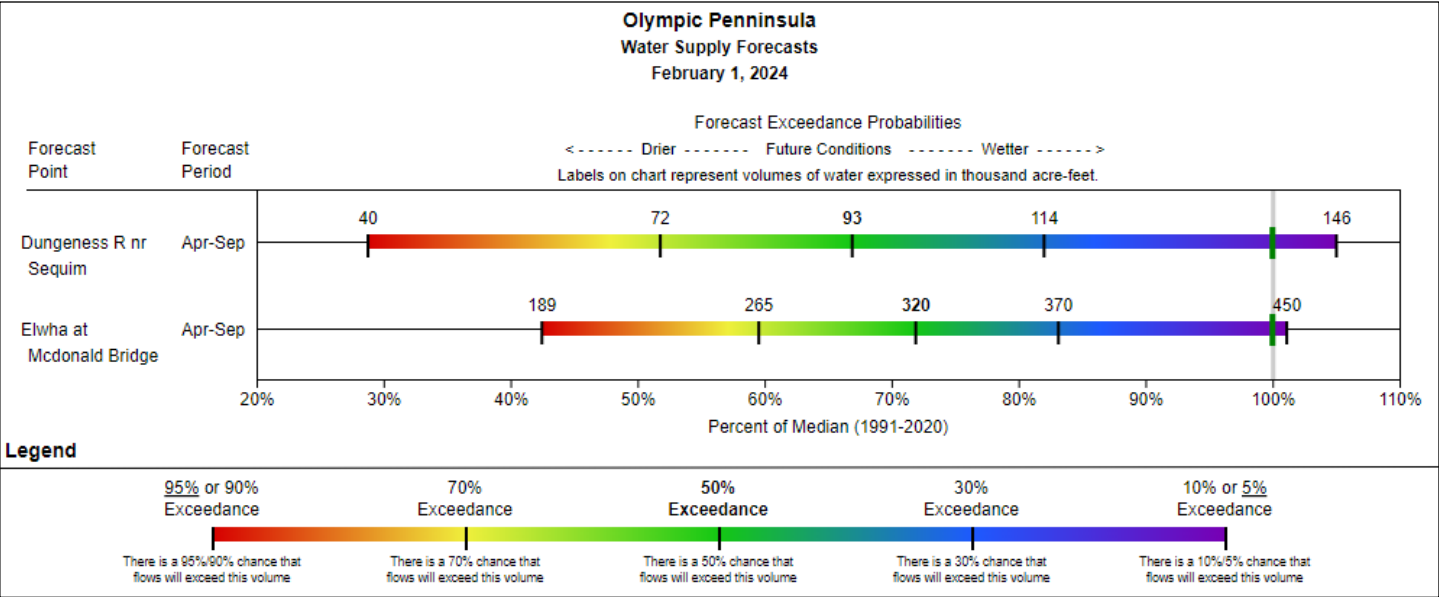
FoM = First of Month

February precipitation is above normal at 121% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 82% of median.

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin range from 67% to 72% of median.

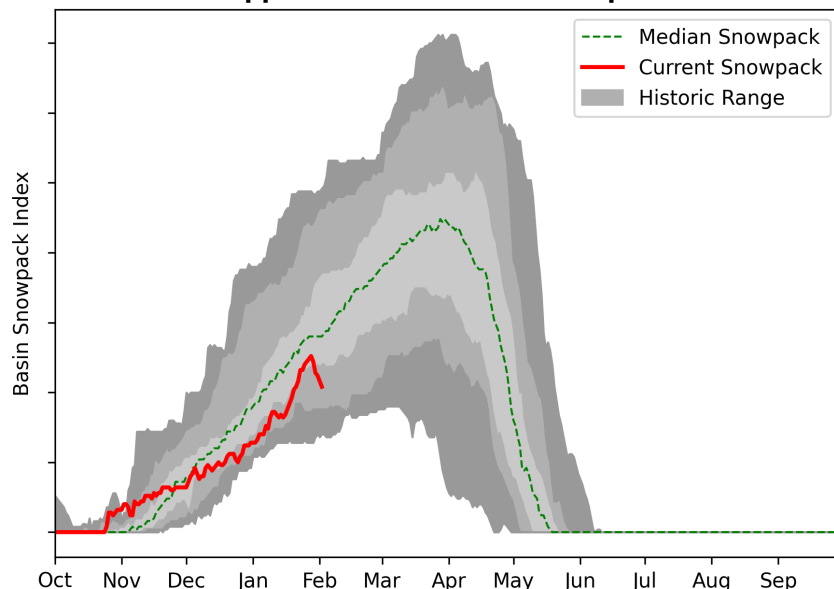
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



# Upper Columbia Basin Summary

## SNOWPACK

Upper Columbia Basin Snowpack

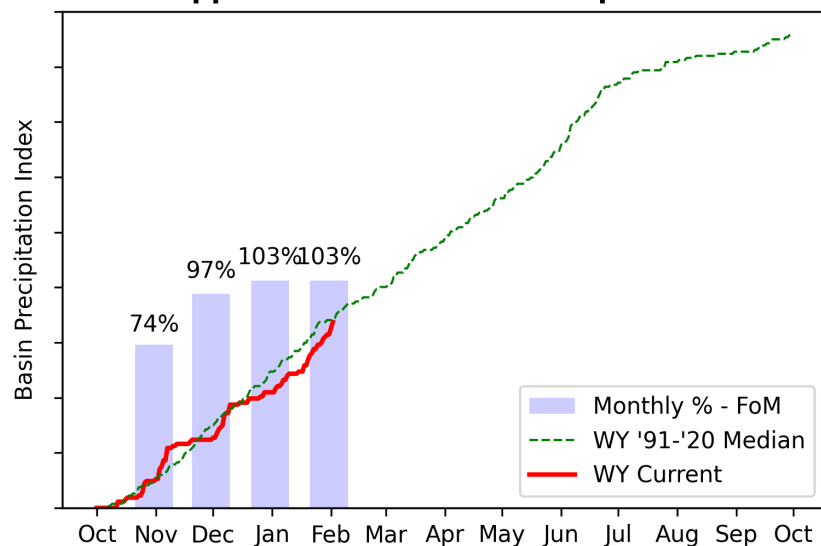


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 70% of median. This is slightly higher than January 1 when the basin snowpack was 59% of median.

## PRECIPITATION

Upper Columbia Basin Precipitation



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

FoM = First of Month

February precipitation is slightly above normal at 103% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 88% of median.

## RESERVOIR STORAGE

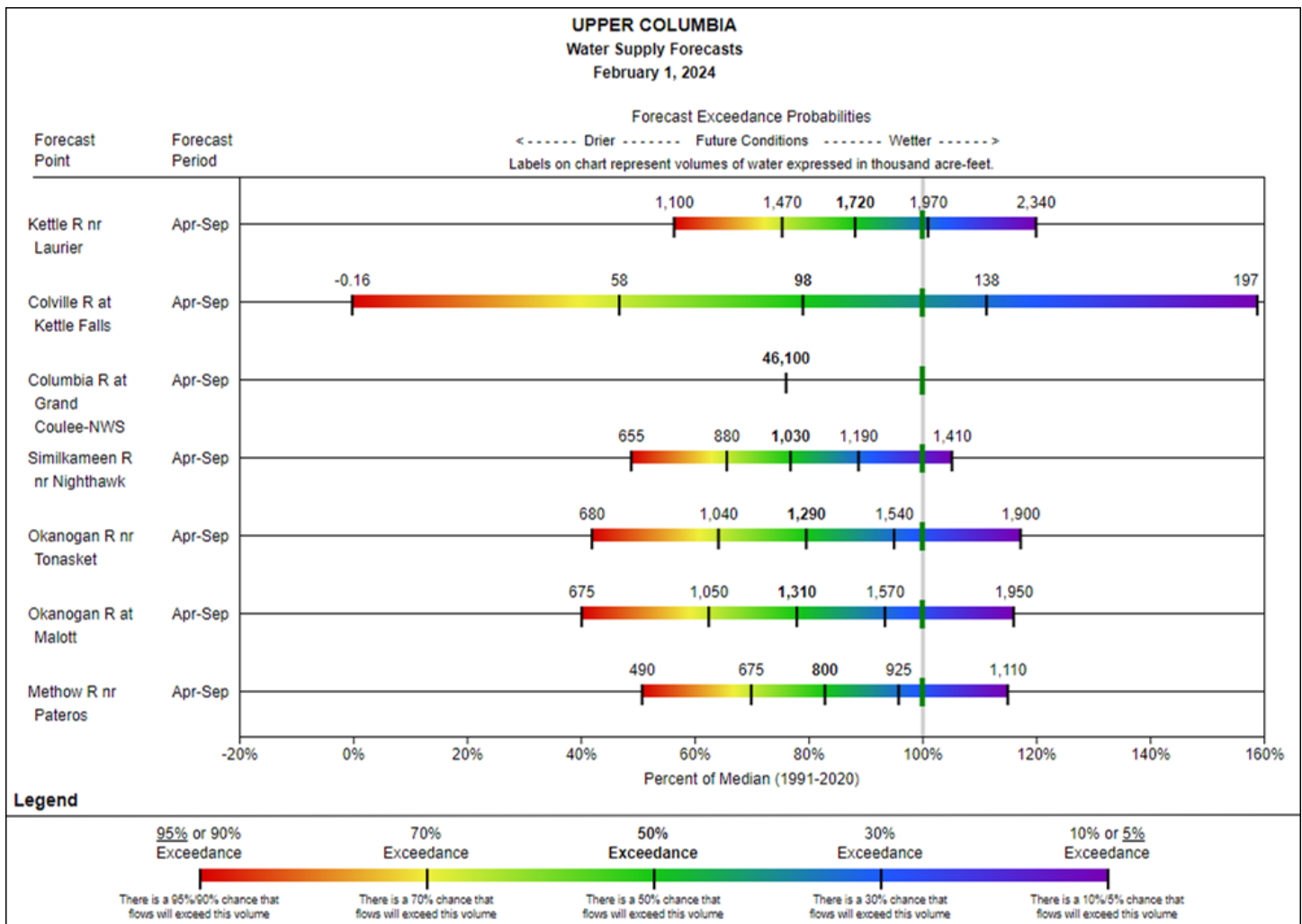
As of February 1, storage at Conconully Reservoir is below normal at 83% of median. Volumetric storage at Conconully Lake (Salmon Lake Dam) is 72% of median.

Upper Columbia	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Conconully Lake (Salmon Lake Dam)	5.6	6.5	7.8	10.5	54%	62%	74%	72%	83%
Conconully Reservoir	7.0	7.4	8.4	13.0	54%	57%	65%	83%	88%
<b>Basin Index</b>					<b>54%</b>	<b>59%</b>	<b>69%</b>	<b>78%</b>	<b>86%</b>
# of reservoirs					2	2	2	2	2

## STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 76% to 88% of median.

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

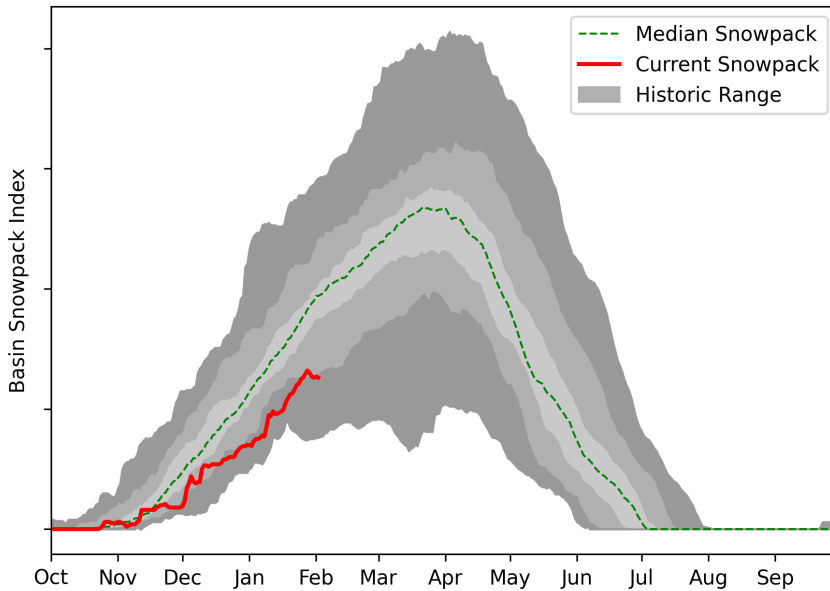




# Central Columbia Basin Summary

## SNOWPACK

Central Columbia Basin Snowpack

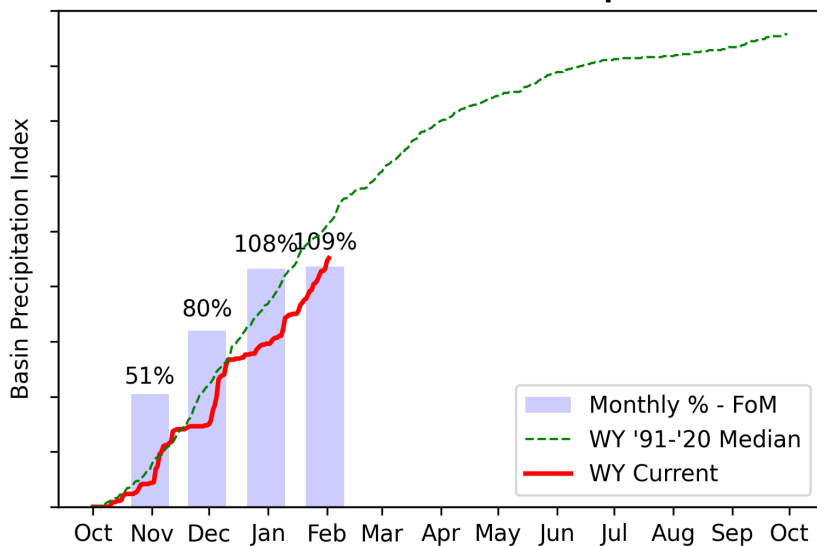


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 69% of median. This is slightly higher than January 1 when the basin snowpack was 63% of median.

## PRECIPITATION

Central Columbia Basin Precipitation



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

FoM = First of Month

February precipitation is slightly above normal at 109% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 86% of median.

## RESERVOIR STORAGE

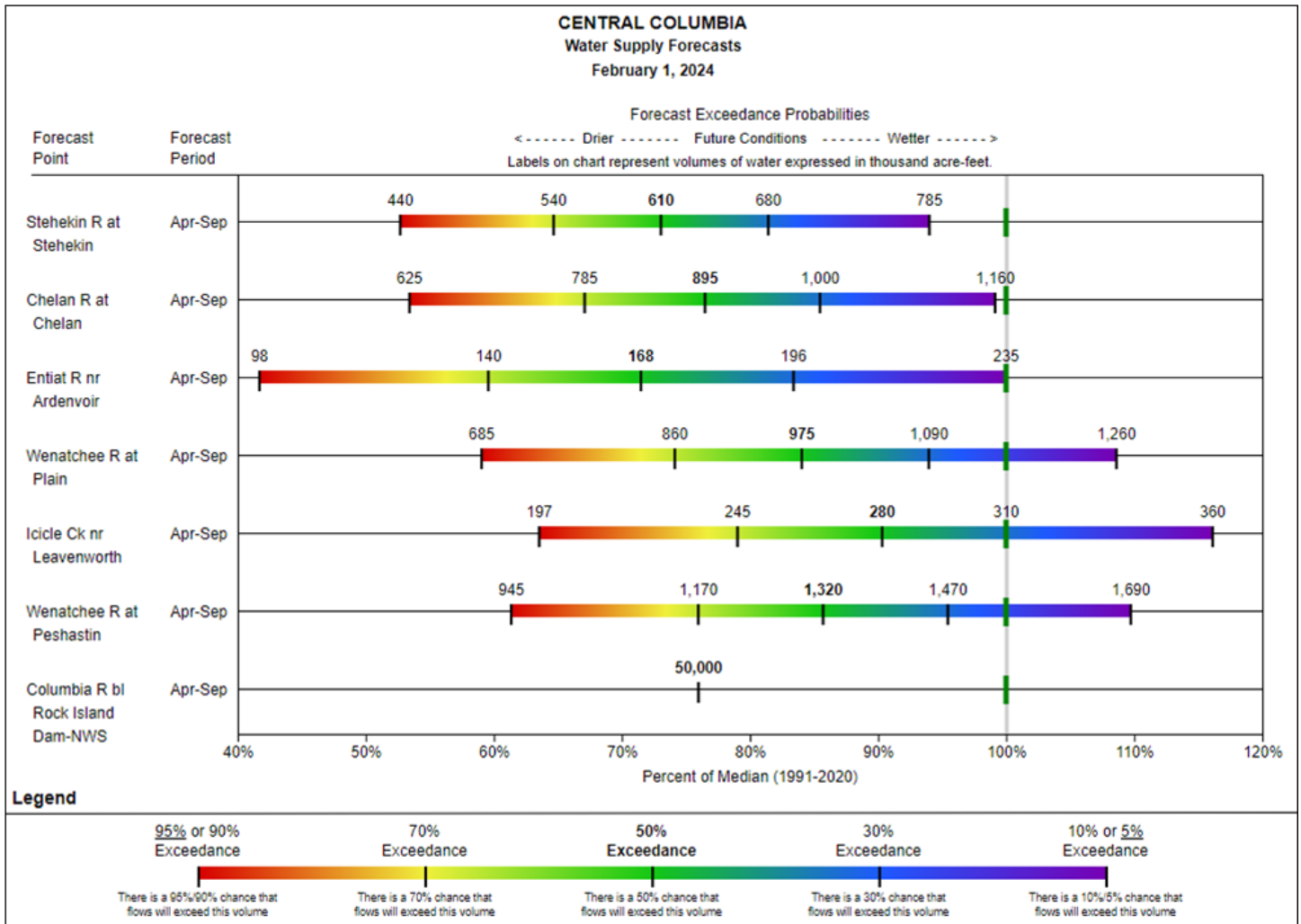
As of February 1, storage at Lake Chelan is slightly above normal at 104% of median.

Central Columbia	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Chelan	325.6	248.2	314.3	677.4	48%	37%	46%	104%	79%
<b>Basin Index</b>					<b>48%</b>	<b>37%</b>	<b>46%</b>	<b>104%</b>	<b>79%</b>
# of reservoirs					1	1	1	1	1

## STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 71% to 90% of median.

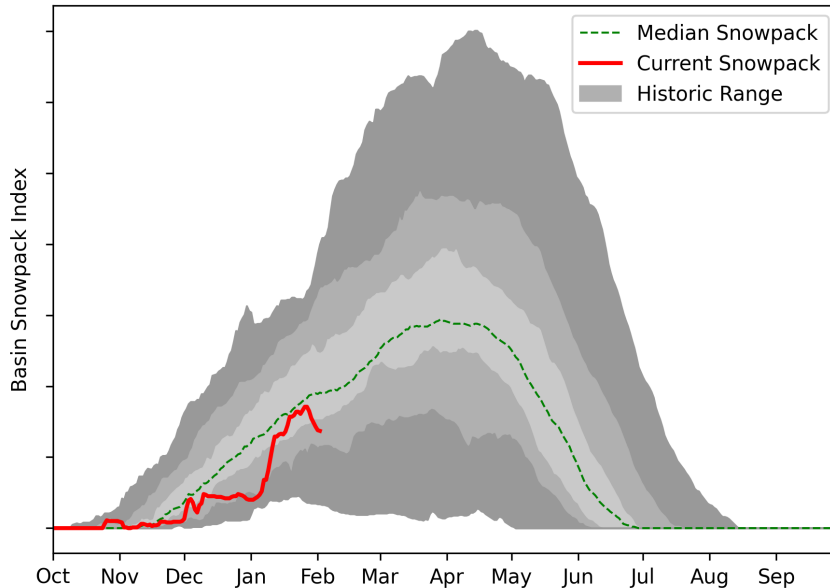
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



# Lower Columbia Basin Summary

## SNOWPACK

Lower Columbia Basin Snowpack

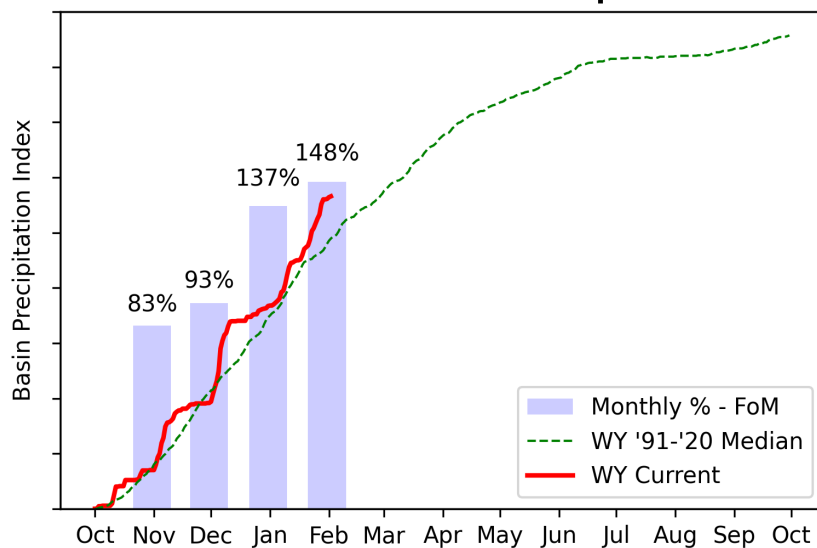


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 73% of median. This is slightly higher than January 1 when the basin snowpack was 44% of median.

## PRECIPITATION

Lower Columbia Basin Precipitation



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

FoM = First of Month

February precipitation is above normal at 148% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 110% of median.

RESERVOIR STORAGE

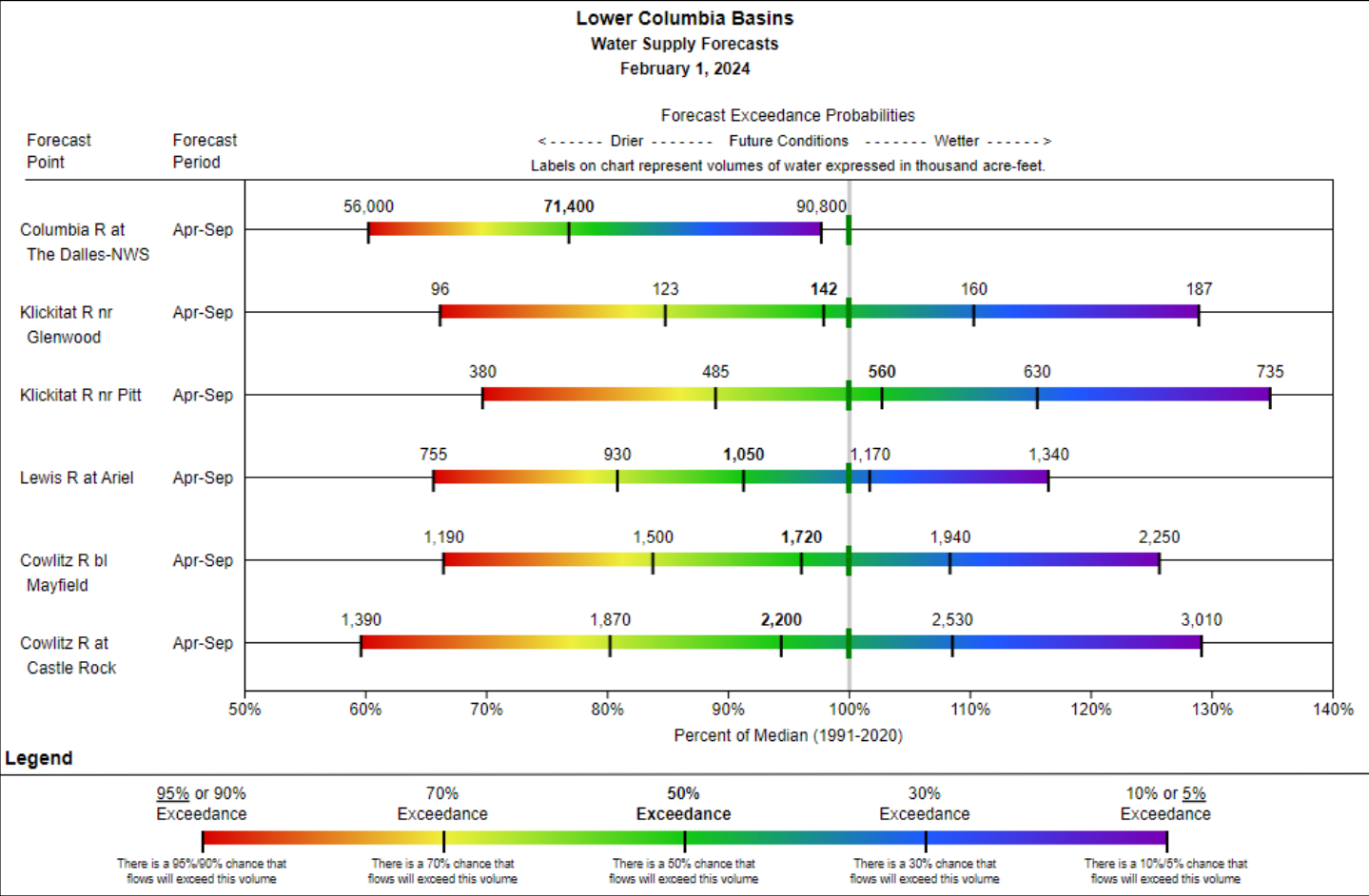
As of February 1, storage at Mossyrock Dam (Riffe Lake) is below normal at 91% of median. Volumetric storage at Mayfield Lake is slightly below normal at 98% of median.

Lower Columbia	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Mayfield	125.1	129.6	128.2					98%	101%
Mossyrock Dam (Riffe Lk)	802.9	489.8	880.8					91%	56%
Basin Index					%	%	%	92%	61%
# of reservoirs					0	0	0	2	2

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are near normal and range from 91% to 98% of median.

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

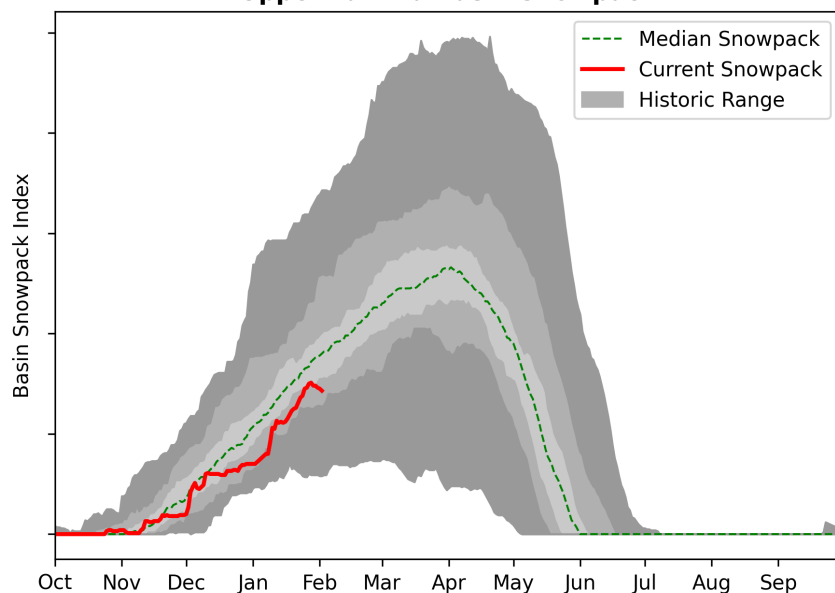




# Upper Yakima Basin Summary

## SNOWPACK

Upper Yakima Basin Snowpack

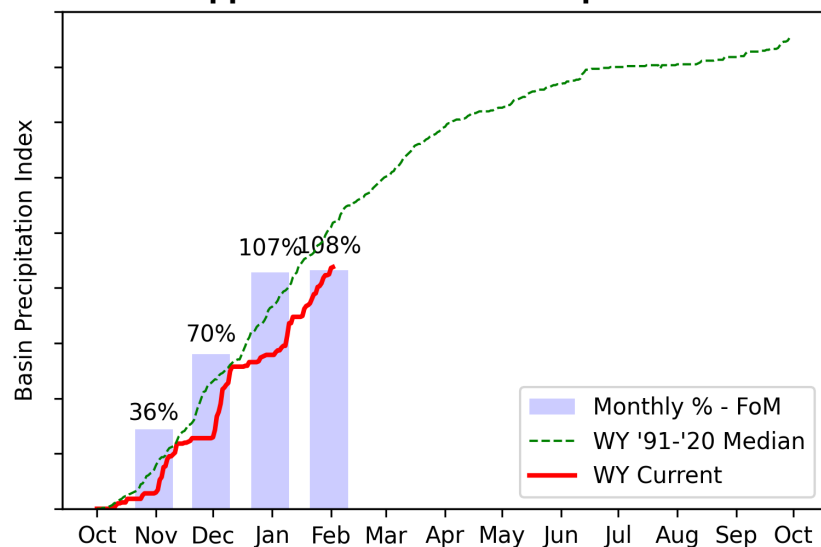


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 79% of median. This is slightly higher than January 1 when the basin snowpack was 65% of median.

## PRECIPITATION

Upper Yakima Basin Precipitation



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

FoM = First of Month

February precipitation is above slightly normal at 108% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 83% of median.

## RESERVOIR STORAGE

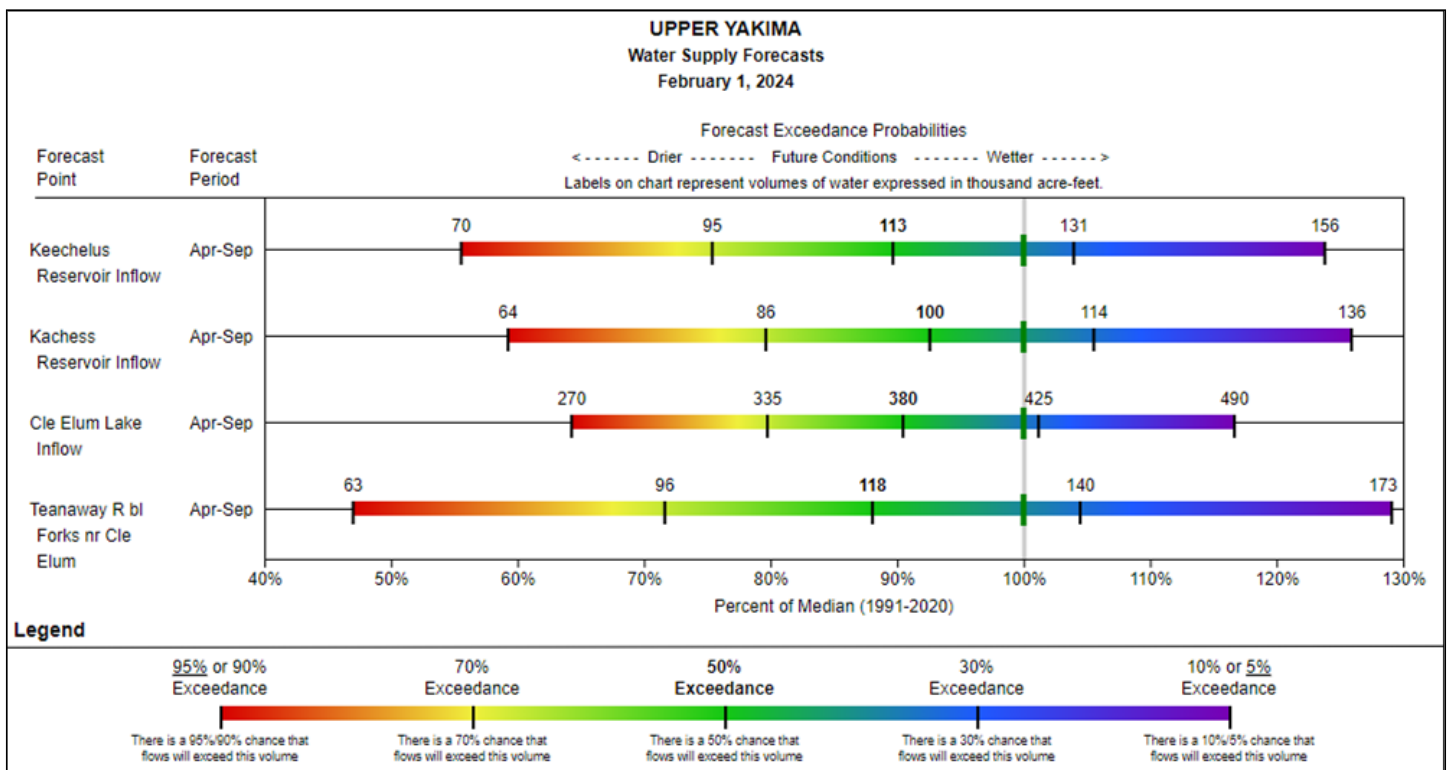
As of February 1, storage at Keechelus Reservoir is below normal at 59% of median. Volumetric storage at Cle Elum Reservoir is 49% of median, and 39% of median at Kachess Reservoir.

Upper Yakima		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Keechelus		49.7	58.9	84.3	157.8	31%	37%	53%	59%	70%
Cle Elum		101.8	175.6	208.1	436.9	23%	40%	48%	49%	84%
Kachess		56.5	134.7	143.5	239.0	24%	56%	60%	39%	94%
<b>Basin Index</b>						<b>25%</b>	<b>44%</b>	<b>52%</b>	<b>48%</b>	<b>85%</b>
# of reservoirs						3	3	3	3	3

## STREAMFLOW FORECAST

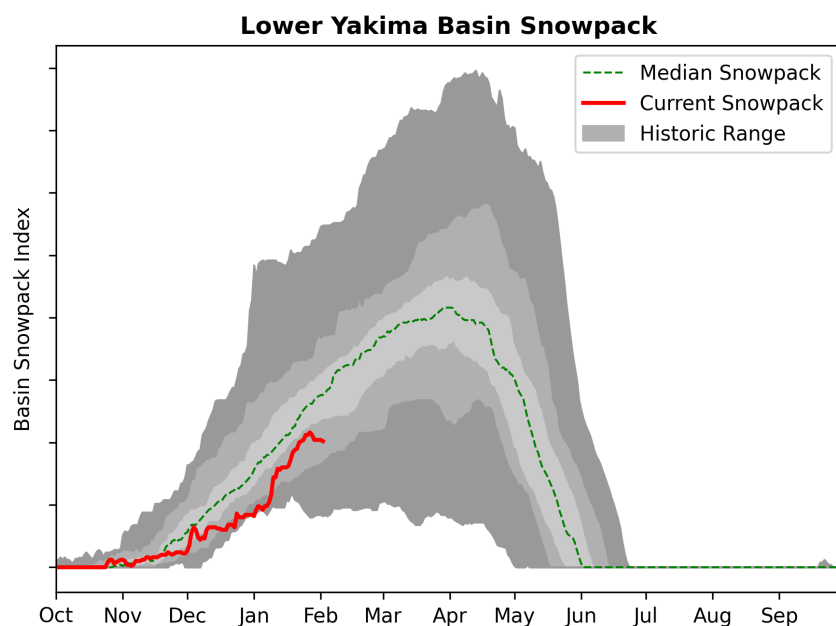
The April through September streamflow forecasts in the basin are below normal and range from 88% to 93% of median.

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



# Lower Yakima Basin Summary

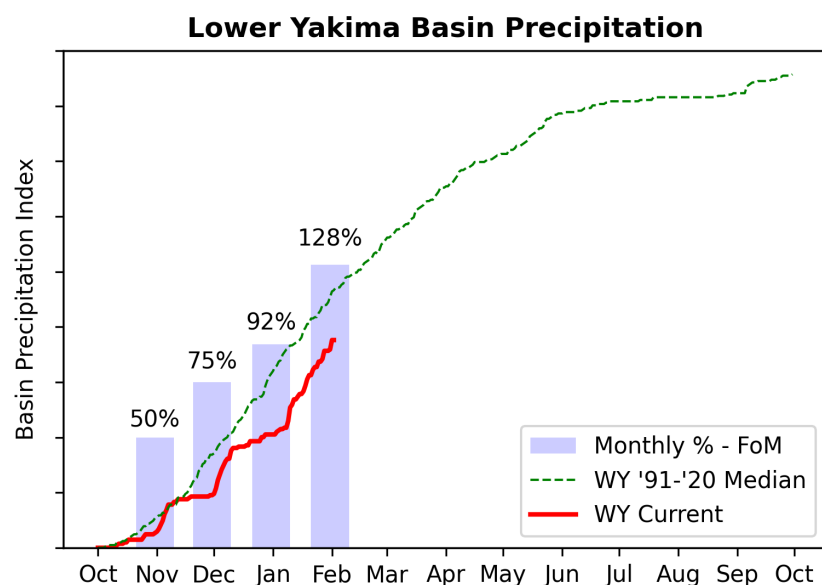
## SNOWPACK



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

As of February 1, the basin snowpack is 56% of median. This is slightly higher than January 1 when the basin snowpack was 36% of median.

## PRECIPITATION



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

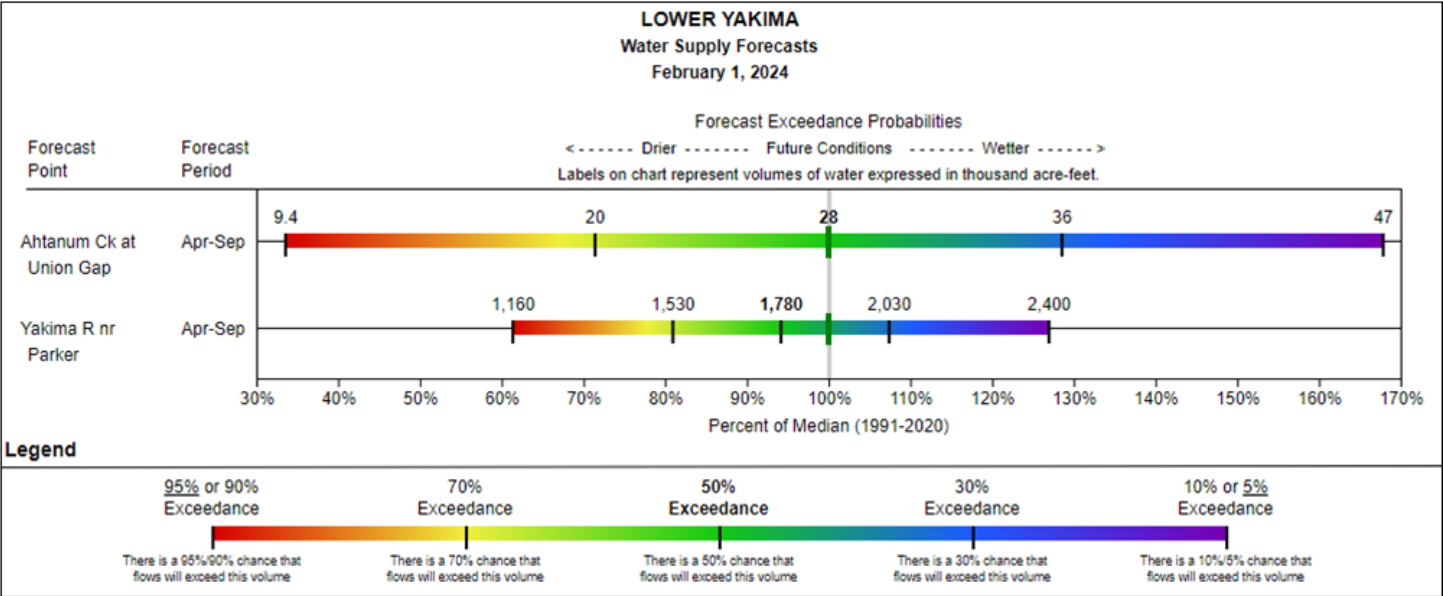
FoM = First of Month

February precipitation is above normal at 128% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 82% of median.

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are near normal and range from 94% to 100% of median.

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

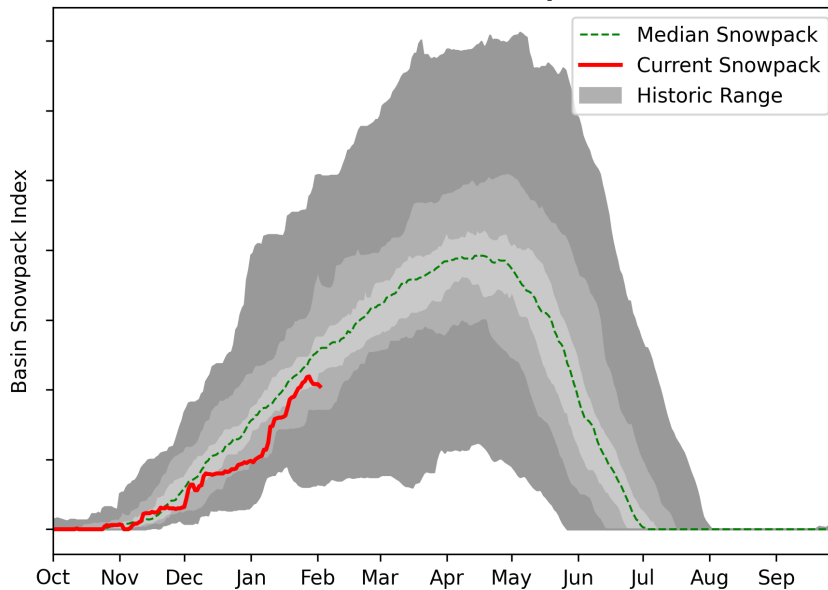




# Naches Basin Summary

## SNOWPACK

Naches Basin Snowpack

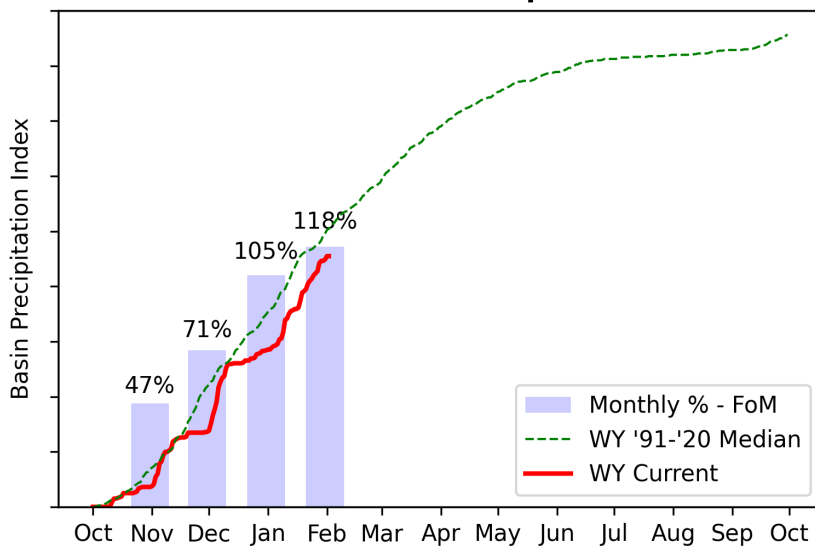


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 73% of median. This is slightly higher than January 1 when the basin snowpack was 55% of median.

## PRECIPITATION

Naches Basin Precipitation



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

FoM = First of Month

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

RESERVOIR STORAGE

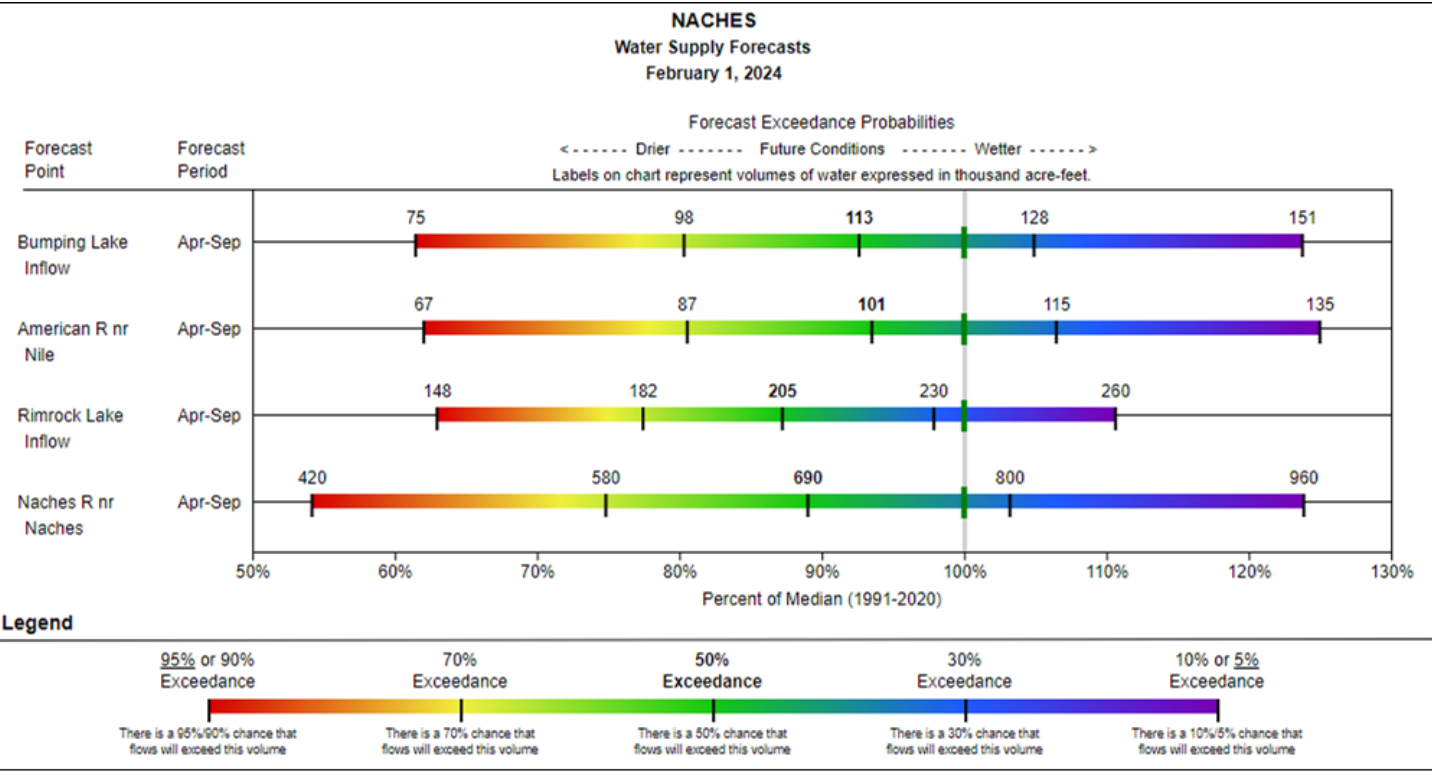
As of February 1, storage at Bumping Lake is above normal at 139% of median. Volumetric storage at Rimrock Lake is below normal at 72% of median.

Naches	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Rimrock	90.6	112.2	125.6	198.0	46%	57%	63%	72%	89%
Bumping Lake	20.9	15.9	15.1	33.7	62%	47%	45%	139%	105%
Basin Index # of reservoirs					48%	55%	61%	79%	91%
					2	2	2	2	2

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 87% to 94% of median.

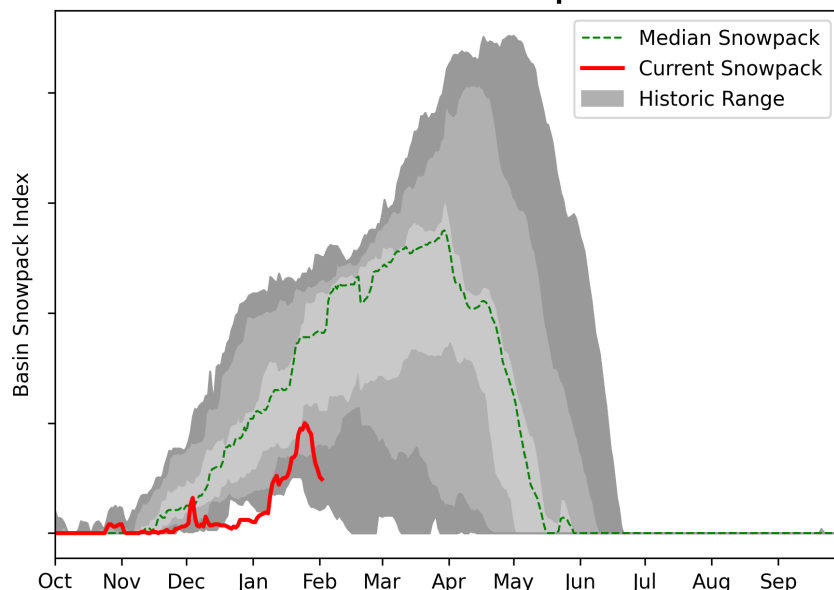
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



# Klickitat Basin Summary

## SNOWPACK

Klickitat Basin Snowpack

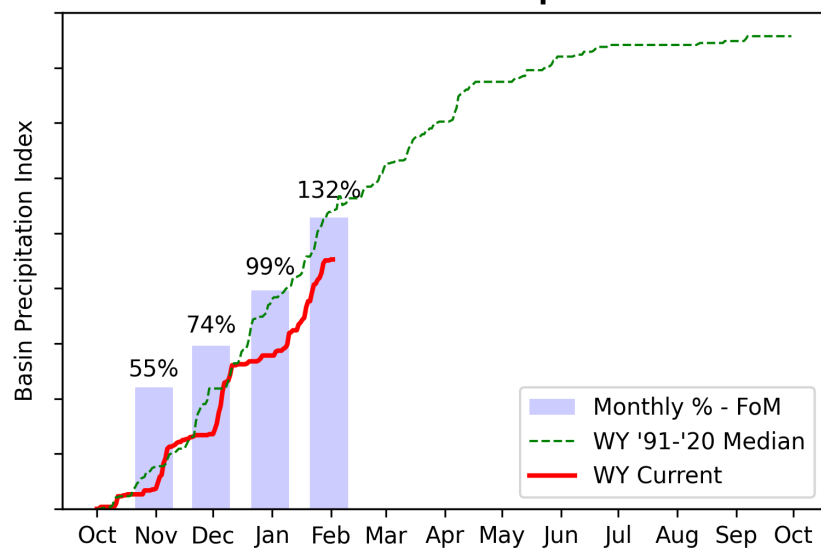


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 70% of median. This is slightly higher than January 1 when the basin snowpack was 46% of median.

## PRECIPITATION

Klickitat Basin Precipitation



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

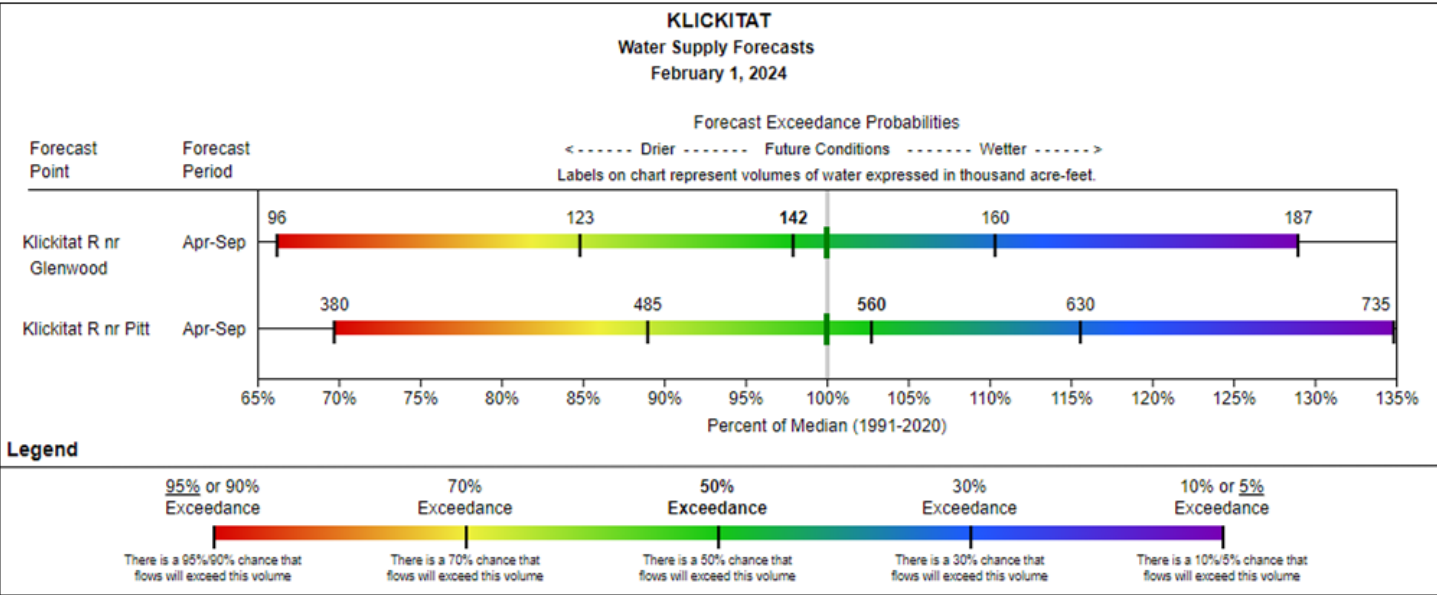
FoM = First of Month

February precipitation is above normal at 132% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 88% of median.

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are near normal and range from 98% to 103% of median.

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

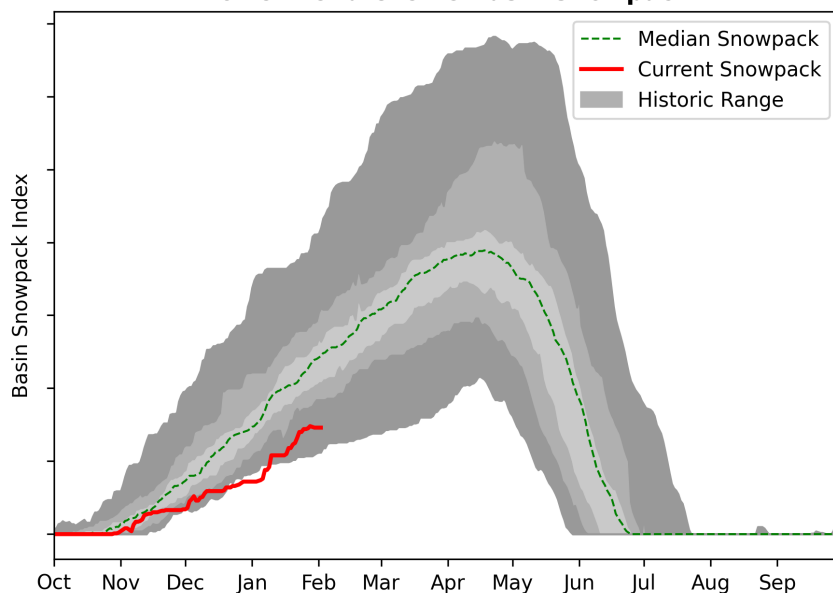




# Lower Pend Oreille Basin Summary

## SNOWPACK

Lower Pend Oreille Basin Snowpack

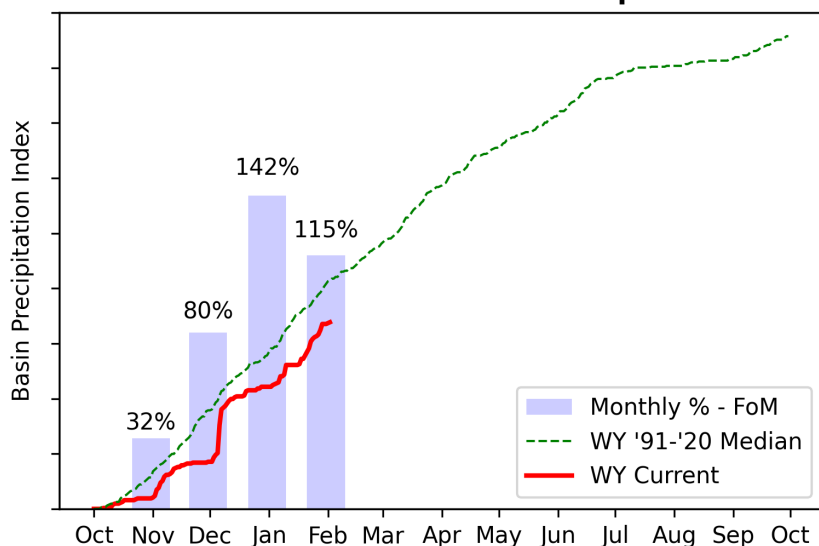


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 58% of median. This is slightly higher than January 1 when the basin snowpack was 49% of median.

## PRECIPITATION

Lower Pend Oreille Basin Precipitation



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

FoM = First of Month

February precipitation is above normal at 114% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 88% of median.

## RESERVOIR STORAGE

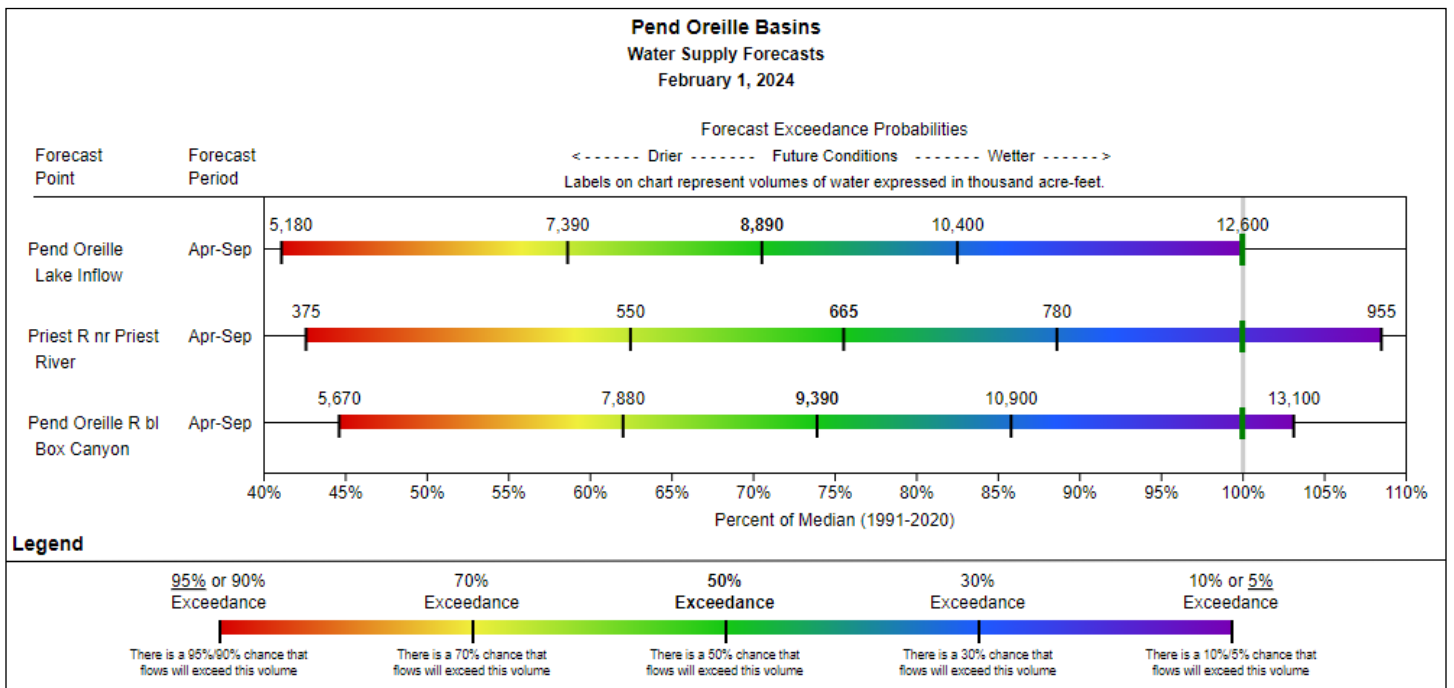
As of February 1, storage at Priest Lake is above normal at 191% of median. Volumetric storage at Lower Pend Oreille Lake is slightly below normal at 93% of median.

Lower Pend Oreille	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Pend Oreille	584.0	611.1	630.8	1561.3	37%	39%	40%	93%	97%
Priest Lake	105.4	50.1	55.3	119.3	88%	42%	46%	191%	91%
<b>Basin Index</b>					<b>41%</b>	<b>39%</b>	<b>41%</b>	<b>100%</b>	<b>96%</b>
# of reservoirs					2	2	2	2	2

## STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 71% to 76% of median.

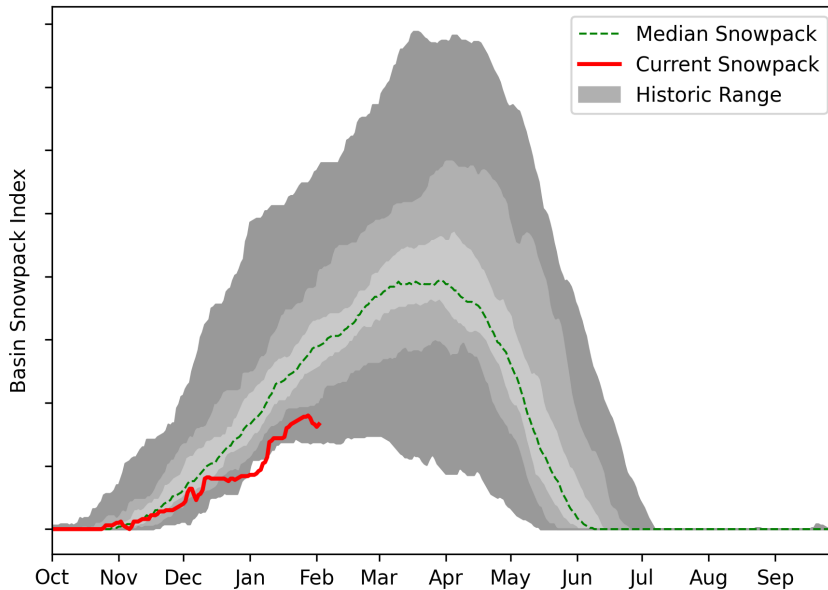
For data in tabular format, in addition to non-primary period data, please view the basin data reports [here](#).



# Spokane Basin Summary

## SNOWPACK

Spokane Basin Snowpack

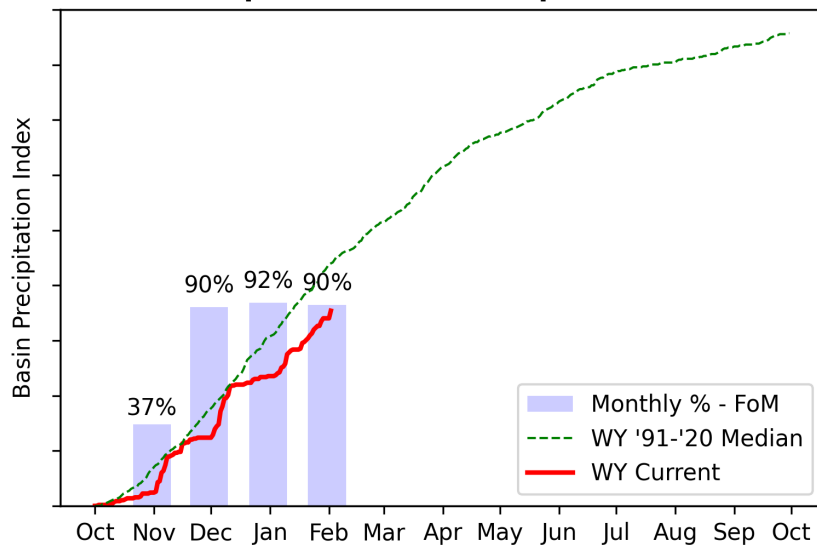


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 52% of median. This is slightly higher than January 1 when the basin snowpack was 47% of median.

## PRECIPITATION

Spokane Basin Precipitation



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

FoM = First of Month

February precipitation is below normal at 90% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 74% of median.

RESERVOIR STORAGE

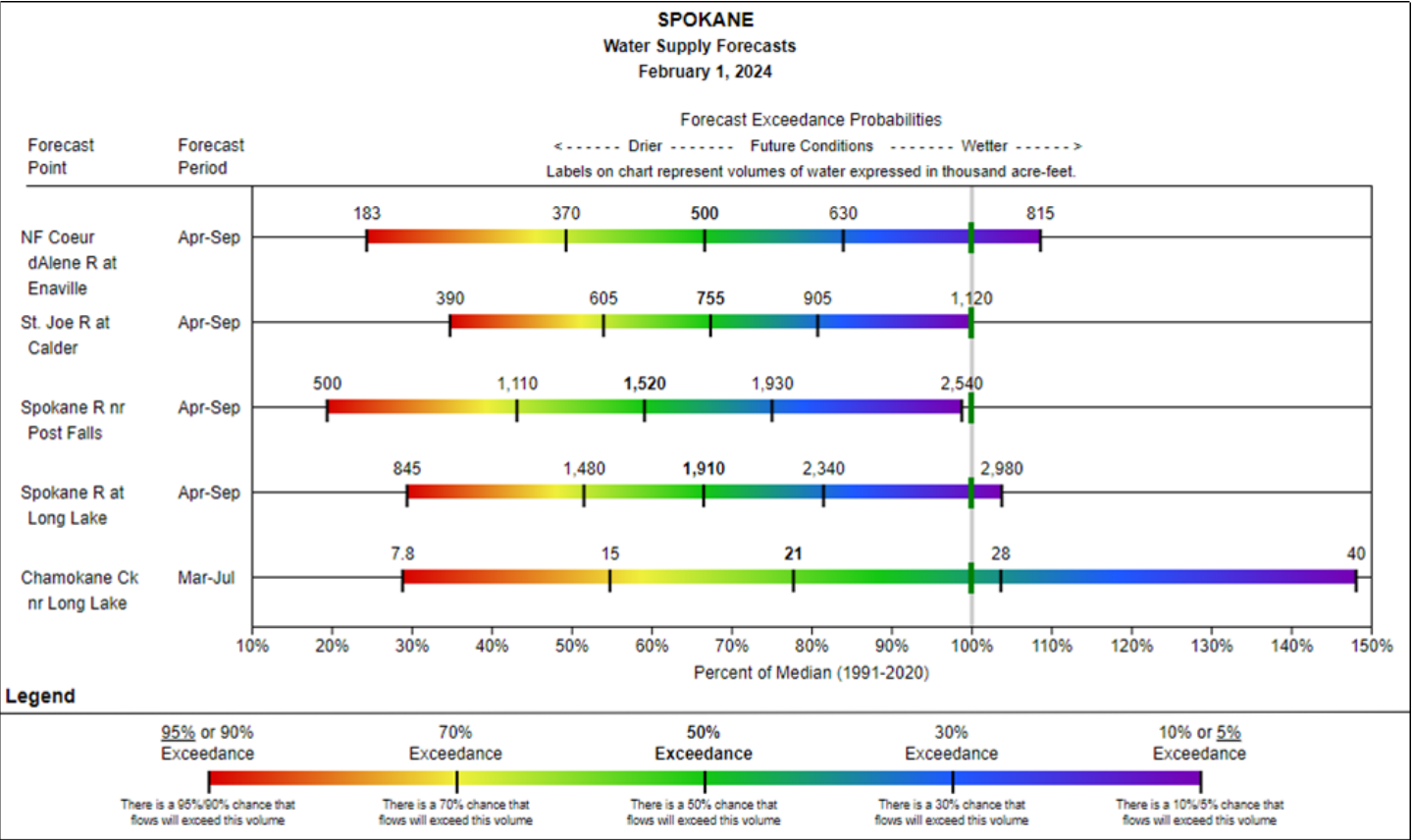
As of February 1, volumetric storage at Lake Coeur d’ Alene is slightly below normal at 94% of median.

Spokane	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Coeur d’ Alene	100.3	49.0	106.7	238.5	42%	21%	45%	94%	46%
Basin Index					42%	21%	45%	94%	46%
# of reservoirs					1	1	1	1	1

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 59% to 78% of median.

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

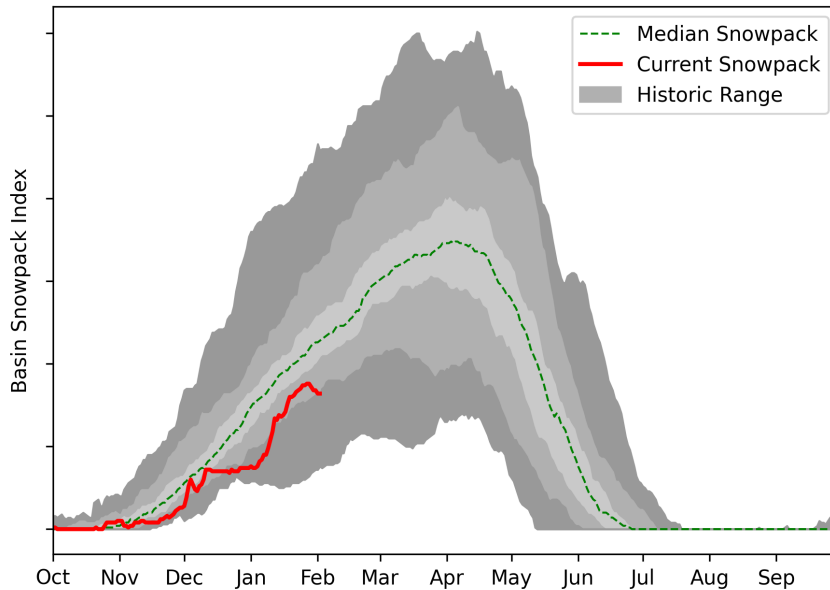




# Lower Snake-Walla Walla Basin Summary

## SNOWPACK

Lower Snake-Walla Walla Basin Snowpack

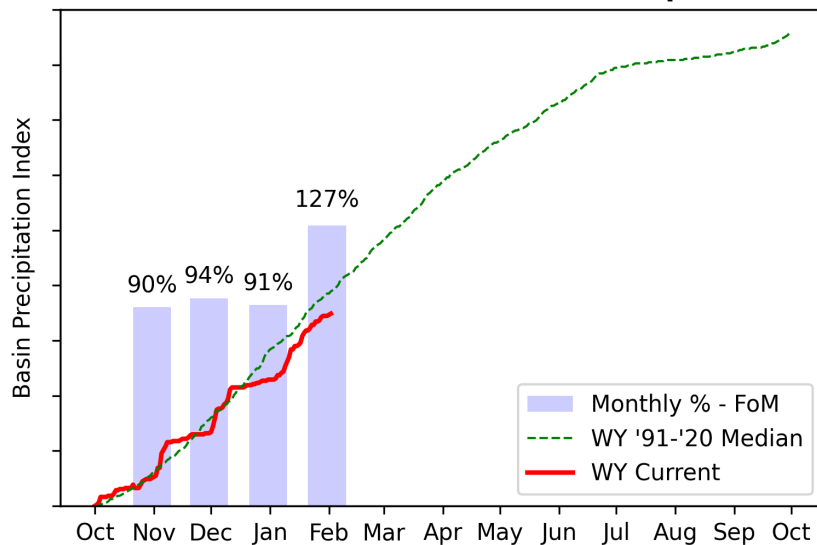


► View snowpack for individual sites by accessing the basin data report [here](#).

As of February 1, the basin snowpack is 78% of median. This is slightly higher than January 1 when the basin snowpack was 54% of median.

## PRECIPITATION

Lower Snake-Walla Walla Basin Precipitation



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

FoM = First of Month

February precipitation is above normal at 127% of median. Precipitation since the beginning of the water year (October 1 - February 1) is 93% of median.

RESERVOIR STORAGE

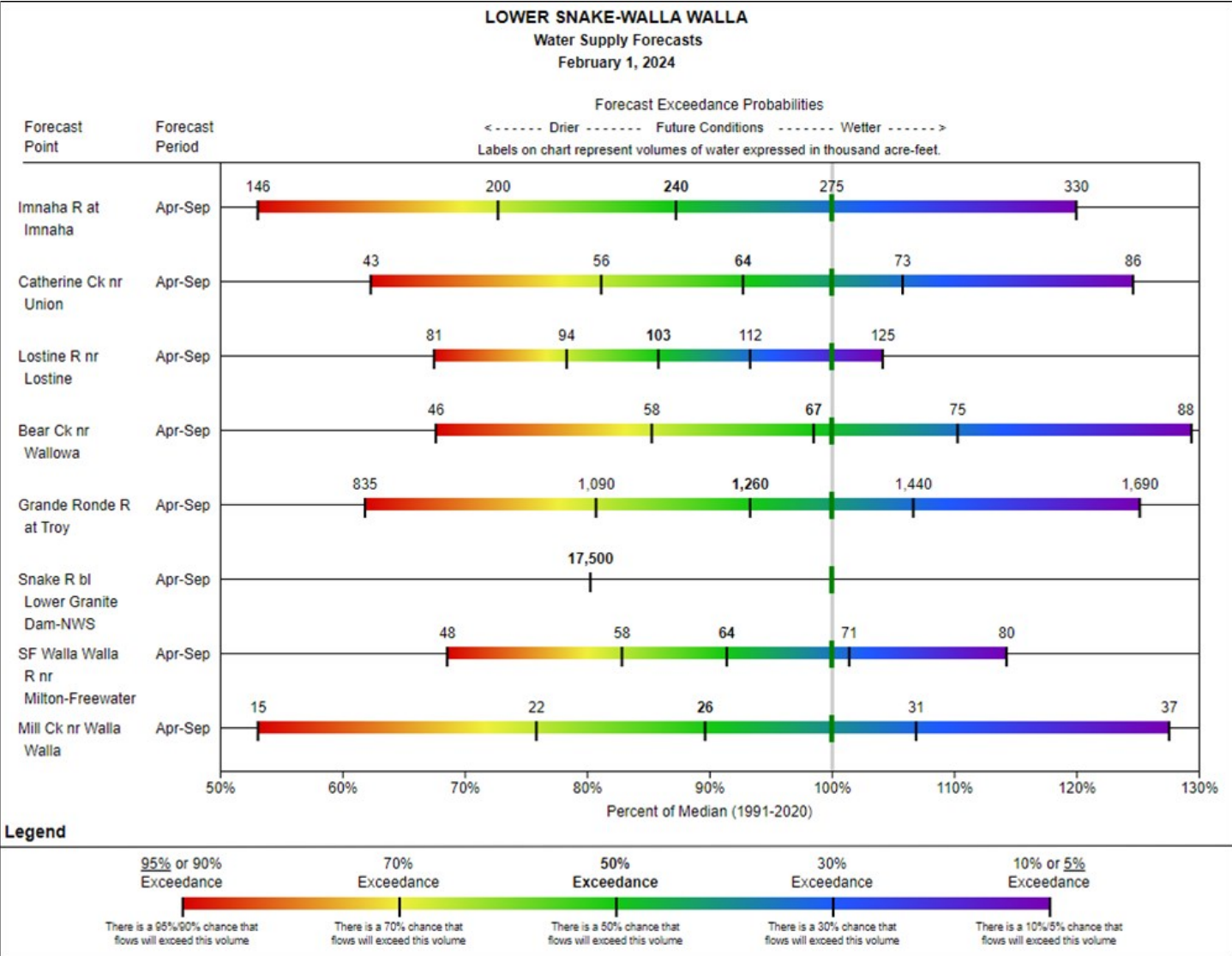
As of February 1, volumetric storage at Wallowa Lake is above normal at 164% of median.

Lower Snake-Walla Walla		Current	Last Year	Median	Capacity	Current %	Last Year %	Median %	Current %	Last Year %
		(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Capacity	Capacity	Median	Median
Wallowa Lake		26.2	14.9	16.0	37.5	70%	40%	43%	164%	93%
Basin Index						70%	40%	43%	164%	93%
# of reservoirs						1	1	1	1	1

STREAMFLOW FORECAST

The April through September streamflow forecasts in the basin are below normal and range from 73% to 99% 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](#)

[Development and Interpretation of Seasonal Water Supply Forecasts](#)

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